

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
 Data File : VX046397.D
 Acq On : 29 May 2025 14:16
 Operator : JC/MD
 Sample : VX0529MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:28:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	83907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82804	52.934	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.860%			
35) Dibromofluoromethane	5.379	113	56905	53.493	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.980%			
50) Toluene-d8	8.647	98	189087	51.356	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.720%			
62) 4-Bromofluorobenzene	11.079	95	73862	52.298	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	21164	16.480	ug/l	99
3) Chloromethane	1.301	50	20837	16.731	ug/l	99
4) Vinyl Chloride	1.374	62	19009	16.400	ug/l	98
5) Bromomethane	1.593	94	9185	17.085	ug/l	99
6) Chloroethane	1.673	64	11154	18.026	ug/l	98
7) Trichlorofluoromethane	1.874	101	30983	18.087	ug/l	97
8) Diethyl Ether	2.136	74	10964	18.802	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	19678	18.562	ug/l	98
10) Methyl Iodide	2.447	142	21282	16.966	ug/l	99
11) Tert butyl alcohol	2.971	59	23299	106.107	ug/l	98
12) 1,1-Dichloroethene	2.313	96	17484	17.573	ug/l	95
13) Acrolein	2.233	56	18992	75.948	ug/l	96
14) Allyl chloride	2.660	41	36303	19.092	ug/l	96
15) Acrylonitrile	3.063	53	63861	101.710	ug/l	98
16) Acetone	2.380	43	62441	99.554	ug/l	99
17) Carbon Disulfide	2.508	76	31035	13.157	ug/l	100
18) Methyl Acetate	2.703	43	36906	25.357	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	66956	19.195	ug/l	100
20) Methylene Chloride	2.782	84	20965	17.443	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	17690	17.680	ug/l	97
22) Diisopropyl ether	3.758	45	73727	20.073	ug/l	89
23) Vinyl Acetate	3.721	43	304687	94.315	ug/l	99
24) 1,1-Dichloroethane	3.605	63	39751	19.431	ug/l	98
25) 2-Butanone	4.556	43	94463	103.740	ug/l	99
26) 2,2-Dichloropropane	4.471	77	28010	17.493	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	22988	19.085	ug/l	99
28) Bromochloromethane	4.891	49	21585	21.920	ug/l	97
29) Tetrahydrofuran	5.007	42	59145	103.656	ug/l	98
30) Chloroform	5.093	83	42695	20.023	ug/l	100
31) Cyclohexane	5.465	56	31721	17.016	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	34941	18.903	ug/l	99
36) 1,1-Dichloropropene	5.684	75	26031	18.212	ug/l	98
37) Ethyl Acetate	4.715	43	34315	19.432	ug/l	99
38) Carbon Tetrachloride	5.672	117	29732	18.514	ug/l	98
39) Methylcyclohexane	7.379	83	30786	16.730	ug/l	96
40) Benzene	6.032	78	79865	19.076	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19521	21.132	ug/l	97
42) 1,2-Dichloroethane	6.086	62	35450	19.619	ug/l	100
43) Isopropyl Acetate	6.342	43	53328	19.795	ug/l	98
44) Trichloroethene	7.123	130	18220	18.082	ug/l	94
45) 1,2-Dichloropropane	7.428	63	21133	20.300	ug/l	99
46) Dibromomethane	7.580	93	15738	19.168	ug/l	99
47) Bromodichloromethane	7.818	83	31922	19.740	ug/l	99
48) Methyl methacrylate	7.696	41	27903	20.281	ug/l	100
49) 1,4-Dioxane	7.659	88	11492	439.908	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	189910	106.199	ug/l	98
52) Toluene	8.714	92	49009	19.091	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	26037	18.114	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	29572	18.614	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	20663	20.413	ug/l	97
56) Ethyl methacrylate	9.116	69	32763	20.308	ug/l	98
57) 1,3-Dichloropropane	9.305	76	35959	19.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	87370	106.228	ug/l	99
59) 2-Hexanone	9.427	43	141646	107.064	ug/l	100
60) Dibromochloromethane	9.519	129	21586	19.418	ug/l	98
61) 1,2-Dibromoethane	9.610	107	20806	19.776	ug/l	98
64) Tetrachloroethene	9.269	164	16955	18.272	ug/l	94
65) Chlorobenzene	10.080	112	53431	18.614	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	18972	19.355	ug/l	99
67) Ethyl Benzene	10.189	91	95059	18.787	ug/l	99
68) m/p-Xylenes	10.299	106	69311	37.453	ug/l	97
69) o-Xylene	10.640	106	35161	19.489	ug/l	99
70) Styrene	10.653	104	57817	19.563	ug/l	99
71) Bromoform	10.799	173	13407	18.218	ug/l #	98
73) Isopropylbenzene	10.957	105	92281	19.150	ug/l	100
74) N-amyl acetate	10.842	43	45710	19.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	33465	19.817	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29072m	19.513	ug/l	
77) Bromobenzene	11.195	156	20920	18.700	ug/l	97
78) n-propylbenzene	11.299	91	106275	18.968	ug/l	100
79) 2-Chlorotoluene	11.360	91	68347	18.912	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	77435	19.235	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7581	16.566	ug/l	88
82) 4-Chlorotoluene	11.451	91	76544	19.099	ug/l	98
83) tert-Butylbenzene	11.713	119	77665	19.153	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	79206	19.428	ug/l	100
85) sec-Butylbenzene	11.890	105	96437	19.369	ug/l	99
86) p-Isopropyltoluene	12.006	119	79264	19.287	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	38297	18.757	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	39665	19.023	ug/l	99
89) n-Butylbenzene	12.329	91	66350	18.405	ug/l	98
90) Hexachloroethane	12.536	117	12920	17.844	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	40662	19.846	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7335	19.607	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	21728	18.464	ug/l	96
94) Hexachlorobutadiene	13.725	225	9672	18.819	ug/l	98
95) Naphthalene	13.774	128	79089	18.324	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	23149	19.065	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

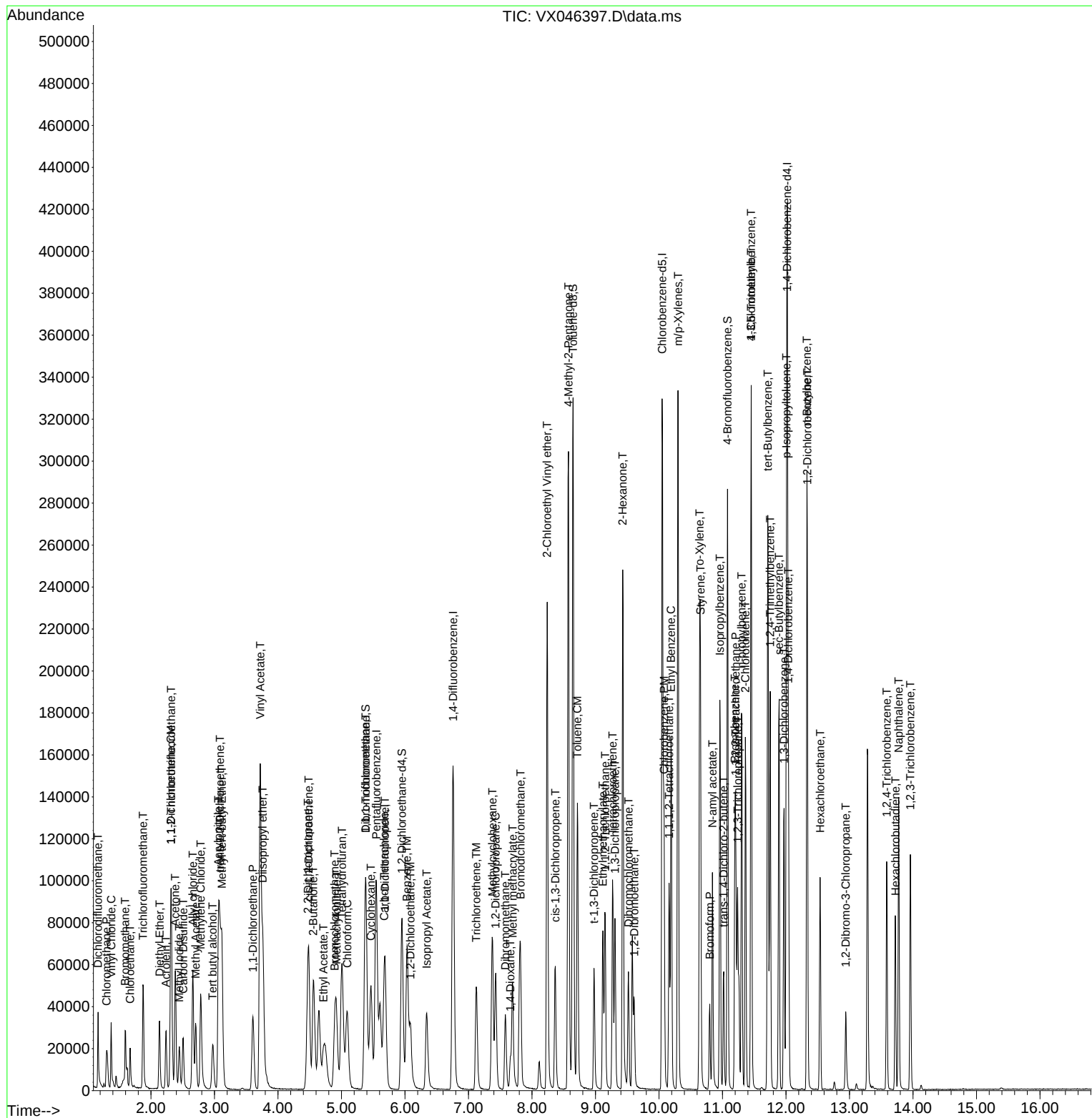
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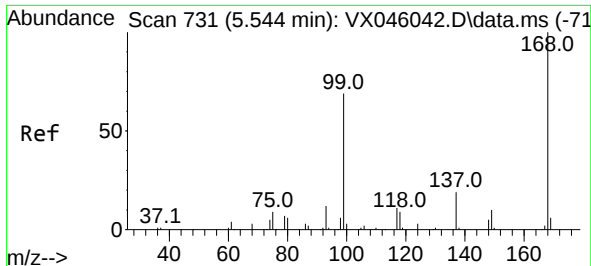
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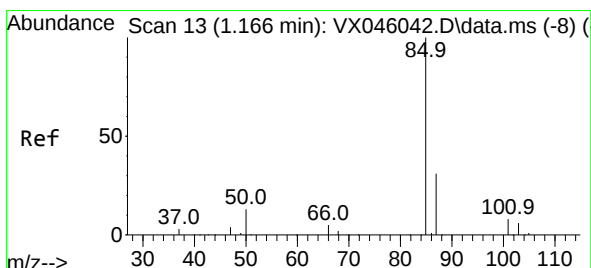
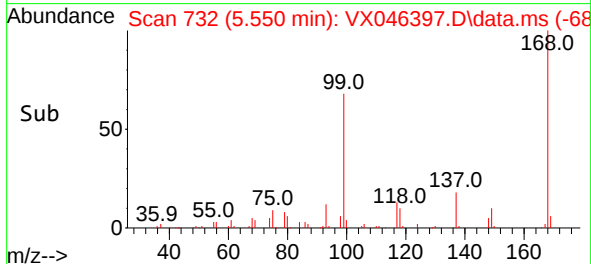
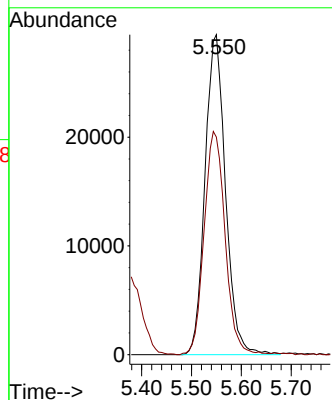
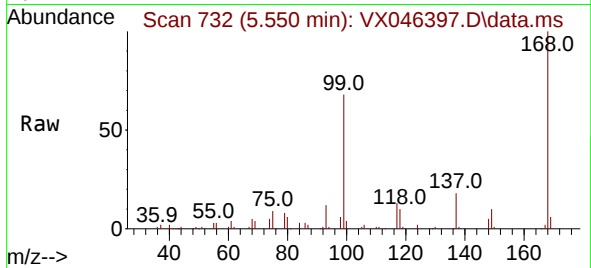
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 8390
Ion Ratio Lower Upper
168 100
99 68.0 54.9 82.3

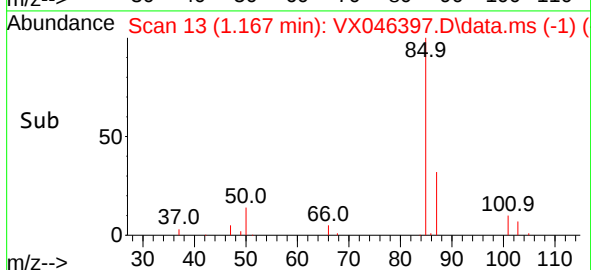
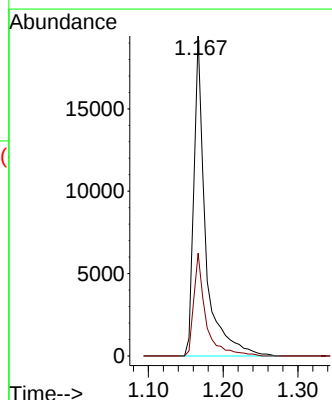
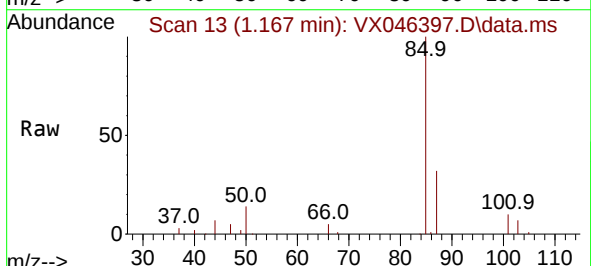
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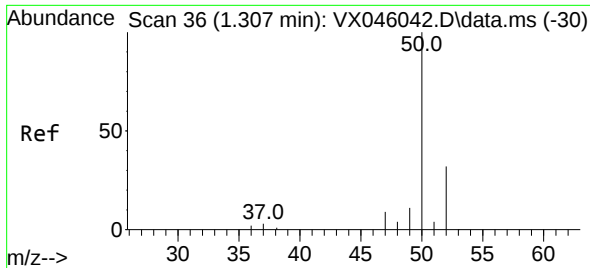
Reviewed By :John Carlone 05/30/2025
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#2
Dichlorodifluoromethane
Concen: 16.480 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Tgt Ion: 85 Resp: 21164
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.1





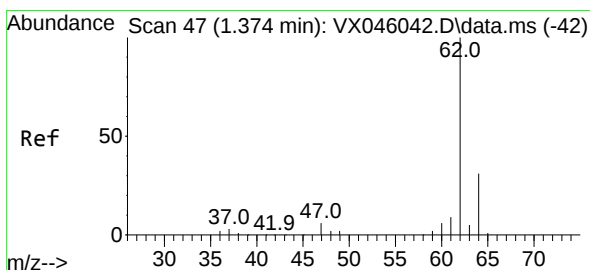
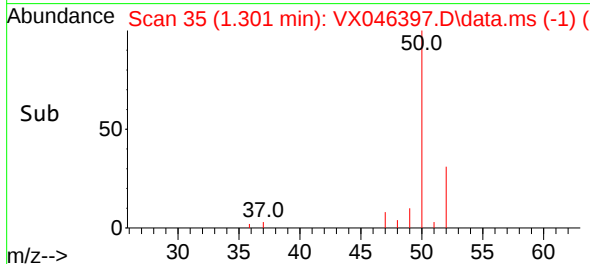
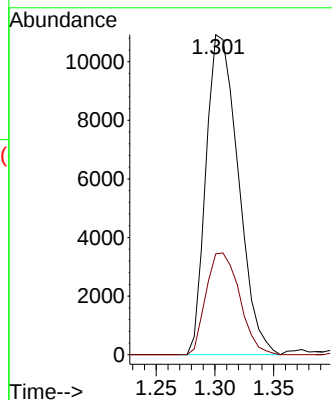
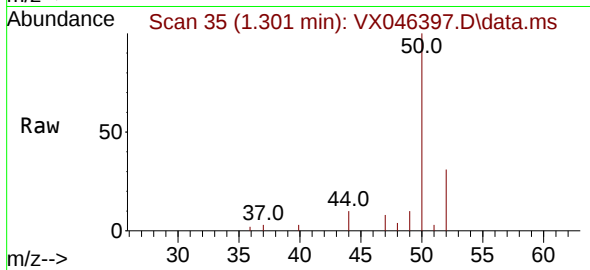
#3
Chloromethane
Concen: 16.731 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046397.D
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ClientSampleId :
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Tgt Ion: 50 Resp: 2083
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.2

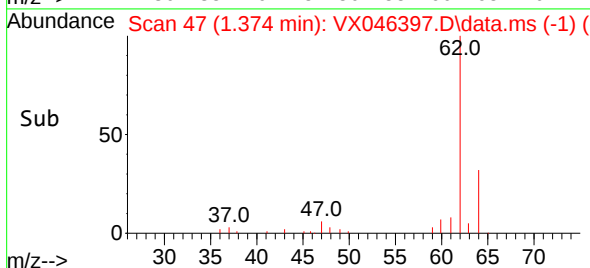
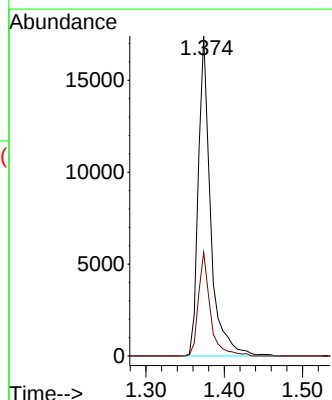
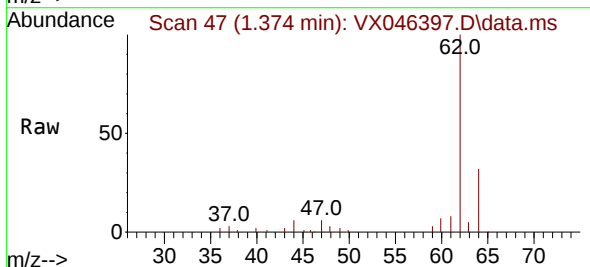
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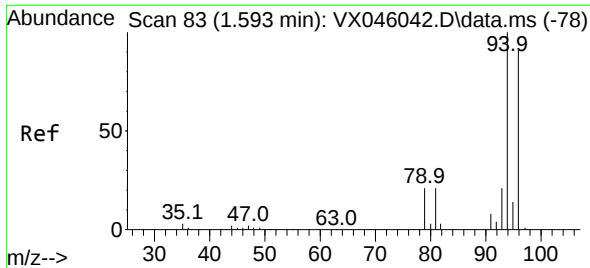
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#4
Vinyl Chloride
Concen: 16.400 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

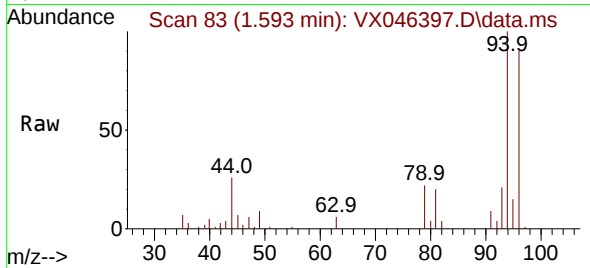
Tgt Ion: 62 Resp: 19009
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8





#5
Bromomethane
Concen: 17.085 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX046397.D
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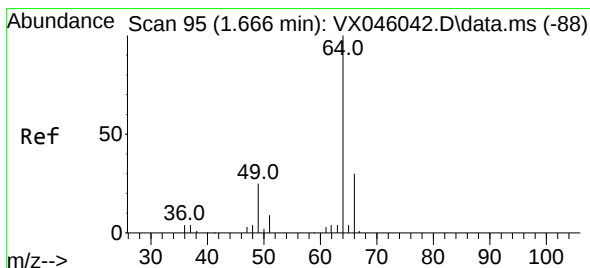
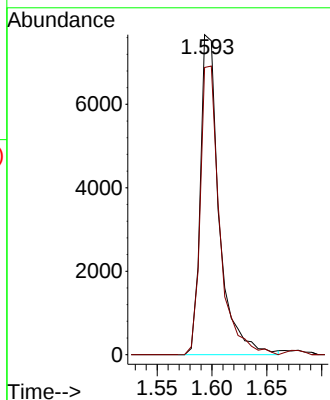
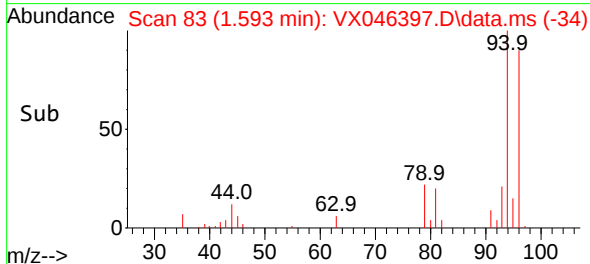
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Tgt Ion: 94 Resp: 918
Ion Ratio Lower Upper
94 100
96 89.8 72.8 109.2

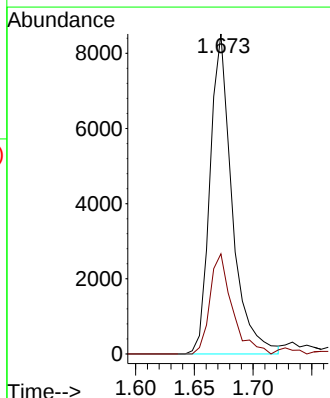
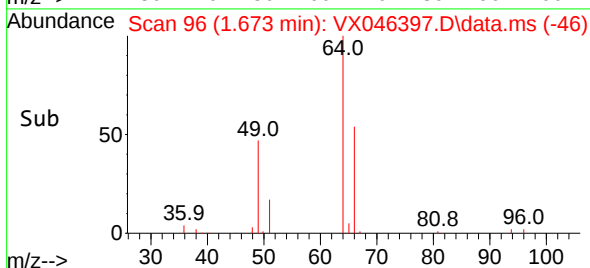
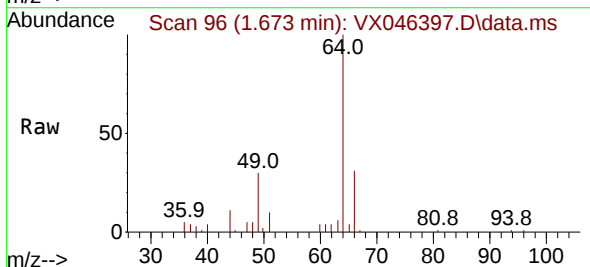
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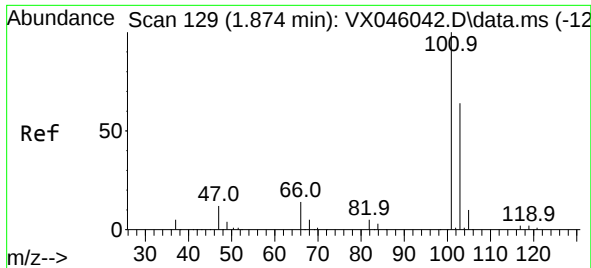
Reviewed By :John Carlone 05/30/2025
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#6
Chloroethane
Concen: 18.026 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX046397.D
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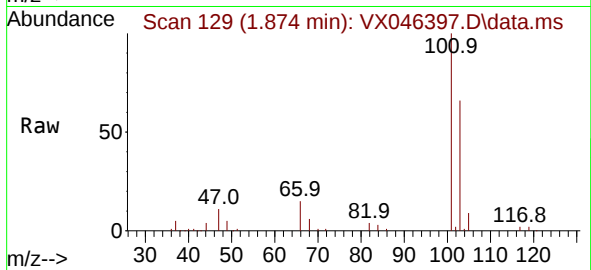
Tgt Ion: 64 Resp: 11154
Ion Ratio Lower Upper
64 100
66 31.3 24.3 36.5





#7
Trichlorofluoromethane
Concen: 18.087 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

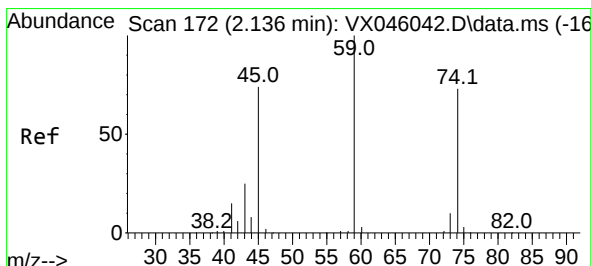
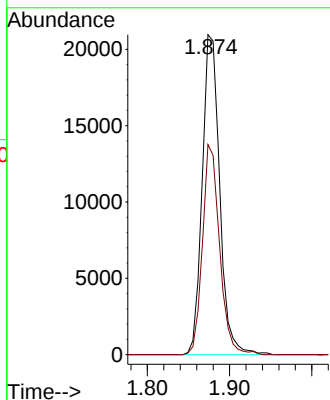
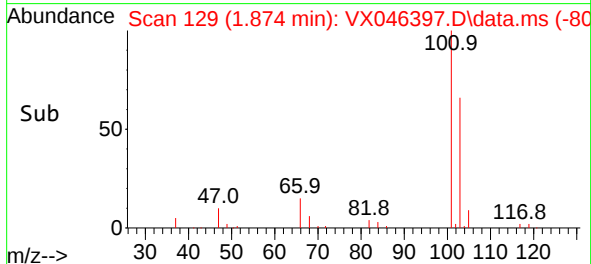
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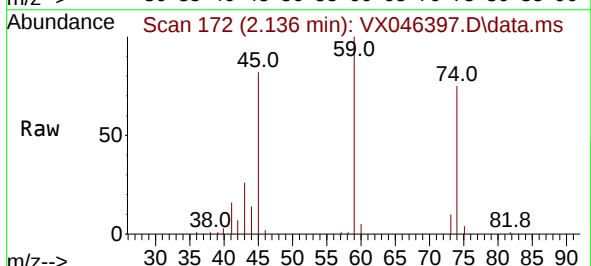
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Ion Ratio Lower Upper
101 100
103 65.7 51.0 76.4

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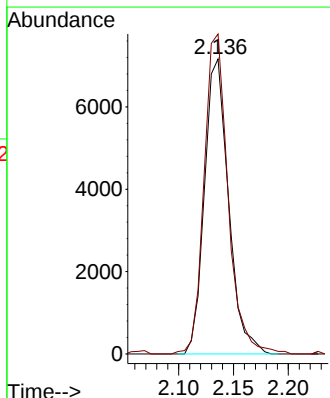
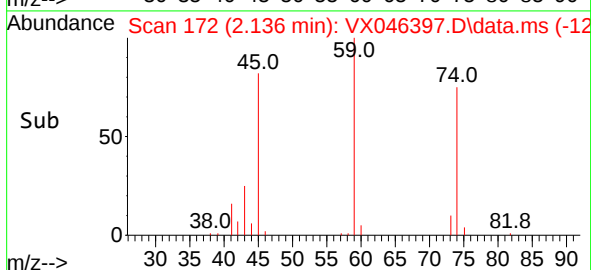
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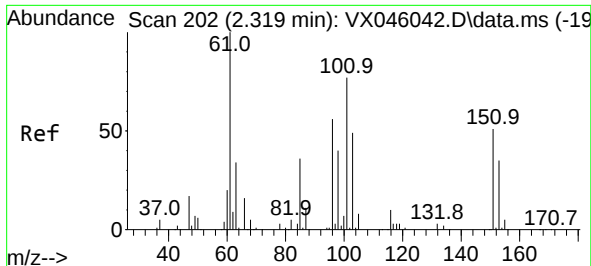


#8
Diethyl Ether
Concen: 18.802 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16



Tgt Ion: 74 Resp: 10964
Ion Ratio Lower Upper
74 100
45 107.8 54.9 164.8





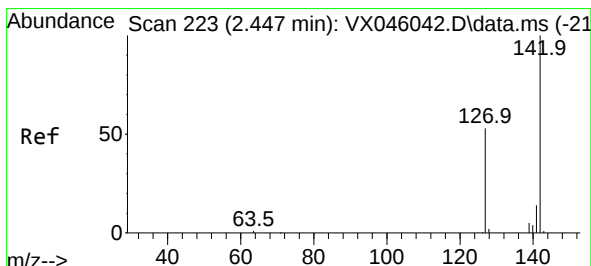
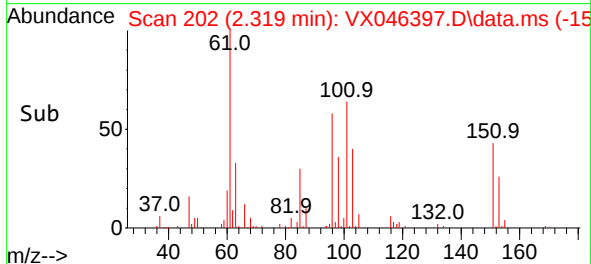
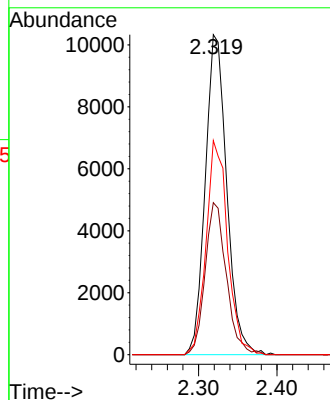
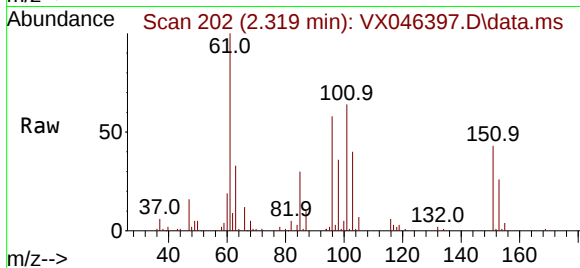
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.562 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01

Tgt Ion:101 Resp: 19678
Ion Ratio Lower Upper
101 100
85 47.0 38.6 58.0
151 66.7 55.2 82.8

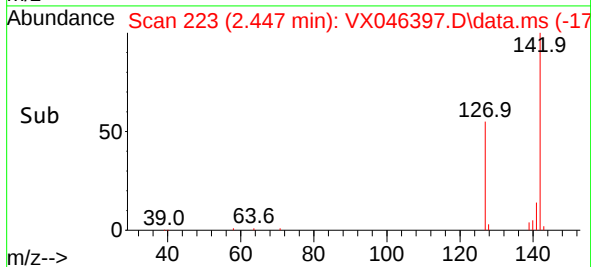
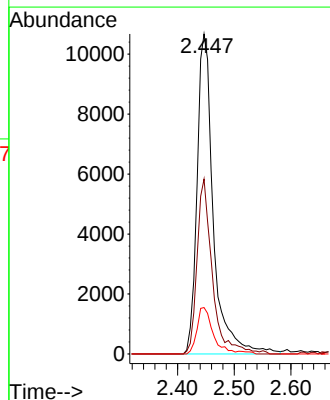
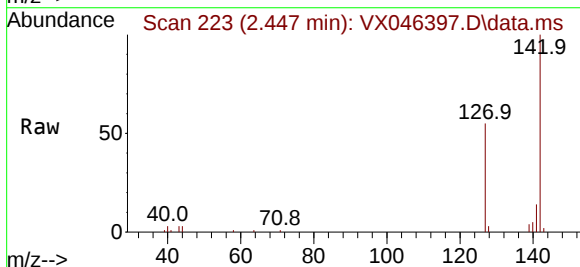
Manual Integrations
APPROVED

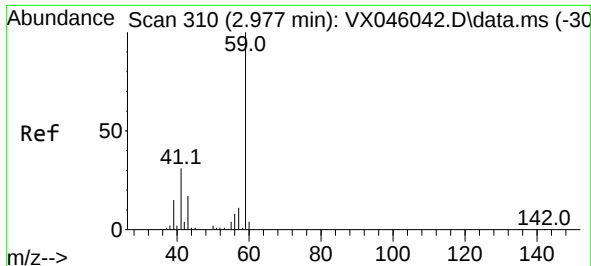
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#10
Methyl Iodide
Concen: 16.966 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

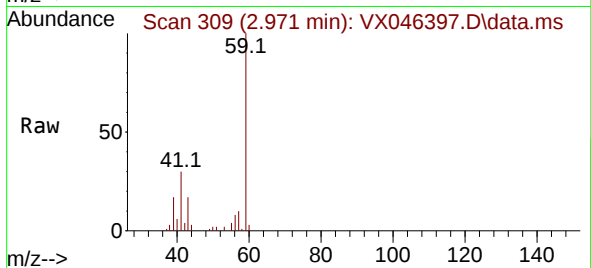
Tgt Ion:142 Resp: 21282
Ion Ratio Lower Upper
142 100
127 51.5 41.7 62.5
141 14.8 11.5 17.3





#11
Tert butyl alcohol
Concen: 106.107 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

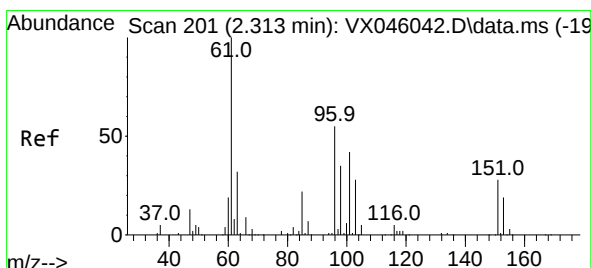
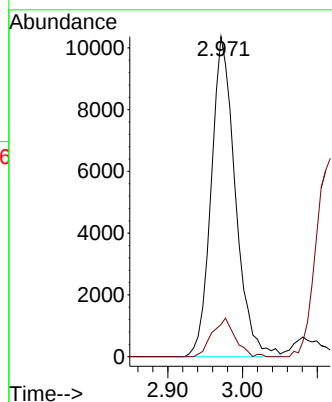
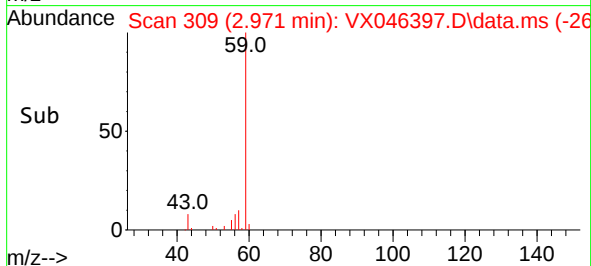
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



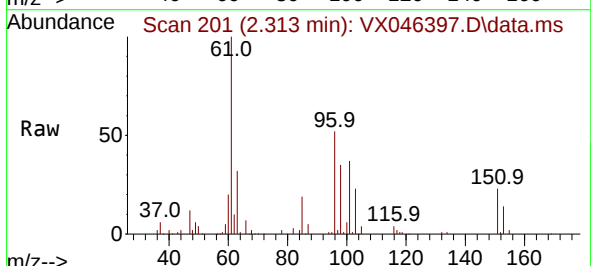
Tgt Ion: 59 Resp: 2329
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8

Manual Integrations
APPROVED

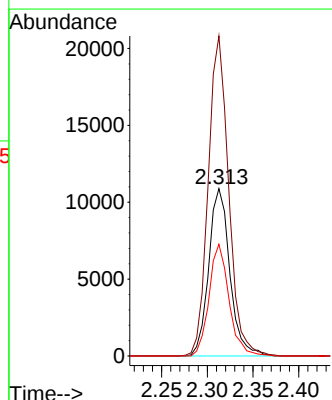
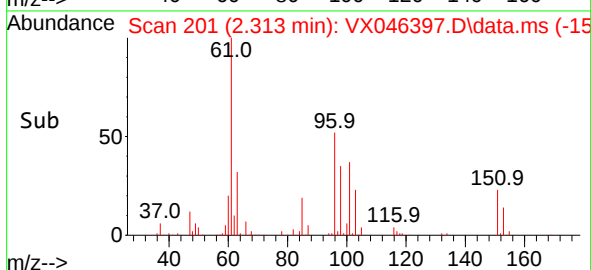
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

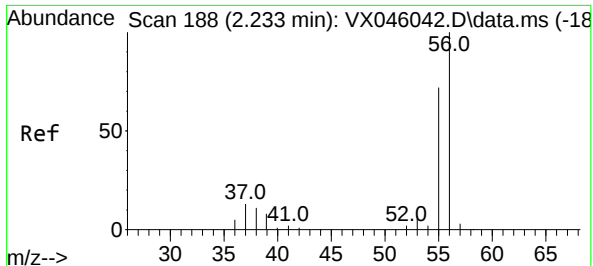


#12
1,1-Dichloroethene
Concen: 17.573 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16



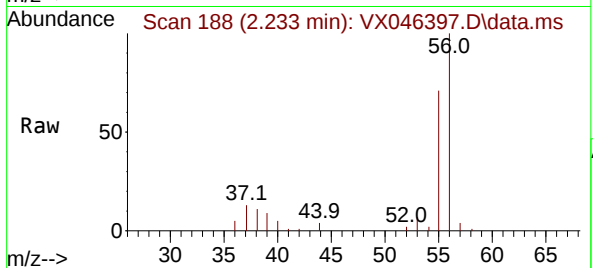
Tgt Ion: 96 Resp: 17484
Ion Ratio Lower Upper
96 100
61 191.1 146.2 219.2
98 66.7 51.0 76.6





#13
Acrolein
Concen: 75.948 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

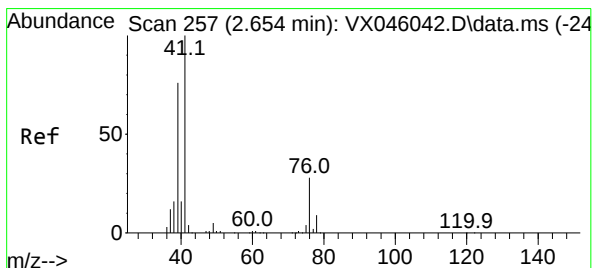
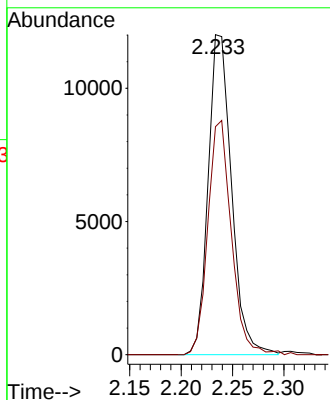
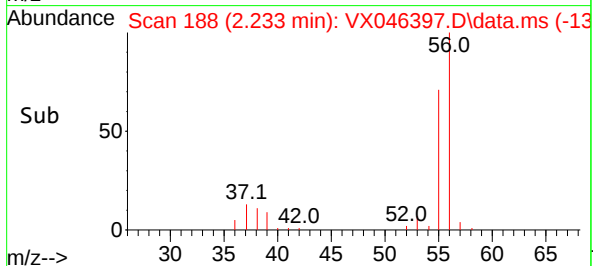
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



Tgt Ion: 56 Resp: 18992
Ion Ratio Lower Upper
56 100
55 73.6 56.2 84.4

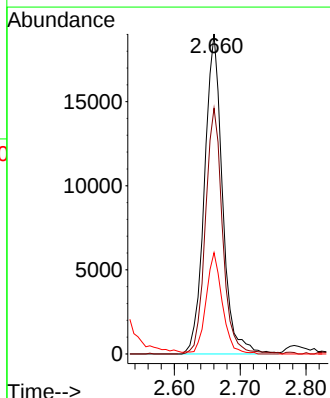
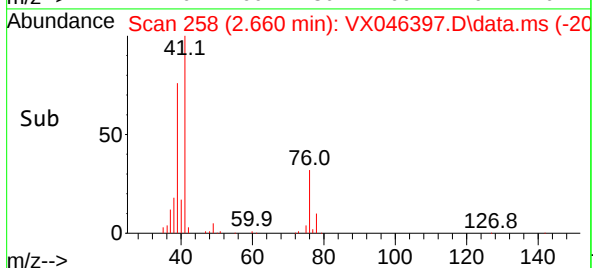
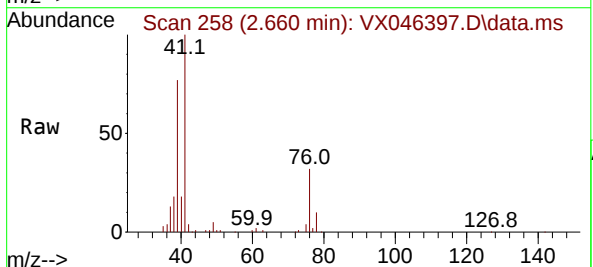
Manual Integrations
APPROVED

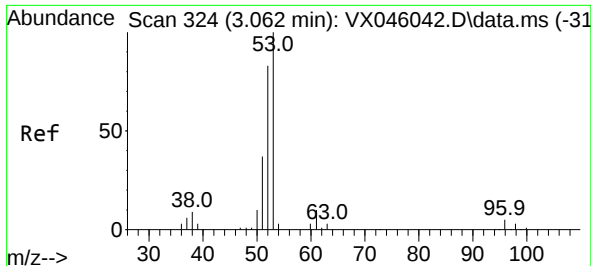
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#14
Allyl chloride
Concen: 19.092 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

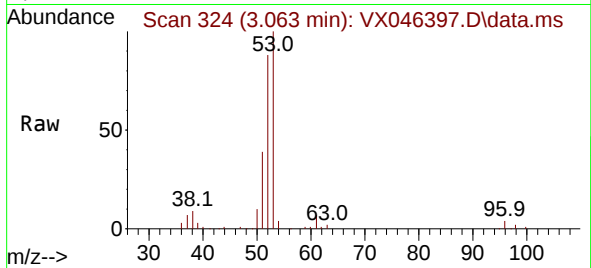
Tgt Ion: 41 Resp: 36303
Ion Ratio Lower Upper
41 100
39 73.1 60.6 90.8
76 28.4 24.9 37.3





#15
Acrylonitrile
Concen: 101.710 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

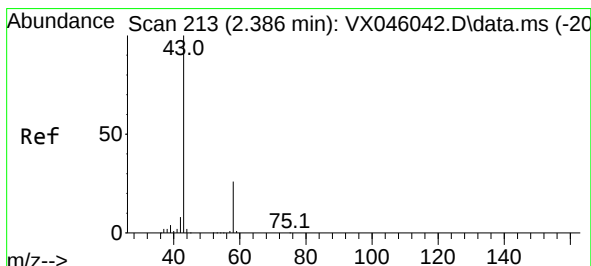
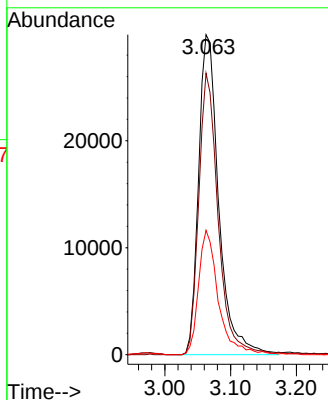
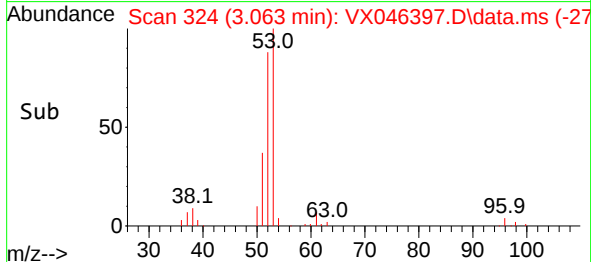
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



Tgt Ion: 53 Resp: 6386
Ion Ratio Lower Upper
53 100
52 84.0 65.3 97.9
51 38.4 29.8 44.8

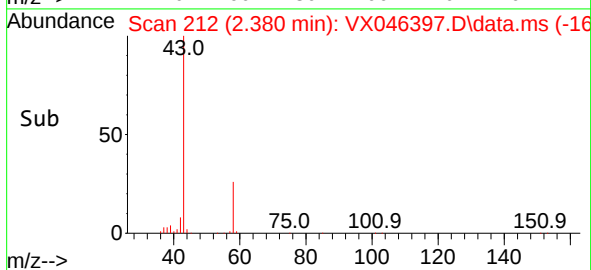
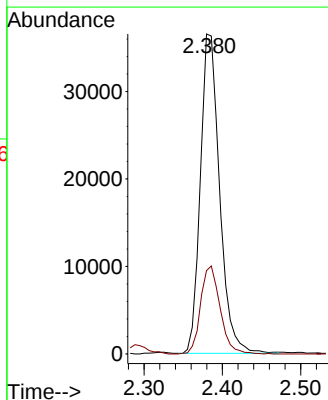
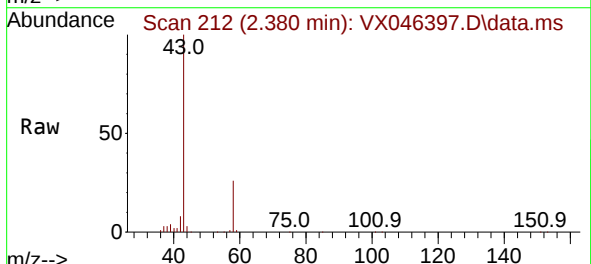
Manual Integrations
APPROVED

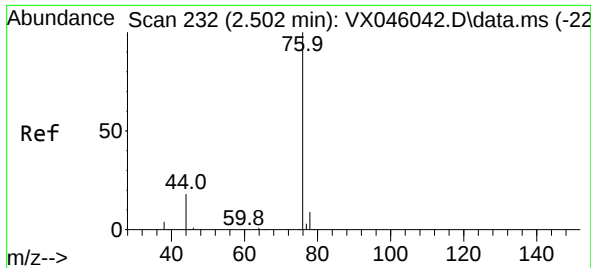
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#16
Acetone
Concen: 99.554 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Tgt Ion: 43 Resp: 62441
Ion Ratio Lower Upper
43 100
58 26.1 21.2 31.8





#17

Carbon Disulfide

Concen: 13.157 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0529MBS01

Tgt Ion: 76 Resp: 3103

Ion Ratio Lower Upper

76 100

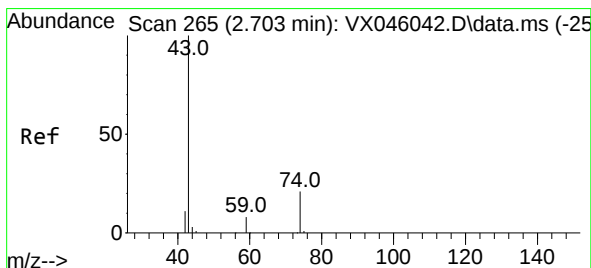
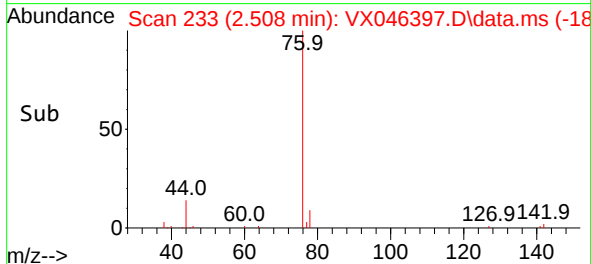
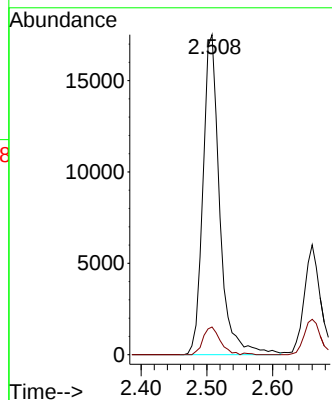
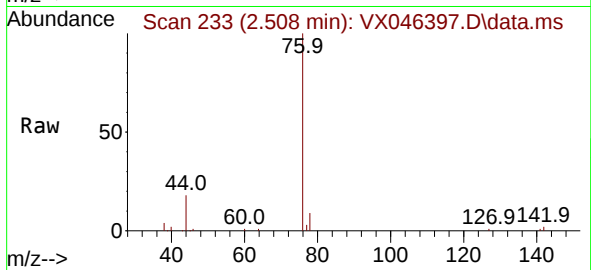
78 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#18

Methyl Acetate

Concen: 25.357 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX046397.D

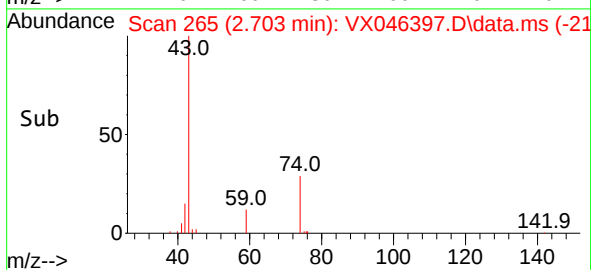
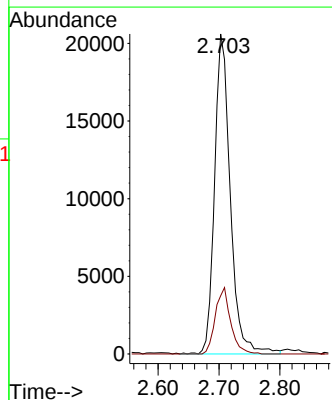
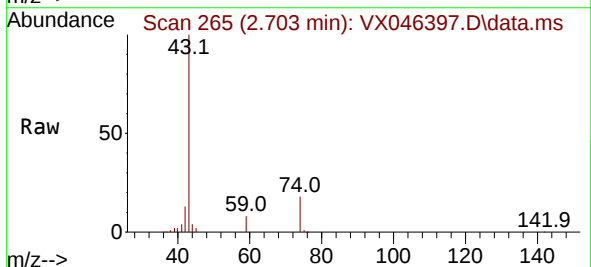
Acq: 29 May 2025 14:16

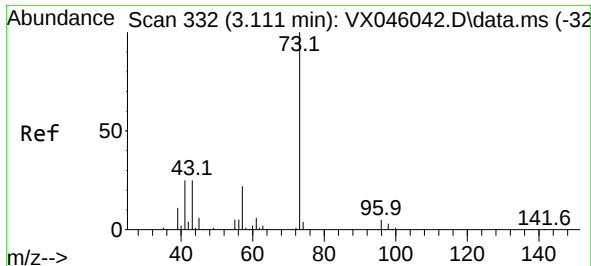
Tgt Ion: 43 Resp: 36906

Ion Ratio Lower Upper

43 100

74 20.2 16.7 25.1





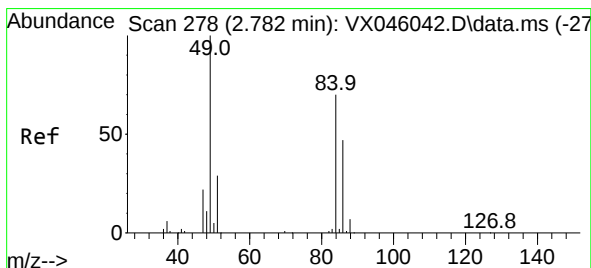
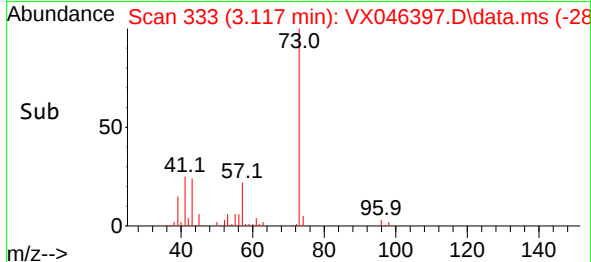
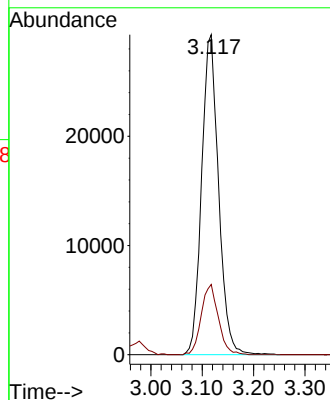
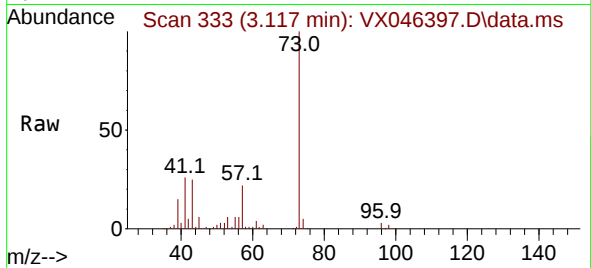
#19
Methyl tert-butyl Ether
Concen: 19.195 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01

Tgt Ion: 73 Resp: 66950
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

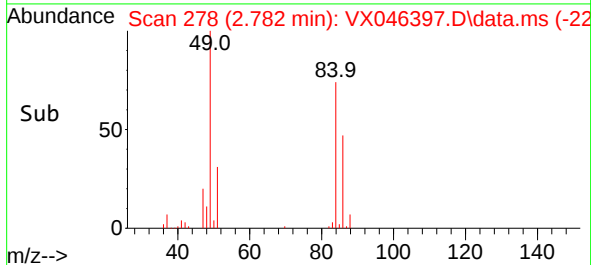
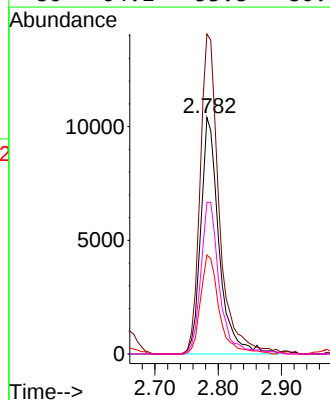
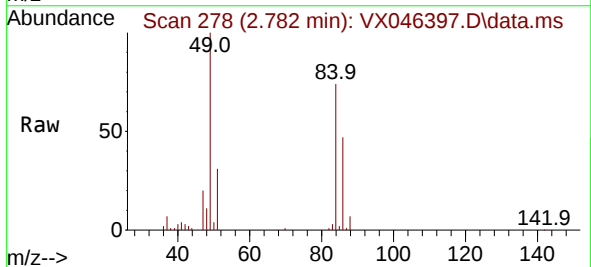
Manual Integrations
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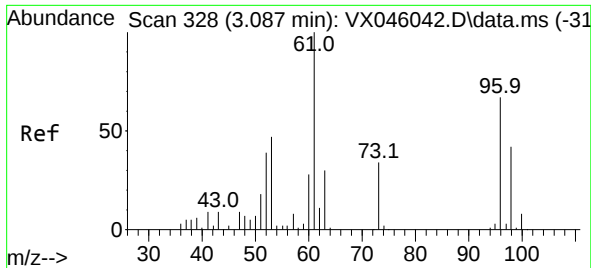
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#20
Methylene Chloride
Concen: 17.443 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

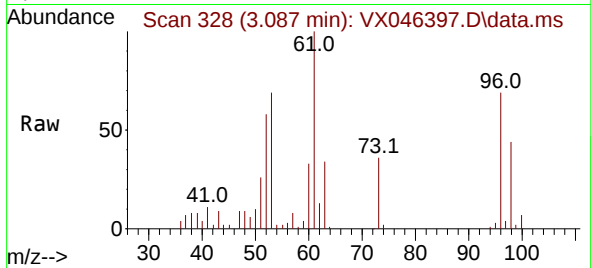
Tgt Ion: 84 Resp: 20965
Ion Ratio Lower Upper
84 100
49 135.3 113.9 170.9
51 41.8 33.5 50.3
86 64.1 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 17.680 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

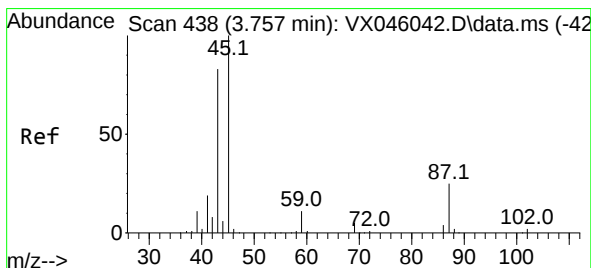
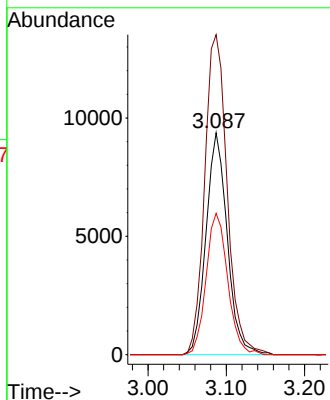
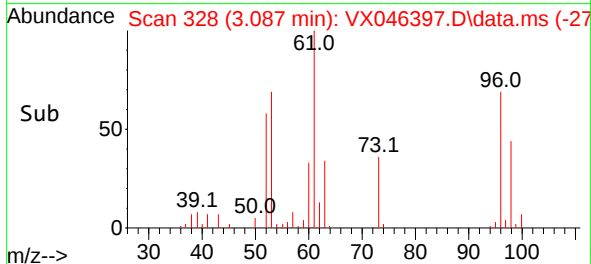
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



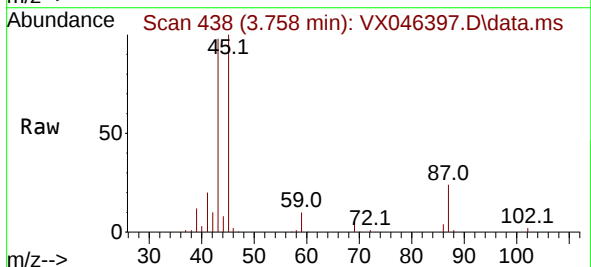
Tgt Ion: 96 Resp: 17690
Ion Ratio Lower Upper
96 100
61 144.2 119.5 179.3
98 63.7 50.0 75.0

Manual Integrations
APPROVED

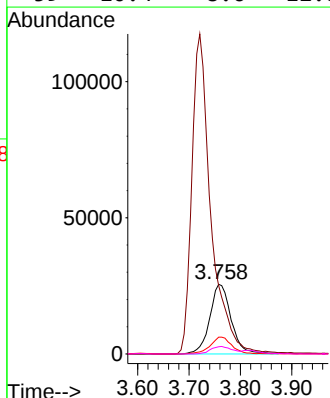
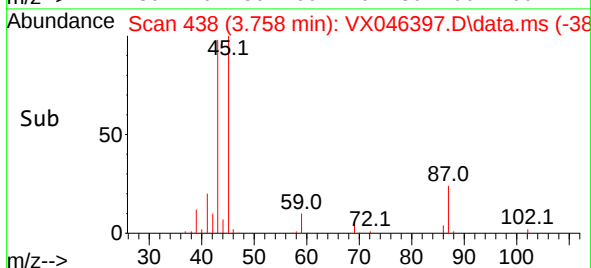
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

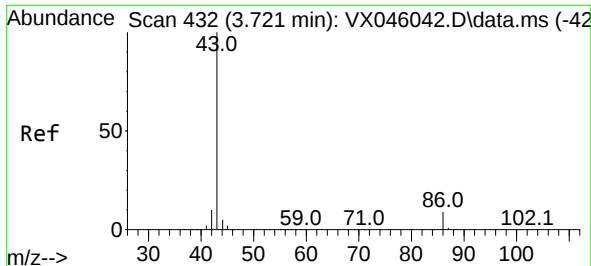


#22
Diisopropyl ether
Concen: 20.073 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16



Tgt Ion: 45 Resp: 73727
Ion Ratio Lower Upper
45 100
43 97.2 66.6 100.0
87 24.0 19.8 29.6
59 10.4 8.6 12.8





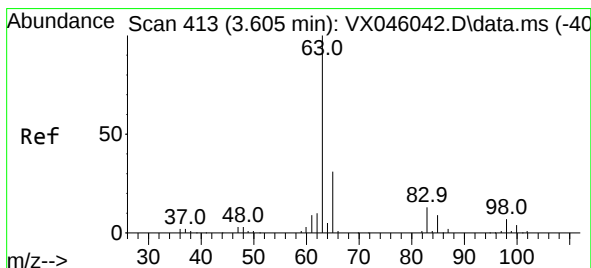
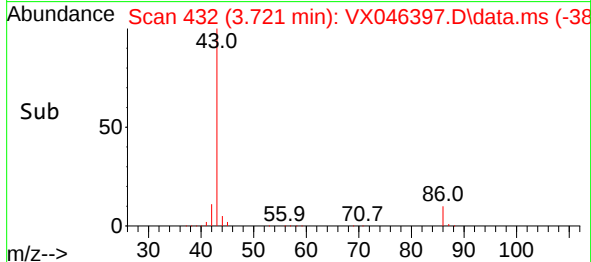
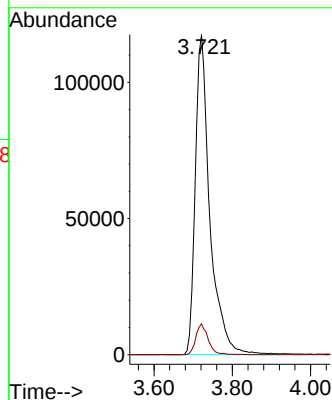
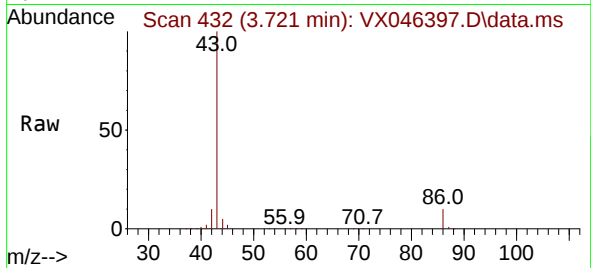
#23
 Vinyl Acetate
 Concen: 94.315 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046397.D
 Acq: 29 May 2025 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529MBS01

Tgt Ion: 43 Resp: 30468
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3

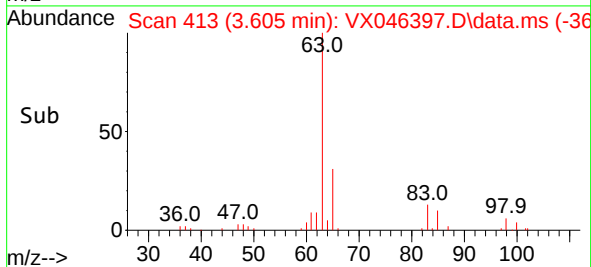
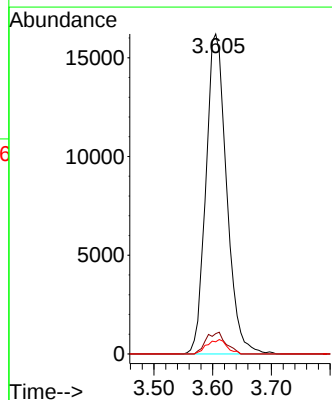
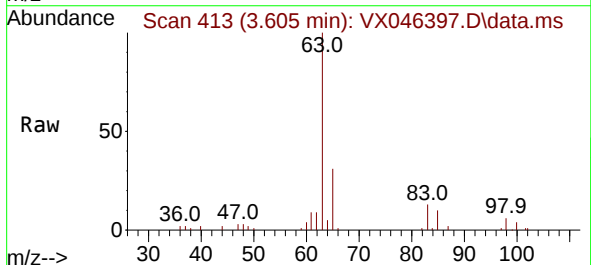
Manual Integrations
 APPROVED

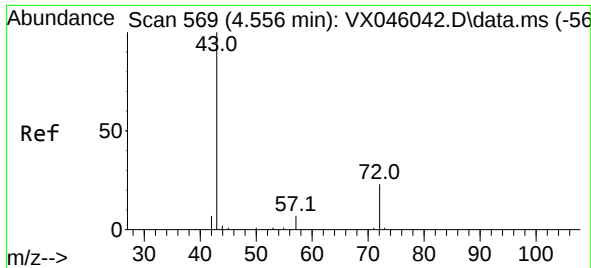
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#24
 1,1-Dichloroethane
 Concen: 19.431 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046397.D
 Acq: 29 May 2025 14:16

Tgt Ion: 63 Resp: 39751
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 3.8 2.1 6.3





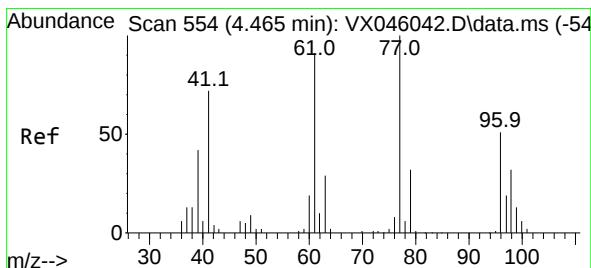
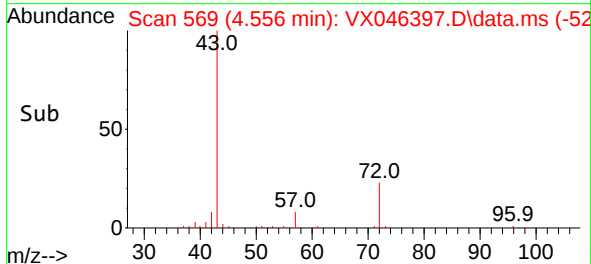
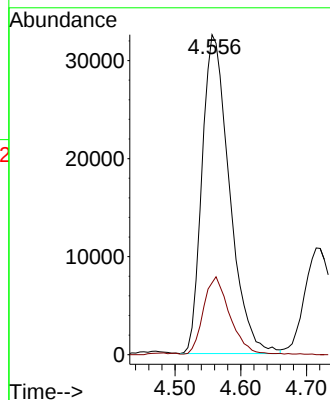
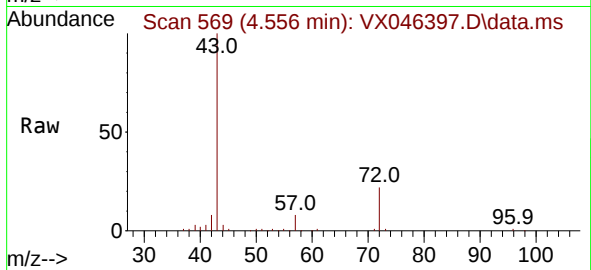
#25
2-Butanone
Concen: 103.740 ug/l
RT: 4.556 min Scan# 509
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01

Tgt Ion: 43 Resp: 9446
Ion Ratio Lower Upper
43 100
72 22.3 18.4 27.6

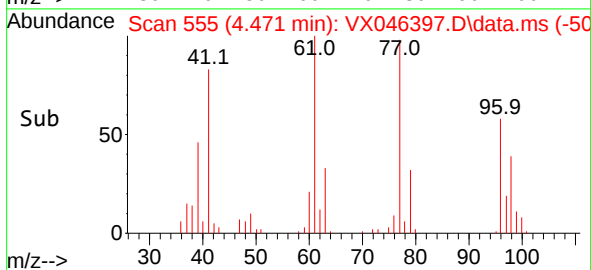
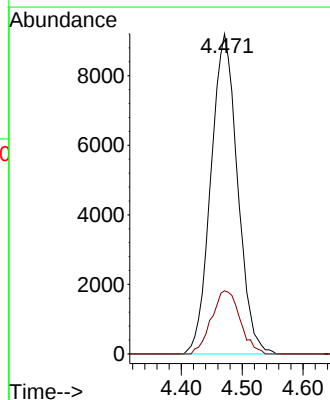
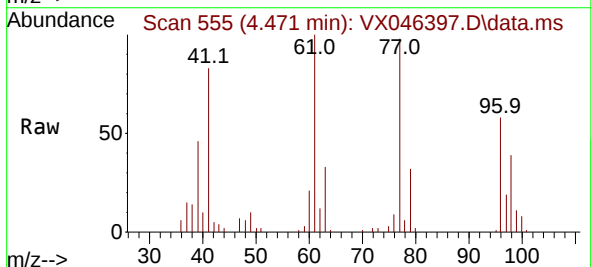
Manual Integrations
APPROVED

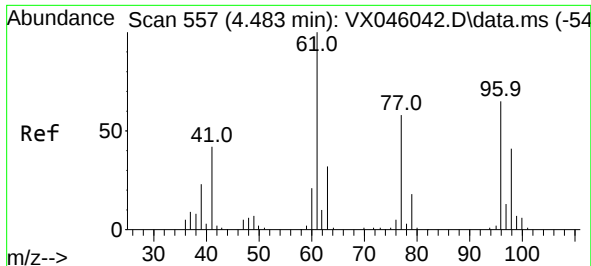
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#26
2,2-Dichloropropane
Concen: 17.493 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Tgt Ion: 77 Resp: 28010
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 19.085 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0529MBS01

Tgt Ion: 96 Resp: 2298

Ion Ratio Lower Upper

96 100

61 160.1 0.0 322.8

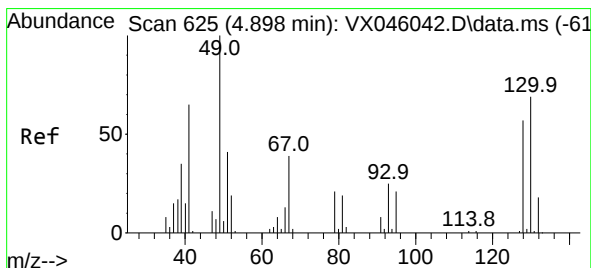
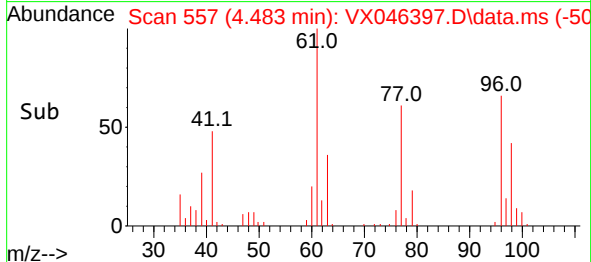
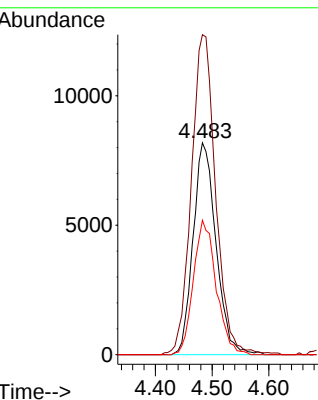
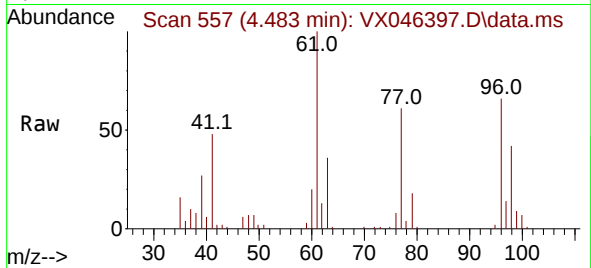
98 63.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#28

Bromochloromethane

Concen: 21.920 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

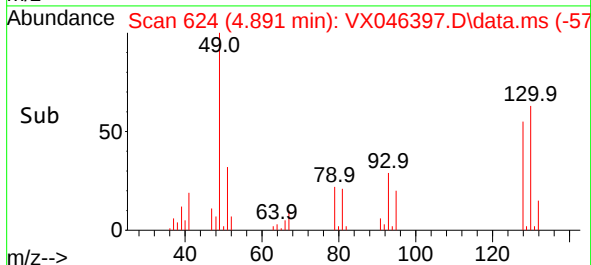
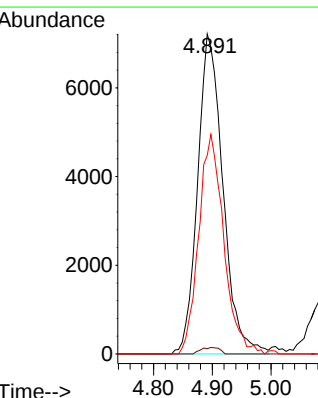
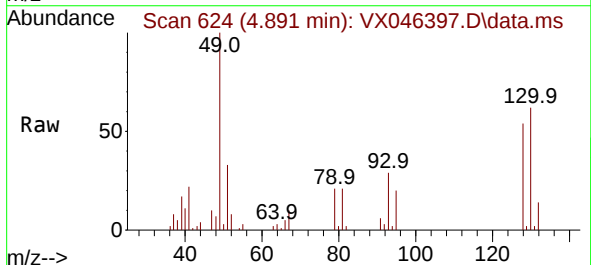
Tgt Ion: 49 Resp: 21585

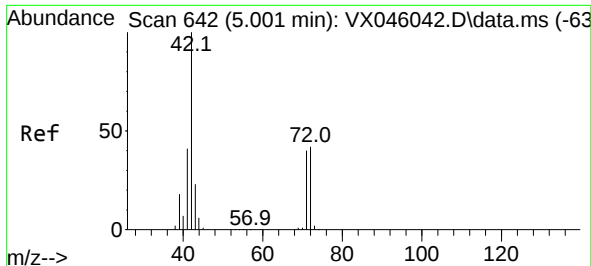
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.0

130 67.8 56.2 84.2





#29

Tetrahydrofuran

Concen: 103.656 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0529MBS01

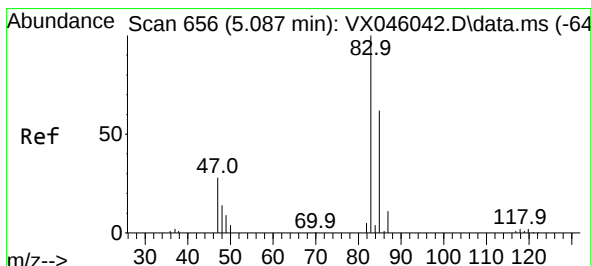
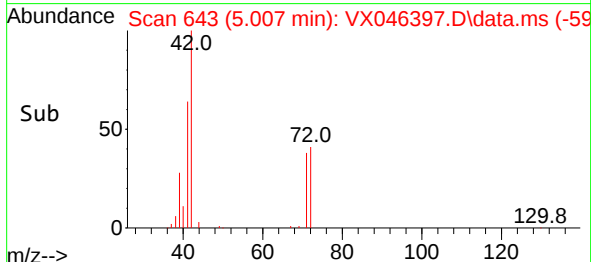
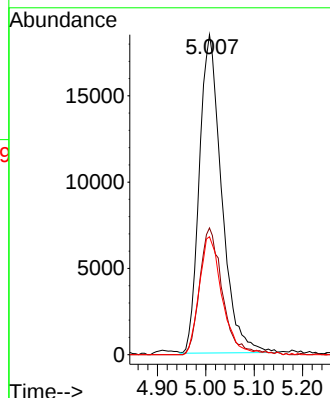
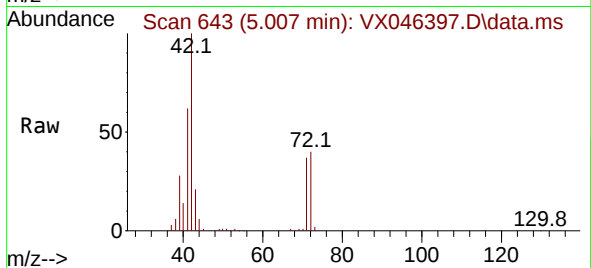
Tgt Ion:	42	Resp:	5914
Ion Ratio	Lower	Upper	
42	100		
72	40.8	33.7	50.5
71	38.5	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#30

Chloroform

Concen: 20.023 ug/l

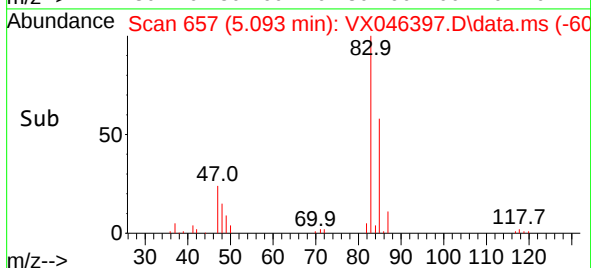
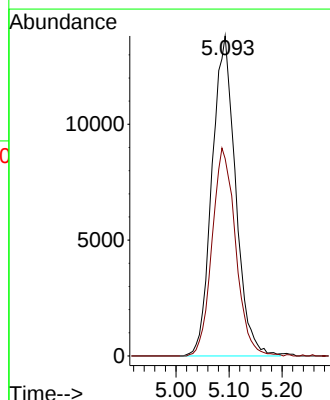
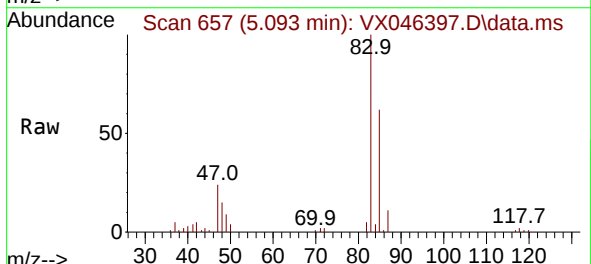
RT: 5.093 min Scan# 657

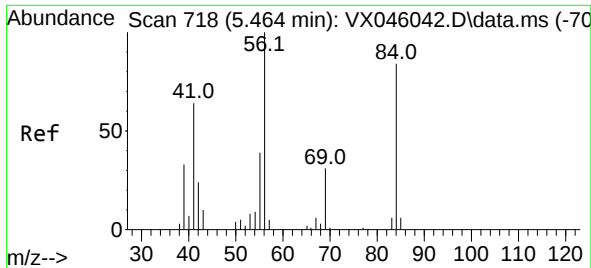
Delta R.T. 0.006 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

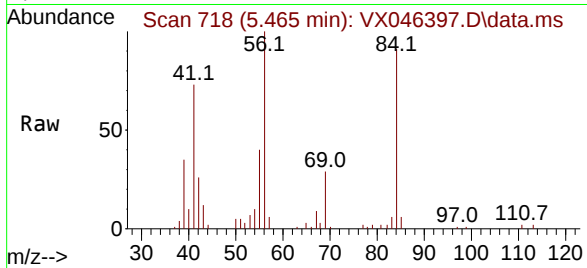
Tgt Ion:	83	Resp:	42695
Ion Ratio	Lower	Upper	
83	100		
85	61.7	49.3	73.9





#31
Cyclohexane
Concen: 17.016 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

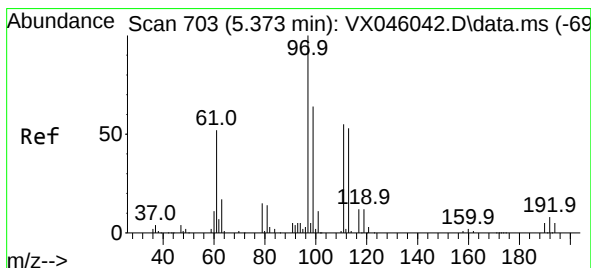
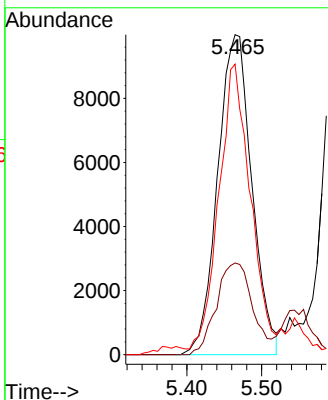
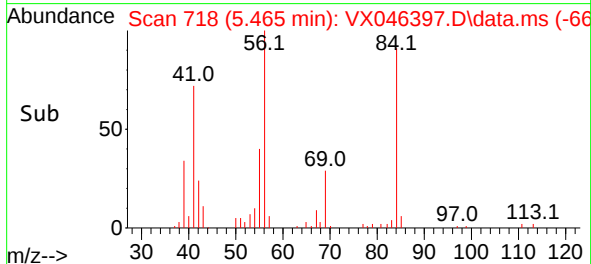
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



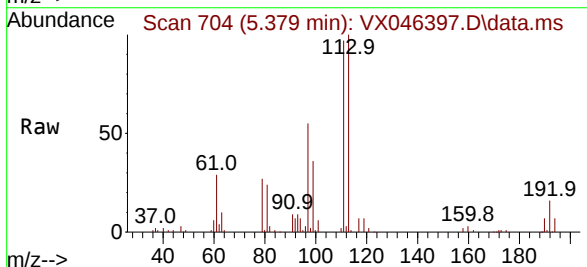
Tgt Ion: 56 Resp: 3172
Ion Ratio Lower Upper
56 100
69 28.6 24.4 36.6
84 88.3 66.9 100.3

Manual Integrations
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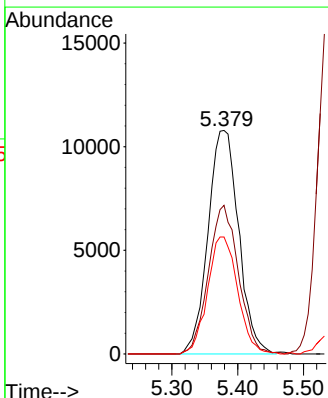
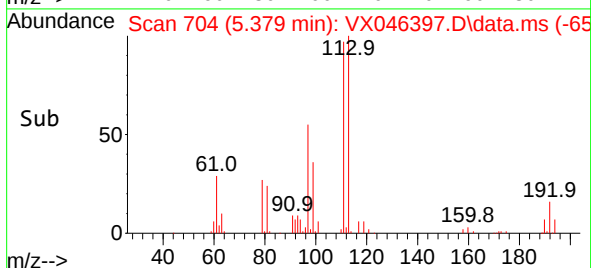
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

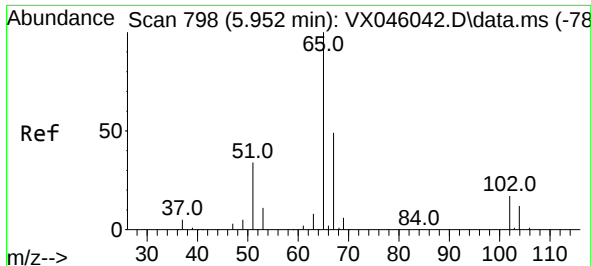


#32
1,1,1-Trichloroethane
Concen: 18.903 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16



Tgt Ion: 97 Resp: 34941
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 51.4 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 52.934 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0529MBS01

Tgt Ion: 65 Resp: 82804

Ion Ratio Lower Upper

65 100

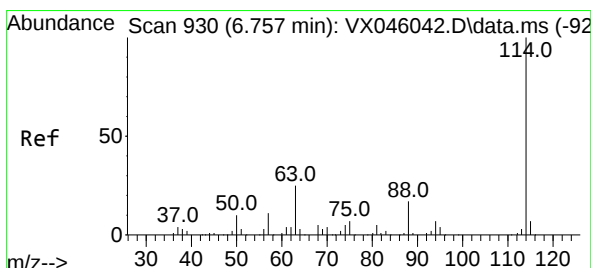
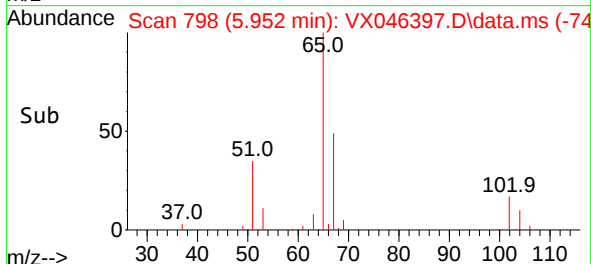
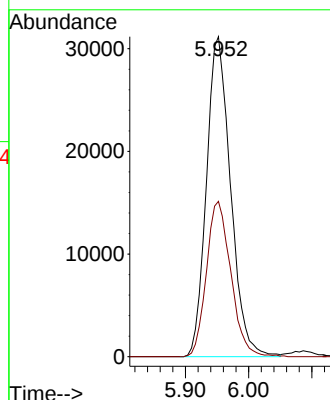
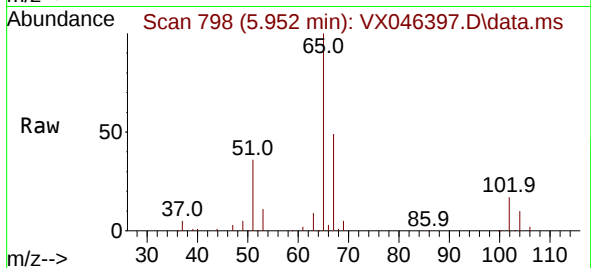
67 49.0 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

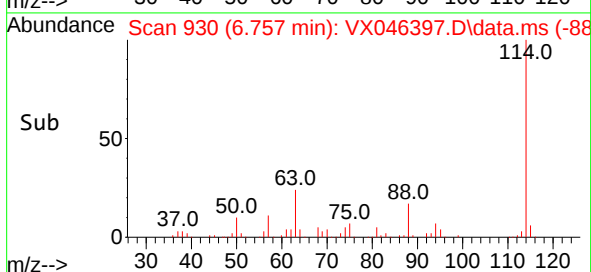
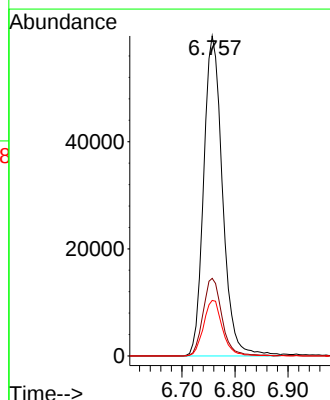
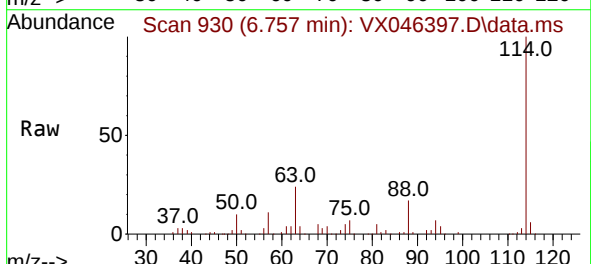
Tgt Ion:114 Resp: 147727

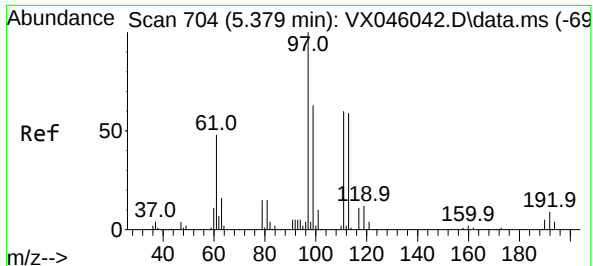
Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

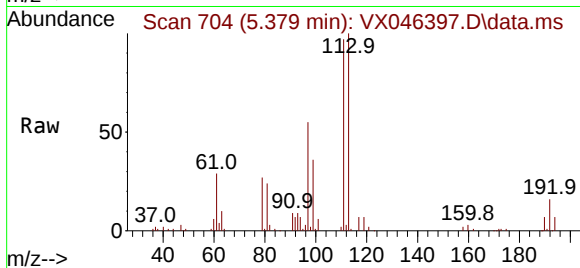
88 17.4 0.0 33.6





#35
Dibromofluoromethane
Concen: 53.493 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

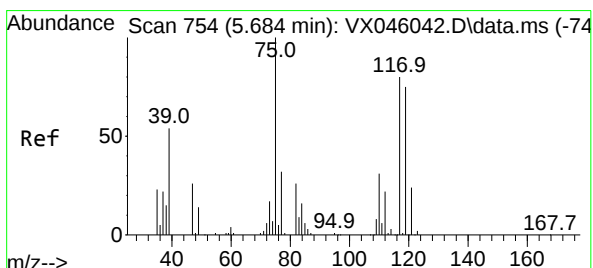
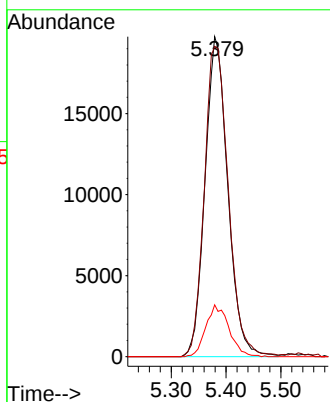
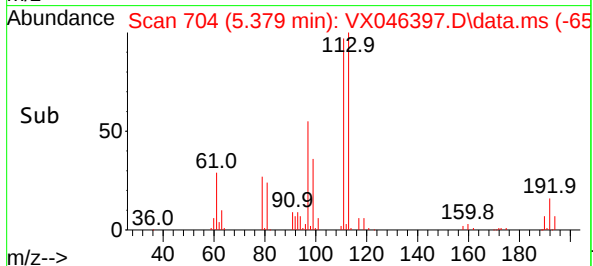
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



Tgt Ion: 113 Resp: 5690
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 16.5 13.3 19.9

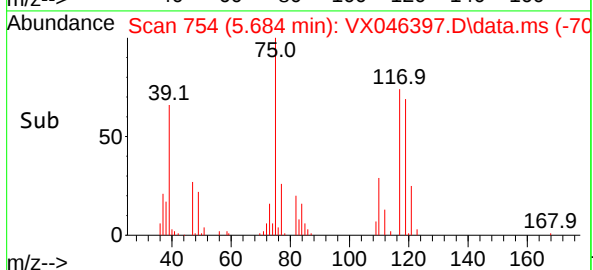
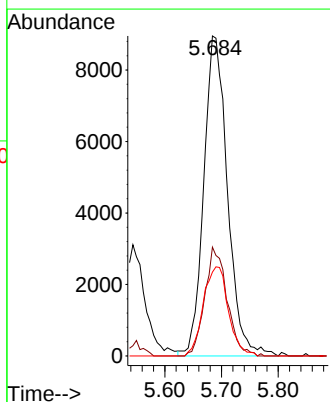
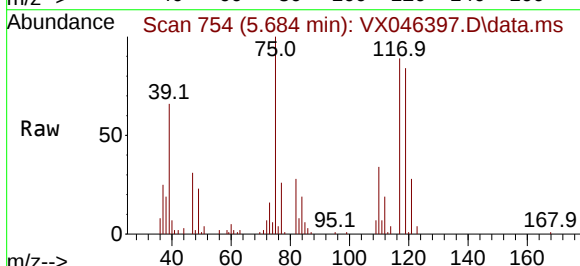
Manual Integrations
APPROVED

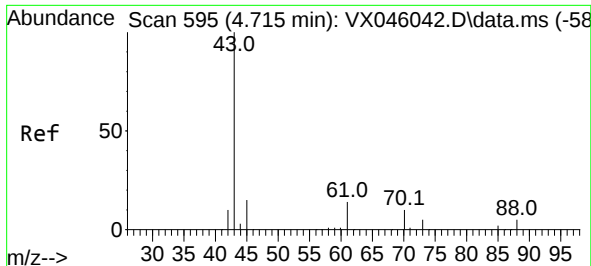
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#36
1,1-Dichloropropene
Concen: 18.212 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

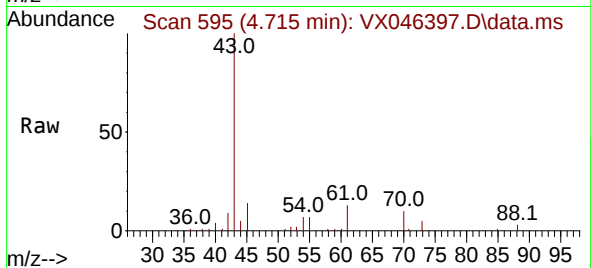
Tgt Ion: 75 Resp: 26031
Ion Ratio Lower Upper
75 100
110 31.9 16.3 48.9
77 29.4 24.3 36.5





#37
Ethyl Acetate
Concen: 19.432 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

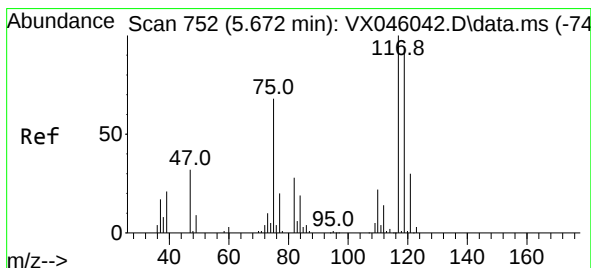
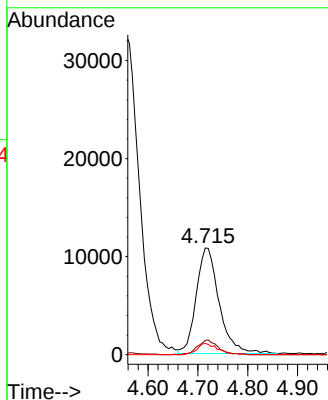
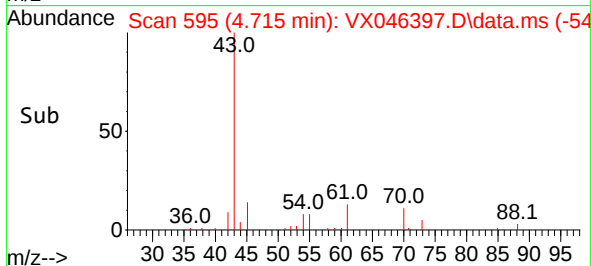
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



Tgt Ion: 43 Resp: 3431
Ion Ratio Lower Upper
43 100
61 12.5 10.3 15.5
70 9.7 7.9 11.9

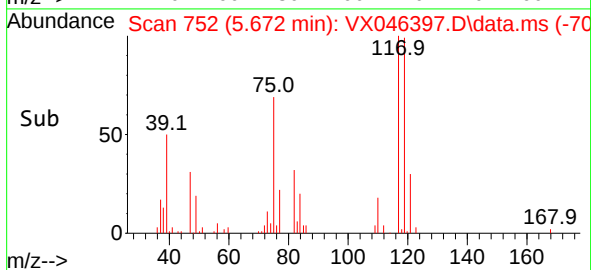
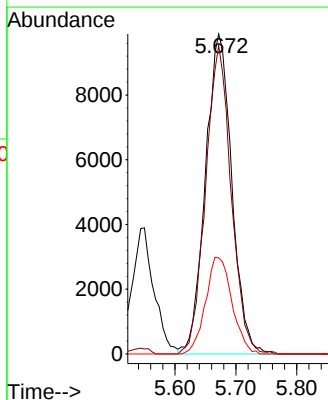
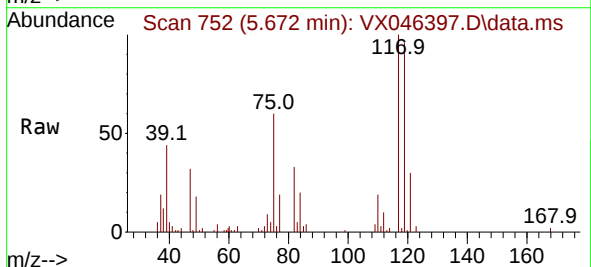
Manual Integrations
APPROVED

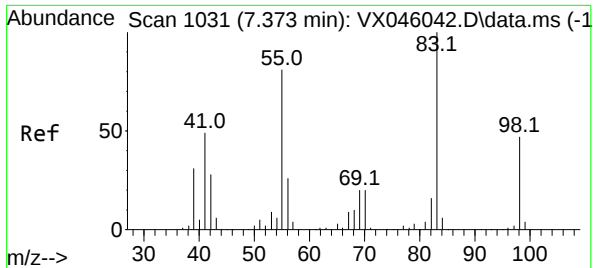
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#38
Carbon Tetrachloride
Concen: 18.514 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Tgt Ion:117 Resp: 29732
Ion Ratio Lower Upper
117 100
119 96.4 75.2 112.8
121 30.0 24.2 36.4





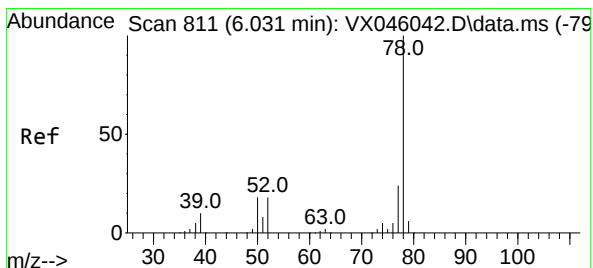
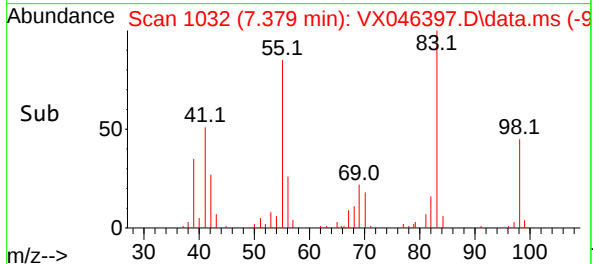
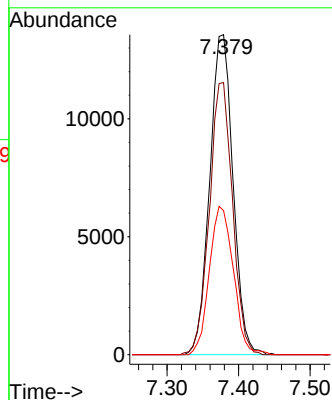
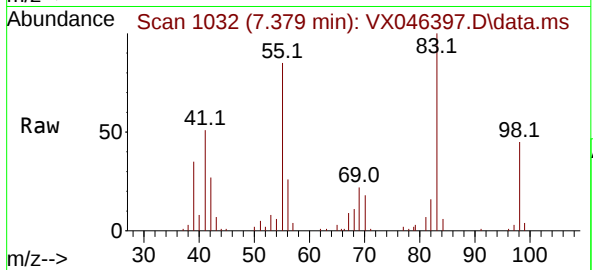
#39
Methylcyclohexane
Concen: 16.730 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01

Tgt Ion: 83 Resp: 30780
Ion Ratio Lower Upper
83 100
55 85.1 64.7 97.1
98 45.0 37.4 56.2

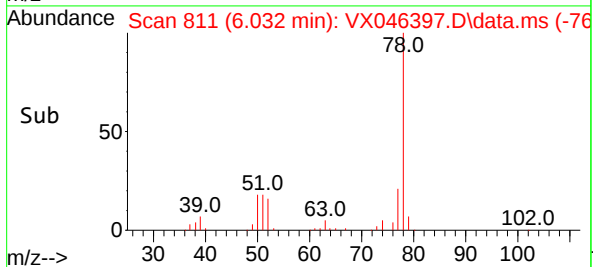
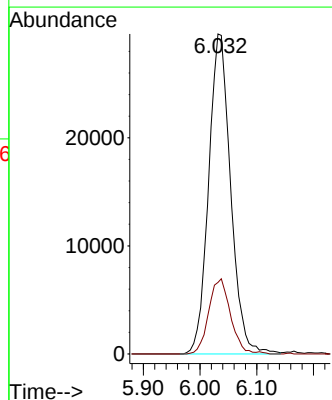
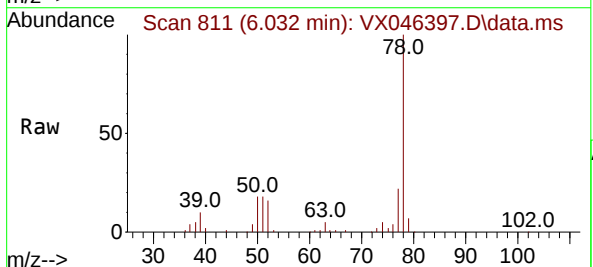
Manual Integrations
APPROVED

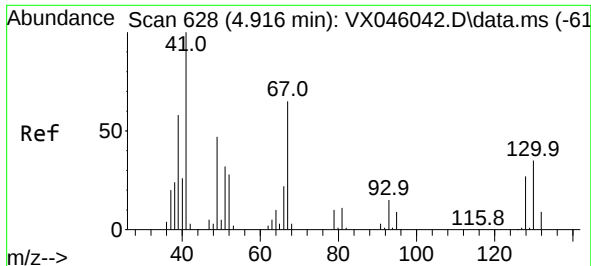
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#40
Benzene
Concen: 19.076 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

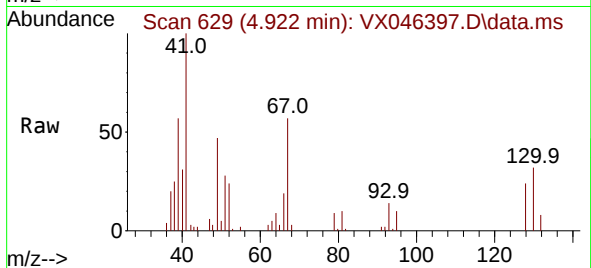
Tgt Ion: 78 Resp: 79865
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.4





#41
Methacrylonitrile
Concen: 21.132 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

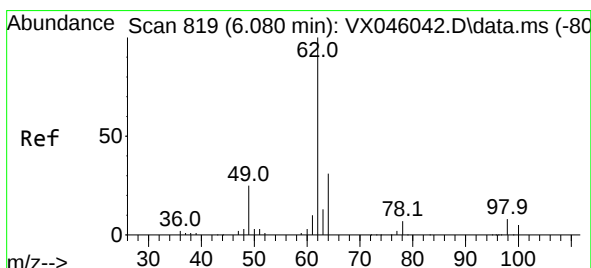
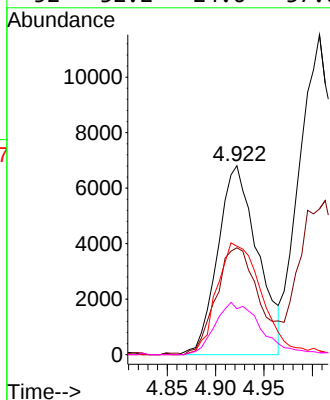
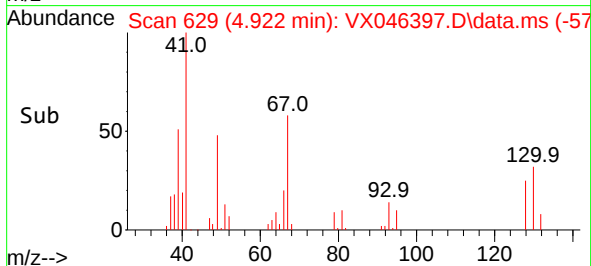
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



Tgt Ion:	41	Resp:	1952
Ion Ratio	100	Lower	Upper
39	58.4	47.2	70.8
67	67.4	50.7	76.1
52	32.2	24.6	37.0

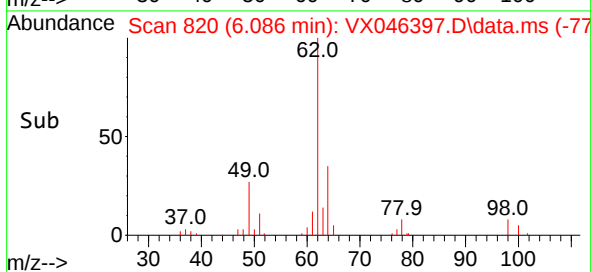
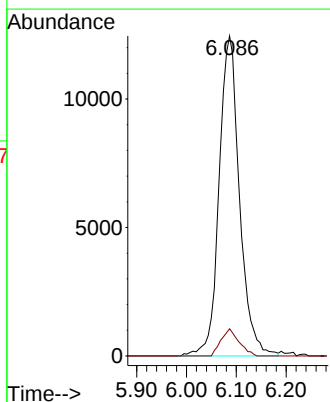
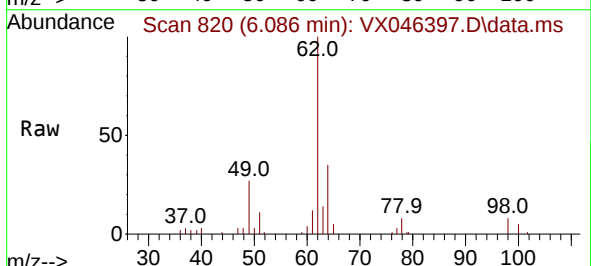
Manual Integrations
APPROVED

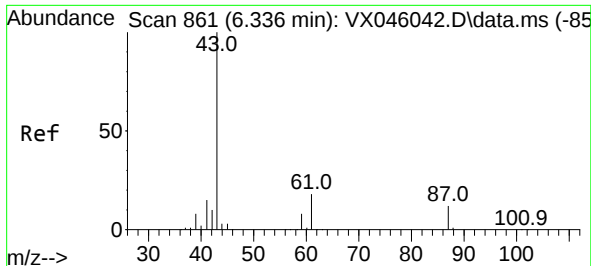
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#42
1,2-Dichloroethane
Concen: 19.619 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

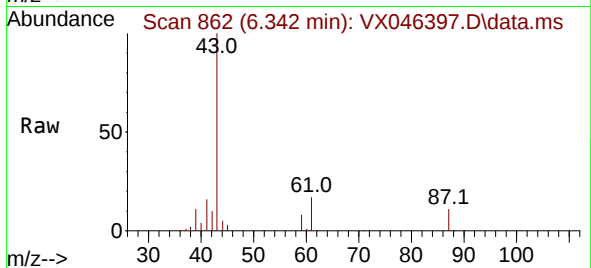
Tgt Ion:	62	Resp:	35450
Ion Ratio	100	Lower	Upper
98	7.4	0.0	15.2





#43
Isopropyl Acetate
Concen: 19.795 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

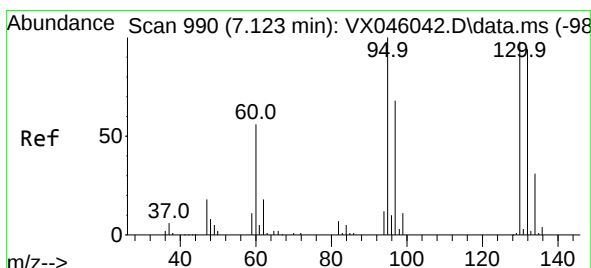
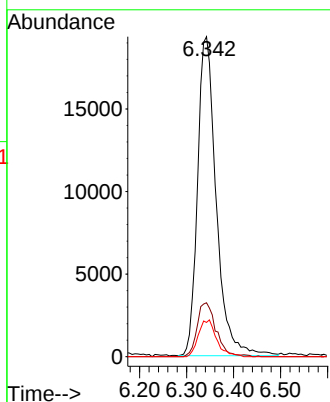
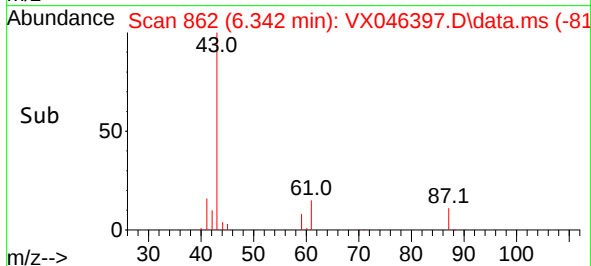
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



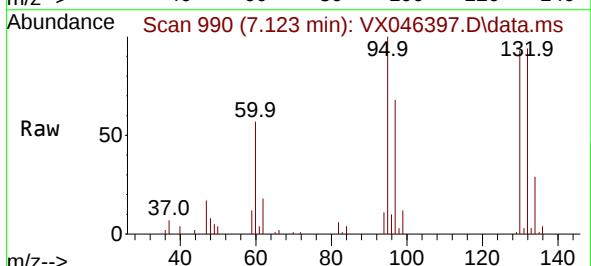
Tgt Ion: 43 Resp: 53328
Ion Ratio Lower Upper
43 100
61 17.2 14.3 21.5
87 11.2 9.5 14.3

Manual Integrations
APPROVED

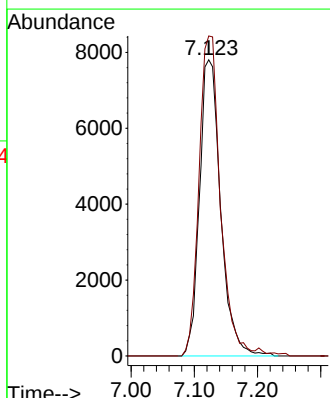
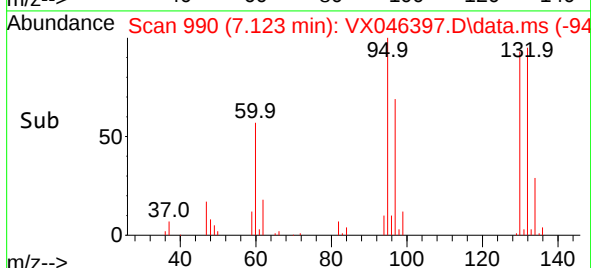
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

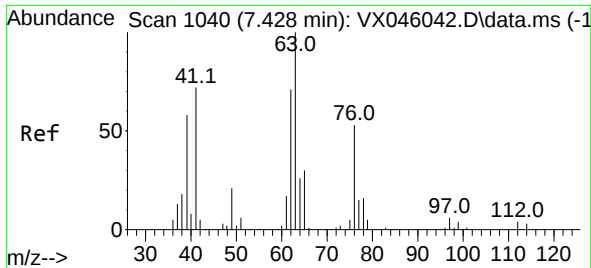


#44
Trichloroethene
Concen: 18.082 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16



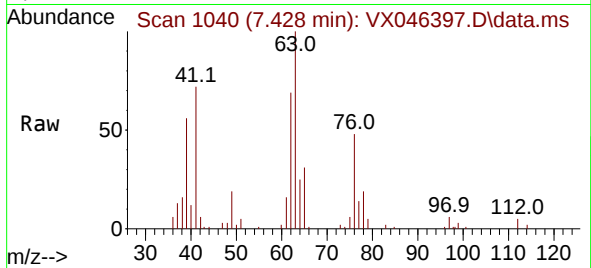
Tgt Ion:130 Resp: 18220
Ion Ratio Lower Upper
130 100
95 108.0 0.0 204.2





#45
1,2-Dichloropropane
Concen: 20.300 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

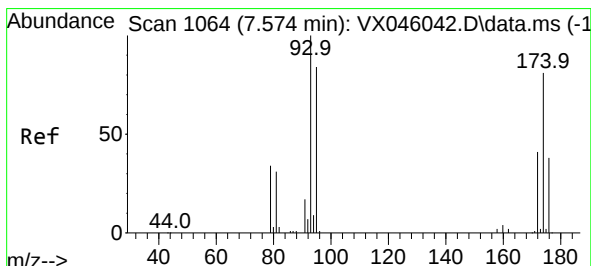
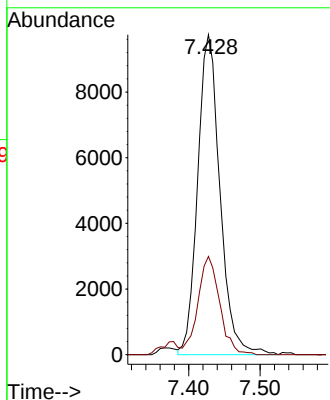
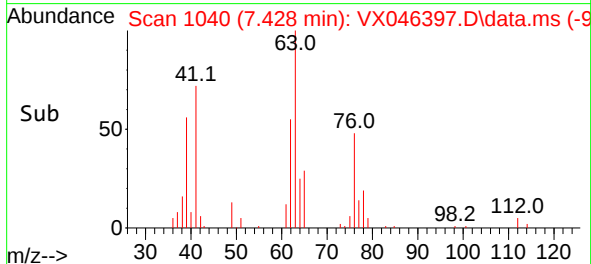
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



Tgt Ion: 63 Resp: 2113
Ion Ratio Lower Upper
63 100
65 30.7 24.1 36.1

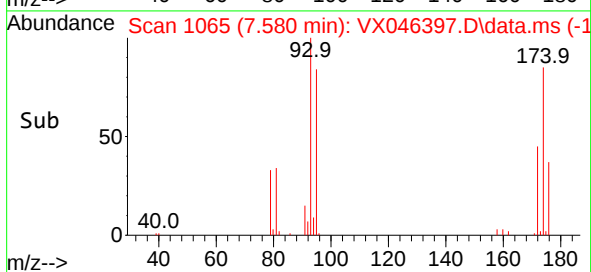
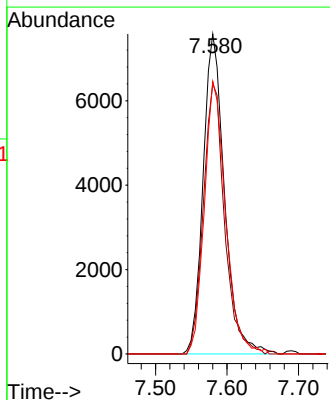
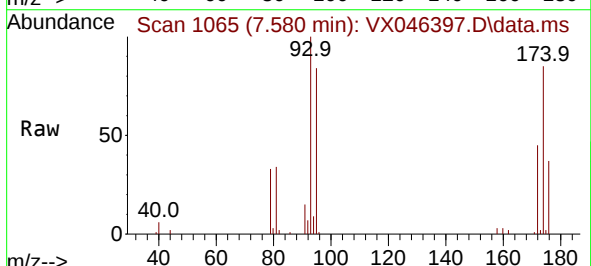
Manual Integrations
APPROVED

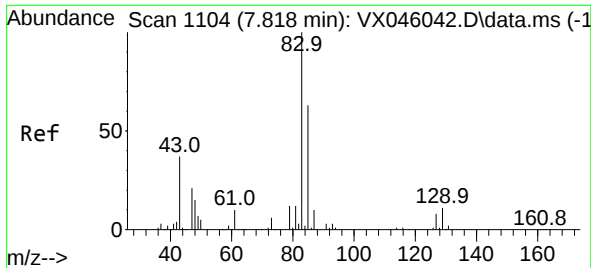
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#46
Dibromomethane
Concen: 19.168 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Tgt Ion: 93 Resp: 15738
Ion Ratio Lower Upper
93 100
95 83.7 65.6 98.4
174 84.8 68.2 102.2





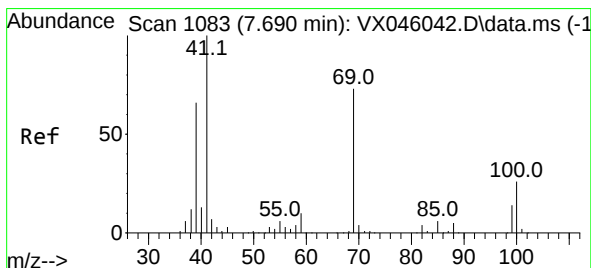
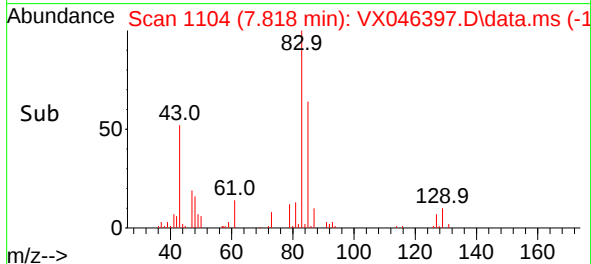
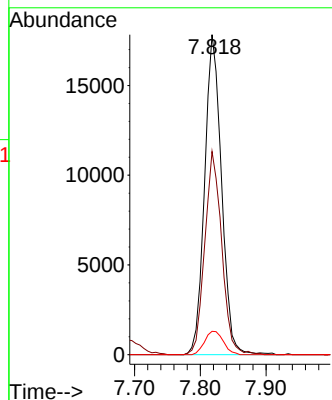
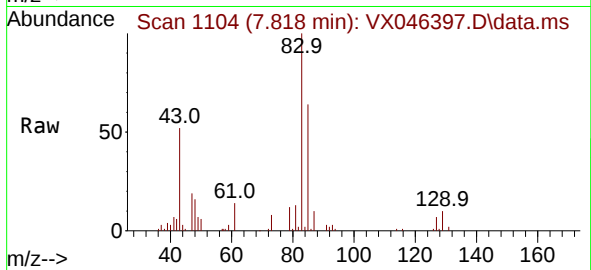
#47
Bromodichloromethane
Concen: 19.740 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01

Tgt Ion: 83 Resp: 3192
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 7.3 6.5 9.7

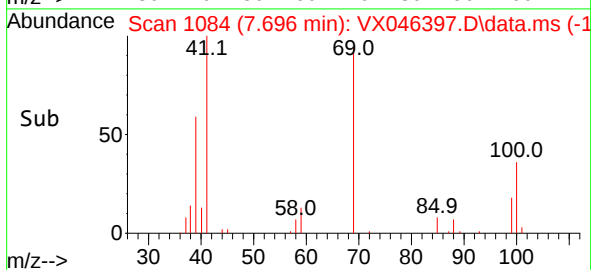
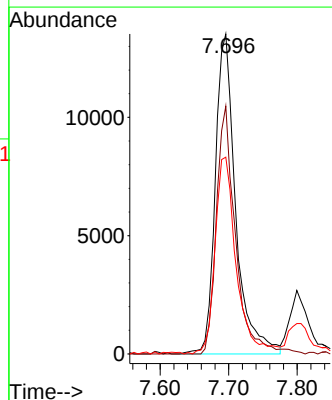
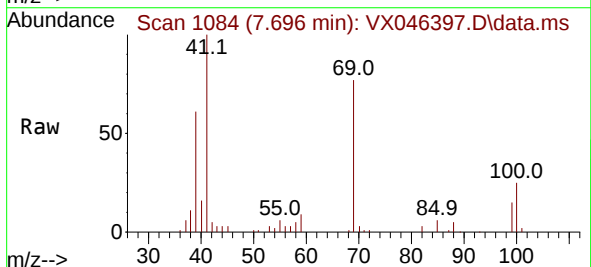
Manual Integrations
APPROVED

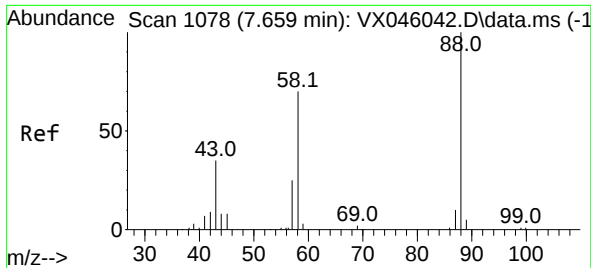
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48
Methyl methacrylate
Concen: 20.281 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Tgt Ion: 41 Resp: 27903
Ion Ratio Lower Upper
41 100
69 72.9 58.5 87.7
39 64.3 51.7 77.5





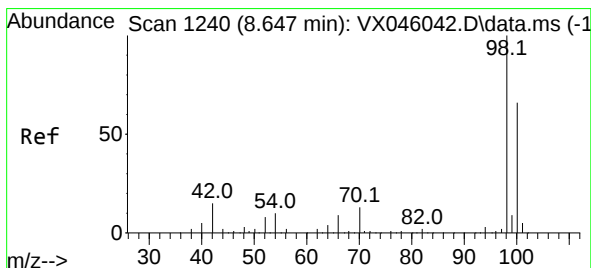
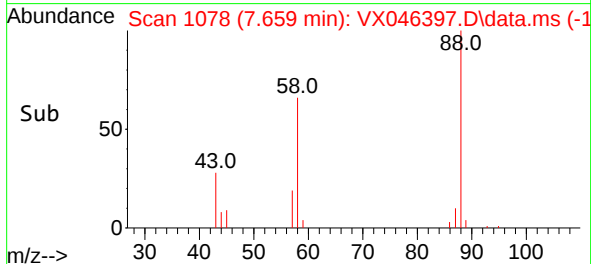
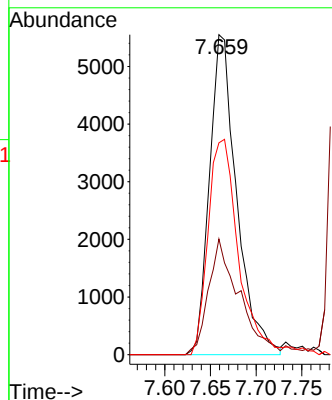
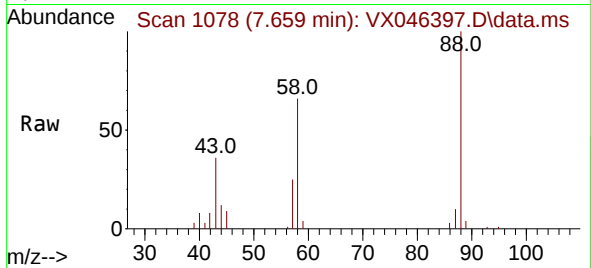
#49
1,4-Dioxane
Concen: 439.908 ug/l
RT: 7.659 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01

Tgt Ion: 88 Resp: 1149
Ion Ratio Lower Upper
88 100
43 40.6 33.4 50.2
58 76.3 58.6 88.0

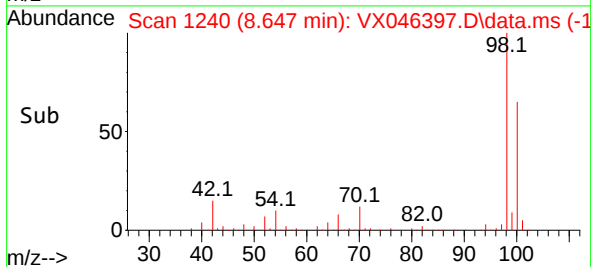
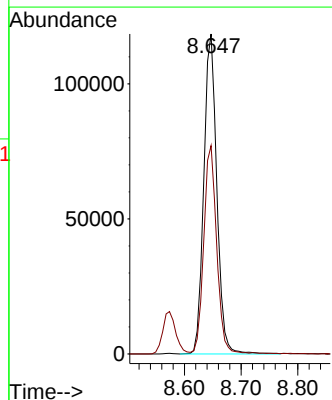
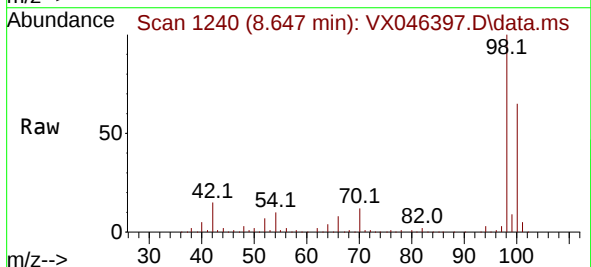
Manual Integrations
APPROVED

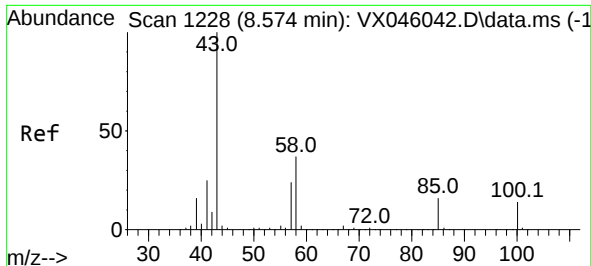
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#50
Toluene-d8
Concen: 51.356 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Tgt Ion: 98 Resp: 189087
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3





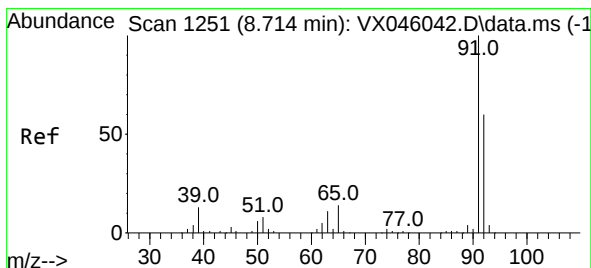
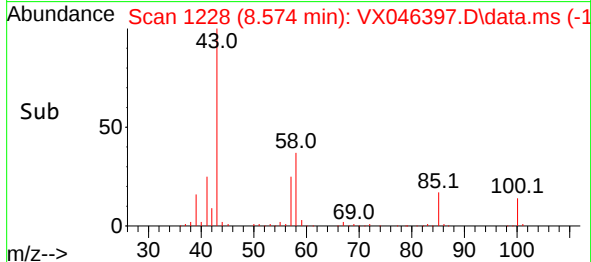
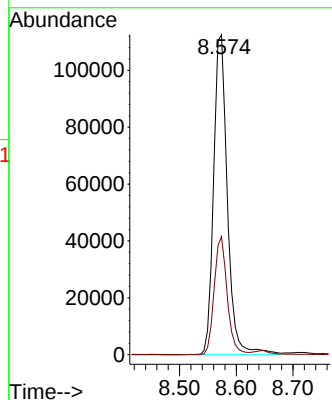
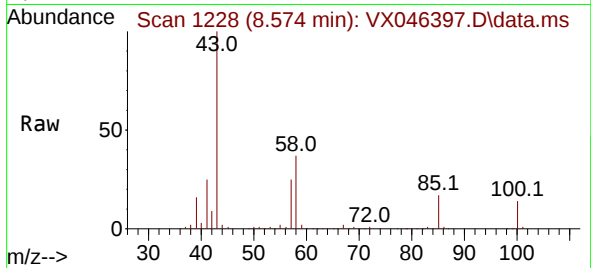
#51
4-Methyl-2-Pentanone
Concen: 106.199 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01

Tgt Ion: 43 Resp: 189910
Ion Ratio Lower Upper
43 100
58 34.9 28.9 43.3

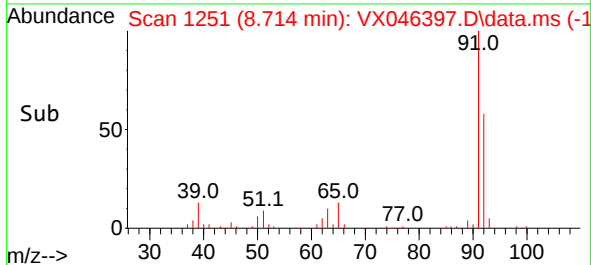
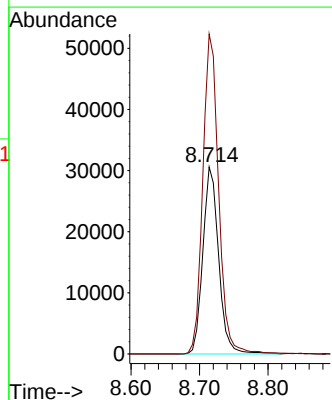
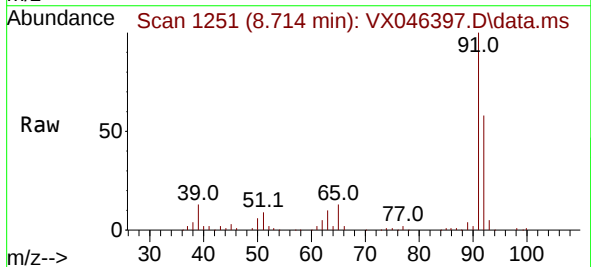
Manual Integrations
APPROVED

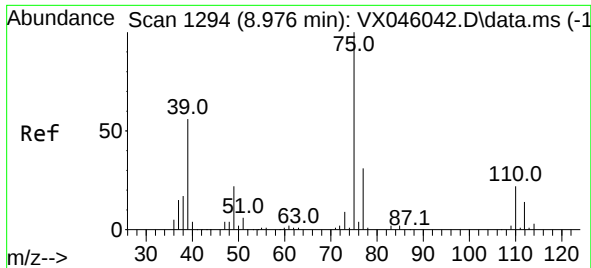
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#52
Toluene
Concen: 19.091 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

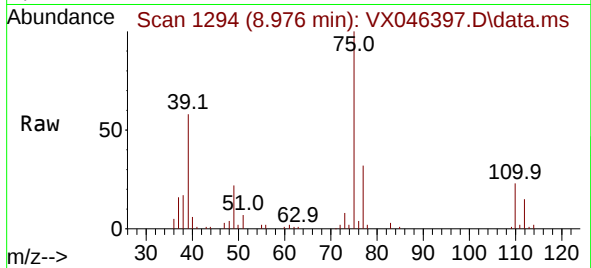
Tgt Ion: 92 Resp: 49009
Ion Ratio Lower Upper
92 100
91 172.3 136.6 205.0





#53
 t-1,3-Dichloropropene
 Concen: 18.114 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX046397.D
 Acq: 29 May 2025 14:16

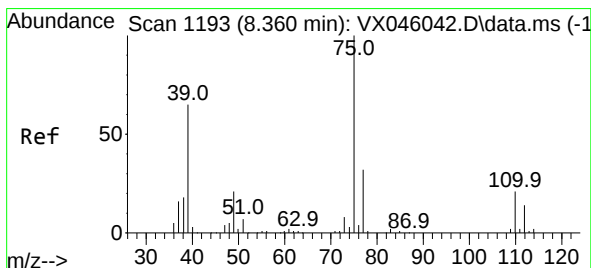
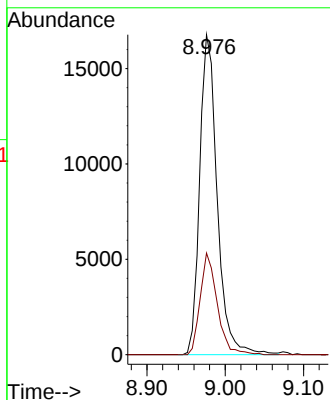
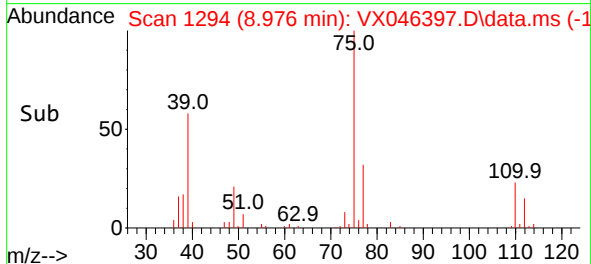
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529MBS01



Tgt Ion: 75 Resp: 2603
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.6

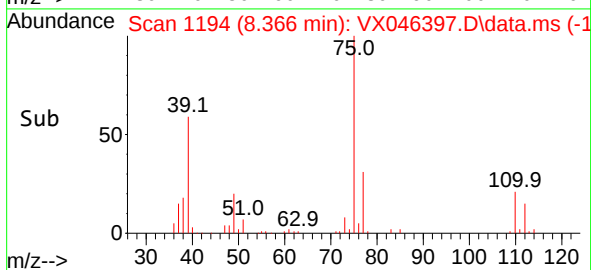
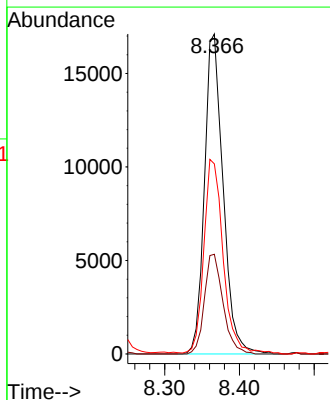
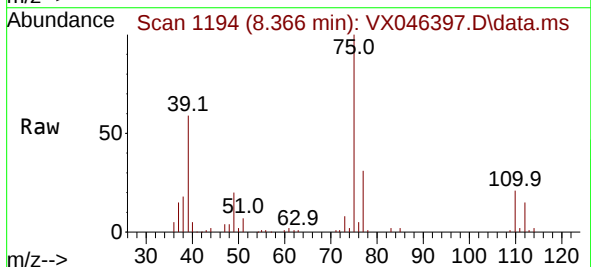
Manual Integrations
 APPROVED

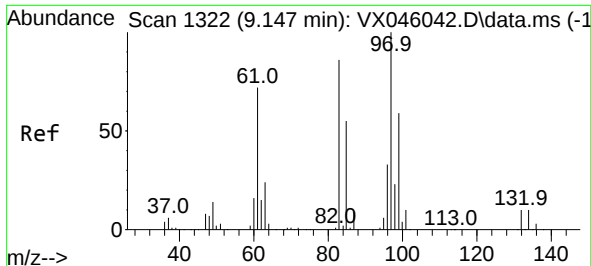
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#54
 cis-1,3-Dichloropropene
 Concen: 18.614 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX046397.D
 Acq: 29 May 2025 14:16

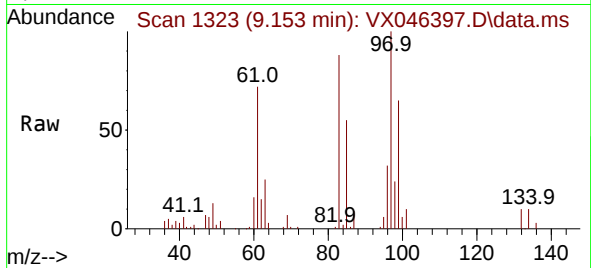
Tgt Ion: 75 Resp: 29572
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 59.0 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 20.413 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

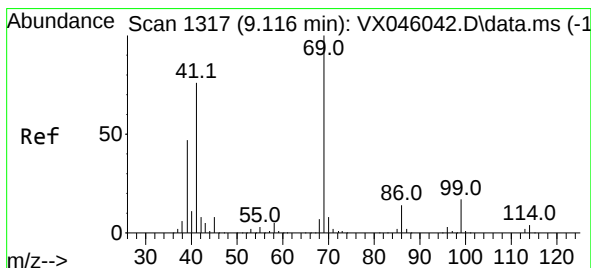
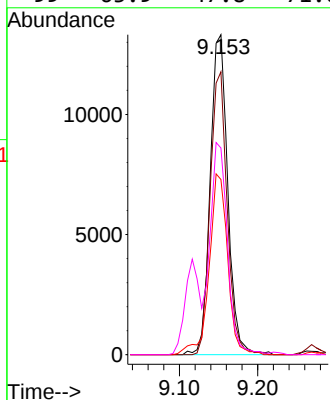
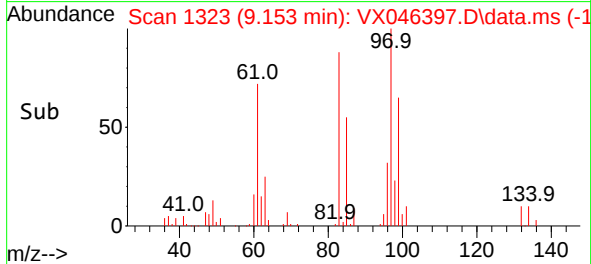
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.0	103.6
85	54.8	44.3	66.5
99	63.9	47.8	71.6

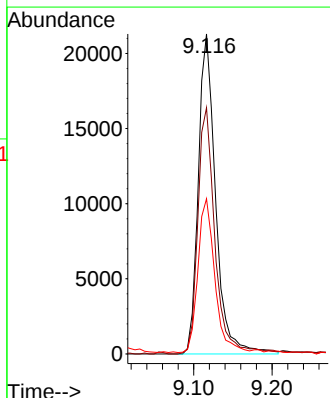
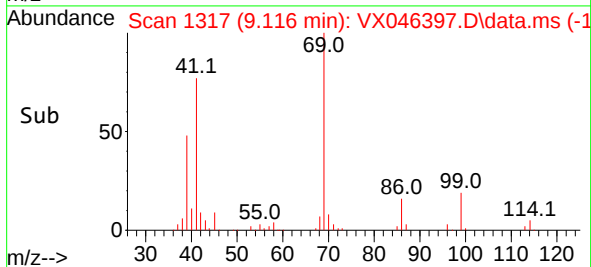
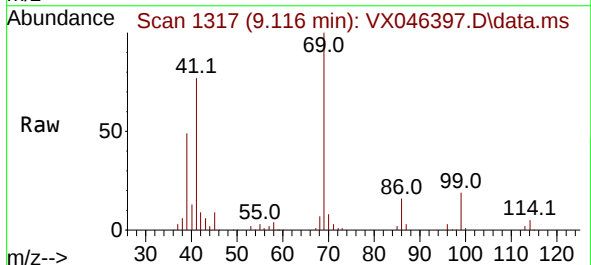
Manual Integrations
APPROVED

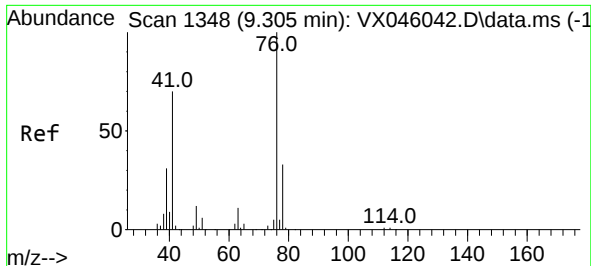
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
Ethyl methacrylate
Concen: 20.308 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.2	60.8	91.2
39	46.6	39.0	58.6





#57

1,3-Dichloropropane

Concen: 19.781 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0529MBS01

Tgt Ion: 76 Resp: 3595

Ion Ratio Lower Upper

76 100

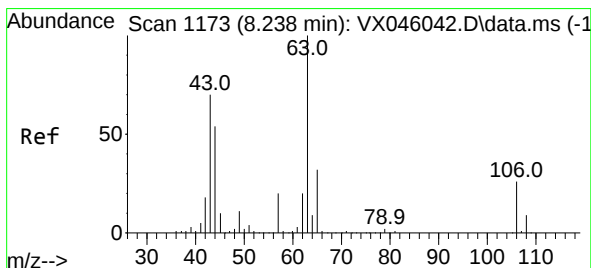
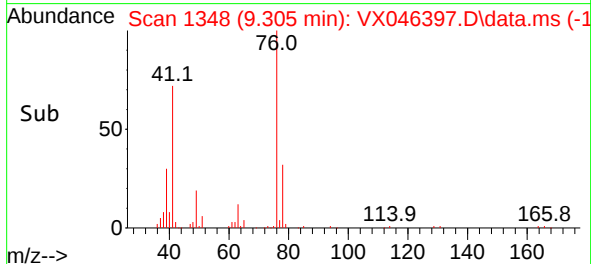
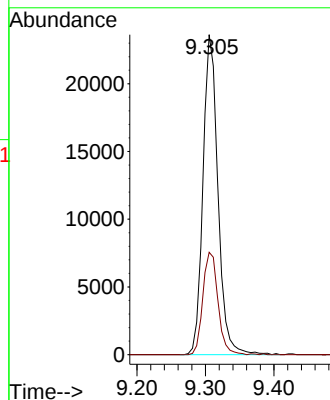
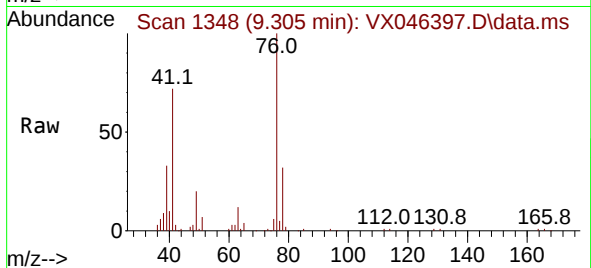
78 32.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 106.228 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046397.D

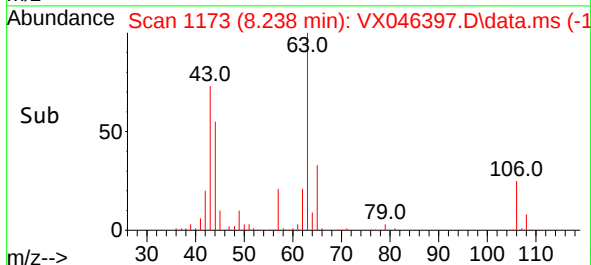
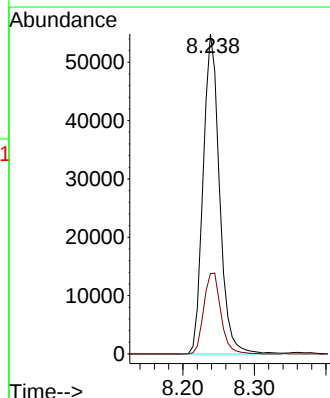
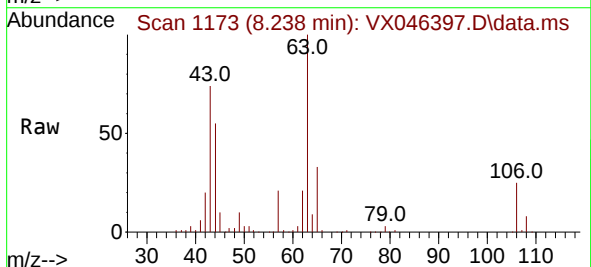
Acq: 29 May 2025 14:16

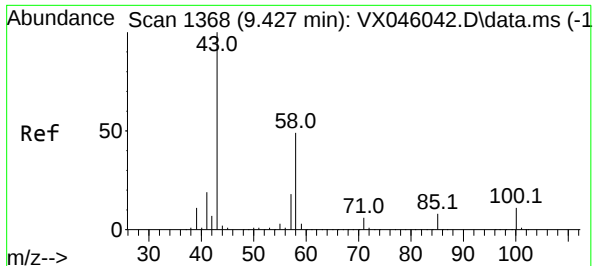
Tgt Ion: 63 Resp: 87370

Ion Ratio Lower Upper

63 100

106 26.3 21.5 32.3





#59

2-Hexanone

Concen: 107.064 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0529MBS01

Tgt Ion: 43 Resp: 141640

Ion Ratio Lower Upper

43 100

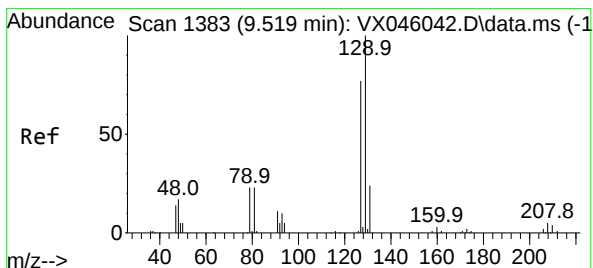
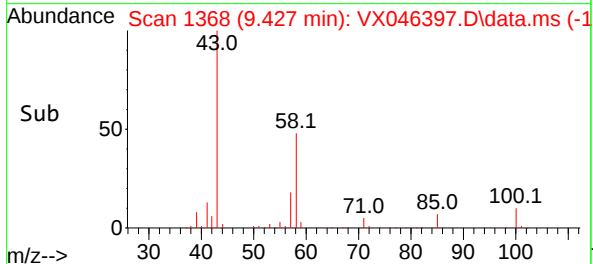
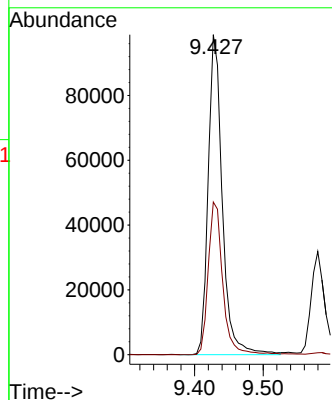
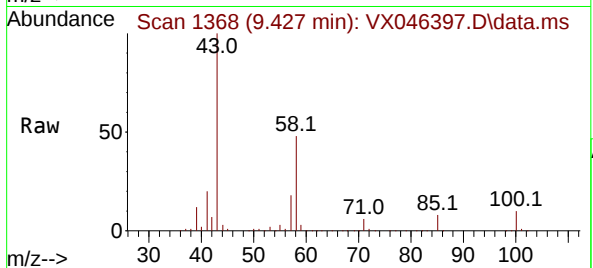
58 49.5 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#60

Dibromochloromethane

Concen: 19.418 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX046397.D

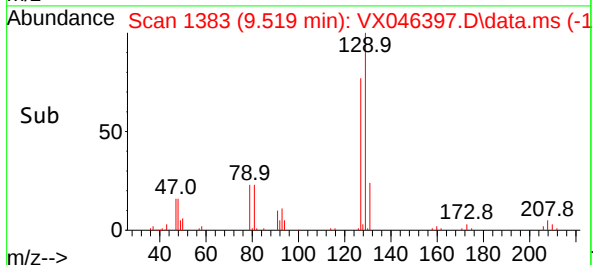
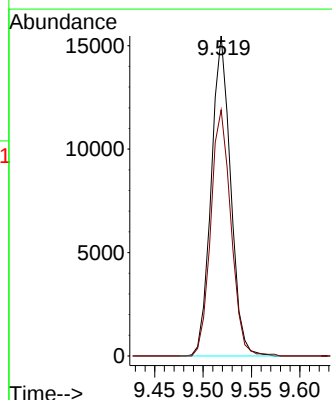
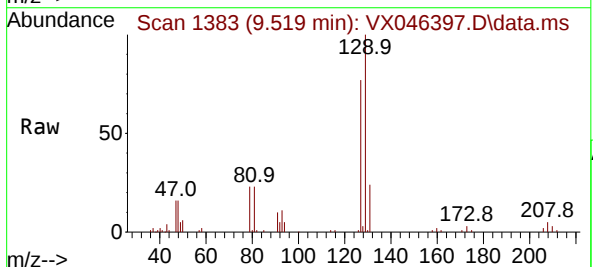
Acq: 29 May 2025 14:16

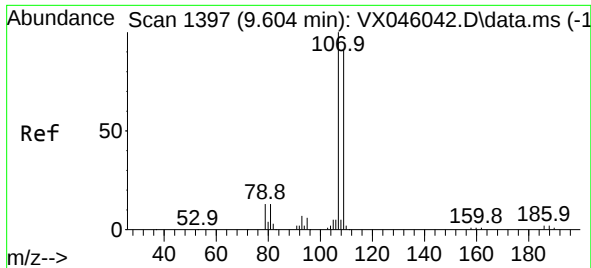
Tgt Ion:129 Resp: 21586

Ion Ratio Lower Upper

129 100

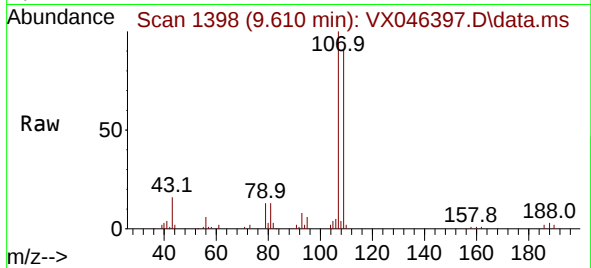
127 79.9 39.3 117.8





#61
1,2-Dibromoethane
Concen: 19.776 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

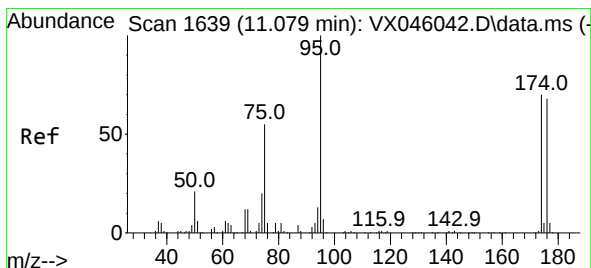
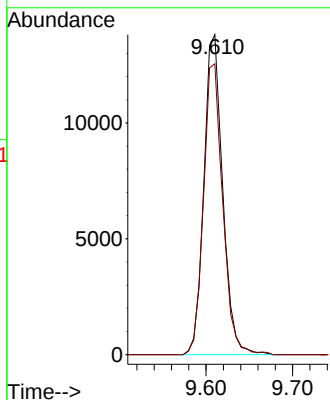
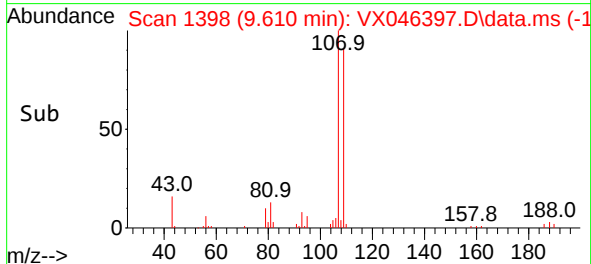
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



Tgt Ion:107 Resp: 20800
Ion Ratio Lower Upper
107 100
109 93.1 73.3 109.9

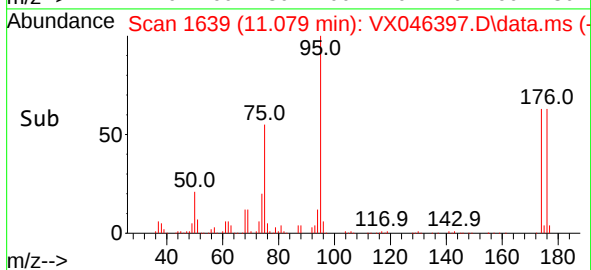
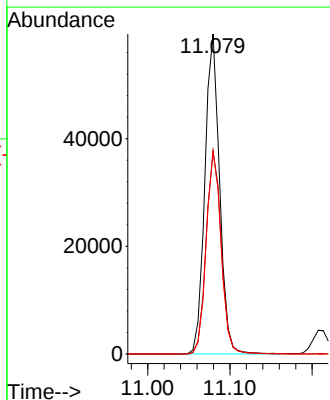
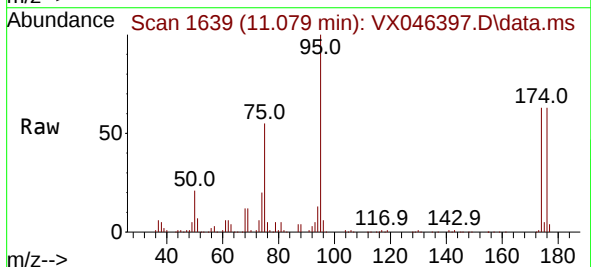
Manual Integrations
APPROVED

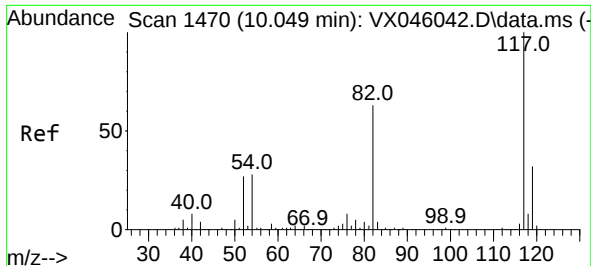
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#62
4-Bromofluorobenzene
Concen: 52.298 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

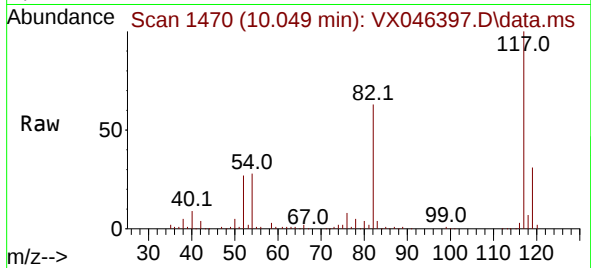
Tgt Ion: 95 Resp: 73862
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.8
176 63.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

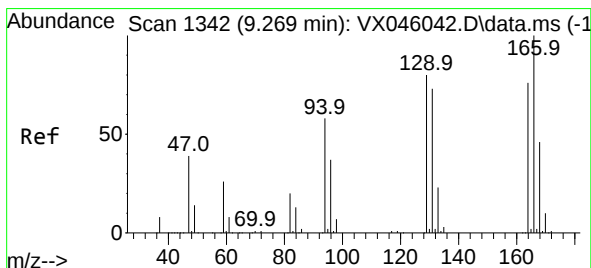
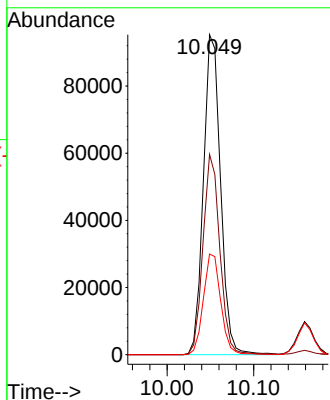
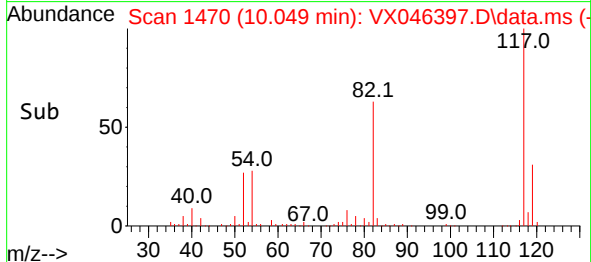
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



Tgt Ion:117 Resp: 131148
Ion Ratio Lower Upper
117 100
82 62.6 50.6 76.0
119 31.4 25.8 38.6

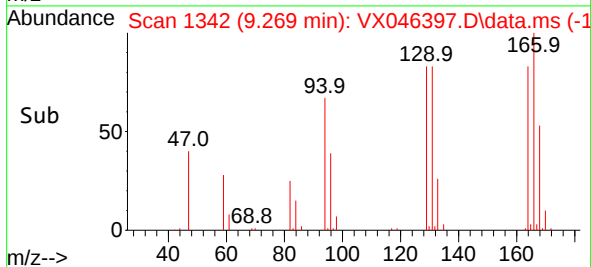
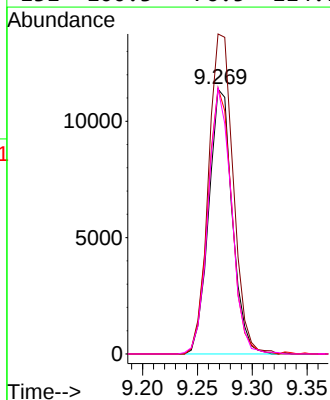
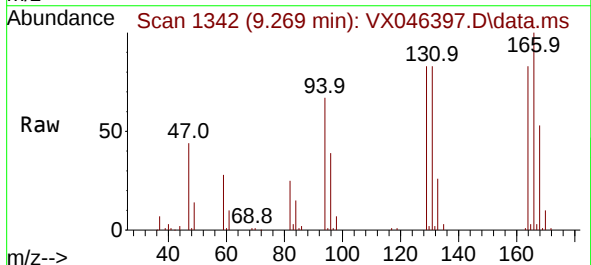
Manual Integrations
APPROVED

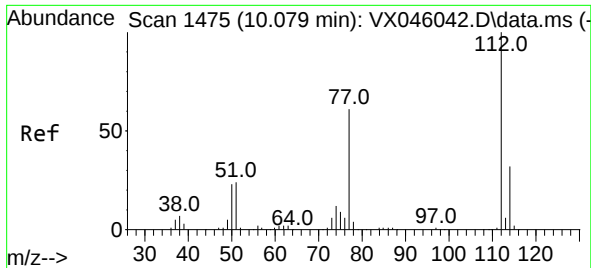
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
Tetrachloroethene
Concen: 18.272 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

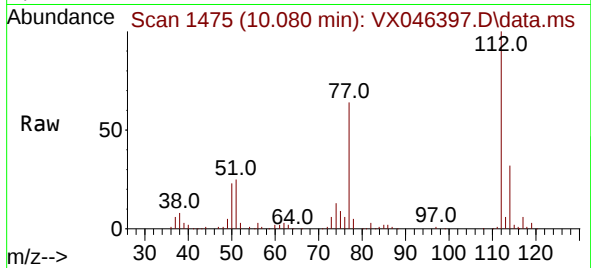
Tgt Ion:164 Resp: 16955
Ion Ratio Lower Upper
164 100
166 120.8 105.0 157.6
129 100.5 83.5 125.3
131 100.3 76.5 114.7





#65
Chlorobenzene
Concen: 18.614 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

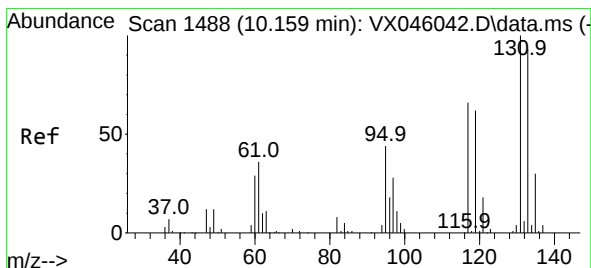
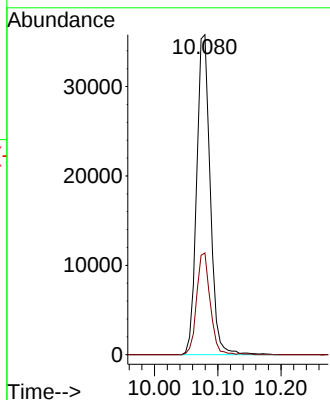
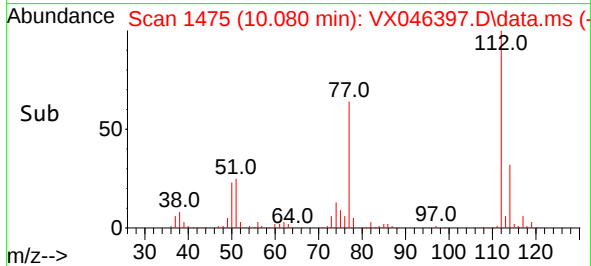
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



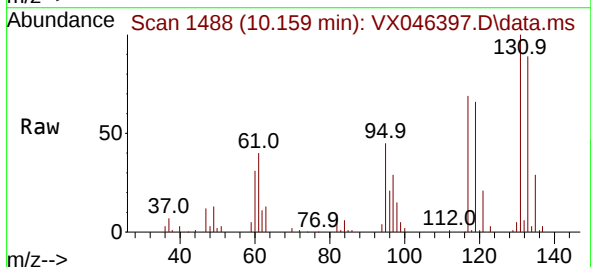
Tgt Ion:112 Resp: 5343
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

Manual Integrations
APPROVED

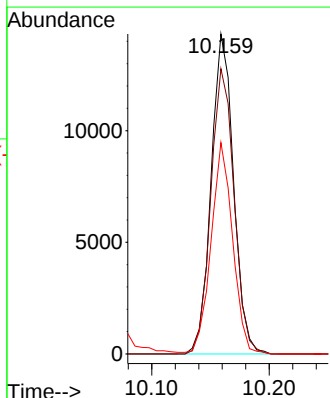
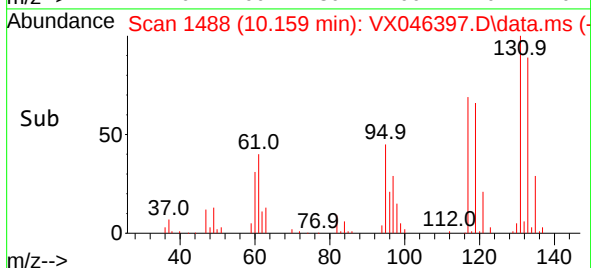
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

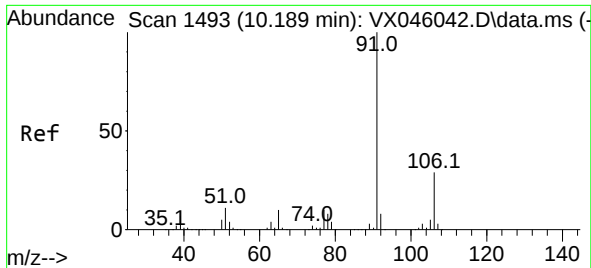


#66
1,1,1,2-Tetrachloroethane
Concen: 19.355 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16



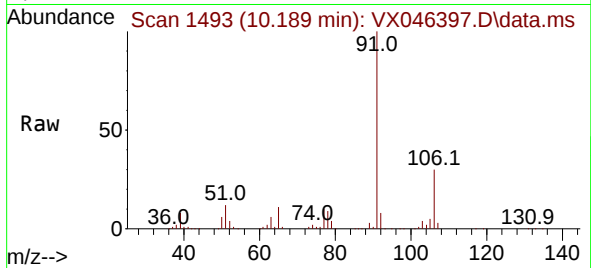
Tgt Ion:131 Resp: 18972
Ion Ratio Lower Upper
131 100
133 92.4 47.3 141.9
119 63.6 31.6 95.0





#67
Ethyl Benzene
Concen: 18.787 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

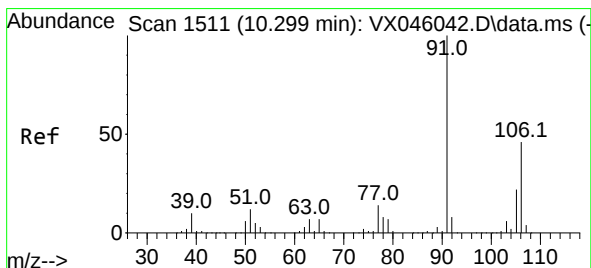
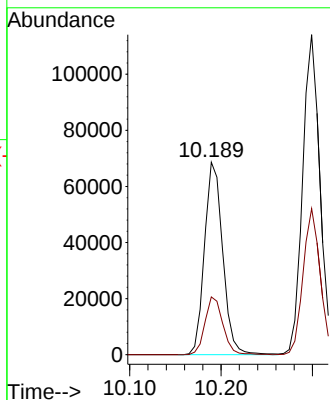
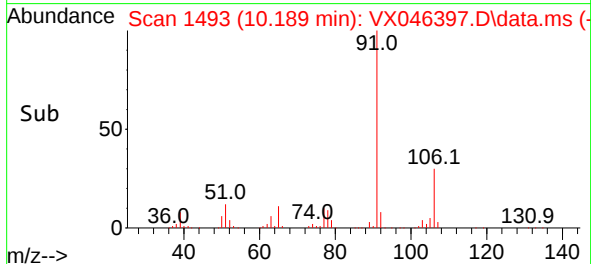
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



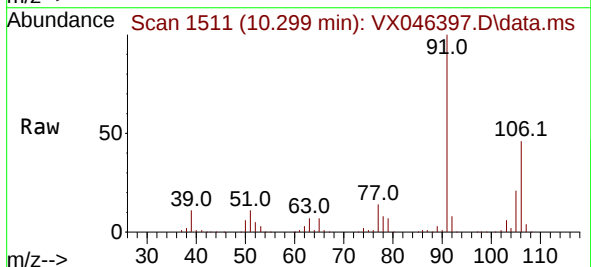
Tgt Ion: 91 Resp: 95059
Ion Ratio Lower Upper
91 100
106 30.0 23.4 35.2

Manual Integrations
APPROVED

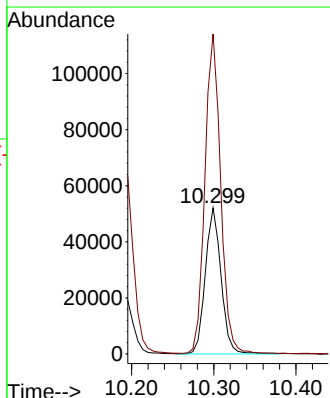
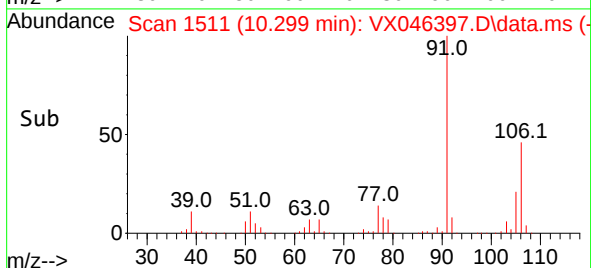
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

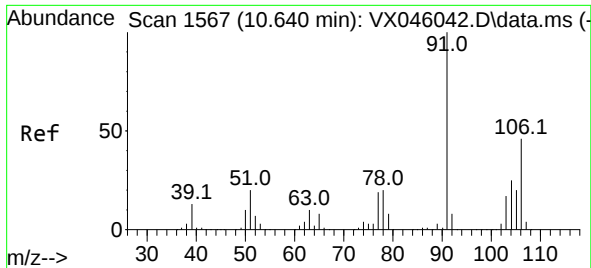


#68
m/p-Xylenes
Concen: 37.453 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16



Tgt Ion:106 Resp: 69311
Ion Ratio Lower Upper
106 100
91 219.3 171.2 256.8





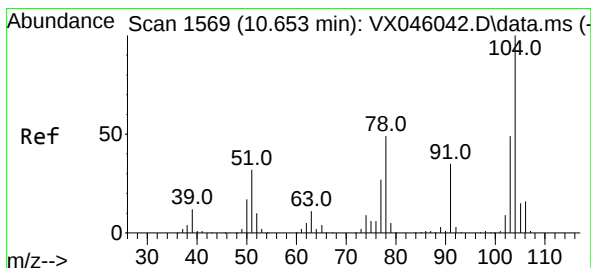
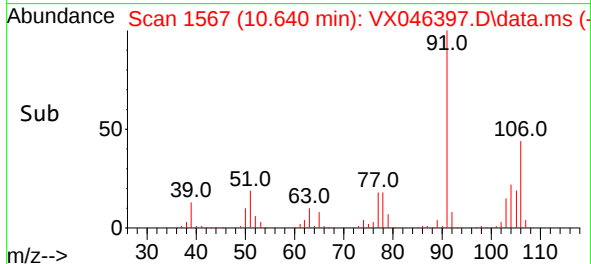
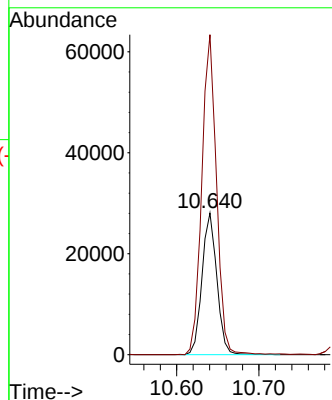
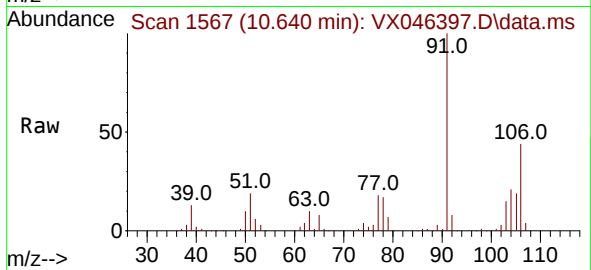
#69
o-Xylene
Concen: 19.489 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01

Tgt Ion:106 Resp: 3516
Ion Ratio Lower Upper
106 100
91 224.0 112.7 338.1

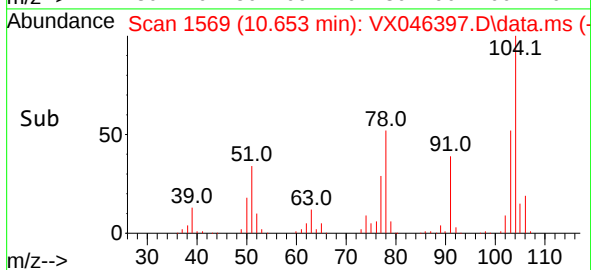
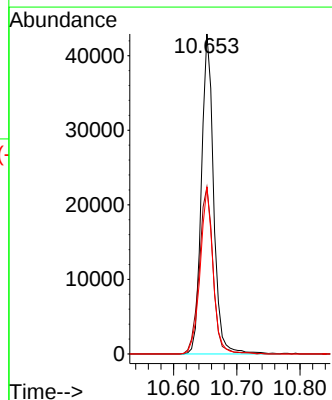
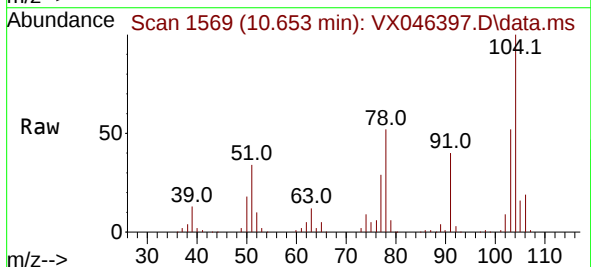
Manual Integrations
APPROVED

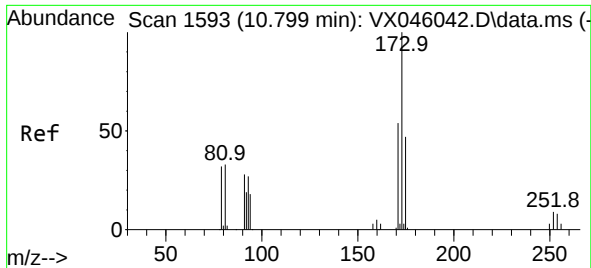
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#70
Styrene
Concen: 19.563 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

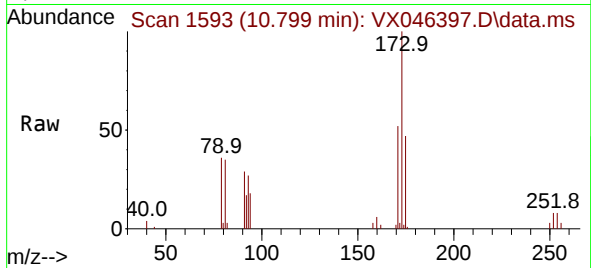
Tgt Ion:104 Resp: 57817
Ion Ratio Lower Upper
104 100
78 58.8 45.7 68.5
103 55.0 43.7 65.5





#71
Bromoform
Concen: 18.218 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

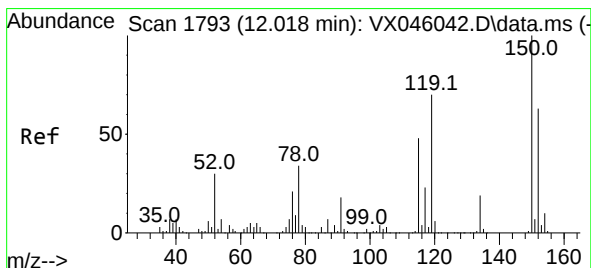
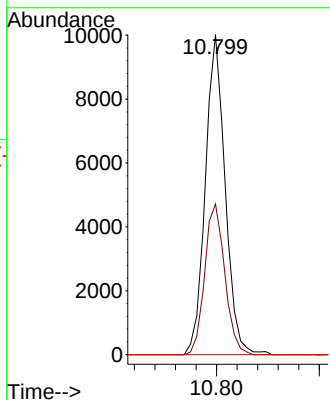
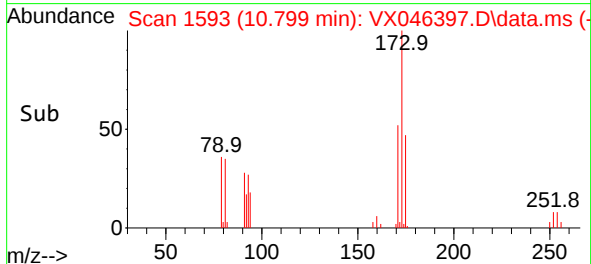
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



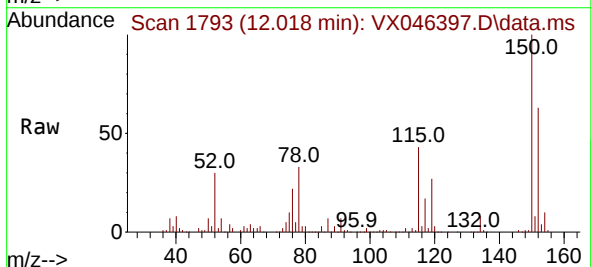
Tgt Ion:173 Resp: 1340
Ion Ratio Lower Upper
173 100
175 47.7 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

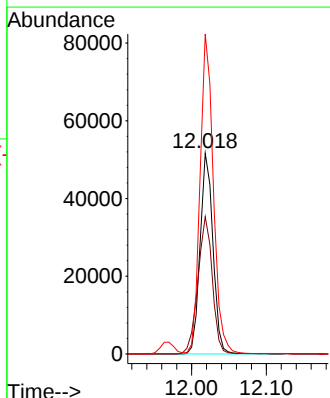
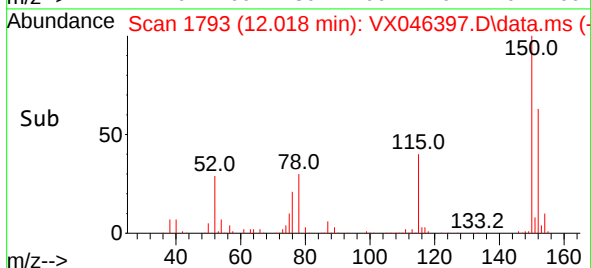
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

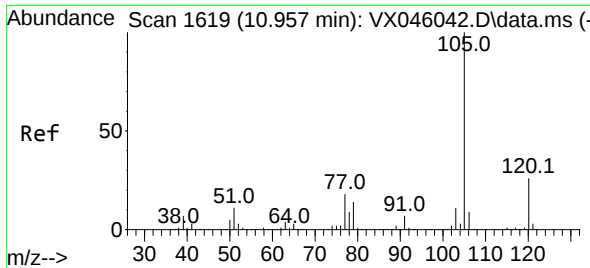


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16



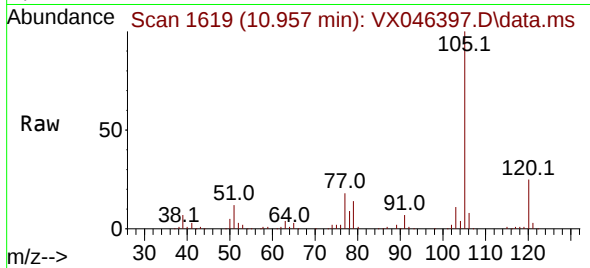
Tgt Ion:152 Resp: 61896
Ion Ratio Lower Upper
152 100
115 76.4 46.9 140.7
150 164.0 0.0 351.0





#73
Isopropylbenzene
Concen: 19.150 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

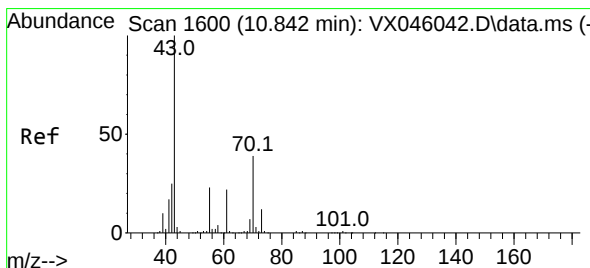
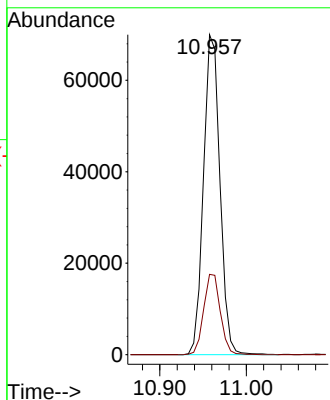
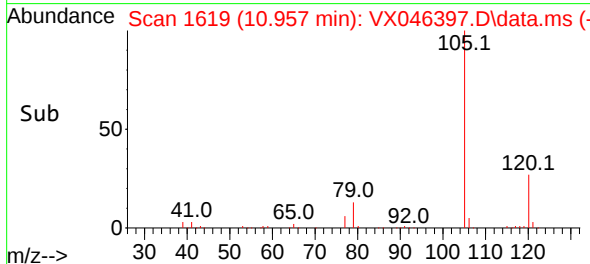
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



Tgt Ion:105 Resp: 9228
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

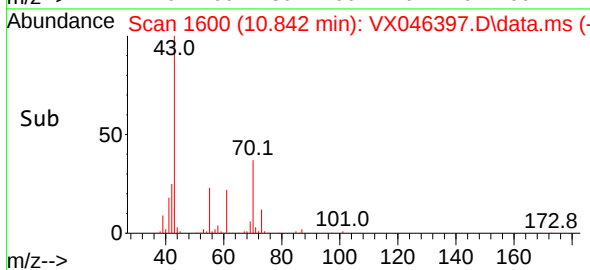
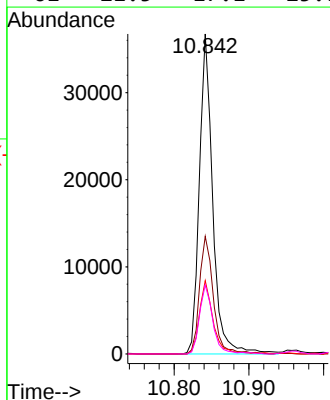
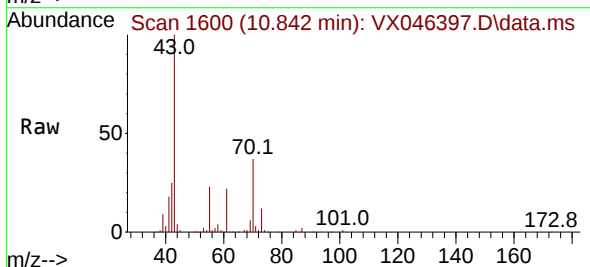
Manual Integrations
APPROVED

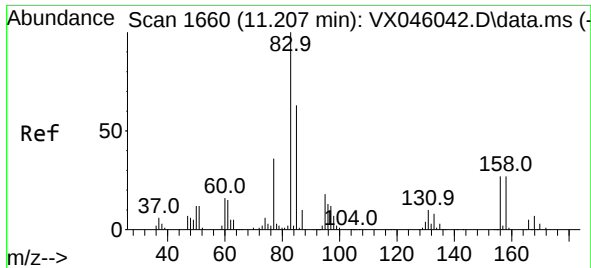
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#74
N-ethyl acetate
Concen: 19.196 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Tgt Ion: 43 Resp: 45710
Ion Ratio Lower Upper
43 100
70 38.1 30.9 46.3
55 23.6 18.7 28.1
61 21.5 17.1 25.7





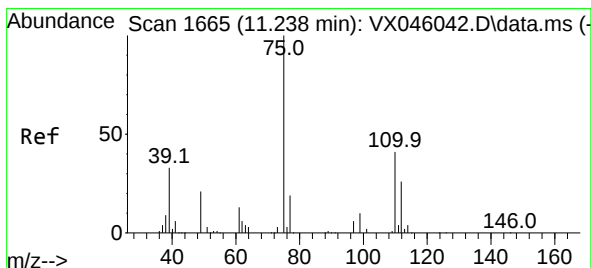
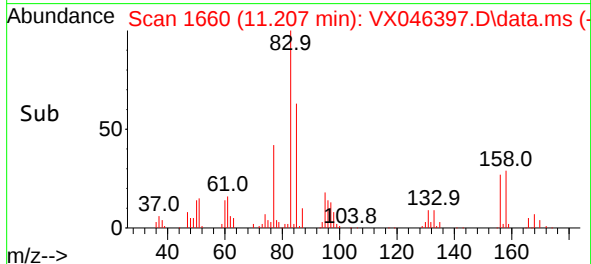
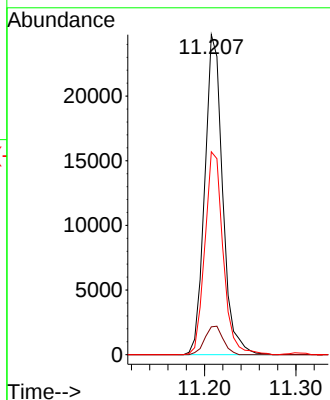
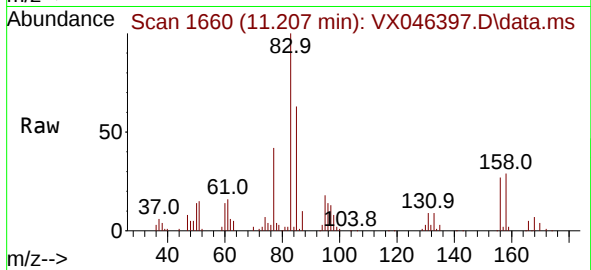
#75
1,1,2,2-Tetrachloroethane
Concen: 19.817 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01

Tgt Ion: 83 Resp: 3346
Ion Ratio Lower Upper
83 100
131 9.1 5.0 14.9
85 64.8 31.9 95.7

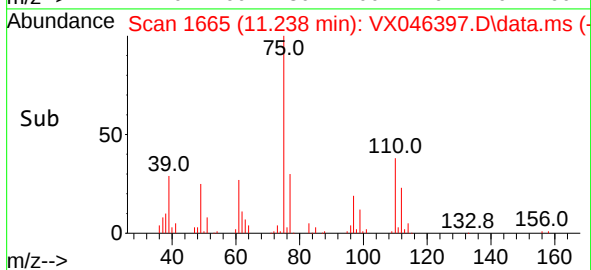
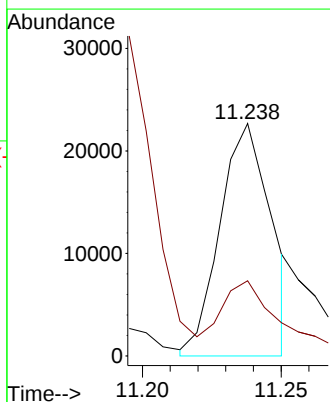
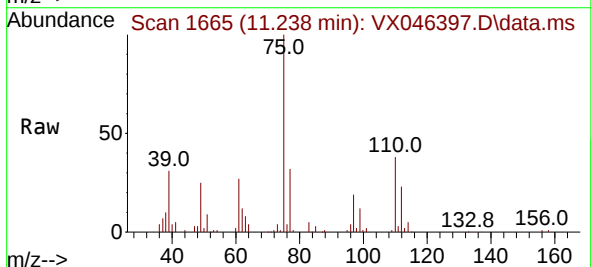
Manual Integrations
APPROVED

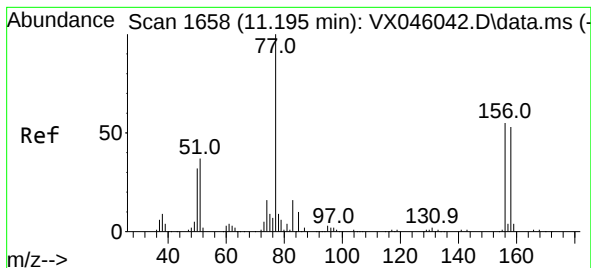
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#76
1,2,3-Trichloropropane
Concen: 19.513 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Tgt Ion: 75 Resp: 29072
Ion Ratio Lower Upper
75 100
77 38.9 20.5 61.5





#77

Bromobenzene

Concen: 18.700 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0529MBS01

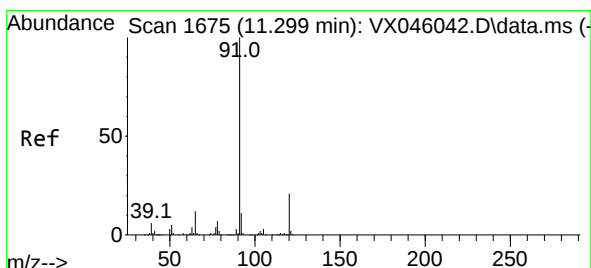
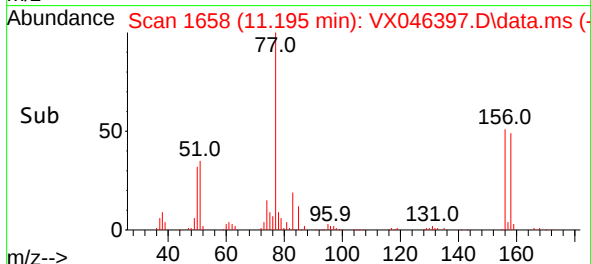
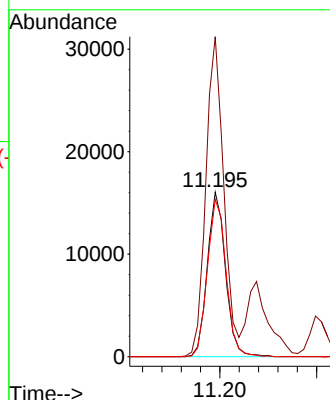
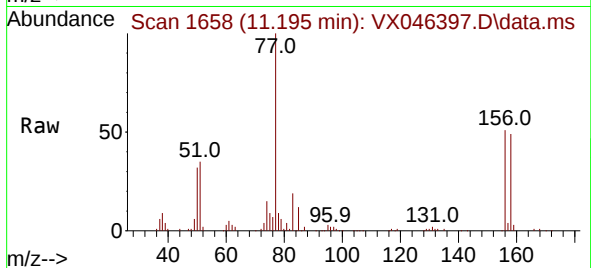
Tgt Ion:	156	Resp:	20920
Ion Ratio	Lower	Upper	
156	100		
77	192.0	92.8	278.3
158	98.8	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#78

n-propylbenzene

Concen: 18.968 ug/l

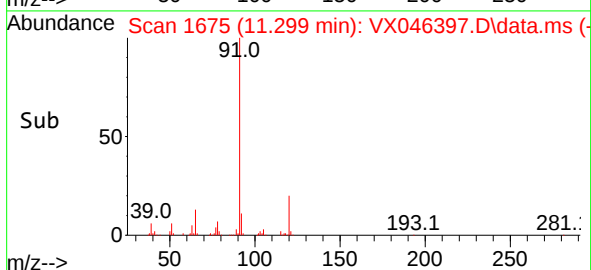
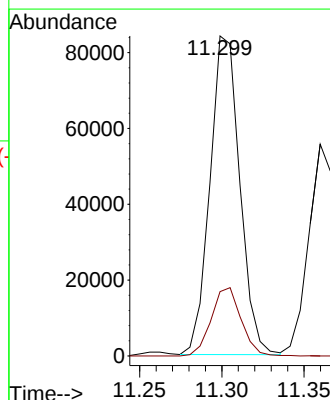
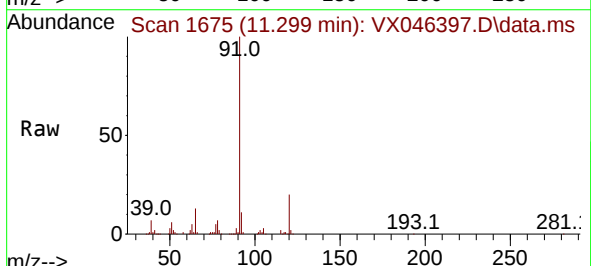
RT: 11.299 min Scan# 1675

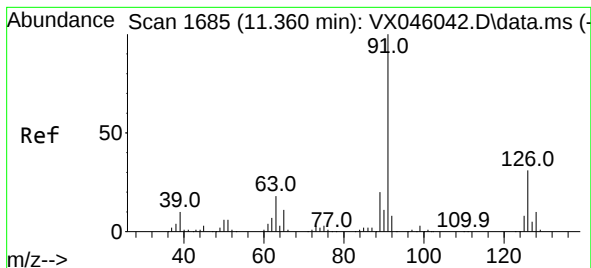
Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

Tgt Ion:	91	Resp:	106275
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.4





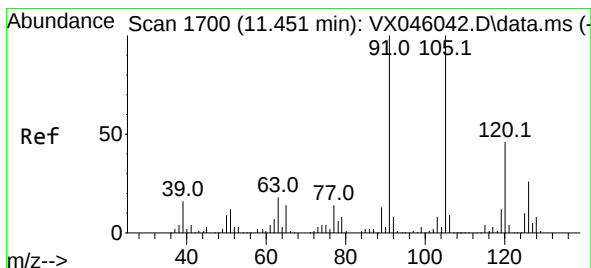
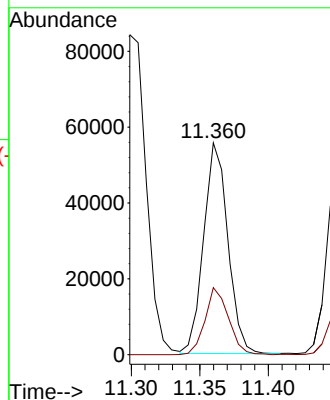
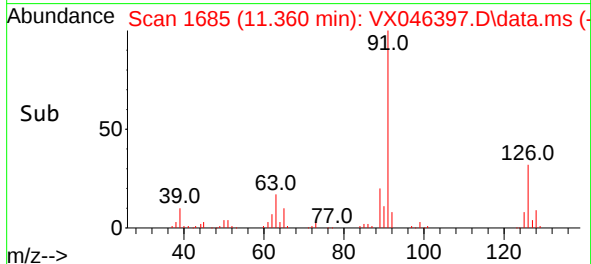
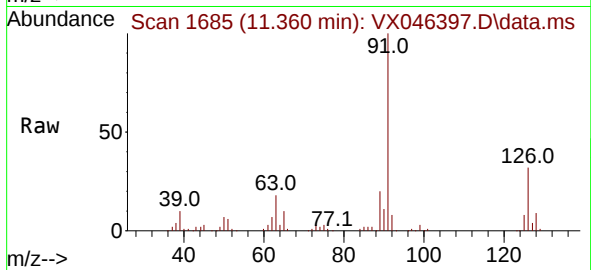
#79
2-Chlorotoluene
Concen: 18.912 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01

Tgt Ion: 91 Resp: 6834
Ion Ratio Lower Upper
91 100
126 30.7 15.6 46.7

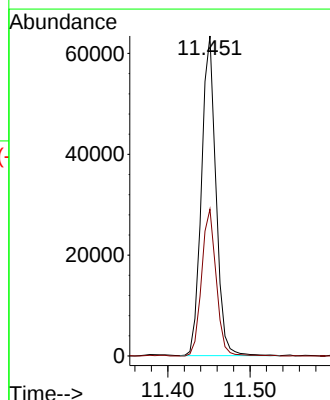
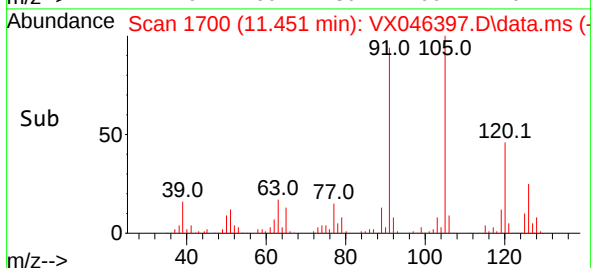
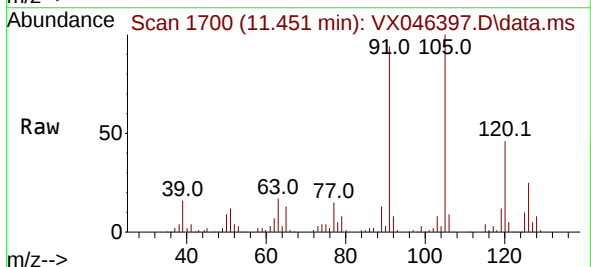
Manual Integrations
APPROVED

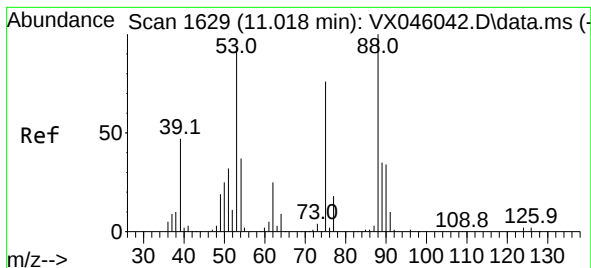
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.235 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

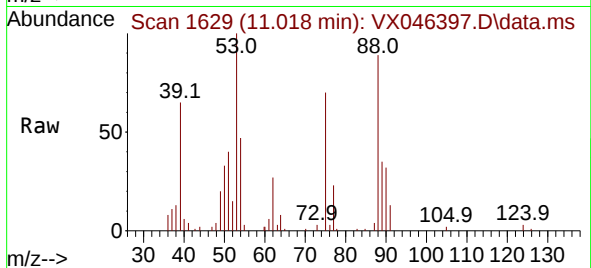
Tgt Ion:105 Resp: 77435
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 16.566 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

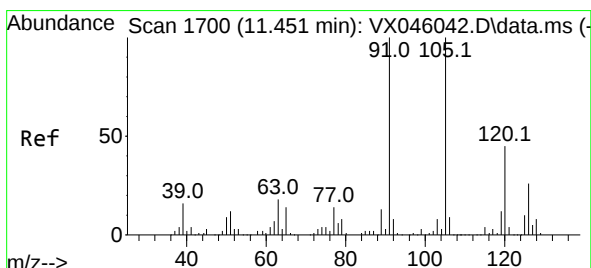
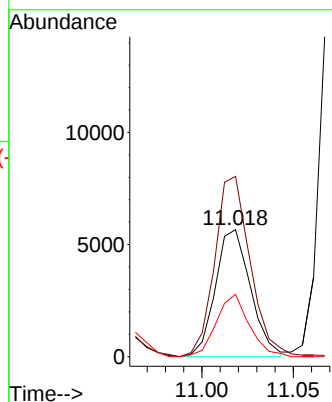
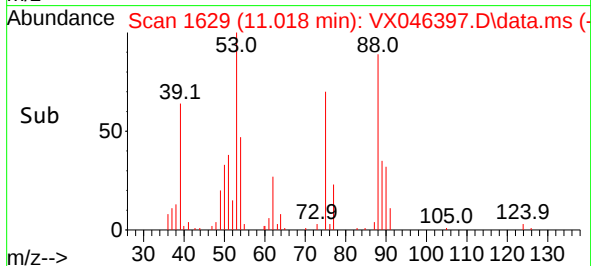
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



Tgt Ion: 75 Resp: 7581
Ion Ratio Lower Upper
75 100
53 143.6 100.5 150.7
89 45.9 37.0 55.6

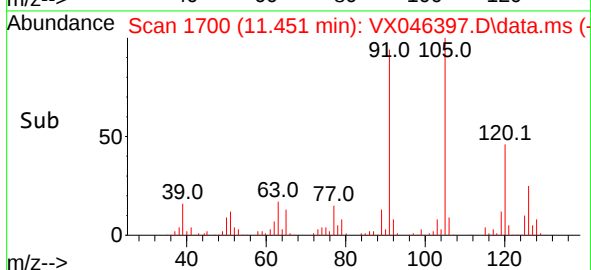
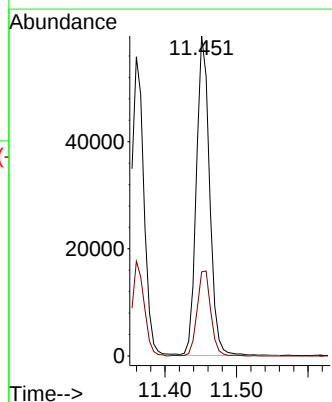
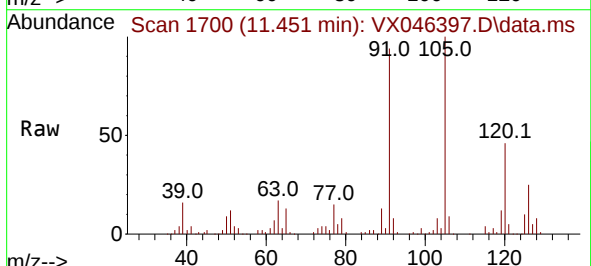
Manual Integrations
APPROVED

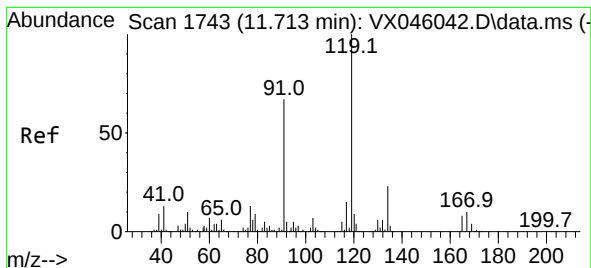
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#82
4-Chlorotoluene
Concen: 19.099 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

Tgt Ion: 91 Resp: 76544
Ion Ratio Lower Upper
91 100
126 27.6 13.3 39.8





#83

tert-Butylbenzene

Concen: 19.153 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0529MBS01

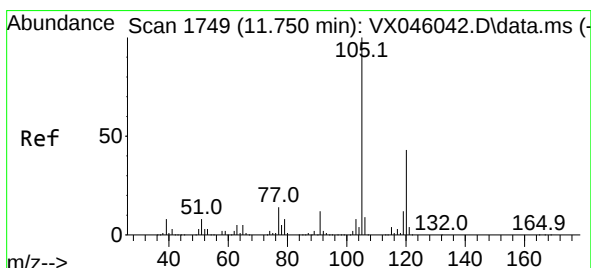
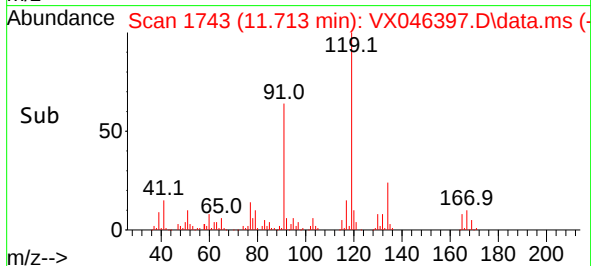
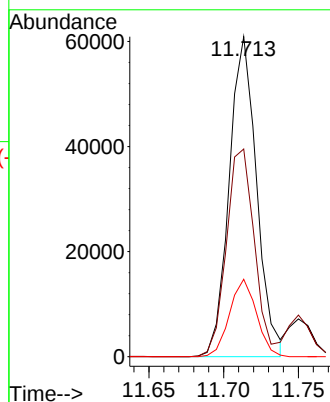
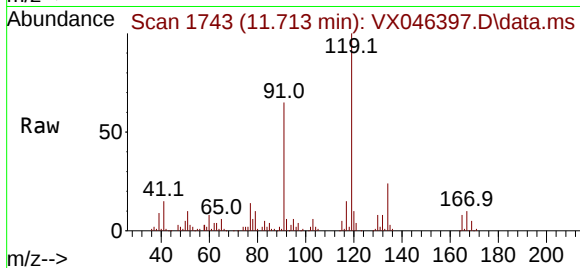
Tgt Ion:	119	Resp:	7766
Ion Ratio	Lower	Upper	
119	100		
91	65.8	32.9	98.7
134	23.8	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.428 ug/l

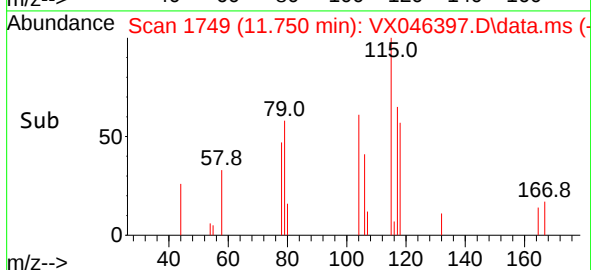
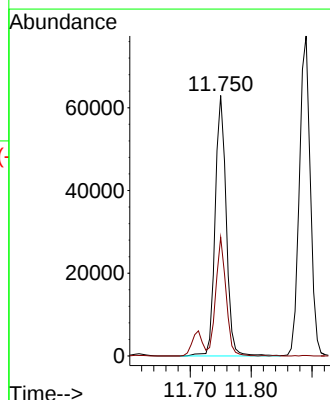
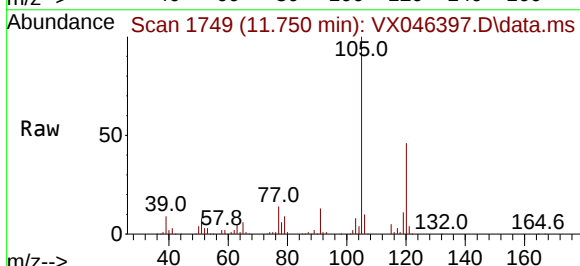
RT: 11.750 min Scan# 1749

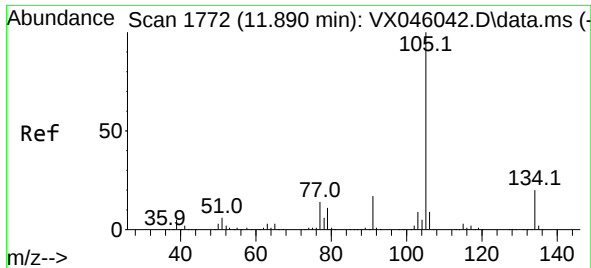
Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

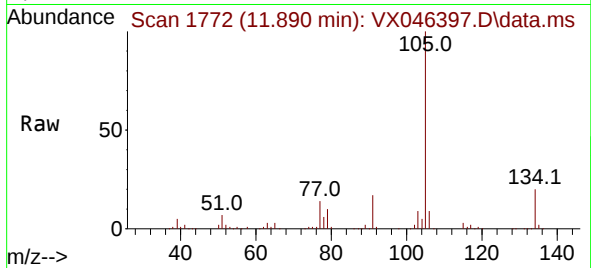
Tgt Ion:	105	Resp:	79206
Ion Ratio	Lower	Upper	
105	100		
120	42.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.369 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046397.D
 Acq: 29 May 2025 14:16

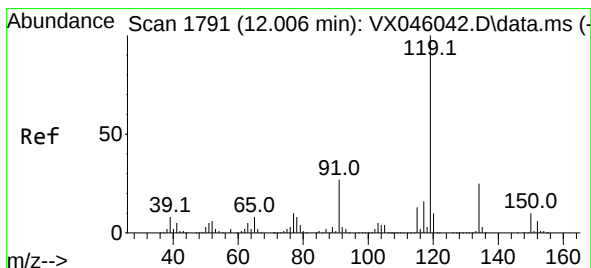
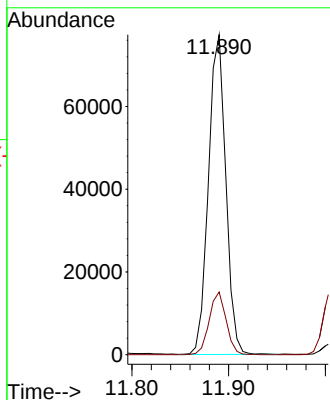
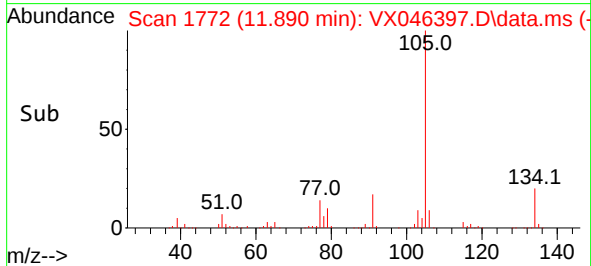
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529MBS01



Tgt Ion:105 Resp: 9643
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

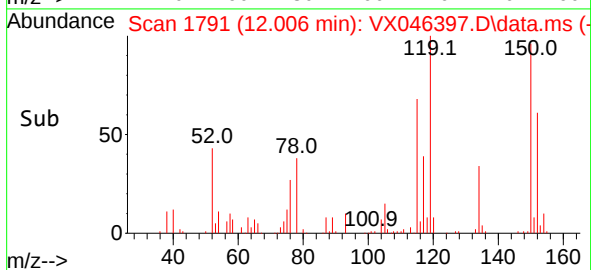
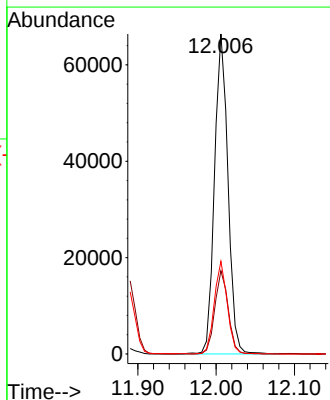
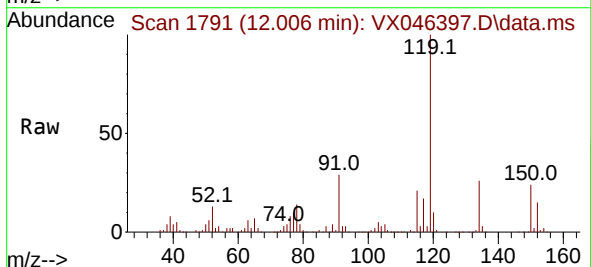
Manual Integrations
 APPROVED

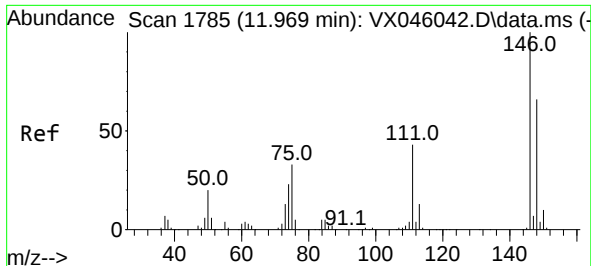
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#86
 p-Isopropyltoluene
 Concen: 19.287 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046397.D
 Acq: 29 May 2025 14:16

Tgt Ion:119 Resp: 79264
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.5 37.5
 91 28.0 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 18.757 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0529MBS01

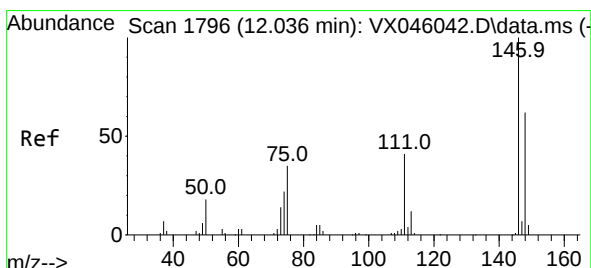
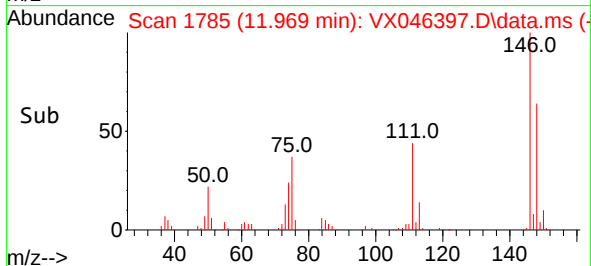
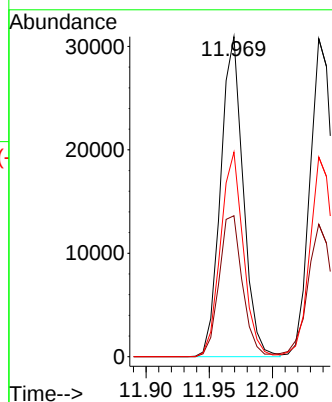
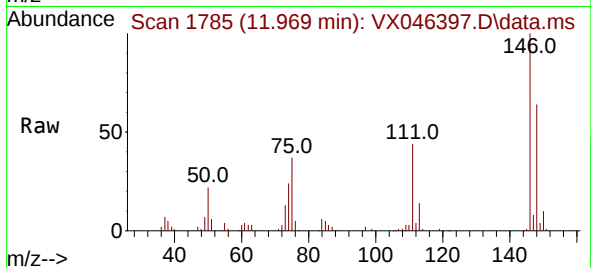
Tgt Ion:146	Resp:	3829
Ion Ratio	Lower	Upper
146	100	
111	45.7	22.1 66.3
148	64.5	32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#88

1,4-Dichlorobenzene

Concen: 19.023 ug/l

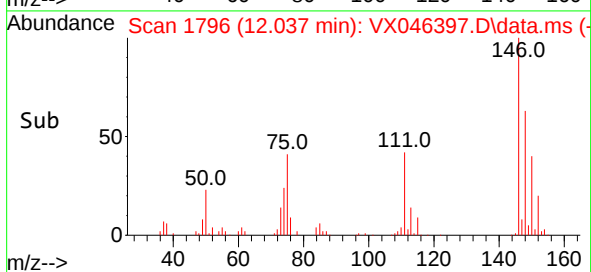
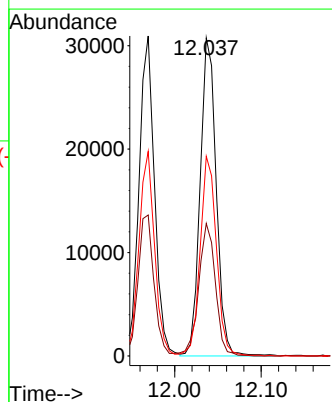
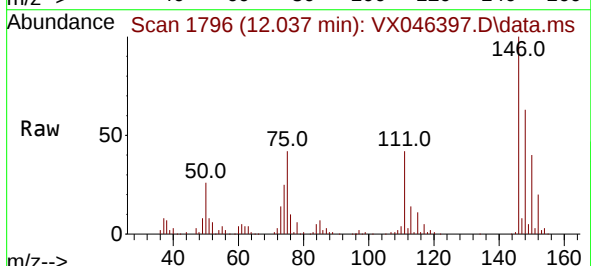
RT: 12.037 min Scan# 1796

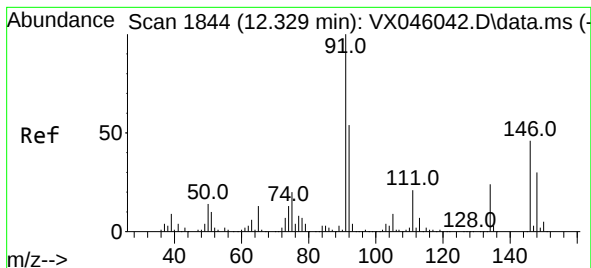
Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

Tgt Ion:146	Resp:	39665
Ion Ratio	Lower	Upper
146	100	
111	43.5	21.3 63.9
148	63.9	31.9 95.5





#89

n-Butylbenzene

Concen: 18.405 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046397.D

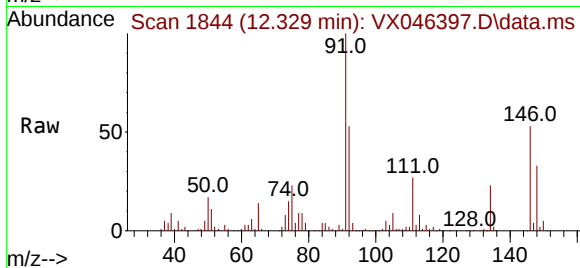
Acq: 29 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0529MBS01



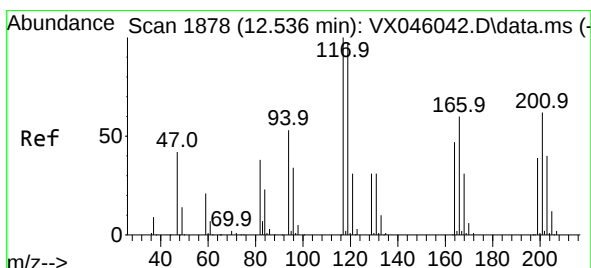
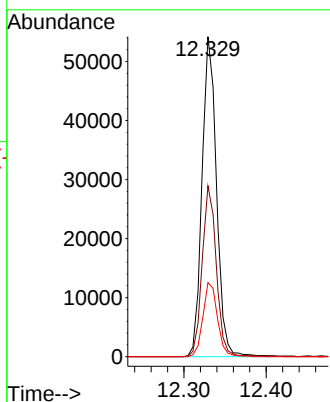
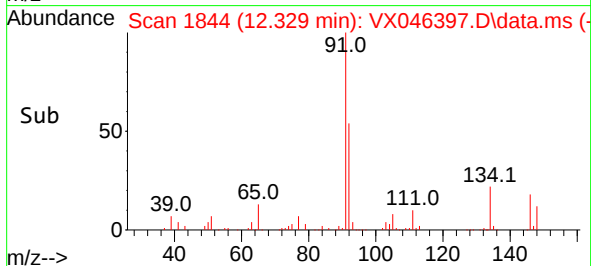
Tgt Ion: 91	Resp: 66350
Ion Ratio	Lower Upper
91	100
92	52.1 26.9 80.7
134	23.2 11.8 35.3

Manual Integrations

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Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#90

Hexachloroethane

Concen: 17.844 ug/l

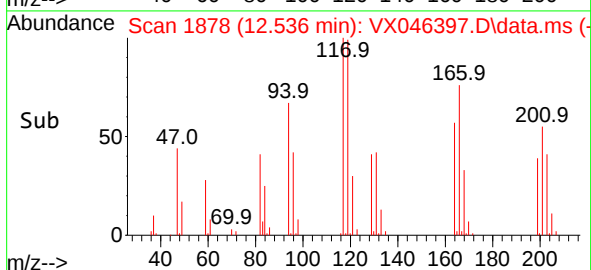
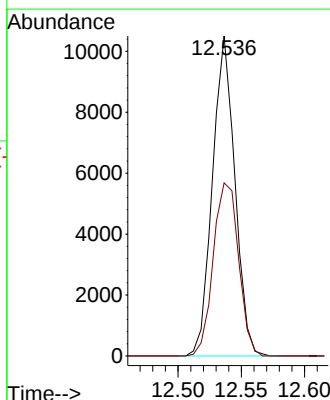
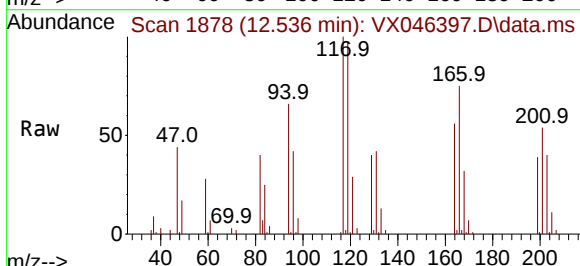
RT: 12.536 min Scan# 1878

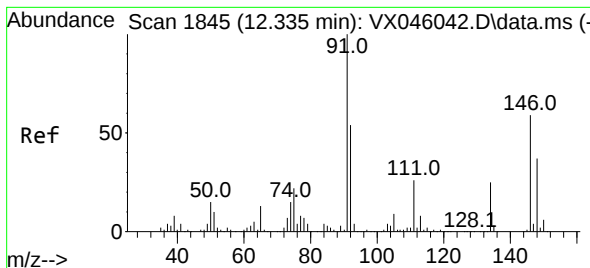
Delta R.T. 0.000 min

Lab File: VX046397.D

Acq: 29 May 2025 14:16

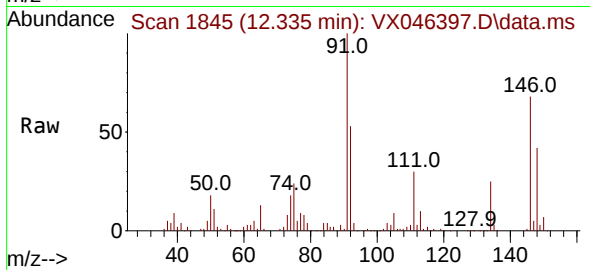
Tgt Ion: 117	Resp: 12920
Ion Ratio	Lower Upper
117	100
201	61.1 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 19.846 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

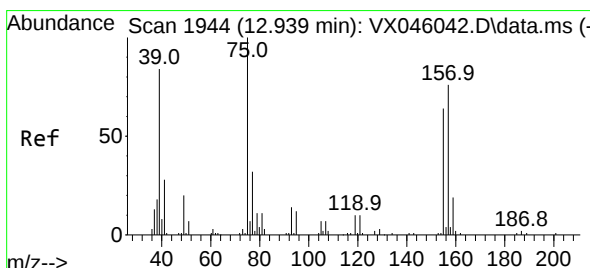
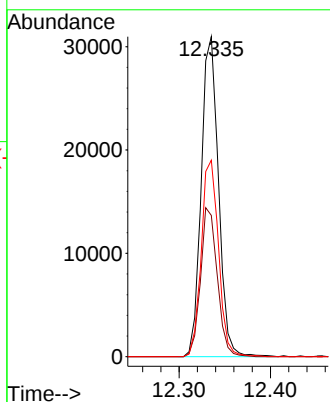
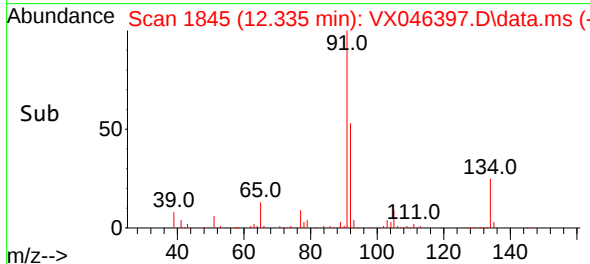
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



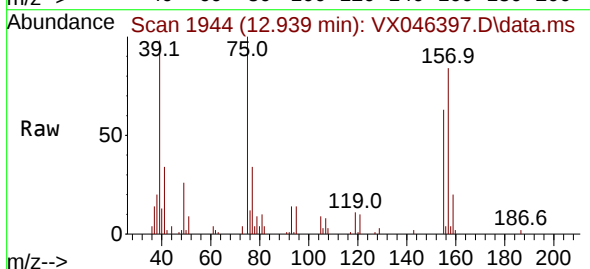
Tgt Ion:146 Resp: 40662
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.3
148 61.5 31.6 94.8

Manual Integrations
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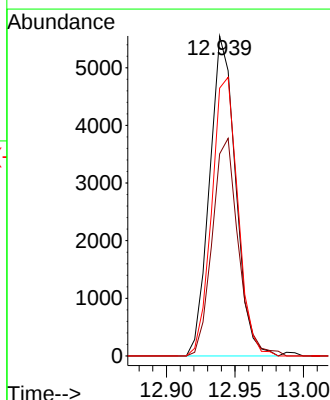
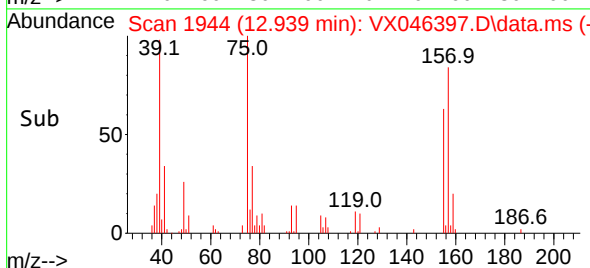
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

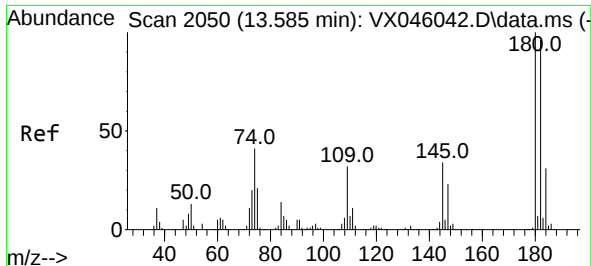


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.607 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16



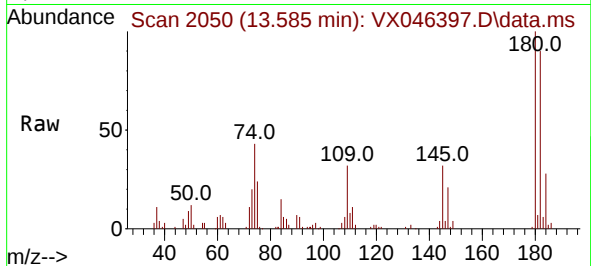
Tgt Ion: 75 Resp: 7335
Ion Ratio Lower Upper
75 100
155 68.2 34.9 104.8
157 87.3 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 18.464 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

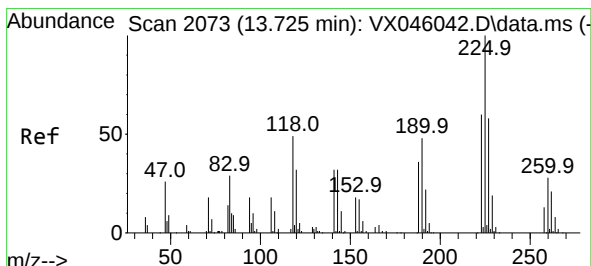
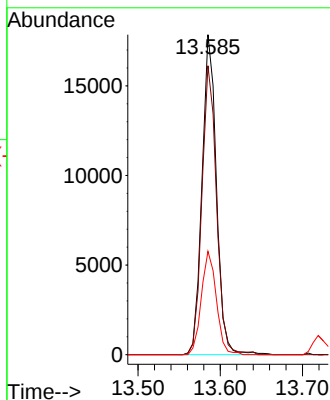
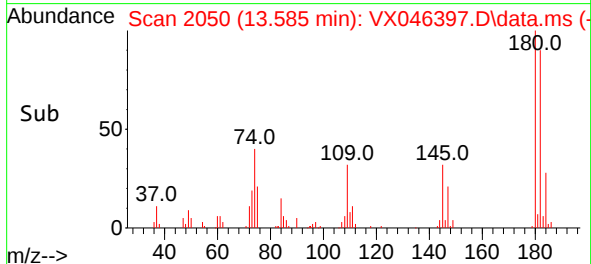
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



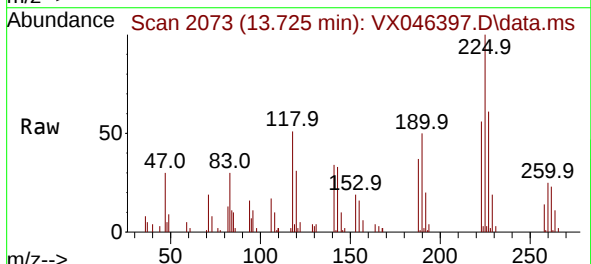
Tgt Ion:180 Resp: 21728
Ion Ratio Lower Upper
180 100
182 91.6 47.9 143.8
145 33.5 17.1 51.2

Manual Integrations
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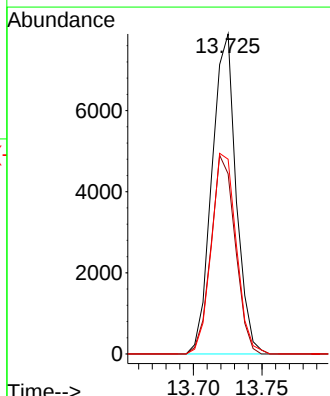
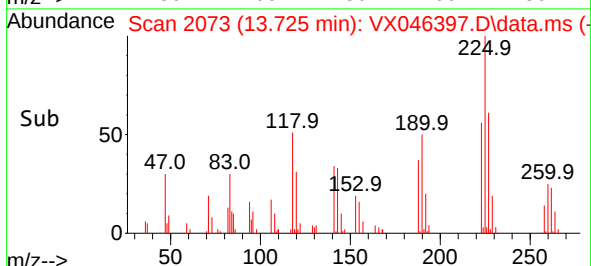
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

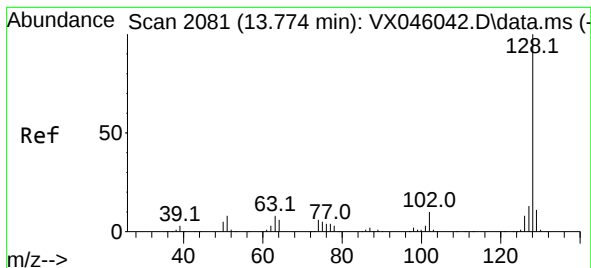


#94
Hexachlorobutadiene
Concen: 18.819 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16



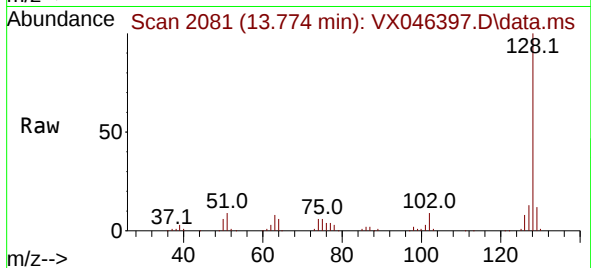
Tgt Ion:225 Resp: 9672
Ion Ratio Lower Upper
225 100
223 62.1 30.8 92.4
227 64.7 30.9 92.7





#95
Naphthalene
Concen: 18.324 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16

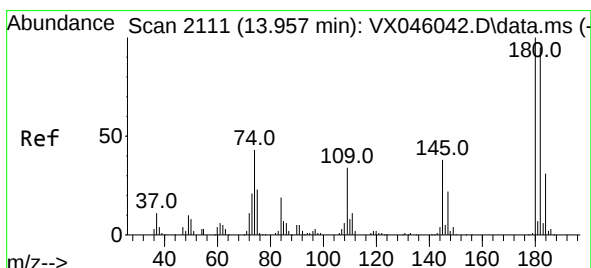
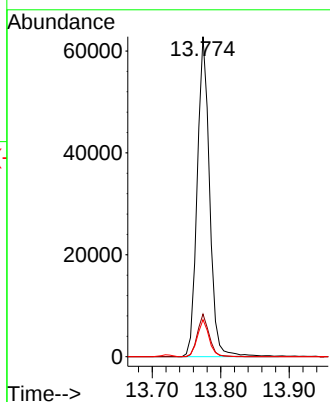
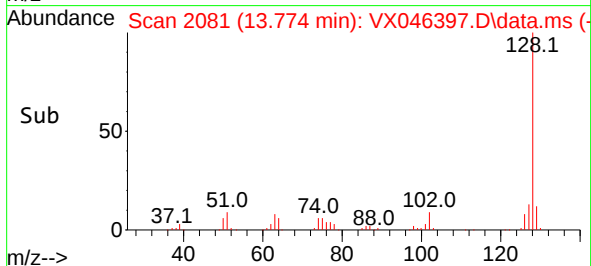
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBS01



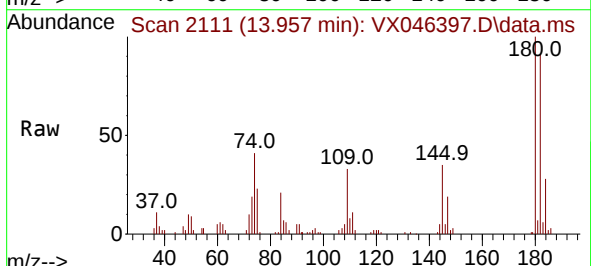
Tgt Ion:128 Resp: 79089
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.065 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046397.D
Acq: 29 May 2025 14:16



Tgt Ion:180 Resp: 23149
Ion Ratio Lower Upper
180 100
182 92.1 47.8 143.3
145 33.9 18.1 54.3

