

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046447.D
 Acq On : 02 Jun 2025 16:22
 Operator : JC/MD
 Sample : VX0602MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/03/2025
 Supervised By : Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 01:32:37 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	5.544	168	84913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148772	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80361	50.763	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.520%			
35) Dibromofluoromethane	5.385	113	54975	51.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.640%			
50) Toluene-d8	8.647	98	181732	49.011	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.020%			
62) 4-Bromofluorobenzene	11.079	95	70129	49.306	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20971	16.136	ug/l	95
3) Chloromethane	1.307	50	20116	15.961	ug/l	97
4) Vinyl Chloride	1.374	62	18530	15.797	ug/l	99
5) Bromomethane	1.599	94	8616	15.837	ug/l	98
6) Chloroethane	1.672	64	10863	17.348	ug/l	94
7) Trichlorofluoromethane	1.880	101	30118	17.374	ug/l	100
8) Diethyl Ether	2.136	74	11192	18.965	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	19700	18.363	ug/l	99
10) Methyl Iodide	2.447	142	22186	17.477	ug/l	99
11) Tert butyl alcohol	2.971	59	22459	101.070	ug/l	100
12) 1,1-Dichloroethene	2.313	96	17625	17.505	ug/l	99
13) Acrolein	2.239	56	15005	59.293	ug/l	98
14) Allyl chloride	2.660	41	37417	19.445	ug/l	95
15) Acrylonitrile	3.062	53	67689	106.529	ug/l	99
16) Acetone	2.380	43	65000	102.406	ug/l	99
17) Carbon Disulfide	2.508	76	30639	12.836	ug/l	100
18) Methyl Acetate	2.703	43	40570	27.544	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	72441	20.522	ug/l	98
20) Methylene Chloride	2.788	84	22123	18.188	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	17719	17.499	ug/l	96
22) Diisopropyl ether	3.763	45	77575	20.870	ug/l	99
23) Vinyl Acetate	3.721	43	322750	98.723	ug/l	100
24) 1,1-Dichloroethane	3.605	63	40769	19.692	ug/l	98
25) 2-Butanone	4.556	43	99549	108.030	ug/l	96
26) 2,2-Dichloropropane	4.471	77	30136	18.597	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	23684	19.430	ug/l	99
28) Bromochloromethane	4.897	49	21398	21.472	ug/l	97
29) Tetrahydrofuran	5.001	42	60872	105.419	ug/l	98
30) Chloroform	5.093	83	44305	20.532	ug/l	100
31) Cyclohexane	5.464	56	32166	17.050	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	35824	19.151	ug/l	99
36) 1,1-Dichloropropene	5.684	75	26507	18.415	ug/l	98
37) Ethyl Acetate	4.715	43	35679	20.062	ug/l	100
38) Carbon Tetrachloride	5.678	117	29764	18.403	ug/l	93
39) Methylcyclohexane	7.373	83	30799	16.620	ug/l	96
40) Benzene	6.031	78	81246	19.270	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21239	22.830	ug/l	99
42) 1,2-Dichloroethane	6.086	62	37898	20.827	ug/l	100
43) Isopropyl Acetate	6.342	43	57730	21.279	ug/l	99
44) Trichloroethene	7.129	130	19239	18.959	ug/l	96
45) 1,2-Dichloropropane	7.427	63	21691	20.690	ug/l	97
46) Dibromomethane	7.580	93	16548	20.013	ug/l	99
47) Bromodichloromethane	7.818	83	33200	20.386	ug/l	99
48) Methyl methacrylate	7.690	41	29473	21.271	ug/l	98
49) 1,4-Dioxane	7.659	88	10189	387.290	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	199720	110.901	ug/l	98
52) Toluene	8.714	92	49995	19.338	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	28331	19.572	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	31677	19.799	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	22730	22.298	ug/l	96
56) Ethyl methacrylate	9.116	69	34681	21.346	ug/l	97
57) 1,3-Dichloropropane	9.305	76	38433	20.993	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.238	63	88170	106.448	ug/l	100
59) 2-Hexanone	9.427	43	147886	110.995	ug/l	98
60) Dibromochloromethane	9.519	129	22817	20.381	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21820	20.594	ug/l	100
64) Tetrachloroethene	9.269	164	16988	18.649	ug/l	99
65) Chlorobenzene	10.079	112	55503	19.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19846	20.625	ug/l	99
67) Ethyl Benzene	10.189	91	99906	20.113	ug/l	97
68) m/p-Xylenes	10.299	106	72295	39.795	ug/l	98
69) o-Xylene	10.640	106	35631	20.118	ug/l	95
70) Styrene	10.652	104	60129	20.725	ug/l	99
71) Bromoform	10.799	173	13828	19.141	ug/l #	99
73) Isopropylbenzene	10.957	105	96633	20.499	ug/l	100
74) N-amyl acetate	10.841	43	48789	20.945	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35891	21.727	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	30747m	21.097	ug/l	
77) Bromobenzene	11.195	156	22286	20.364	ug/l	99
78) n-propylbenzene	11.305	91	110475	20.156	ug/l	99
79) 2-Chlorotoluene	11.360	91	72261	20.440	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	81590	20.718	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7921	17.694	ug/l	87
82) 4-Chlorotoluene	11.451	91	80957	20.649	ug/l	100
83) tert-Butylbenzene	11.713	119	80438	20.278	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	82106	20.588	ug/l	99
85) sec-Butylbenzene	11.890	105	100452	20.624	ug/l	99
86) p-Isopropyltoluene	12.006	119	82669	20.563	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	40441	20.248	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	40700	19.953	ug/l	98
89) n-Butylbenzene	12.329	91	70036	19.860	ug/l	99
90) Hexachloroethane	12.536	117	13070	18.453	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	42750	21.329	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7955	21.738	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	23147	20.107	ug/l	99
94) Hexachlorobutadiene	13.719	225	10230	20.347	ug/l	99
95) Naphthalene	13.774	128	89728	21.252	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	24935	20.992	ug/l	98

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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

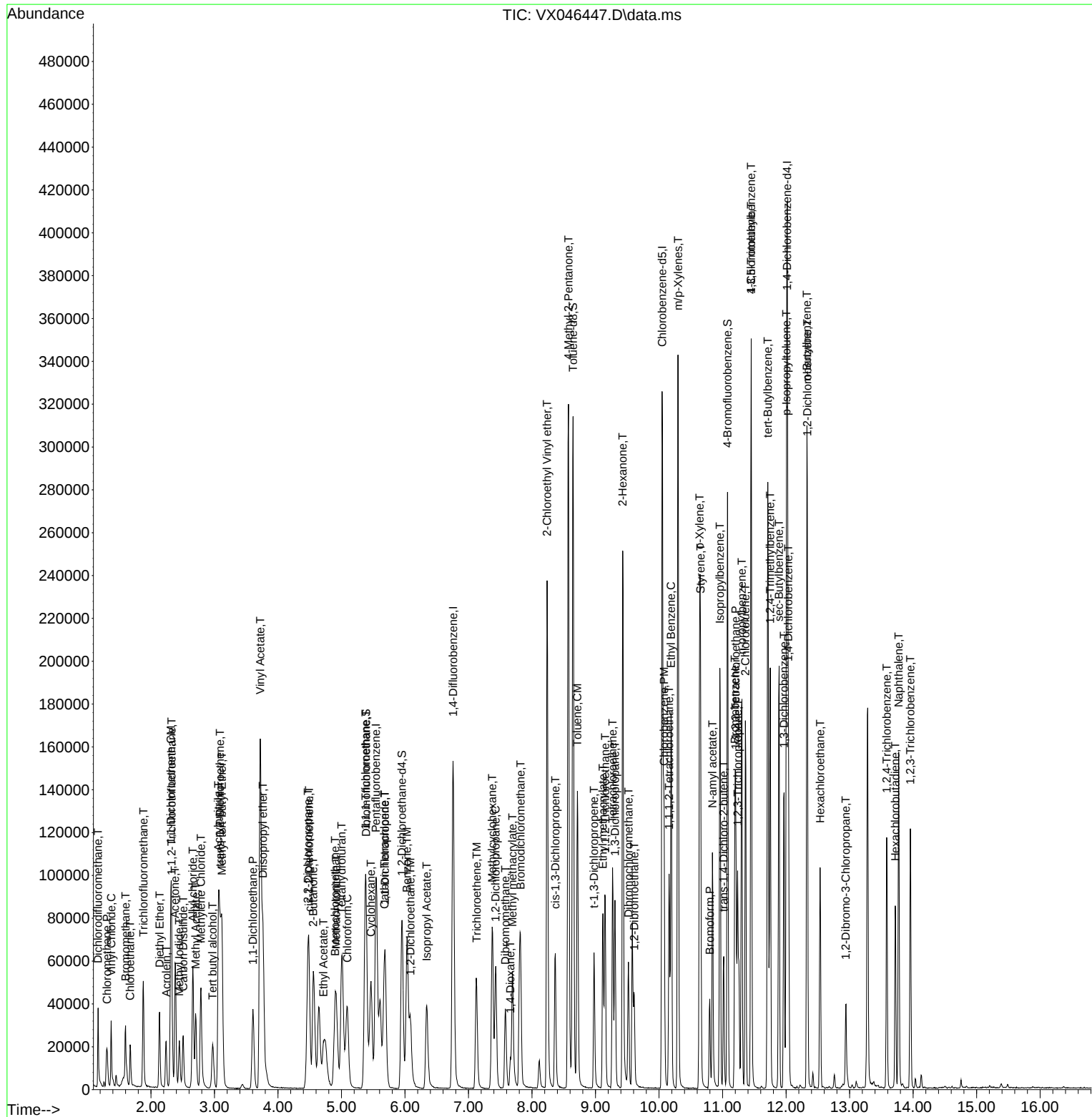
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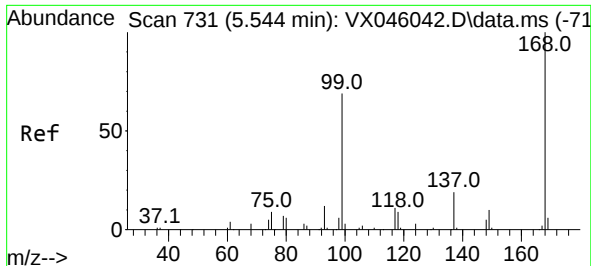
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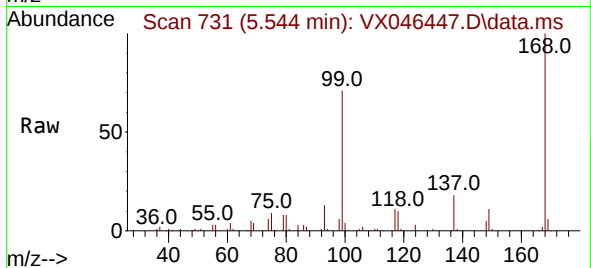
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046447.D
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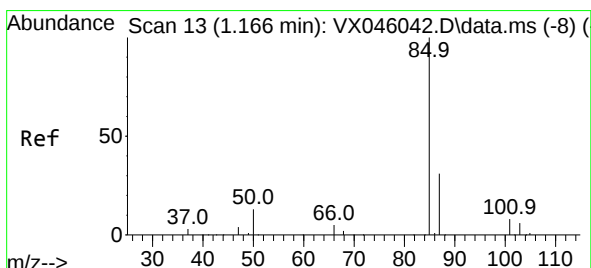
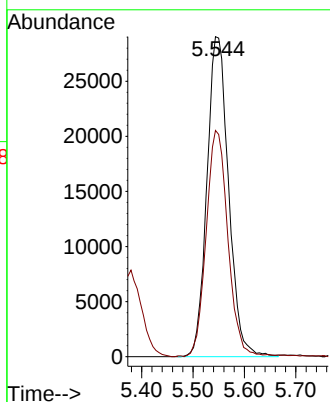
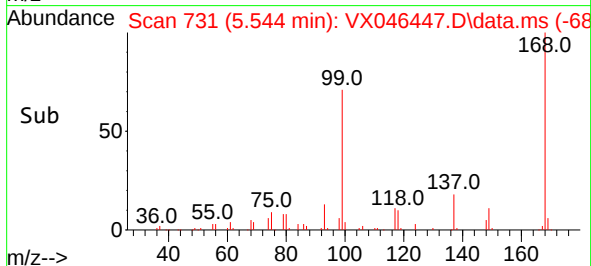
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 8491
Ion Ratio Lower Upper
168 100
99 70.5 54.9 82.3

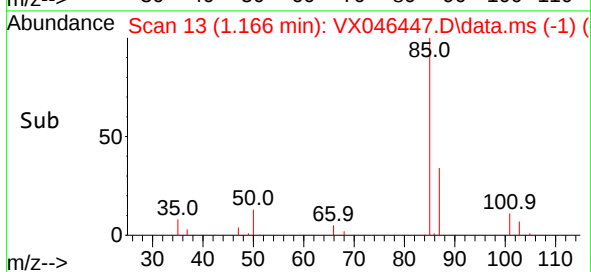
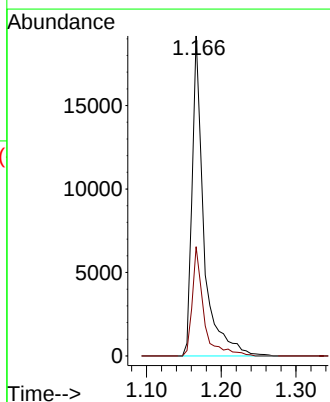
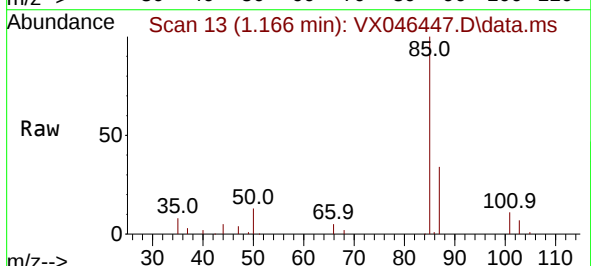
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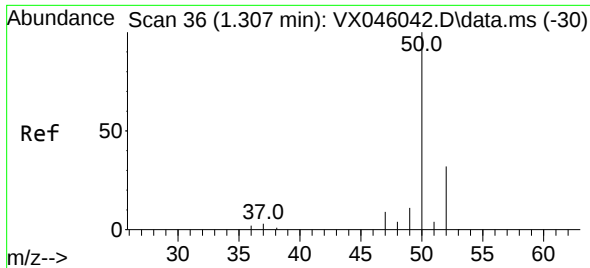
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#2
Dichlorodifluoromethane
Concen: 16.136 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Tgt Ion: 85 Resp: 20971
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.1





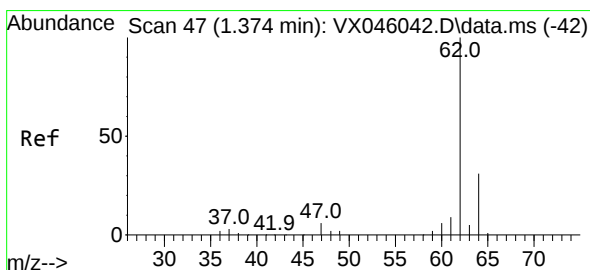
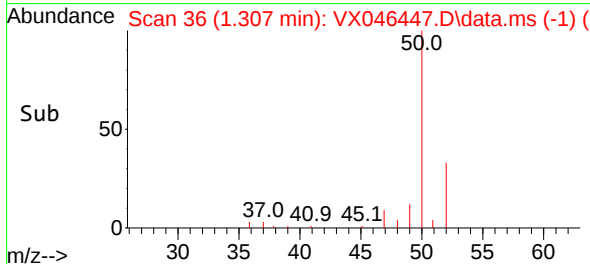
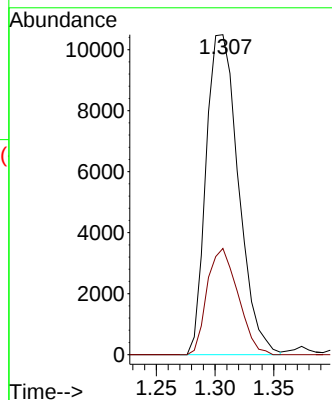
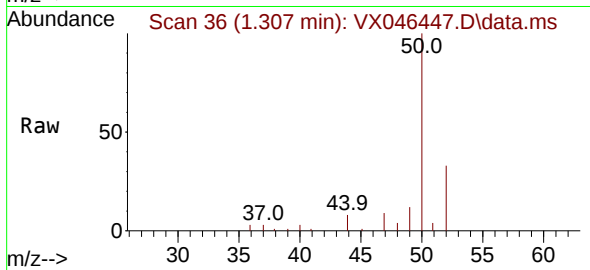
#3
Chloromethane
Concen: 15.961 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

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ClientSampleId :
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Tgt Ion: 50 Resp: 20110
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2

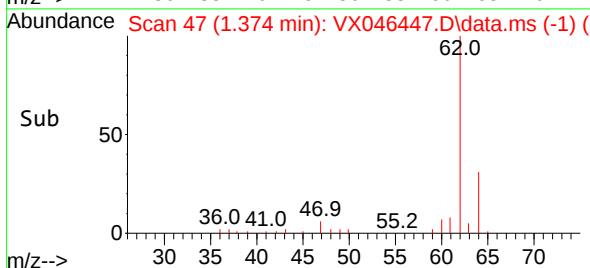
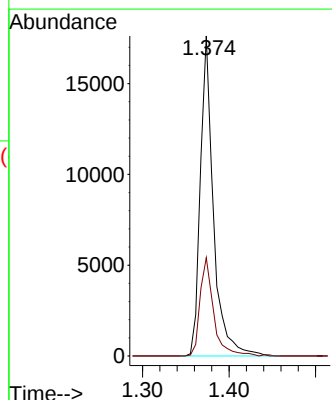
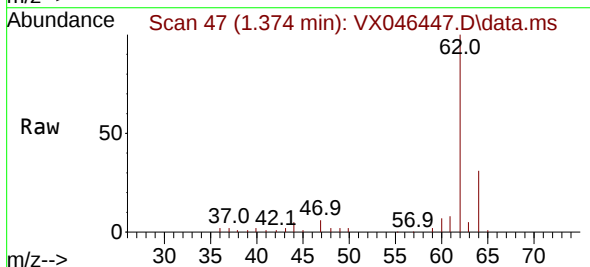
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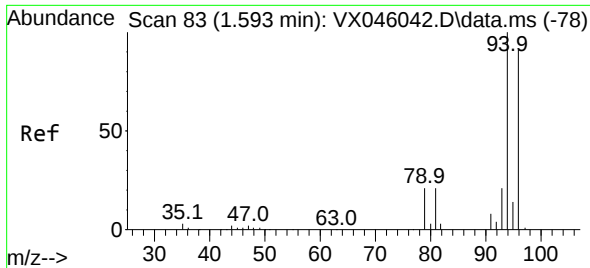
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#4
Vinyl Chloride
Concen: 15.797 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

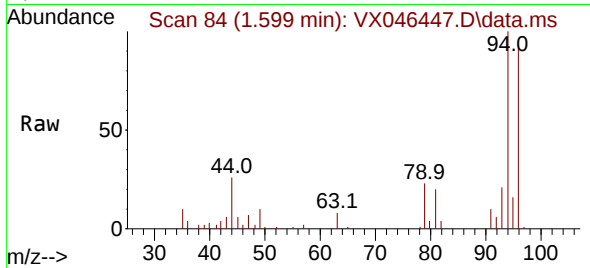
Tgt Ion: 62 Resp: 18530
Ion Ratio Lower Upper
62 100
64 30.7 25.2 37.8





#5
Bromomethane
Concen: 15.837 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

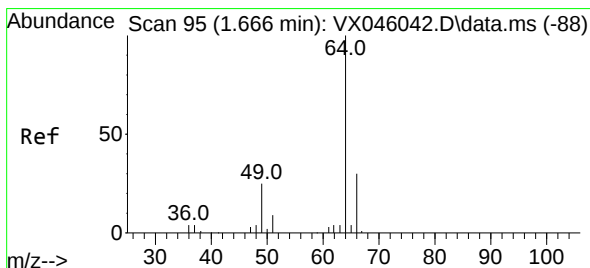
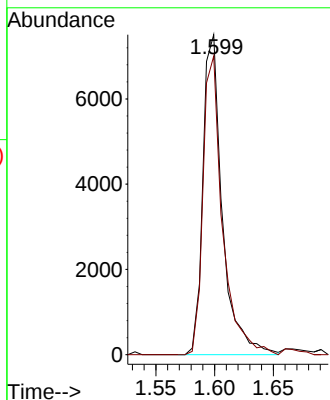
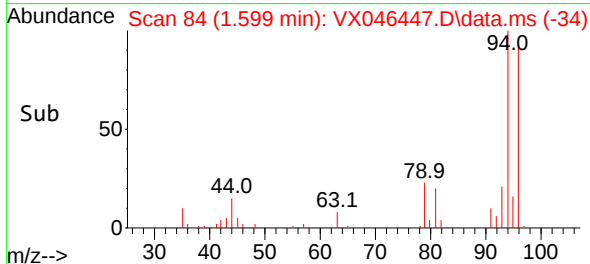
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Tgt Ion: 94 Resp: 8610
Ion Ratio Lower Upper
94 100
96 93.3 72.8 109.2

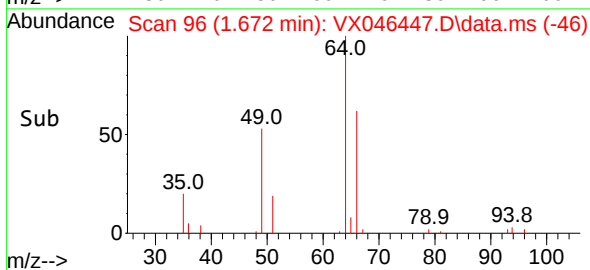
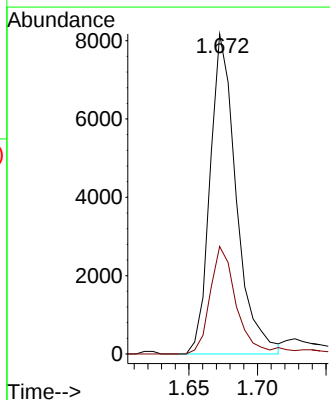
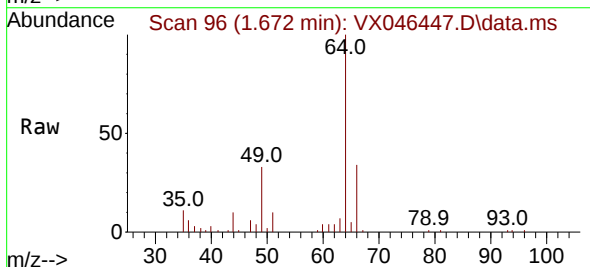
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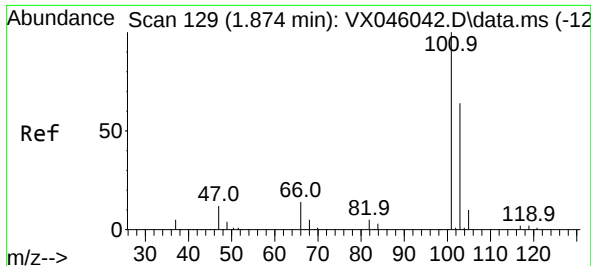
Reviewed By :John Carlone 06/03/2025
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#6
Chloroethane
Concen: 17.348 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

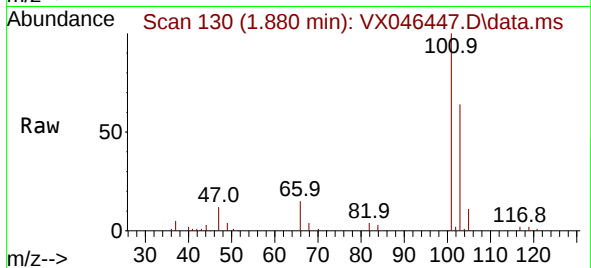
Tgt Ion: 64 Resp: 10863
Ion Ratio Lower Upper
64 100
66 33.6 24.3 36.5





#7
Trichlorofluoromethane
Concen: 17.374 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

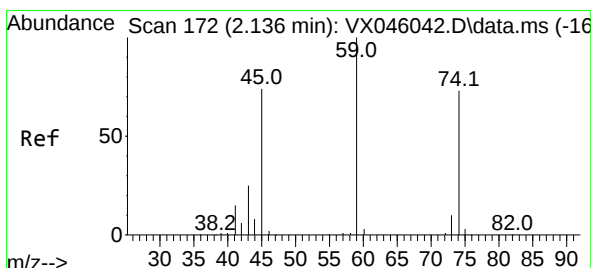
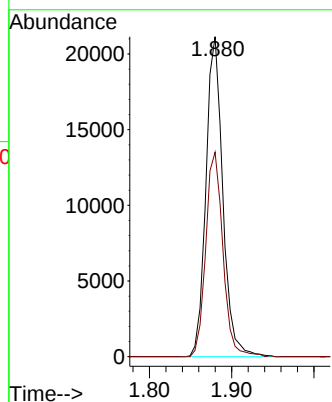
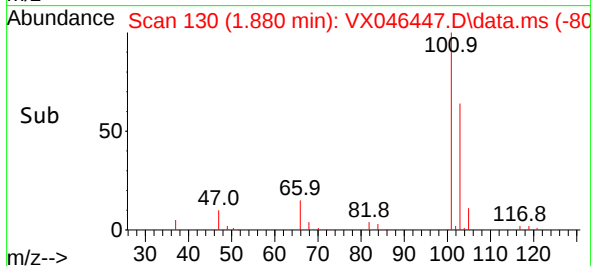
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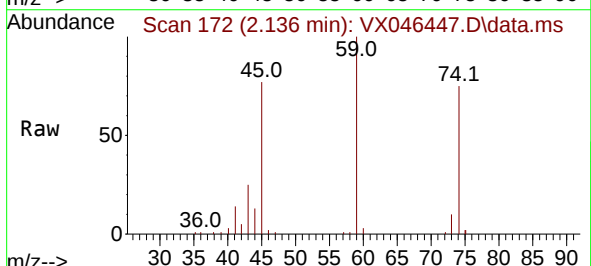
Tgt Ion:101 Resp: 30118
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.4

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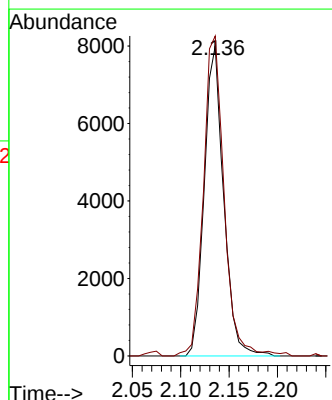
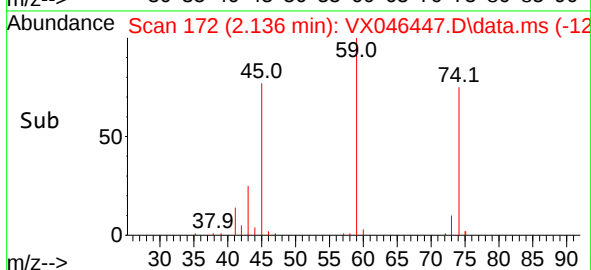
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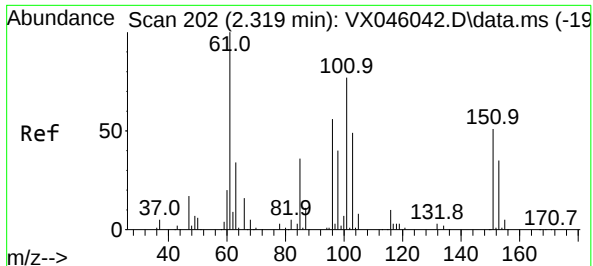


#8
Diethyl Ether
Concen: 18.965 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22



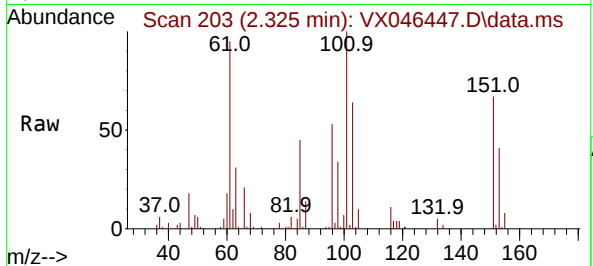
Tgt Ion: 74 Resp: 11192
Ion Ratio Lower Upper
74 100
45 110.1 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.363 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

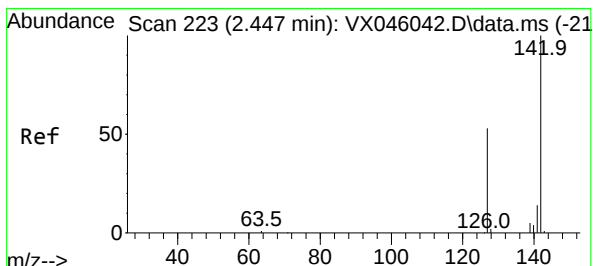
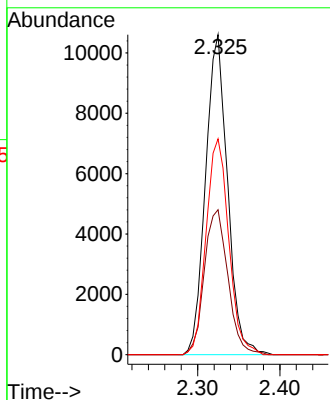
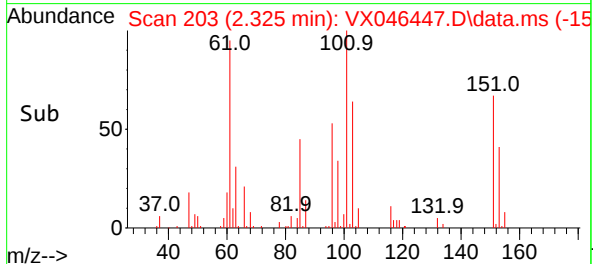
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



Tgt Ion:101 Resp: 19700
Ion Ratio Lower Upper
101 100
85 48.7 38.6 58.0
151 69.6 55.2 82.8

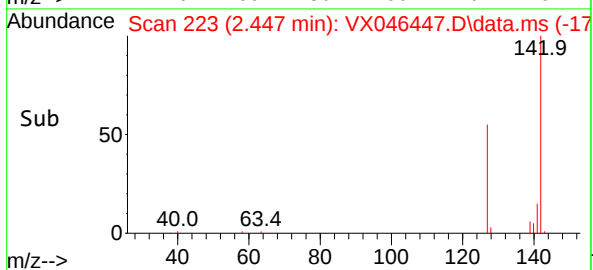
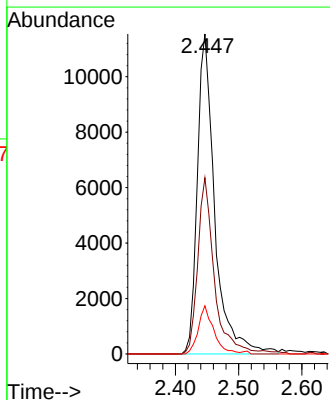
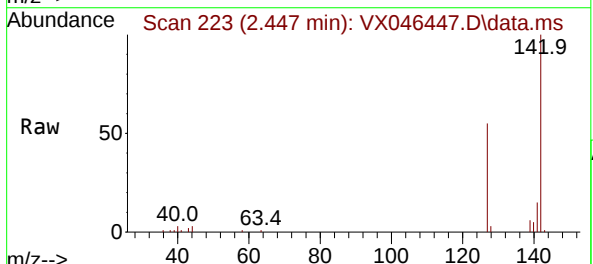
Manual Integrations
APPROVED

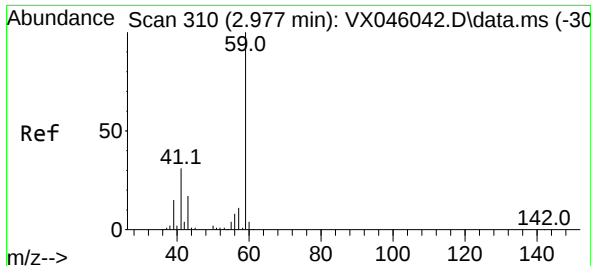
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#10
Methyl Iodide
Concen: 17.477 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

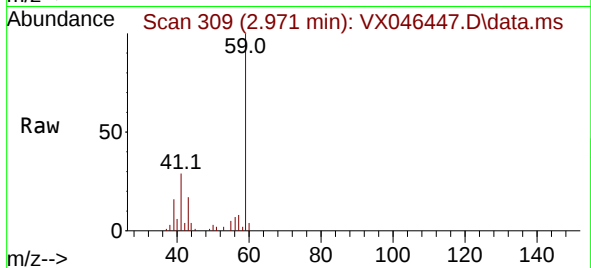
Tgt Ion:142 Resp: 22186
Ion Ratio Lower Upper
142 100
127 52.8 41.7 62.5
141 13.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 101.070 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

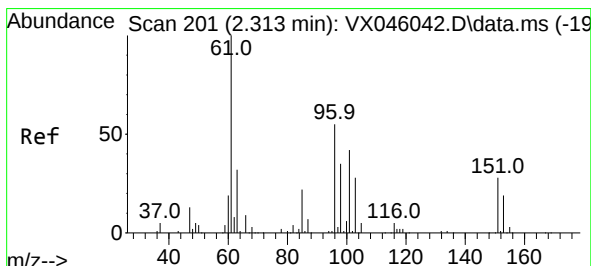
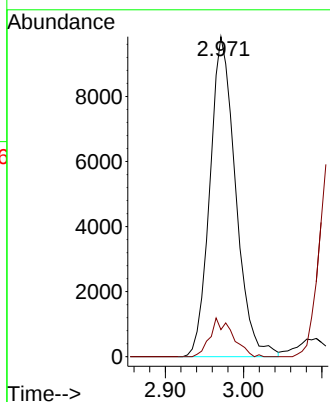
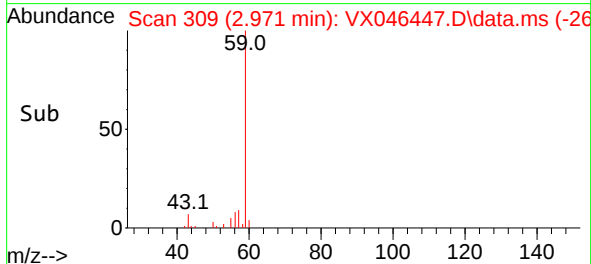
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



Tgt Ion: 59 Resp: 2245
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

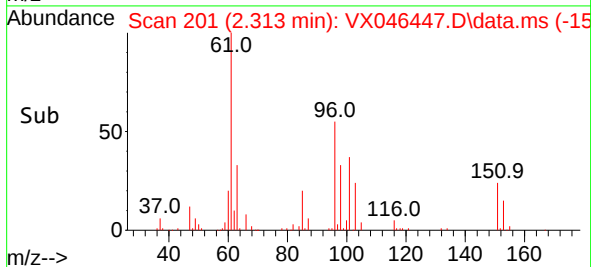
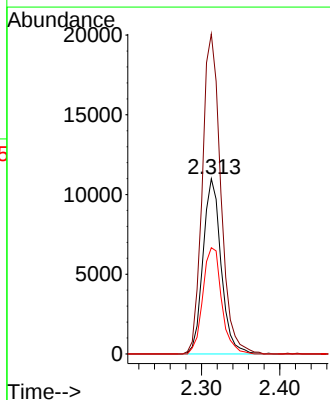
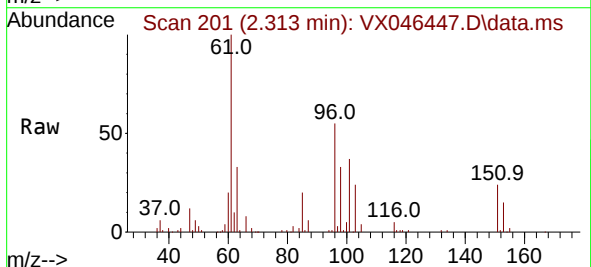
Manual Integrations
APPROVED

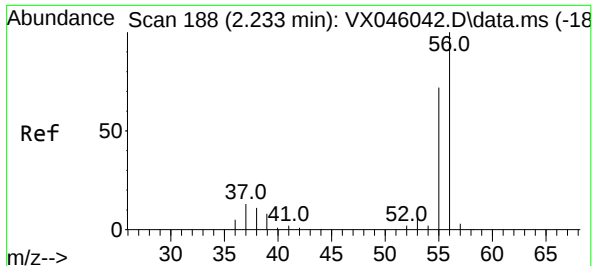
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#12
1,1-Dichloroethene
Concen: 17.505 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Tgt Ion: 96 Resp: 17625
Ion Ratio Lower Upper
96 100
61 182.6 146.2 219.2
98 60.6 51.0 76.6





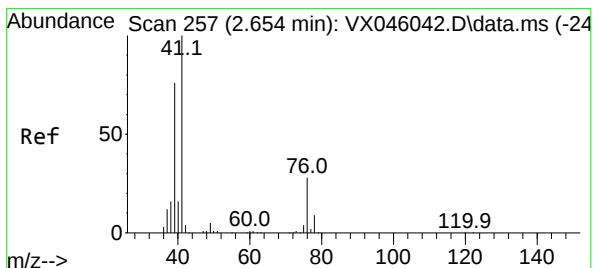
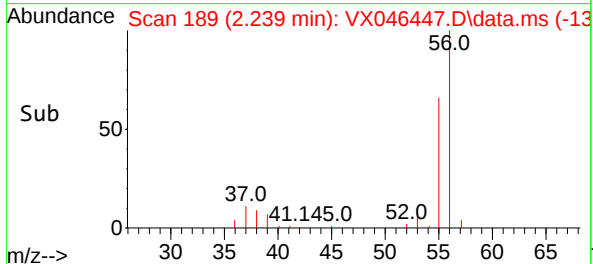
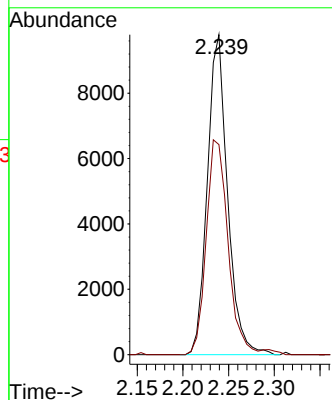
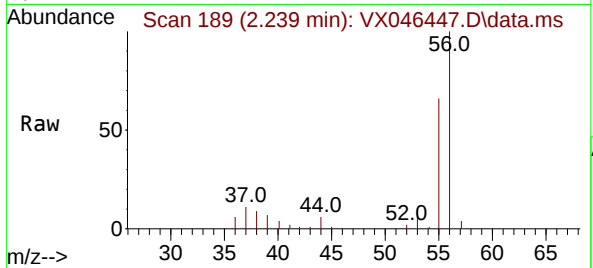
#13
Acrolein
Concen: 59.293 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0602MBS01

Tgt Ion: 56 Resp: 1500
Ion Ratio Lower Upper
56 100
55 72.1 56.2 84.4

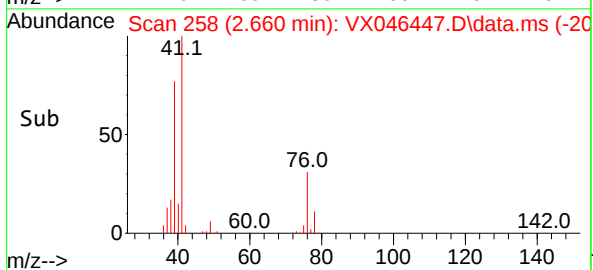
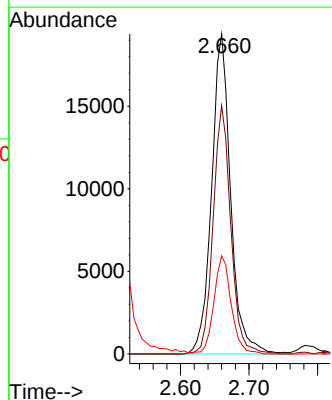
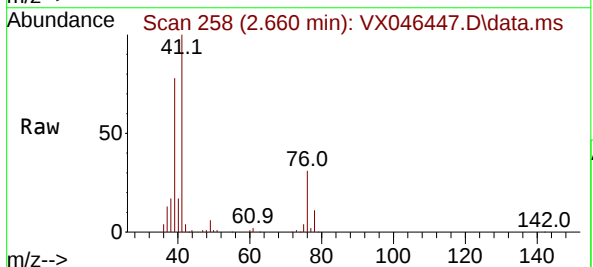
Manual Integrations
APPROVED

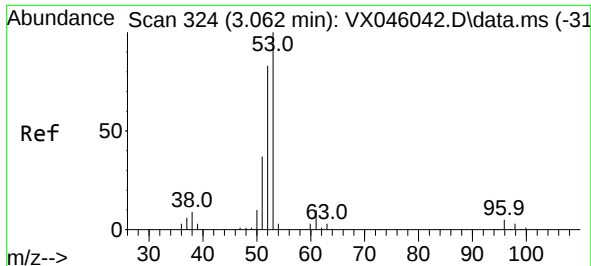
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#14
Allyl chloride
Concen: 19.445 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

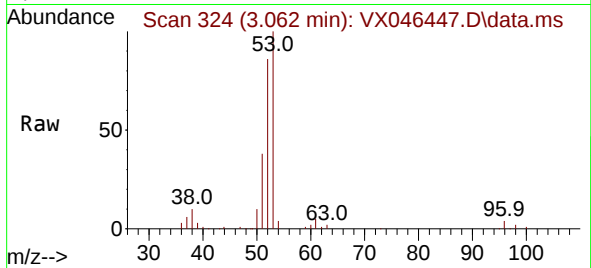
Tgt Ion: 41 Resp: 37417
Ion Ratio Lower Upper
41 100
39 71.9 60.6 90.8
76 27.9 24.9 37.3





#15
Acrylonitrile
Concen: 106.529 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

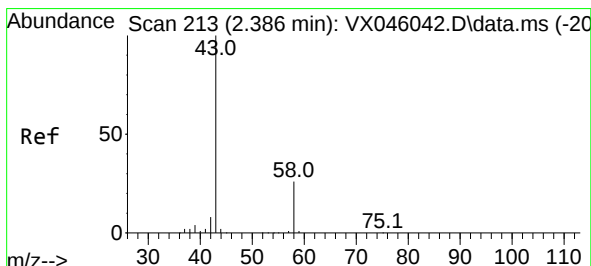
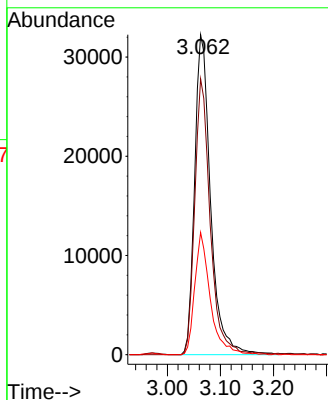
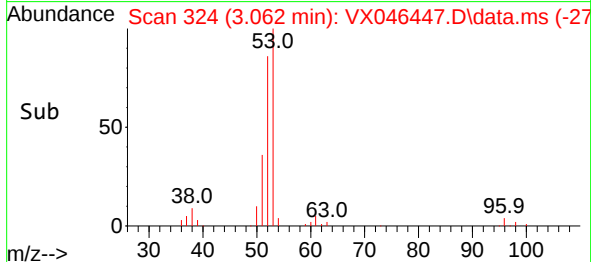
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



Tgt Ion: 53 Resp: 67689
Ion Ratio Lower Upper
53 100
52 83.4 65.3 97.9
51 37.2 29.8 44.8

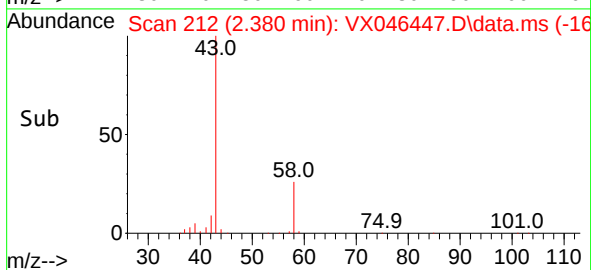
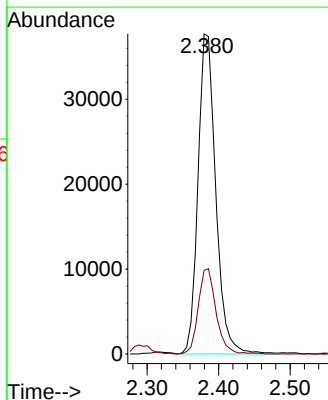
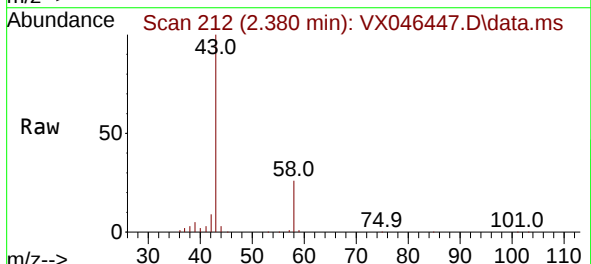
Manual Integrations
APPROVED

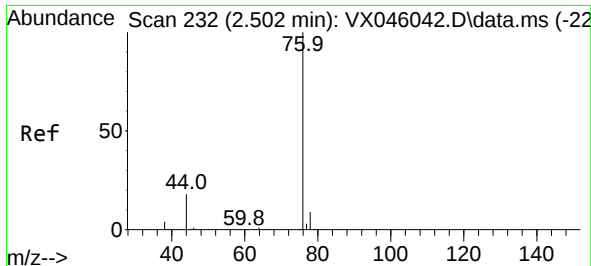
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#16
Acetone
Concen: 102.406 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Tgt Ion: 43 Resp: 65000
Ion Ratio Lower Upper
43 100
58 26.2 21.2 31.8





#17

Carbon Disulfide

Concen: 12.836 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0602MBSD01

Tgt Ion: 76 Resp: 30639

Ion Ratio Lower Upper

76 100

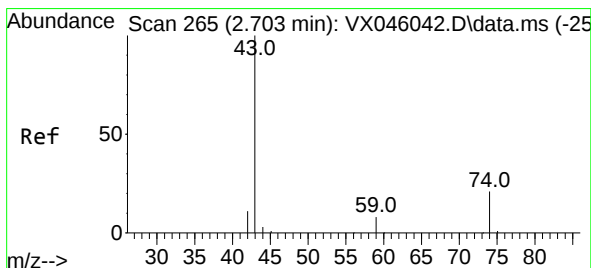
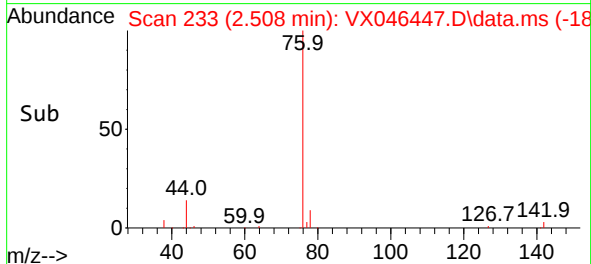
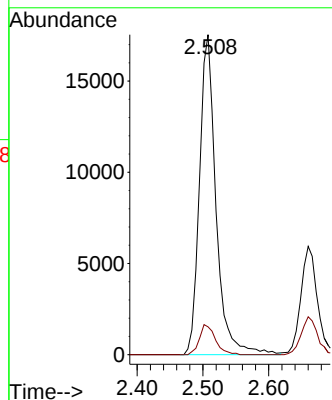
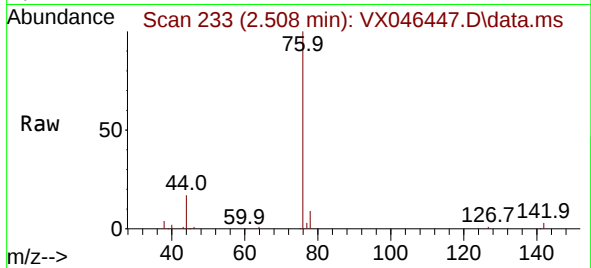
78 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#18

Methyl Acetate

Concen: 27.544 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046447.D

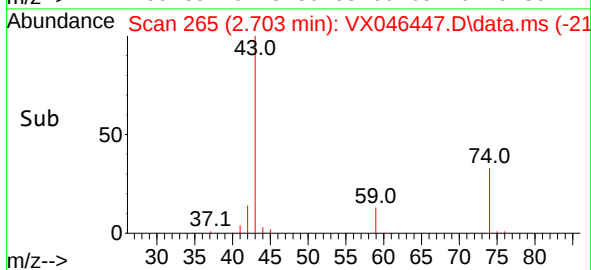
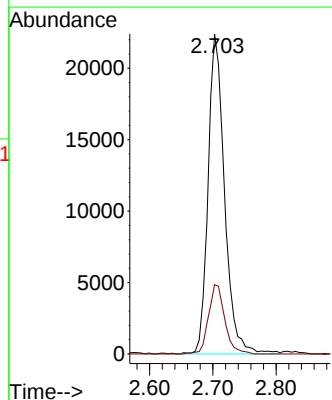
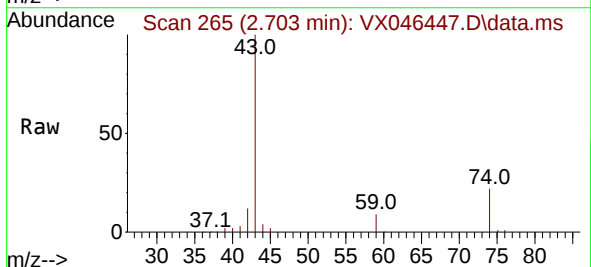
Acq: 02 Jun 2025 16:22

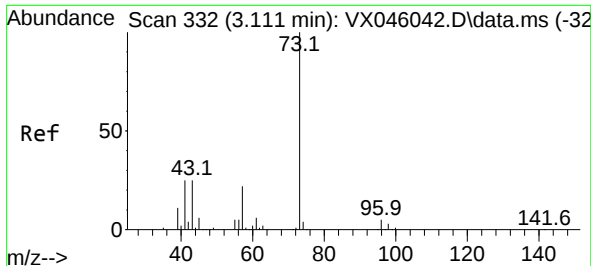
Tgt Ion: 43 Resp: 40570

Ion Ratio Lower Upper

43 100

74 21.4 16.7 25.1





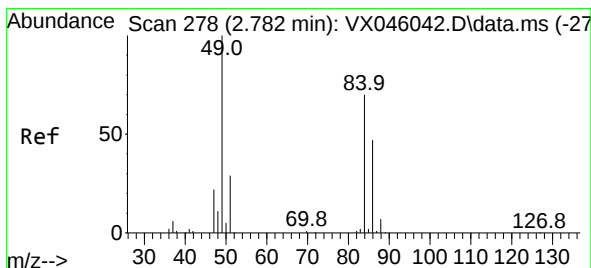
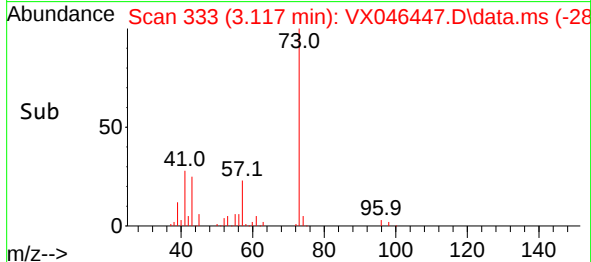
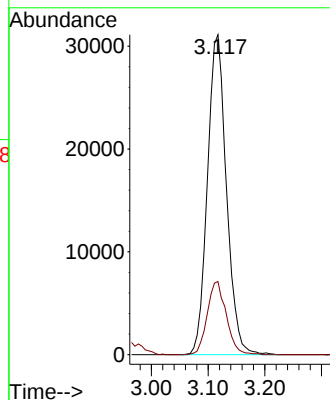
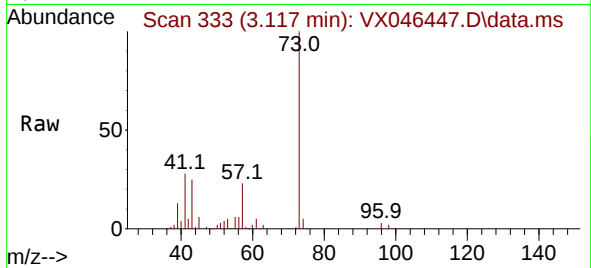
#19
Methyl tert-butyl Ether
Concen: 20.522 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0602MBS01

Tgt Ion: 73 Resp: 7244
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5

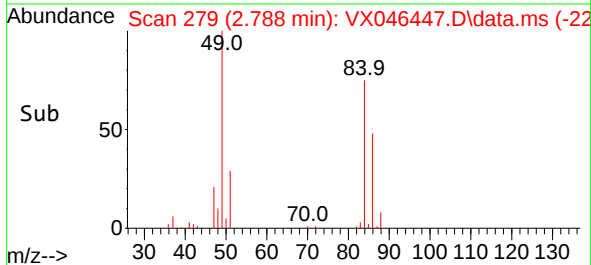
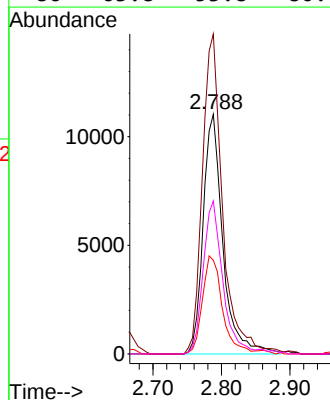
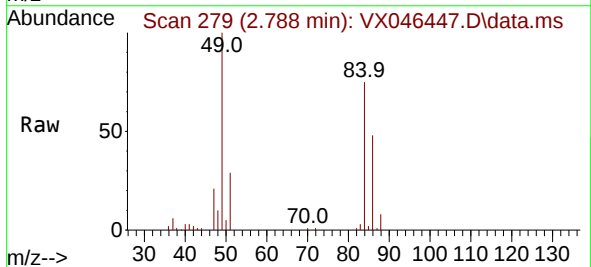
Manual Integrations
APPROVED

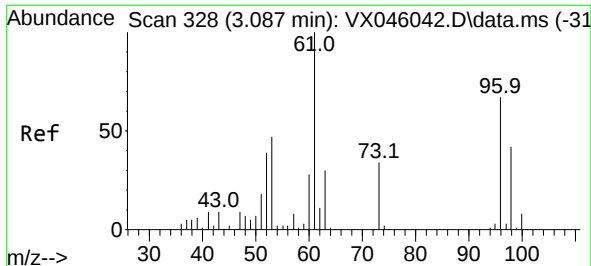
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#20
Methylene Chloride
Concen: 18.188 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

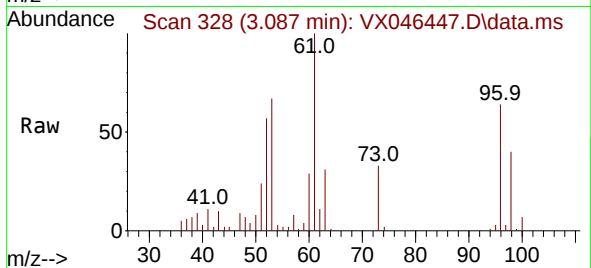
Tgt Ion: 84 Resp: 22123
Ion Ratio Lower Upper
84 100
49 133.5 113.9 170.9
51 39.1 33.5 50.3
86 63.8 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 17.499 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

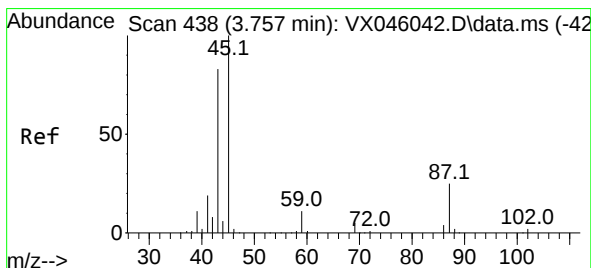
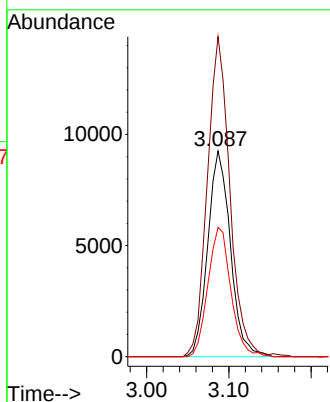
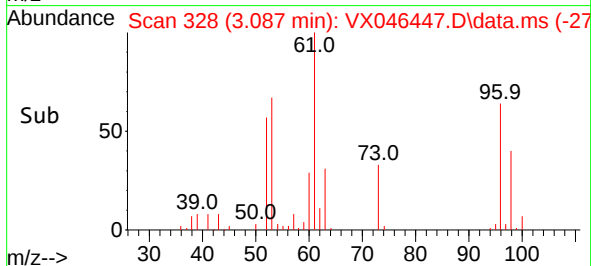
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBS01



Tgt Ion: 96 Resp: 17719
Ion Ratio Lower Upper
96 100
61 155.7 119.5 179.3
98 62.9 50.0 75.0

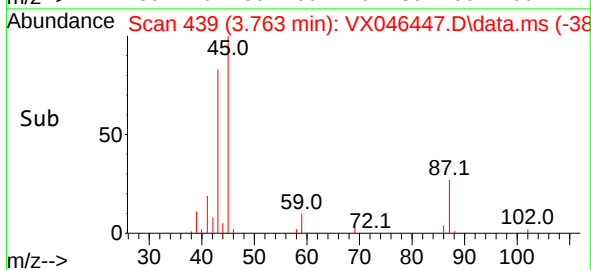
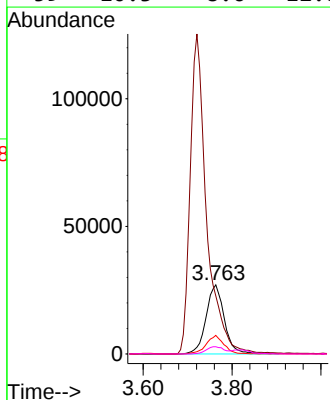
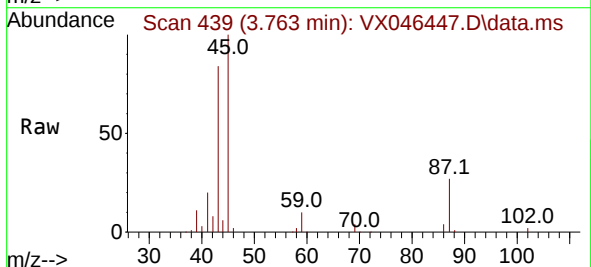
Manual Integrations
APPROVED

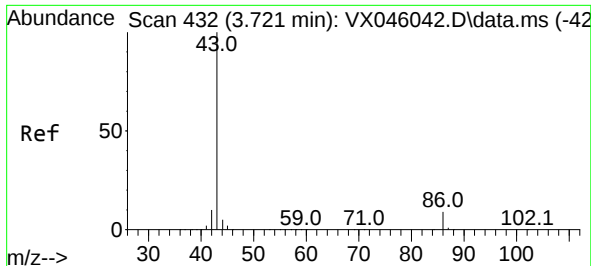
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#22
Diisopropyl ether
Concen: 20.870 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

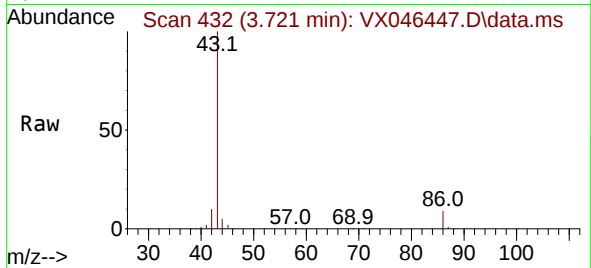
Tgt Ion: 45 Resp: 77575
Ion Ratio Lower Upper
45 100
43 83.5 66.6 100.0
87 26.8 19.8 29.6
59 10.3 8.6 12.8





#23
 Vinyl Acetate
 Concen: 98.723 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046447.D
 Acq: 02 Jun 2025 16:22

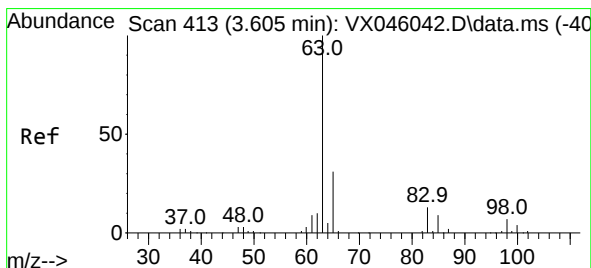
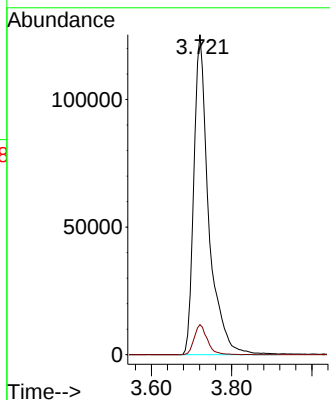
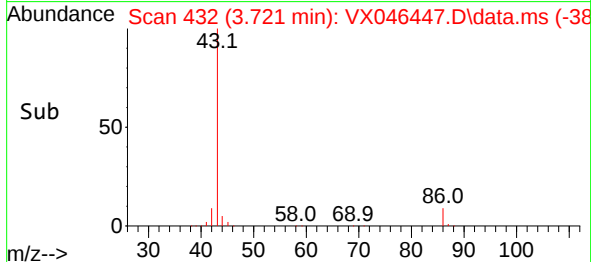
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602MBSD01



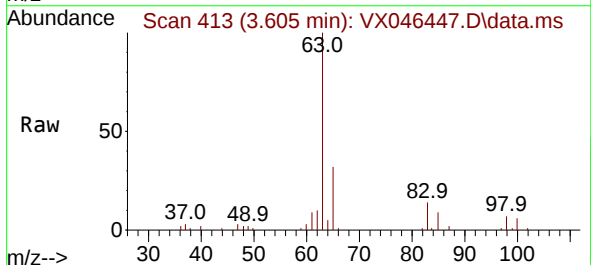
Tgt Ion: 43 Resp: 322750
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

Manual Integrations
 APPROVED

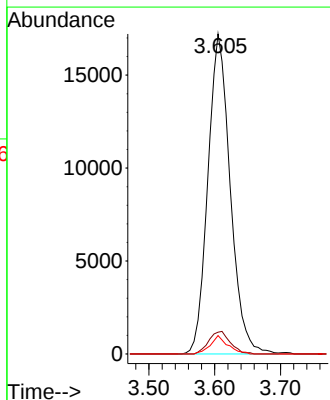
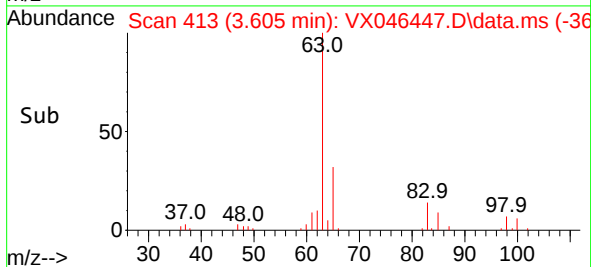
Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025

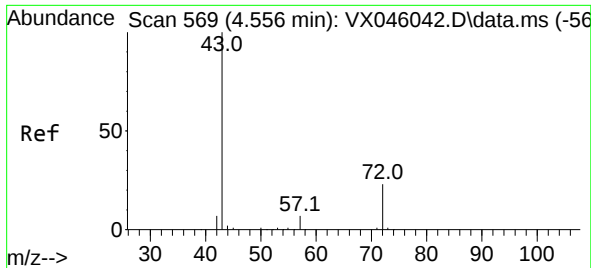


#24
 1,1-Dichloroethane
 Concen: 19.692 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046447.D
 Acq: 02 Jun 2025 16:22



Tgt Ion: 63 Resp: 40769
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 5.8 2.1 6.3





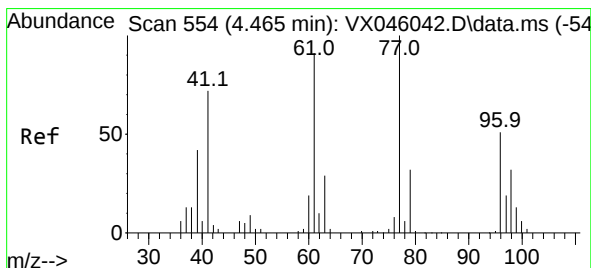
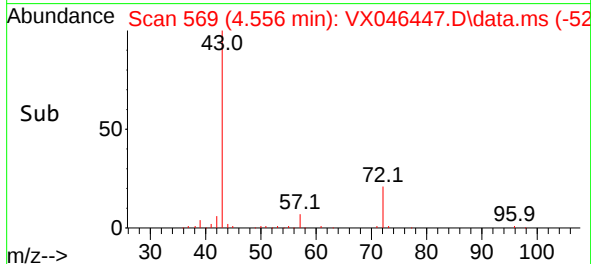
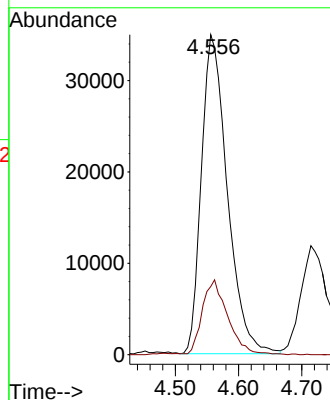
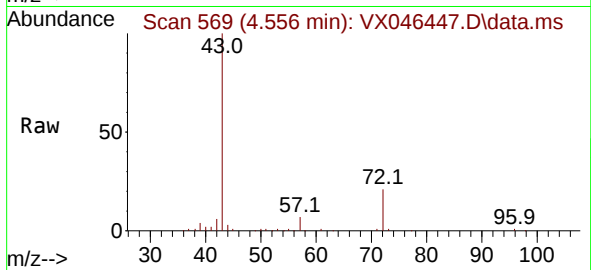
#25
2-Butanone
Concen: 108.030 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01

Tgt Ion: 43 Resp: 99549
Ion Ratio Lower Upper
43 100
72 21.1 18.4 27.6

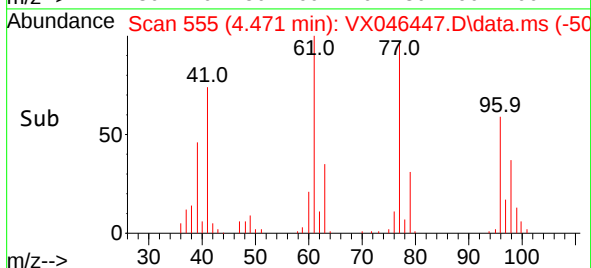
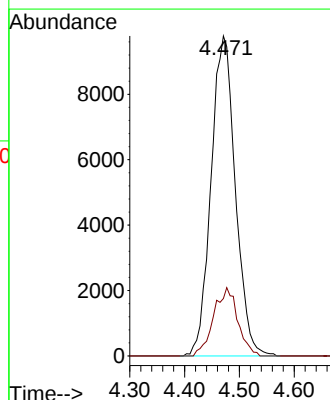
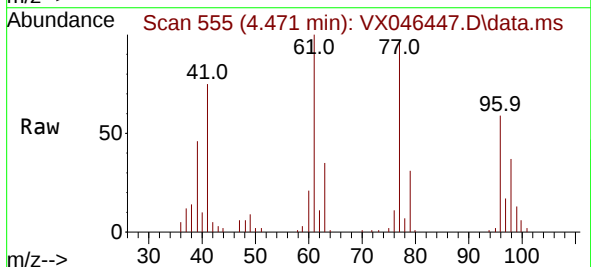
Manual Integrations
APPROVED

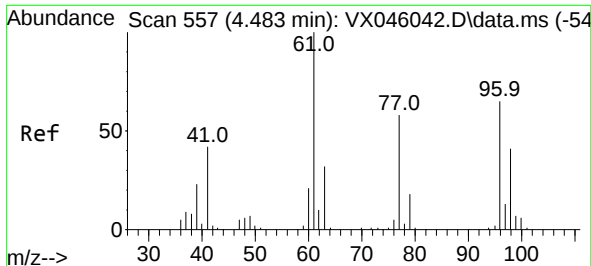
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#26
2,2-Dichloropropane
Concen: 18.597 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Tgt Ion: 77 Resp: 30136
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 19.430 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX046447.D

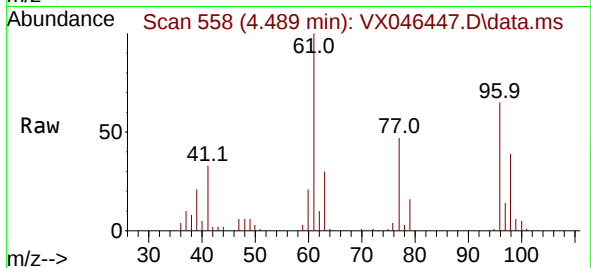
Acq: 02 Jun 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0602MBSD01



Tgt Ion: 96 Resp: 23684

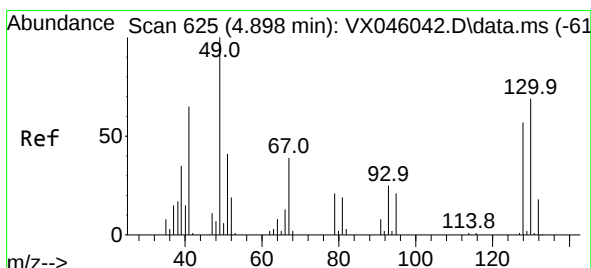
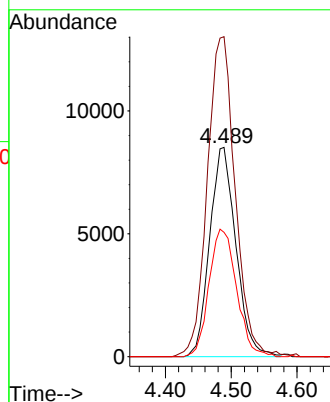
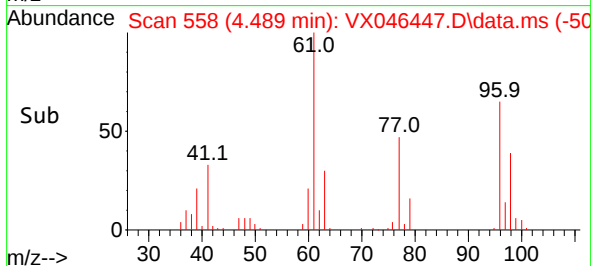
Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	322.8
98	63.9	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#28

Bromochloromethane

Concen: 21.472 ug/l

RT: 4.897 min Scan# 625

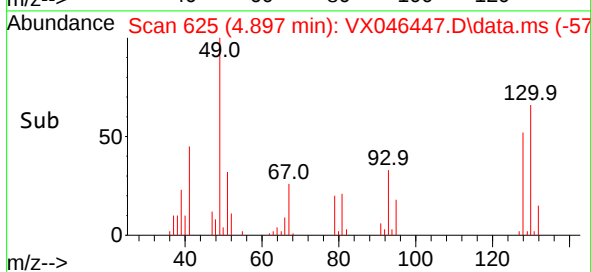
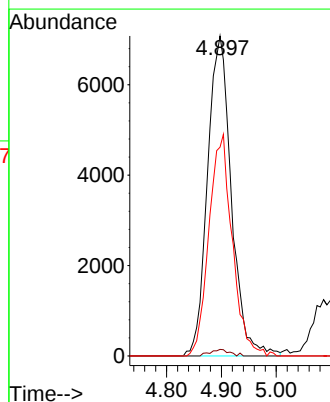
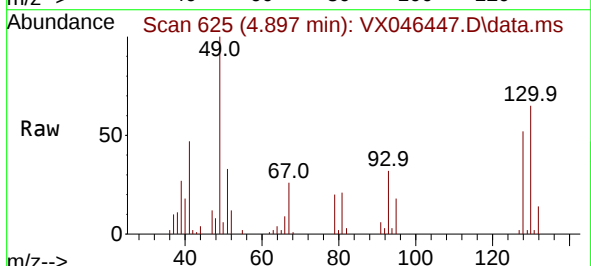
Delta R.T. -0.000 min

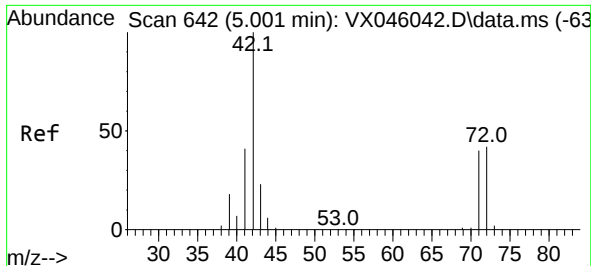
Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Tgt Ion: 49 Resp: 21398

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	68.0	56.2	84.2





#29

Tetrahydrofuran

Concen: 105.419 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0602MBS01

Tgt Ion: 42 Resp: 60872

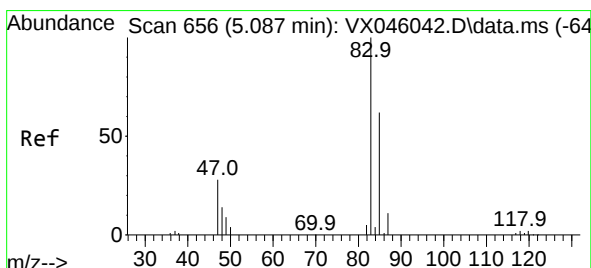
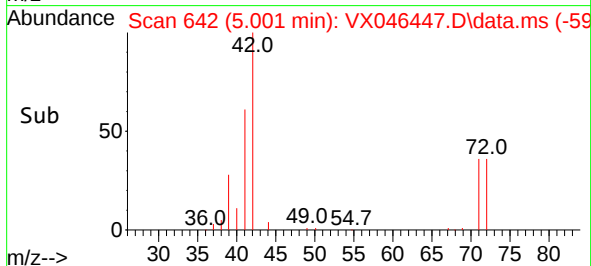
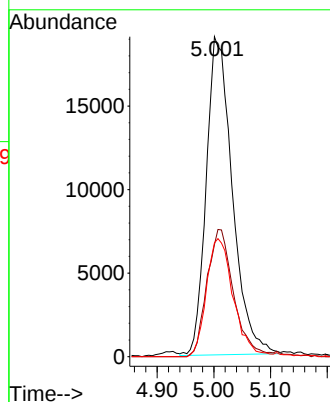
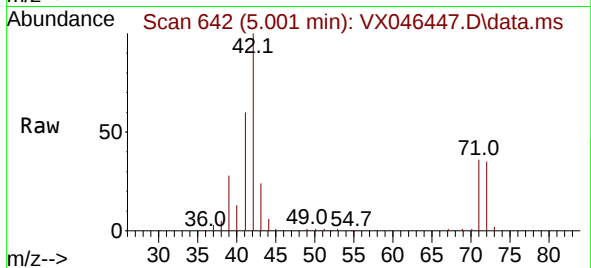
Ion	Ratio	Lower	Upper
42	100		
72	40.9	33.7	50.5
71	38.2	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#30

Chloroform

Concen: 20.532 ug/l

RT: 5.093 min Scan# 657

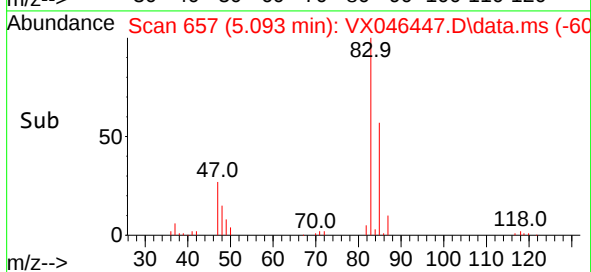
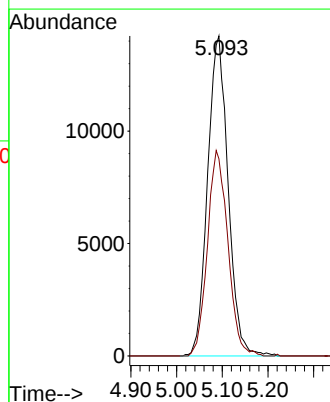
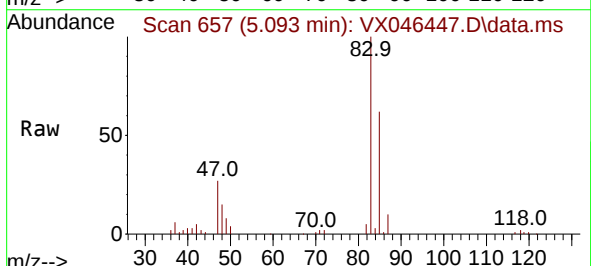
Delta R.T. 0.006 min

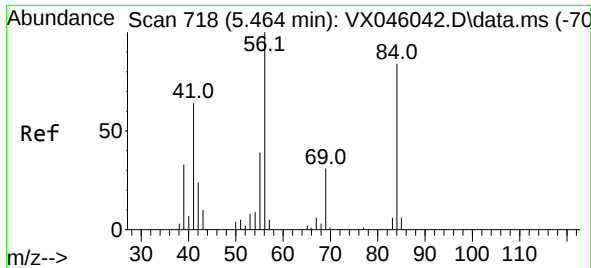
Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Tgt Ion: 83 Resp: 44305

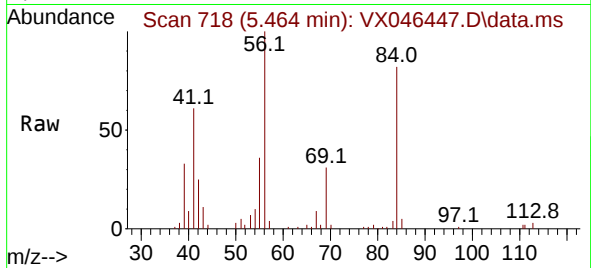
Ion	Ratio	Lower	Upper
83	100		
85	61.6	49.3	73.9





#31
Cyclohexane
Concen: 17.050 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

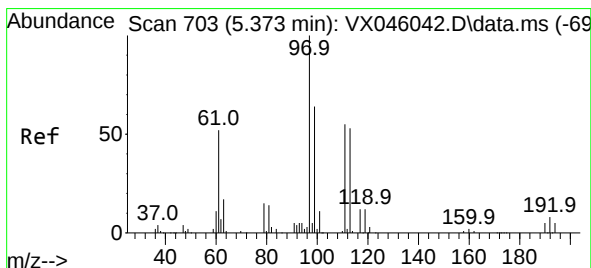
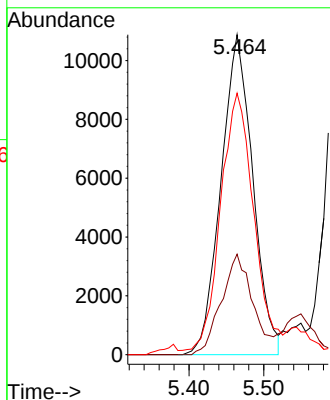
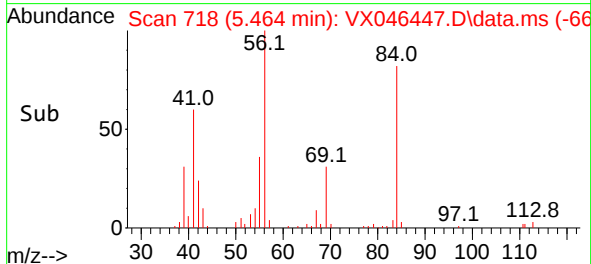
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



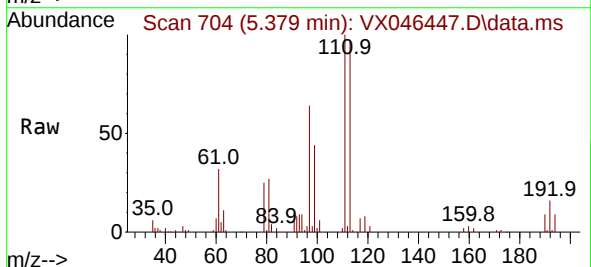
Tgt Ion: 56 Resp: 3216
Ion Ratio Lower Upper
56 100
69 31.4 24.4 36.6
84 80.4 66.9 100.3

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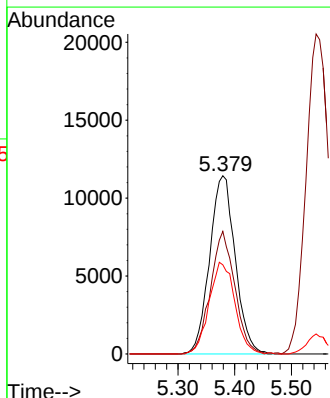
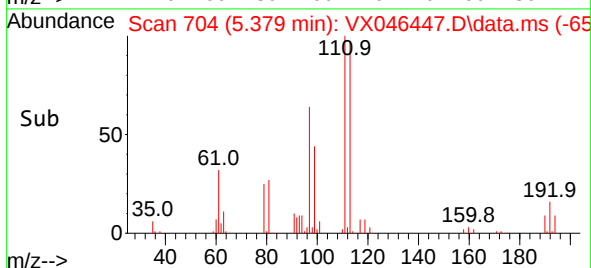
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

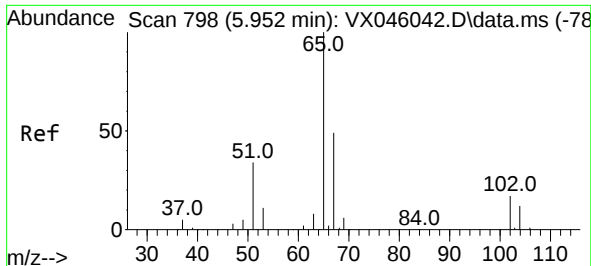


#32
1,1,1-Trichloroethane
Concen: 19.151 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22



Tgt Ion: 97 Resp: 35824
Ion Ratio Lower Upper
97 100
99 65.4 51.8 77.6
61 51.6 40.1 60.1





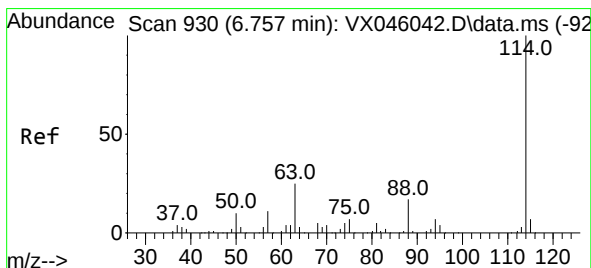
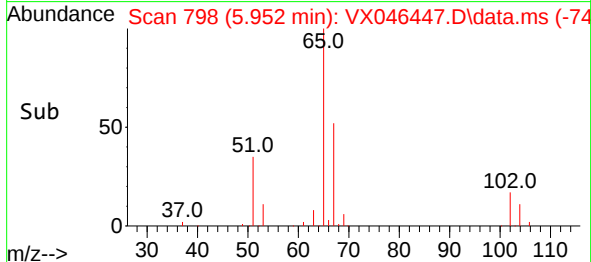
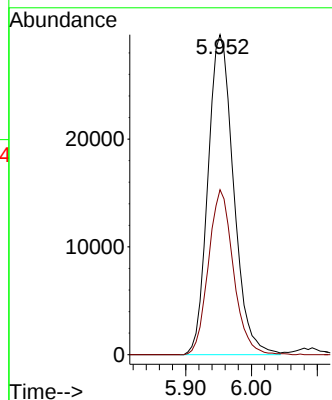
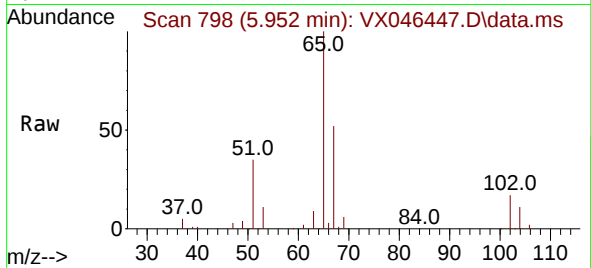
#33
1,2-Dichloroethane-d4
Concen: 50.763 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01

Tgt Ion: 65 Resp: 8036
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.0

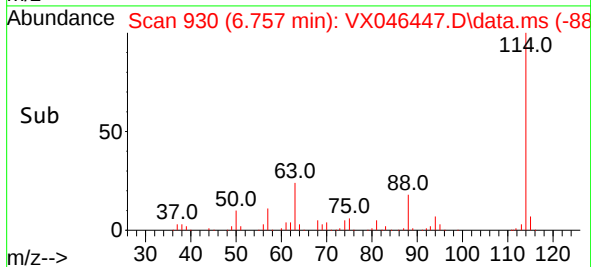
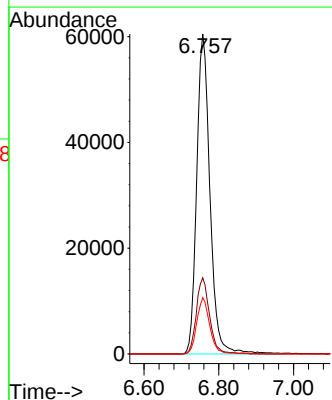
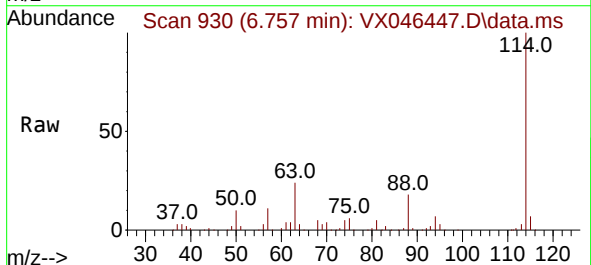
Manual Integrations
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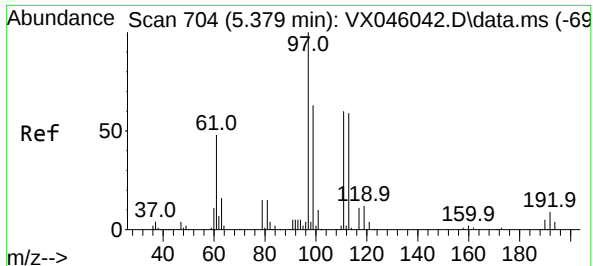
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

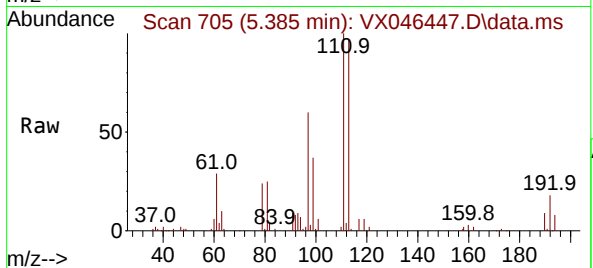
Tgt Ion:114 Resp: 148772
Ion Ratio Lower Upper
114 100
63 23.8 0.0 49.2
88 17.6 0.0 33.6





#35
Dibromofluoromethane
Concen: 51.315 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

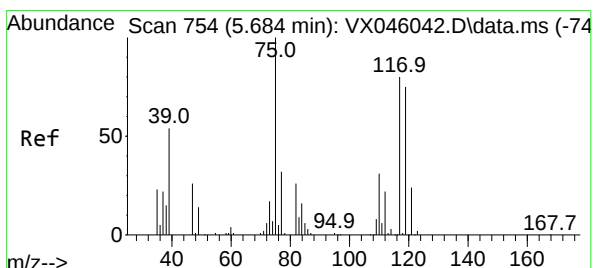
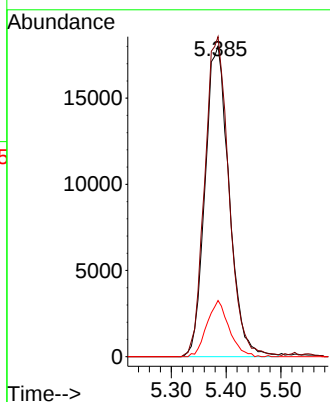
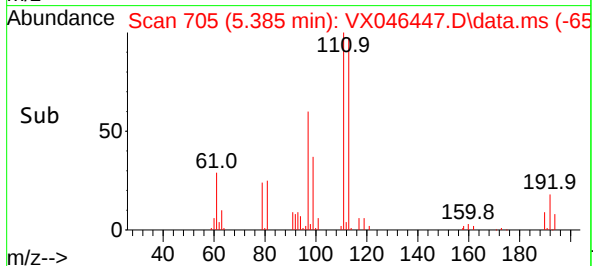
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



Tgt Ion: 113 Resp: 5497
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 16.6 13.3 19.9

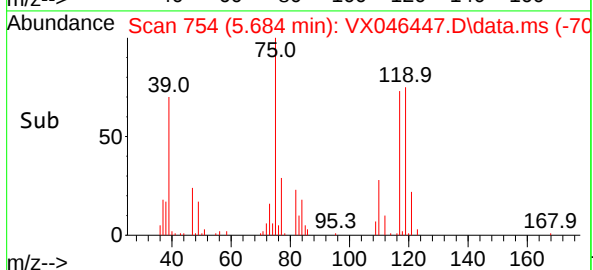
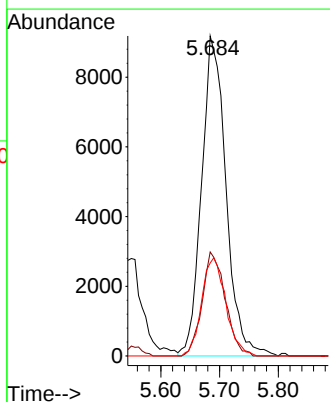
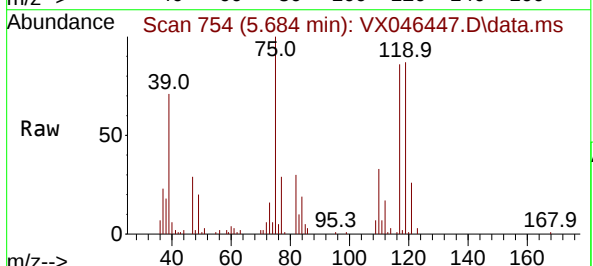
Manual Integrations
APPROVED

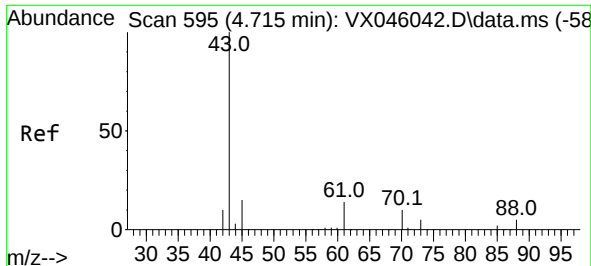
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#36
1,1-Dichloropropene
Concen: 18.415 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Tgt Ion: 75 Resp: 26507
Ion Ratio Lower Upper
75 100
110 30.8 16.3 48.9
77 30.4 24.3 36.5





#37

Ethyl Acetate

Concen: 20.062 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0602MBSD01

Tgt Ion: 43 Resp: 35679

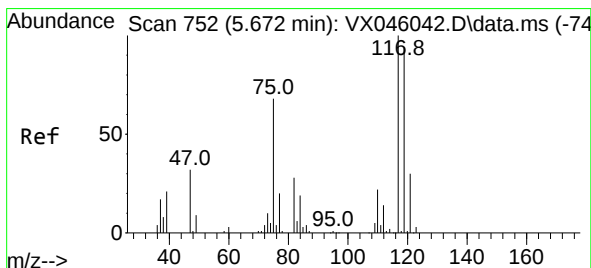
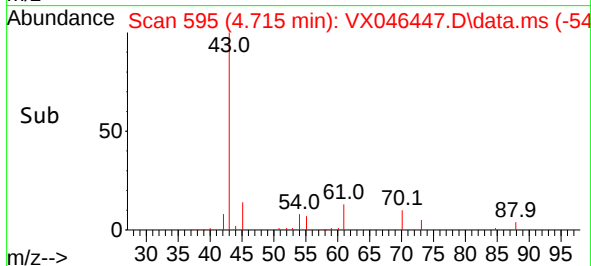
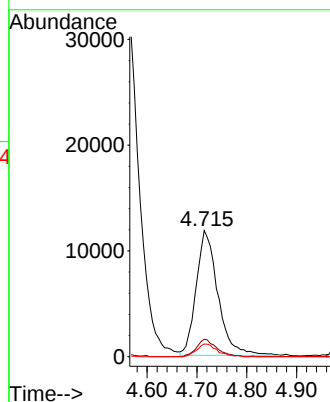
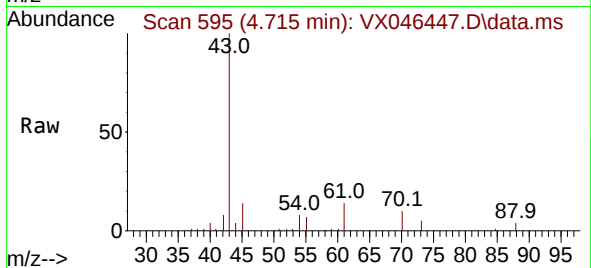
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.3	15.5
70	9.5	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#38

Carbon Tetrachloride

Concen: 18.403 ug/l

RT: 5.678 min Scan# 753

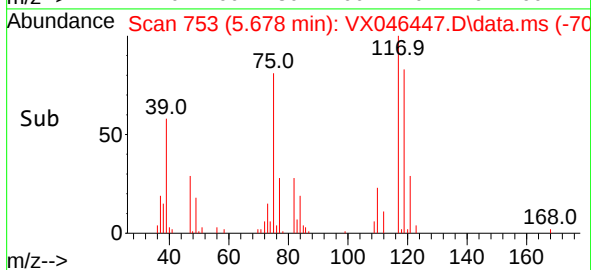
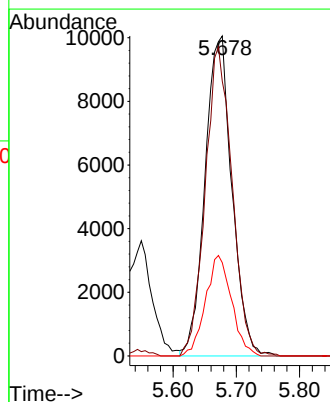
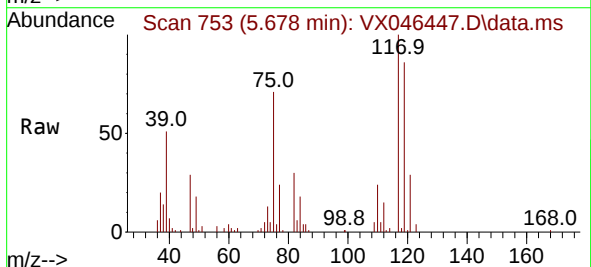
Delta R.T. 0.006 min

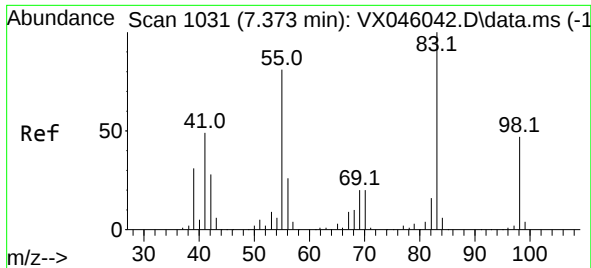
Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Tgt Ion:117 Resp: 29764

Ion	Ratio	Lower	Upper
117	100		
119	85.9	75.2	112.8
121	29.1	24.2	36.4





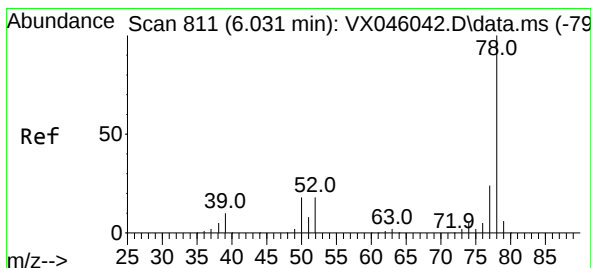
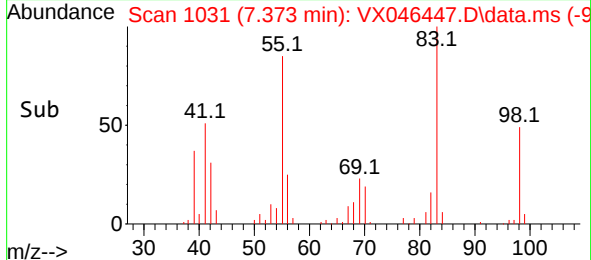
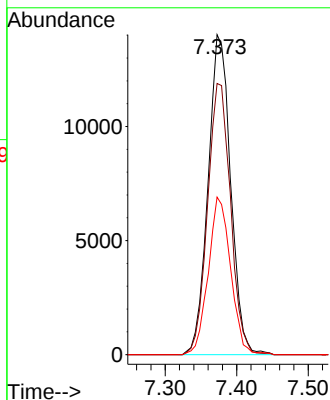
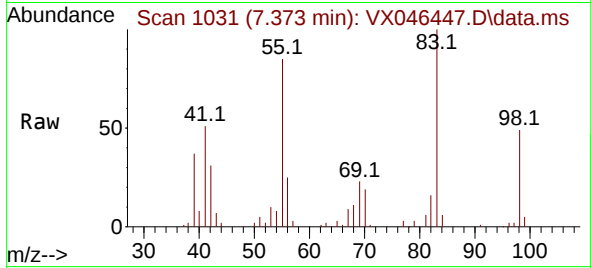
#39
Methylcyclohexane
Concen: 16.620 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01

Tgt Ion: 83 Resp: 30799
Ion Ratio Lower Upper
83 100
55 84.8 64.7 97.1
98 49.2 37.4 56.2

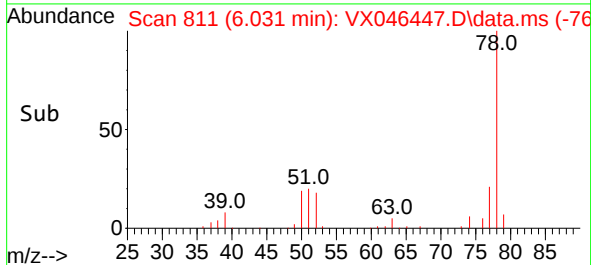
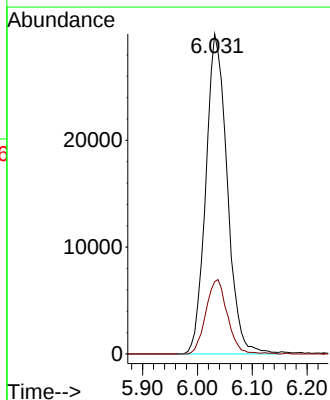
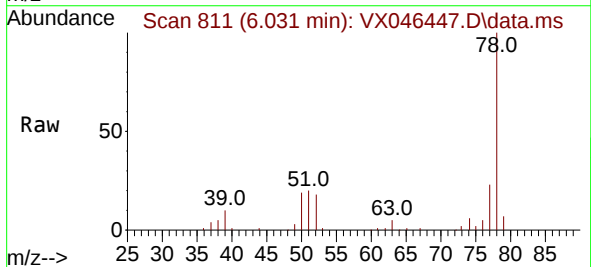
Manual Integrations
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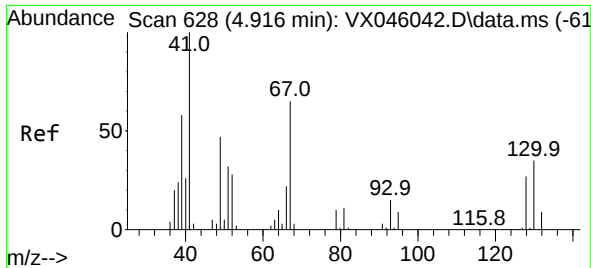
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#40
Benzene
Concen: 19.270 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

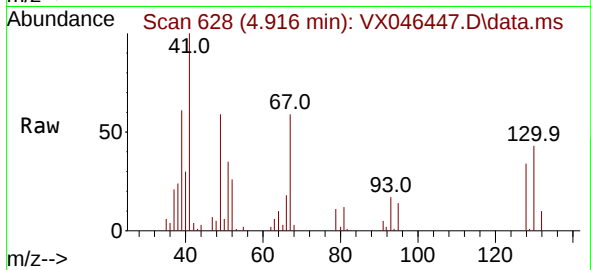
Tgt Ion: 78 Resp: 81246
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4





#41
Methacrylonitrile
Concen: 22.830 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

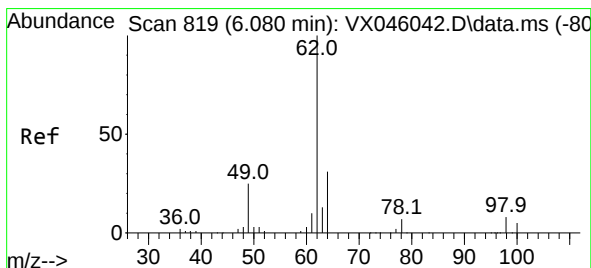
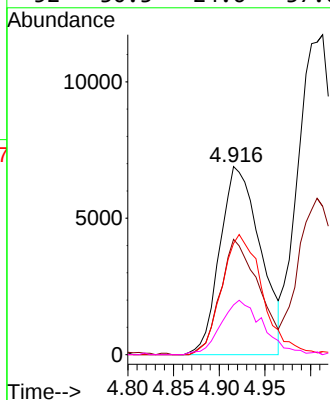
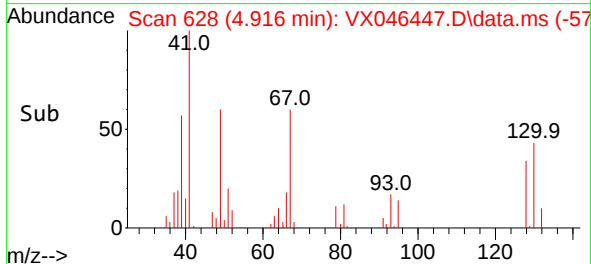
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



Tgt Ion: 41 Resp: 21239
Ion Ratio Lower Upper
41 100
39 58.4 47.2 70.8
67 64.6 50.7 76.1
52 30.3 24.6 37.0

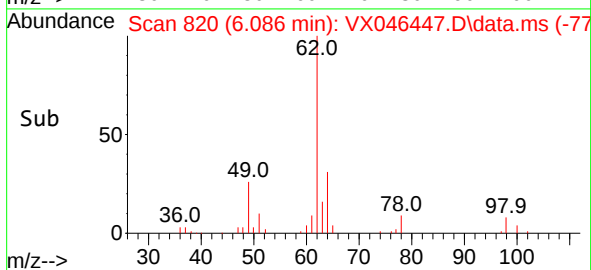
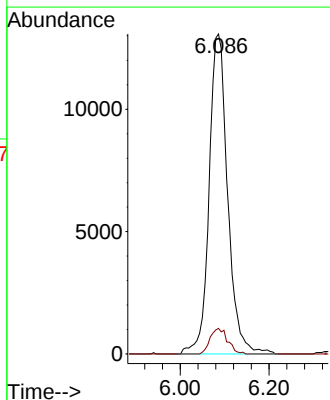
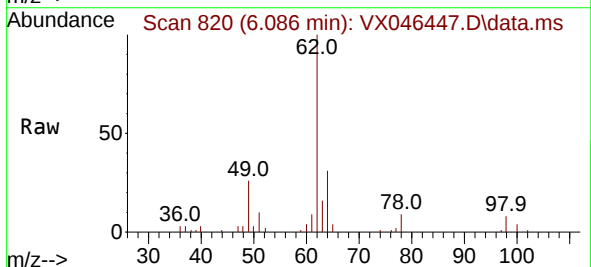
Manual Integrations
APPROVED

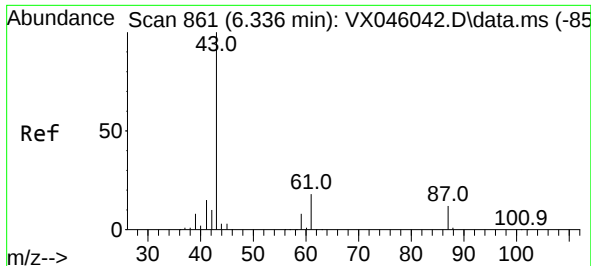
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#42
1,2-Dichloroethane
Concen: 20.827 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

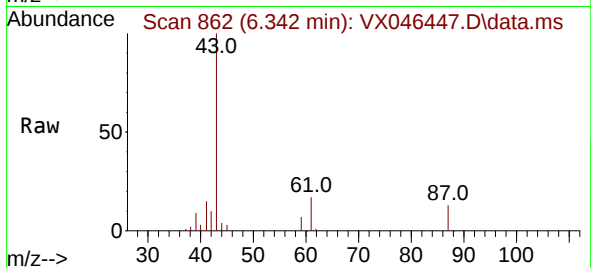
Tgt Ion: 62 Resp: 37898
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.2





#43
Isopropyl Acetate
Concen: 21.279 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

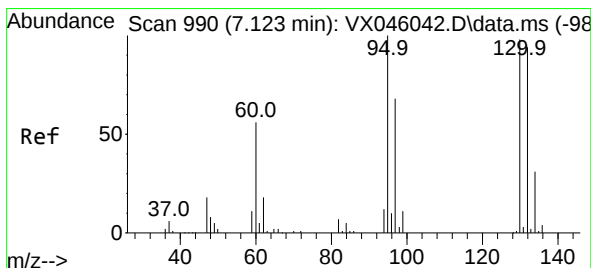
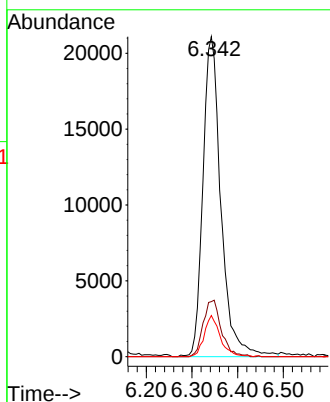
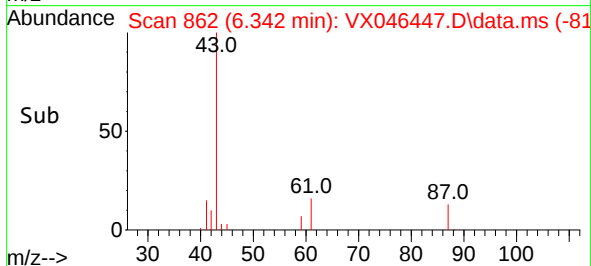
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



Tgt Ion: 43 Resp: 57730
Ion Ratio Lower Upper
43 100
61 17.7 14.3 21.5
87 11.4 9.5 14.3

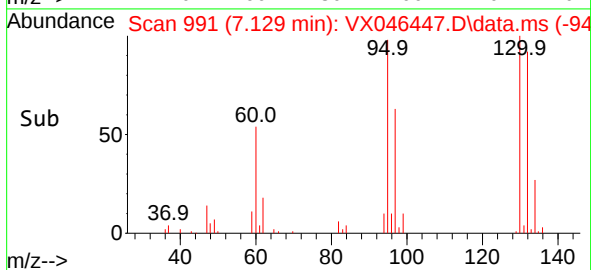
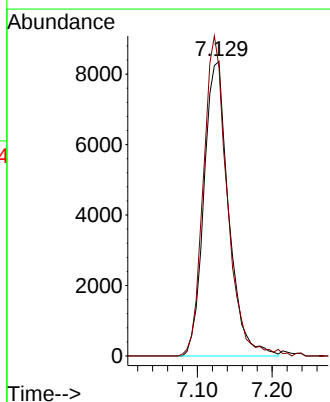
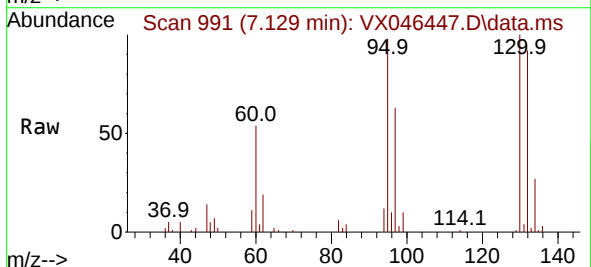
Manual Integrations
APPROVED

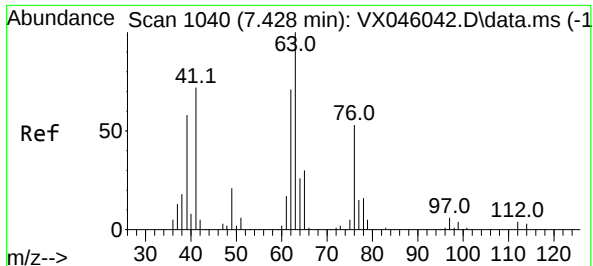
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#44
Trichloroethene
Concen: 18.959 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Tgt Ion:130 Resp: 19239
Ion Ratio Lower Upper
130 100
95 98.0 0.0 204.2





#45

1,2-Dichloropropane

Concen: 20.690 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0602MBSD01

Tgt Ion: 63 Resp: 2169

Ion Ratio Lower Upper

63 100

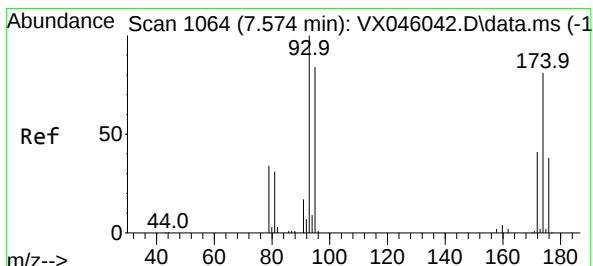
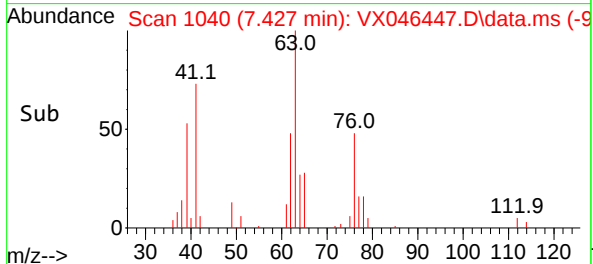
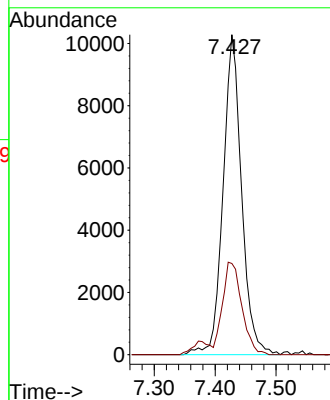
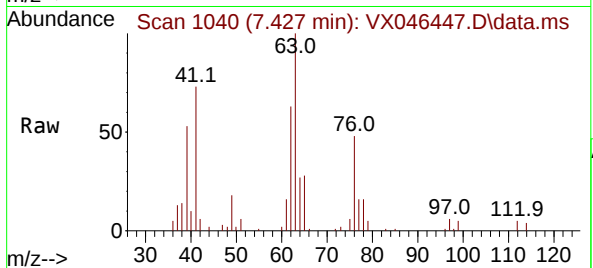
65 28.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#46

Dibromomethane

Concen: 20.013 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

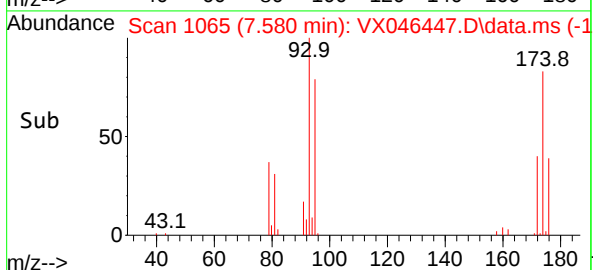
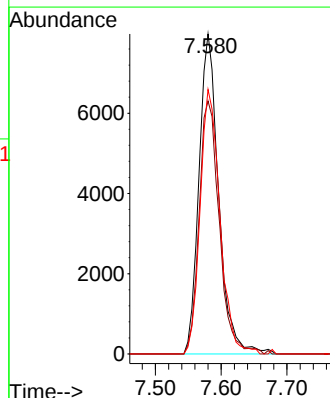
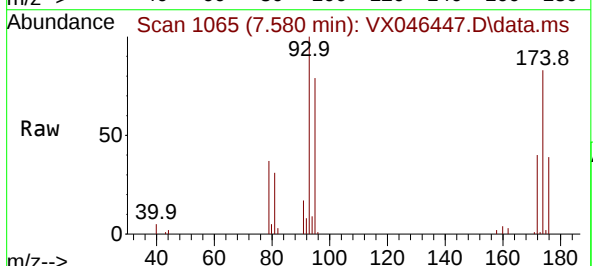
Tgt Ion: 93 Resp: 16548

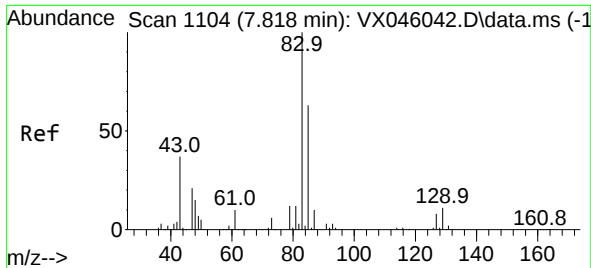
Ion Ratio Lower Upper

93 100

95 81.2 65.6 98.4

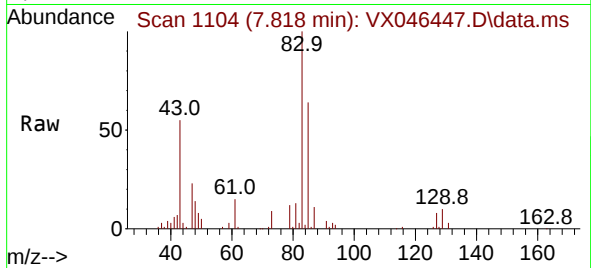
174 83.5 68.2 102.2





#47
Bromodichloromethane
Concen: 20.386 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

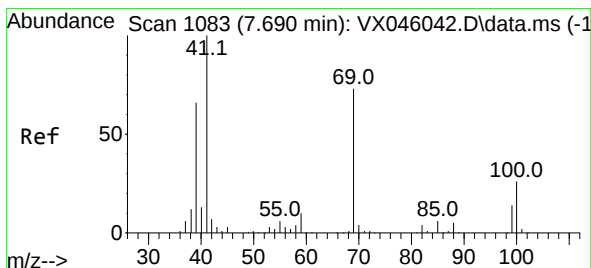
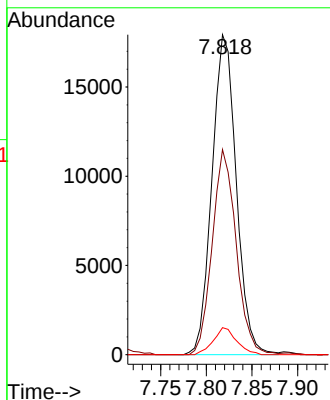
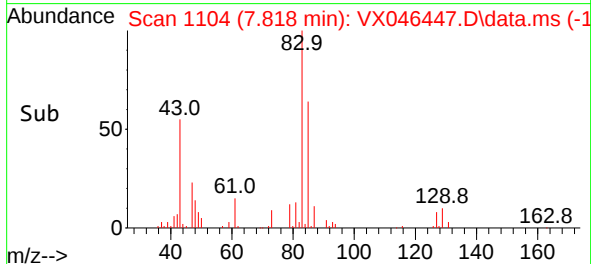
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



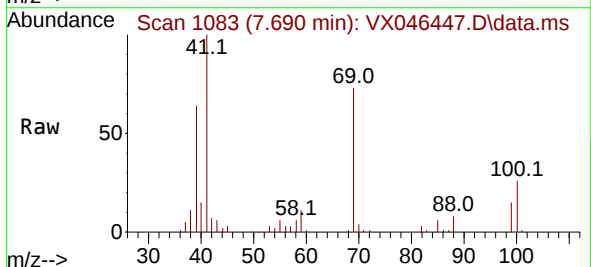
Tgt Ion: 83 Resp: 33200
Ion Ratio Lower Upper
83 100
85 64.1 50.5 75.7
127 8.4 6.5 9.7

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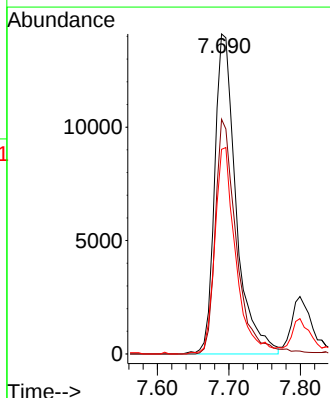
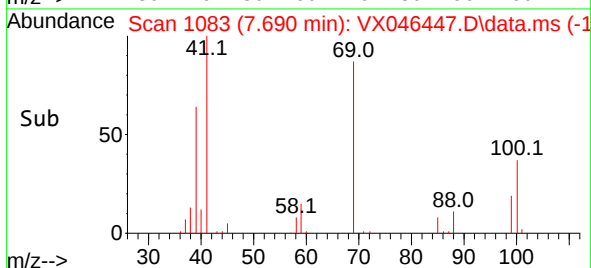
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

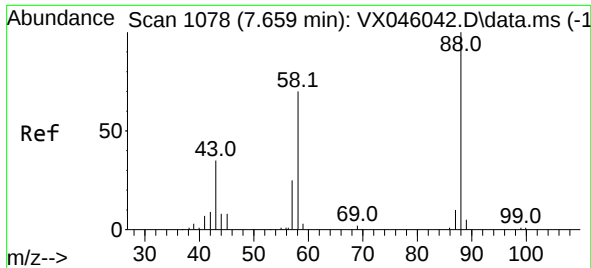


#48
Methyl methacrylate
Concen: 21.271 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22



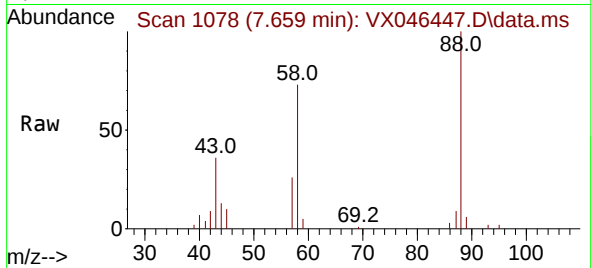
Tgt Ion: 41 Resp: 29473
Ion Ratio Lower Upper
41 100
69 72.1 58.5 87.7
39 62.6 51.7 77.5





#49
1,4-Dioxane
Concen: 387.290 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

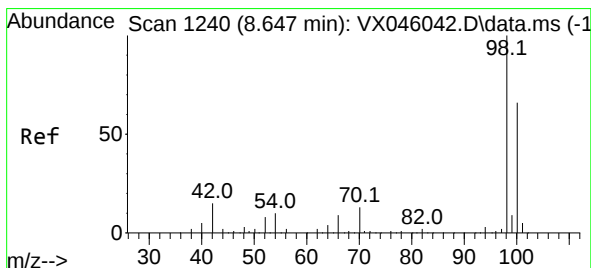
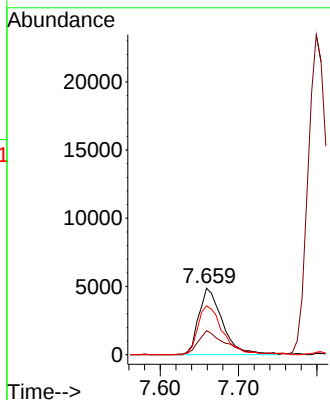
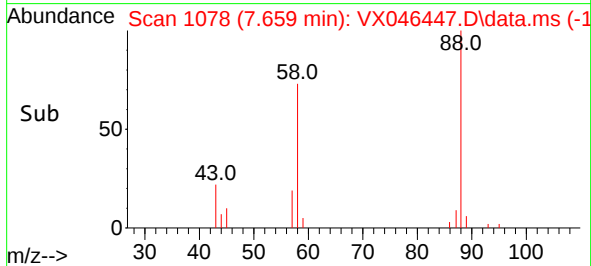
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBS01



Tgt Ion: 88 Resp: 10189
Ion Ratio Lower Upper
88 100
43 42.5 33.4 50.2
58 77.8 58.6 88.0

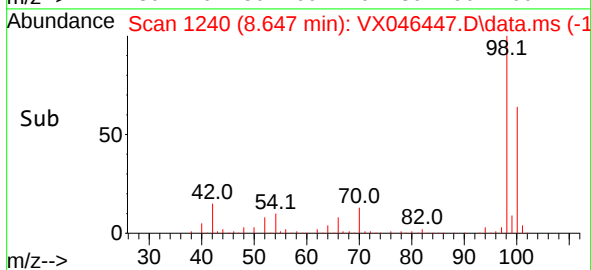
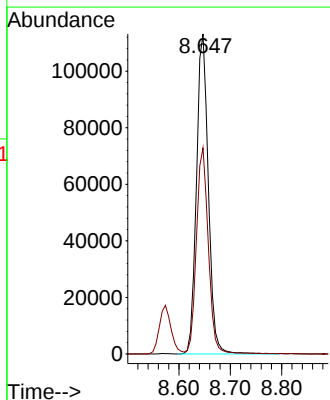
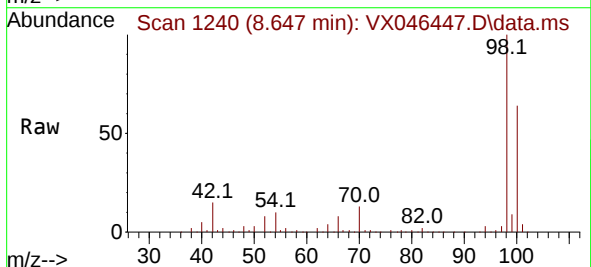
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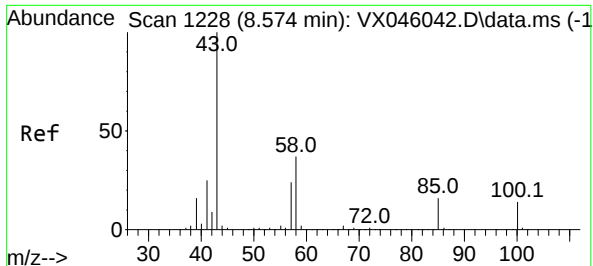
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#50
Toluene-d8
Concen: 49.011 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Tgt Ion: 98 Resp: 181732
Ion Ratio Lower Upper
98 100
100 64.4 53.5 80.3





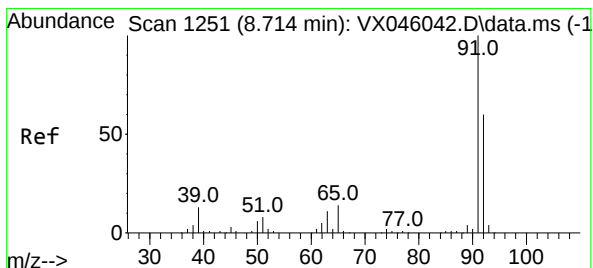
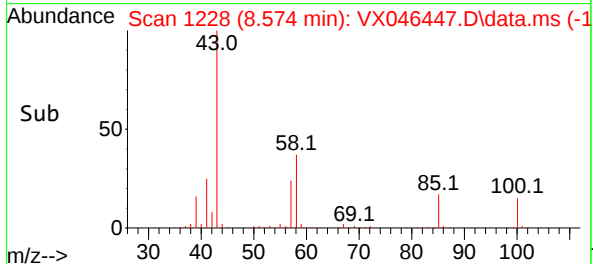
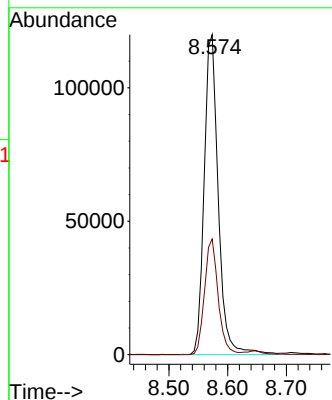
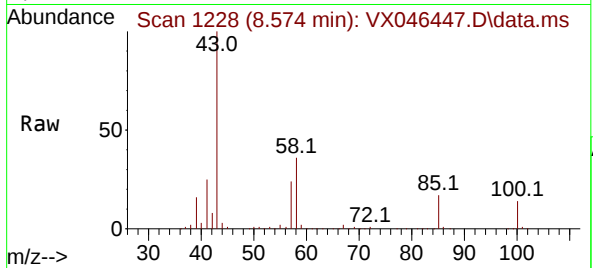
#51
4-Methyl-2-Pentanone
Concen: 110.901 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01

Tgt Ion: 43 Resp: 199720
Ion Ratio Lower Upper
43 100
58 35.1 28.9 43.3

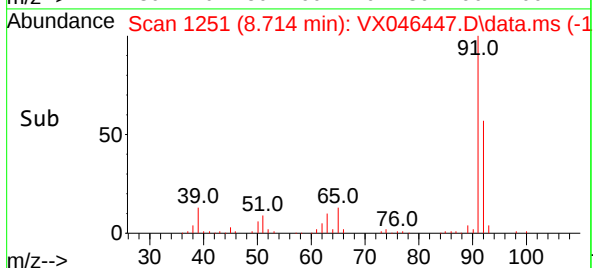
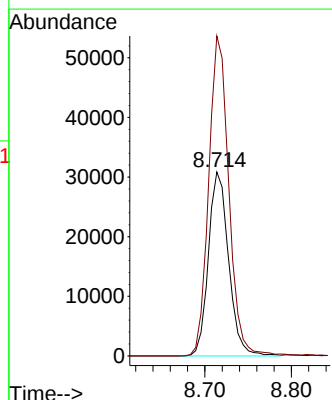
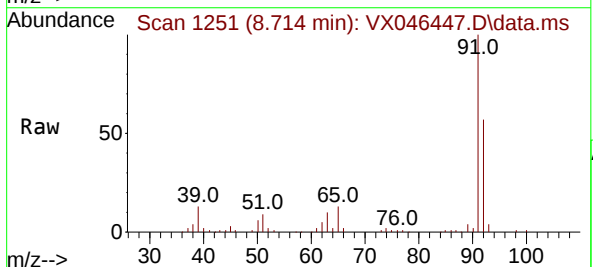
Manual Integrations
APPROVED

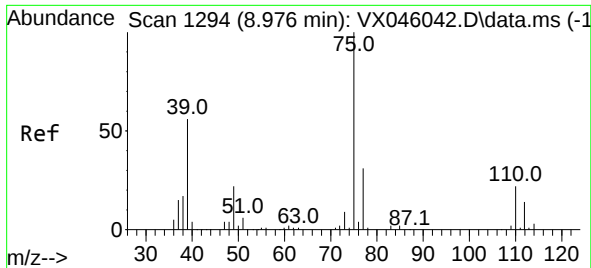
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#52
Toluene
Concen: 19.338 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Tgt Ion: 92 Resp: 49995
Ion Ratio Lower Upper
92 100
91 173.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.572 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0602MBSD01

Tgt Ion: 75 Resp: 2833

Ion Ratio Lower Upper

75 100

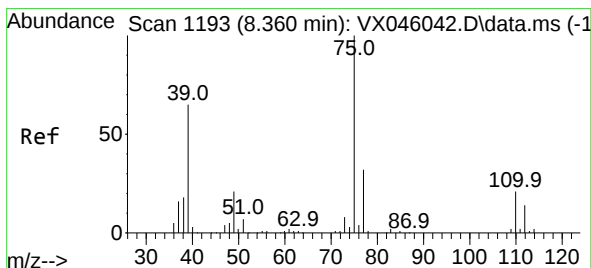
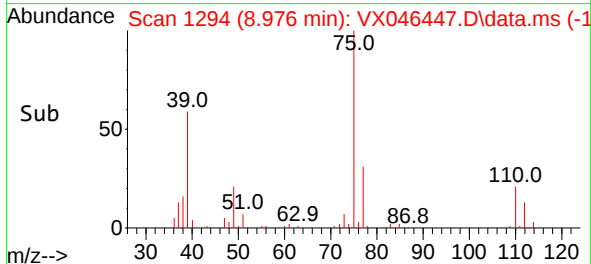
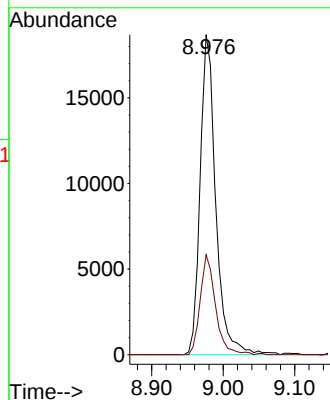
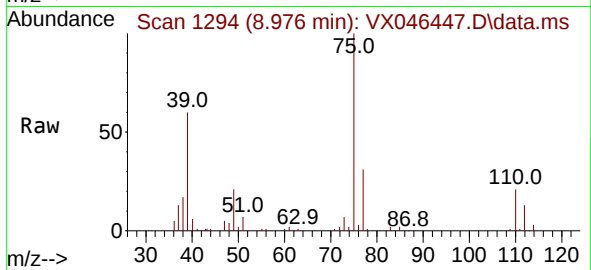
77 31.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#54

cis-1,3-Dichloropropene

Concen: 19.799 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

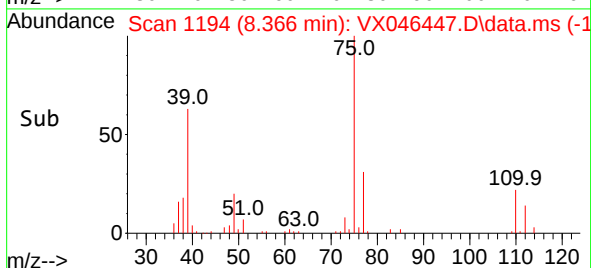
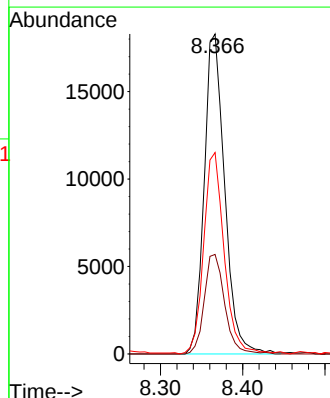
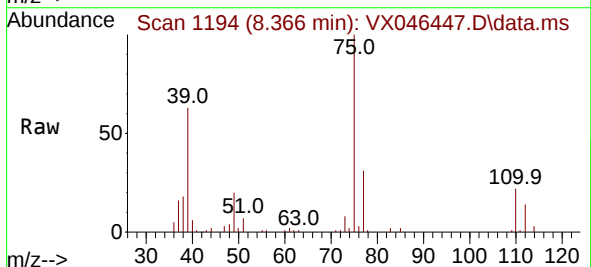
Tgt Ion: 75 Resp: 31677

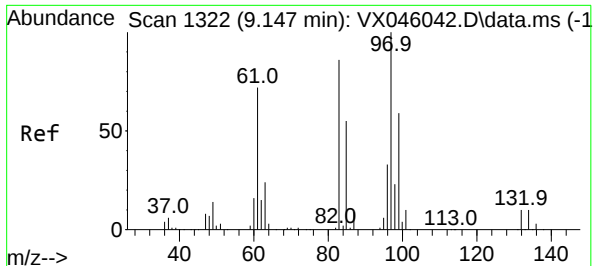
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 63.0 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 22.298 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0602MBSD01

Tgt Ion: 97 Resp: 22730

Ion Ratio Lower Upper

97 100

83 80.5 69.0 103.6

85 52.5 44.3 66.5

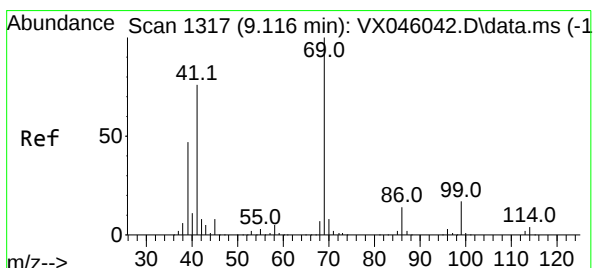
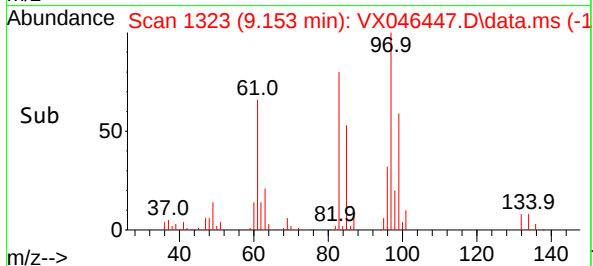
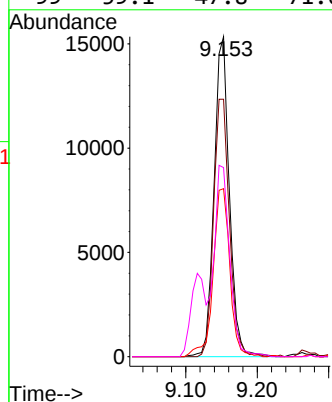
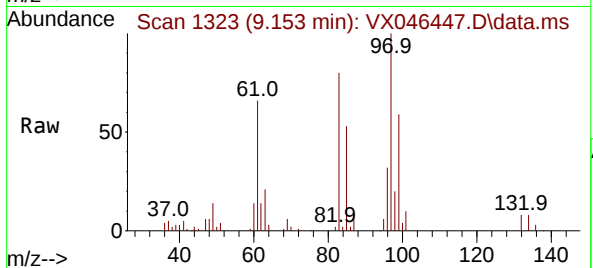
99 59.1 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#56

Ethyl methacrylate

Concen: 21.346 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

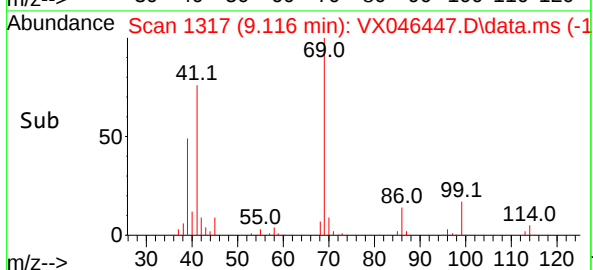
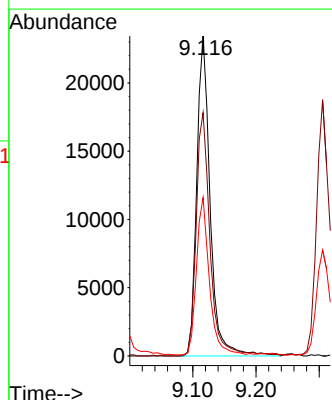
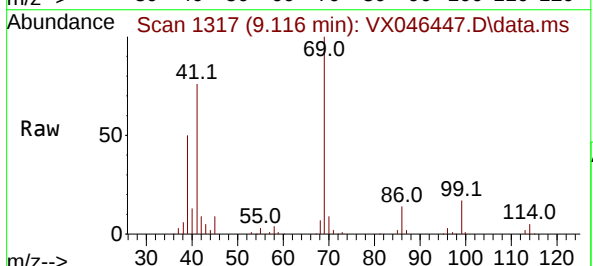
Tgt Ion: 69 Resp: 34681

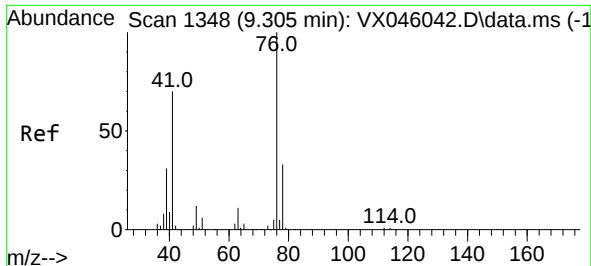
Ion Ratio Lower Upper

69 100

41 79.4 60.8 91.2

39 47.5 39.0 58.6





#57

1,3-Dichloropropane

Concen: 20.993 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0602MBSD01

Tgt Ion: 76 Resp: 3843

Ion Ratio Lower Upper

76 100

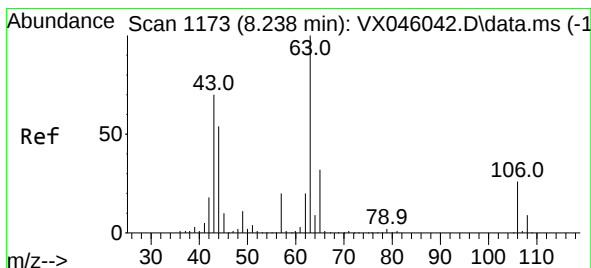
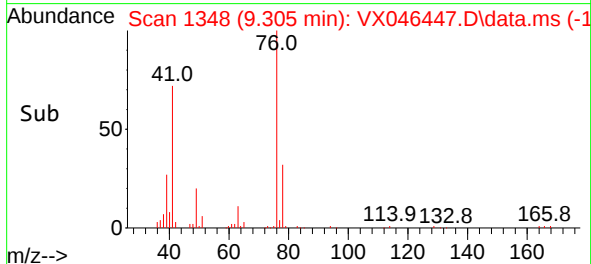
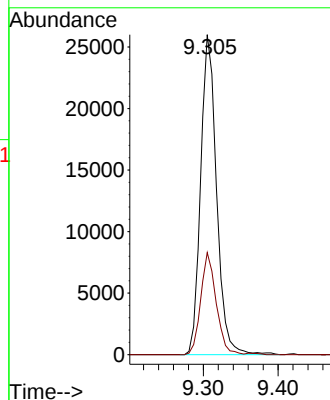
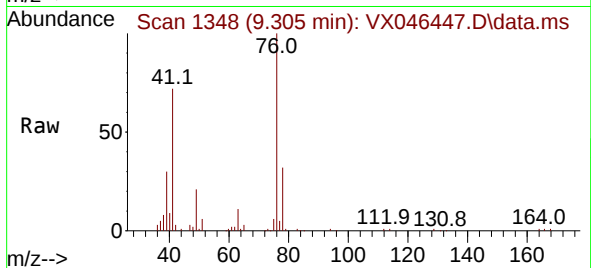
78 30.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 106.448 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046447.D

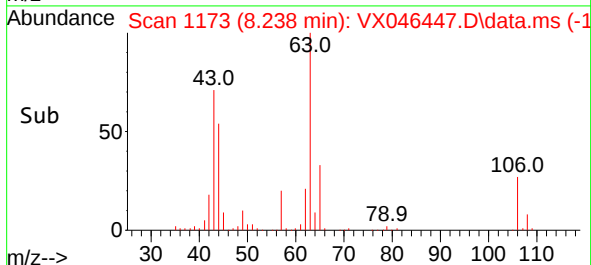
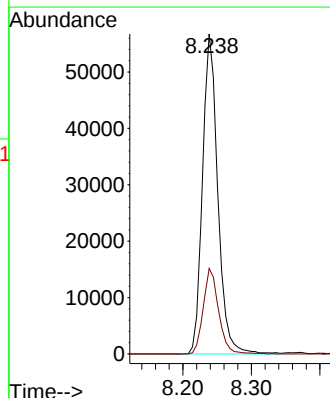
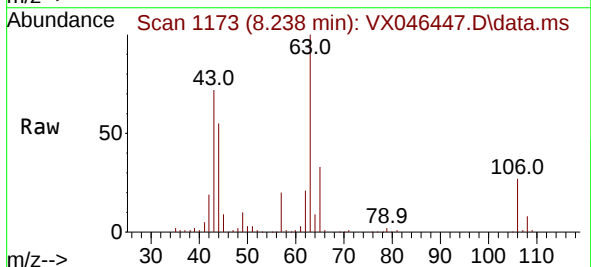
Acq: 02 Jun 2025 16:22

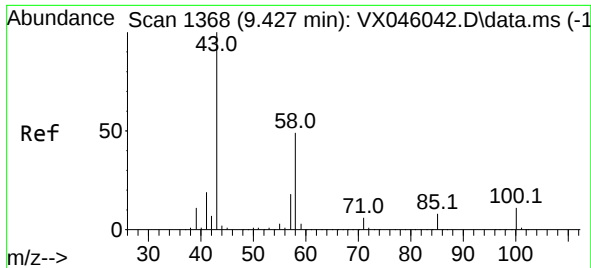
Tgt Ion: 63 Resp: 88170

Ion Ratio Lower Upper

63 100

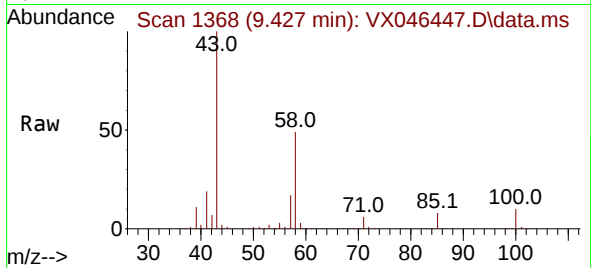
106 26.8 21.5 32.3





#59
2-Hexanone
Concen: 110.995 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

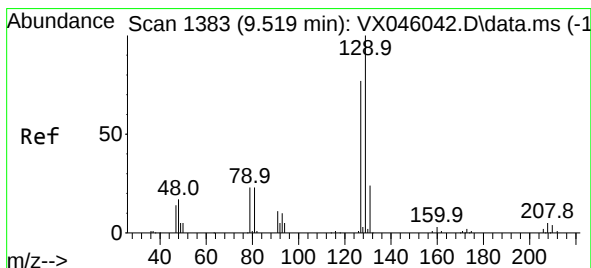
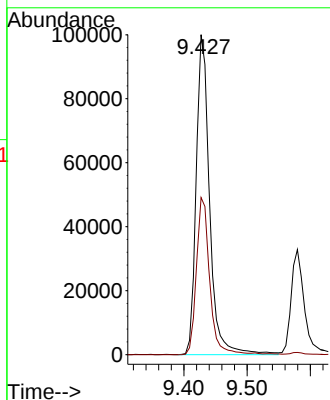
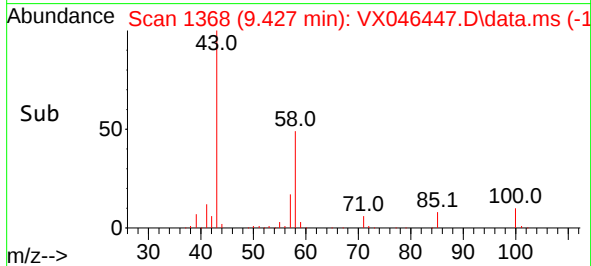
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



Tgt Ion: 43 Resp: 147880
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.6

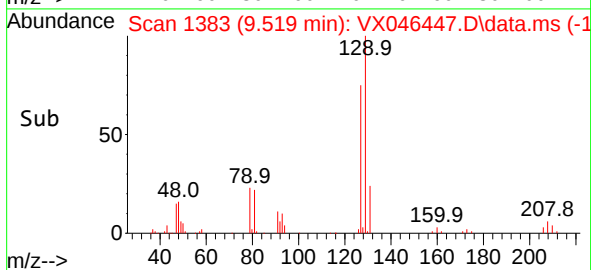
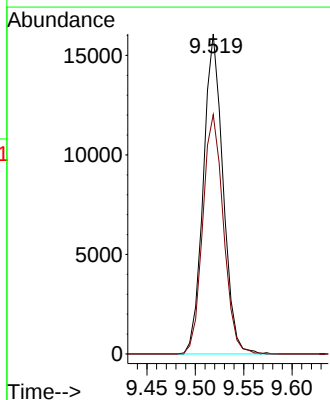
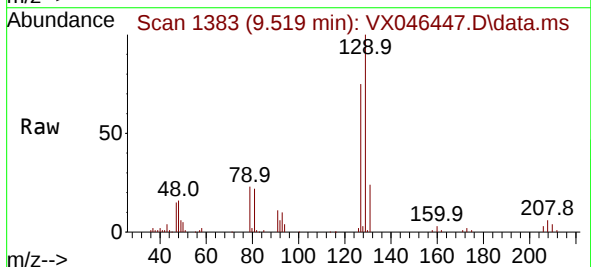
Manual Integrations
APPROVED

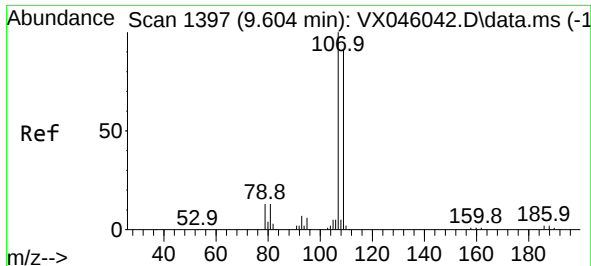
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#60
Dibromochloromethane
Concen: 20.381 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

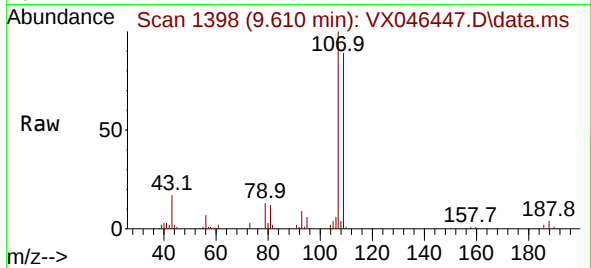
Tgt Ion:129 Resp: 22817
Ion Ratio Lower Upper
129 100
127 78.3 39.3 117.8





#61
1,2-Dibromoethane
Concen: 20.594 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

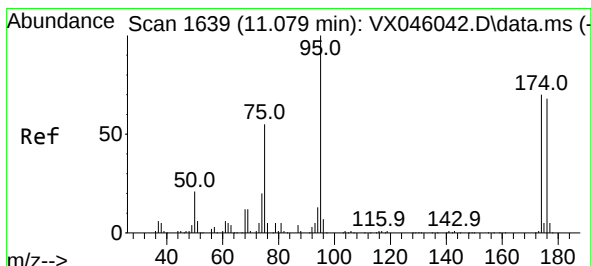
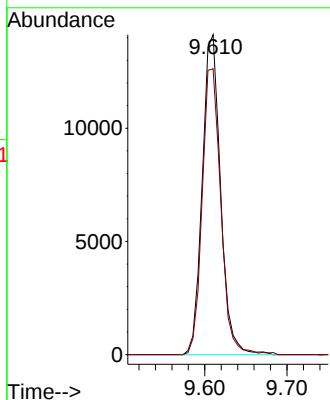
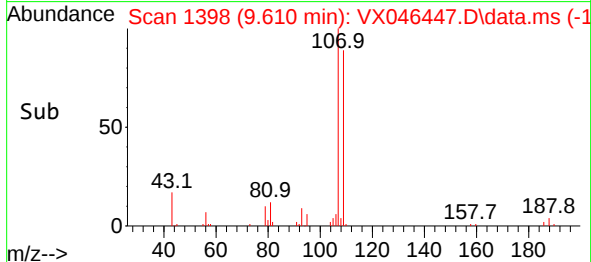
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



Tgt Ion:107 Resp: 21820
Ion Ratio Lower Upper
107 100
109 91.2 73.3 109.9

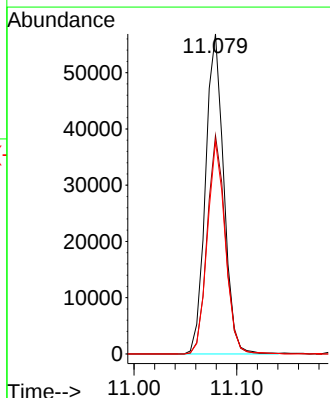
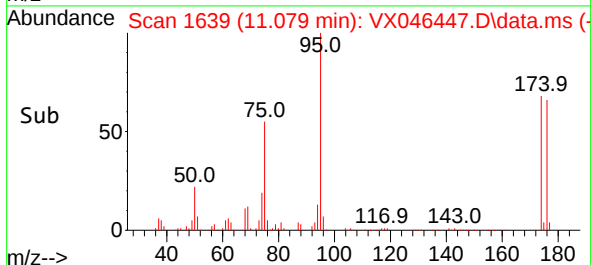
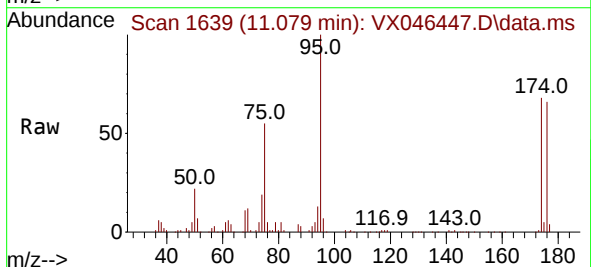
Manual Integrations
APPROVED

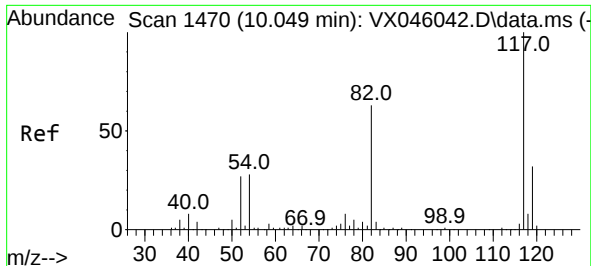
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#62
4-Bromofluorobenzene
Concen: 49.306 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

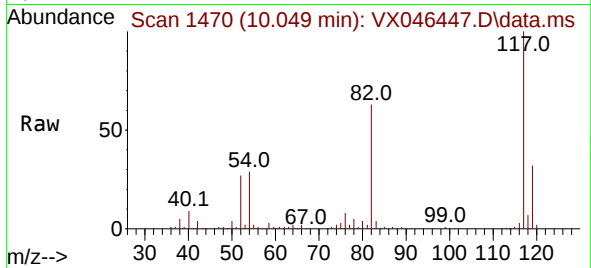
Tgt Ion: 95 Resp: 70129
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

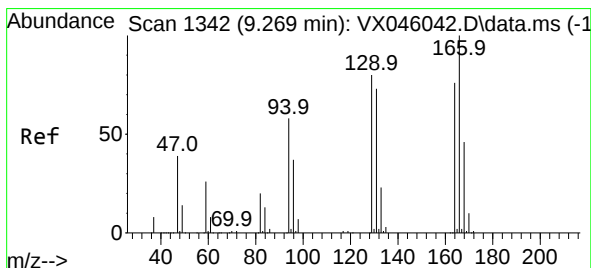
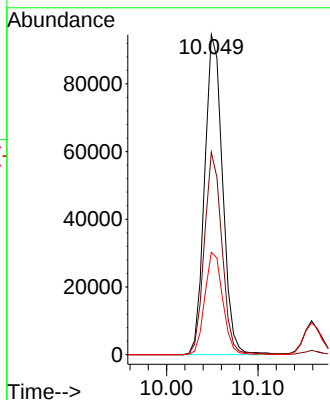
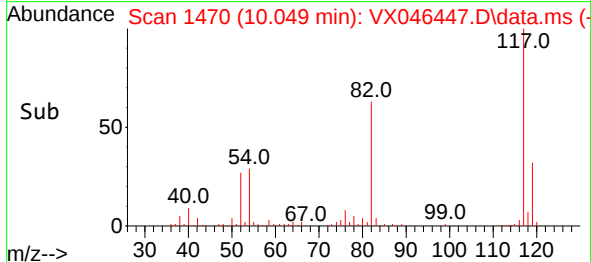
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



Tgt Ion:117 Resp: 12874
Ion Ratio Lower Upper
117 100
82 63.3 50.6 76.0
119 32.0 25.8 38.6

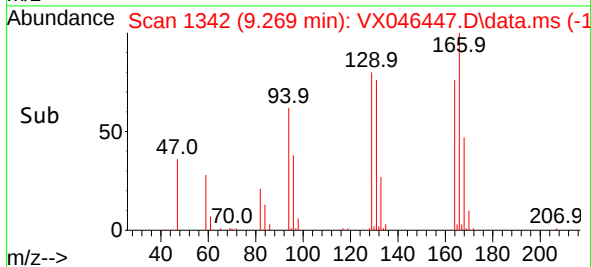
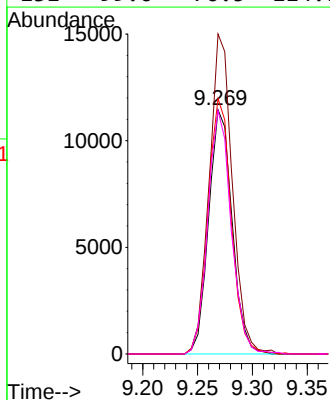
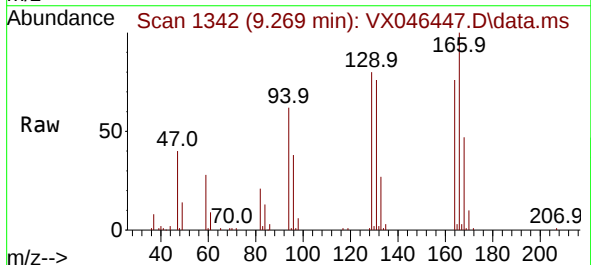
Manual Integrations
APPROVED

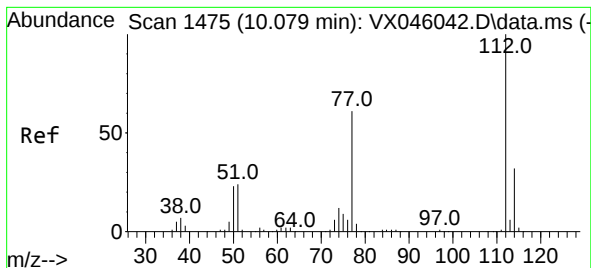
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#64
Tetrachloroethene
Concen: 18.649 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Tgt Ion:164 Resp: 16988
Ion Ratio Lower Upper
164 100
166 131.1 105.0 157.6
129 104.6 83.5 125.3
131 99.6 76.5 114.7





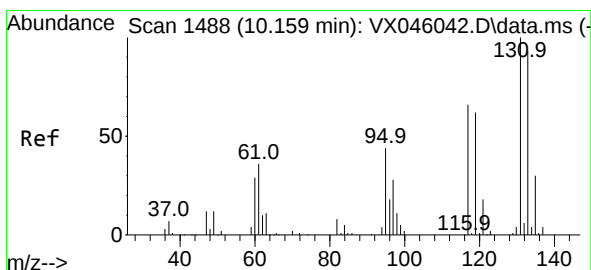
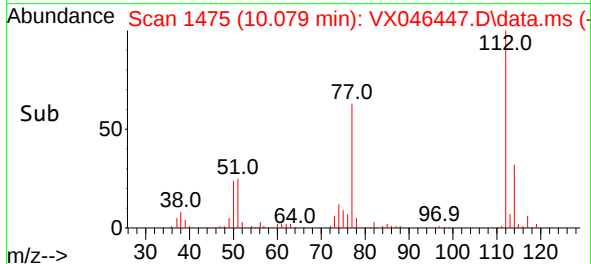
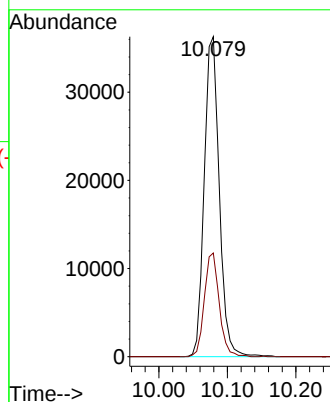
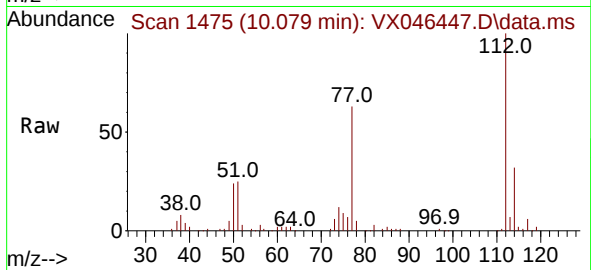
#65
Chlorobenzene
Concen: 19.697 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01

Tgt Ion:112 Resp: 5550
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

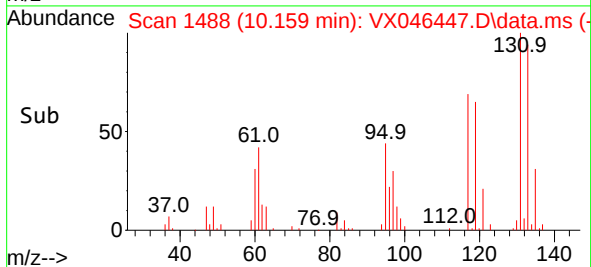
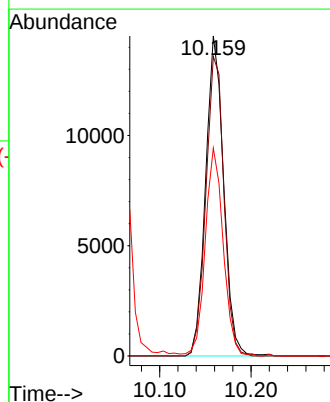
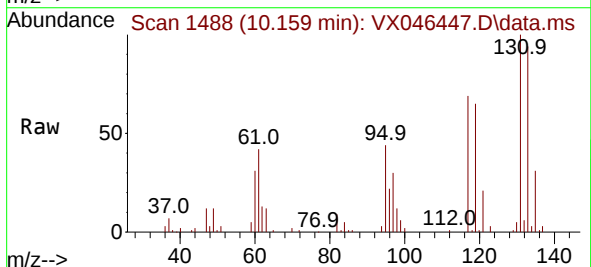
Manual Integrations
APPROVED

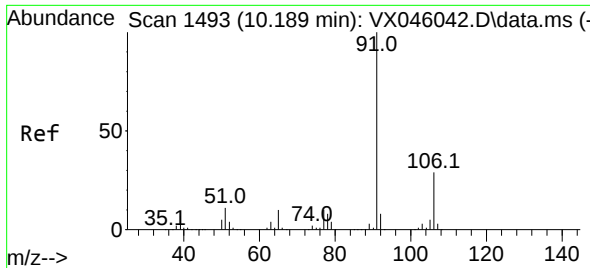
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.625 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

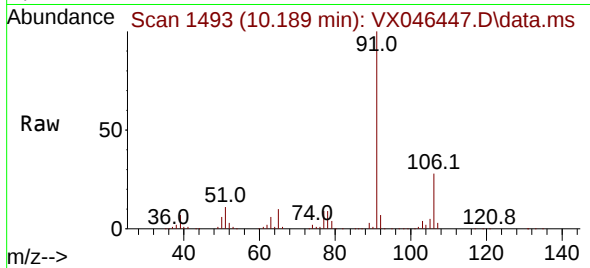
Tgt Ion:131 Resp: 19846
Ion Ratio Lower Upper
131 100
133 93.4 47.3 141.9
119 64.8 31.6 95.0





#67
Ethyl Benzene
Concen: 20.113 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

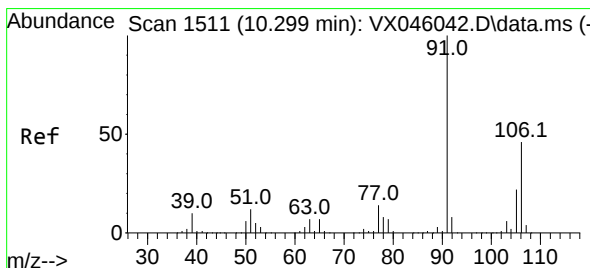
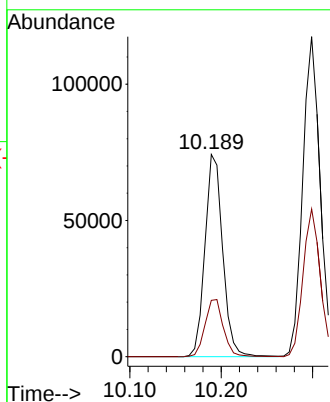
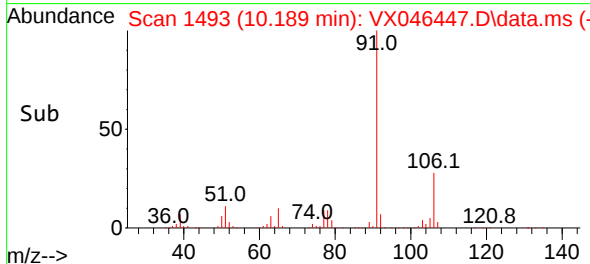
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



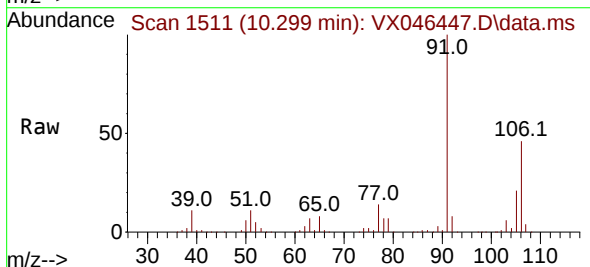
Tgt Ion: 91 Resp: 99900
Ion Ratio Lower Upper
91 100
106 27.8 23.4 35.2

Manual Integrations
APPROVED

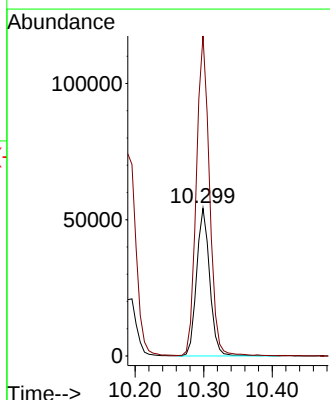
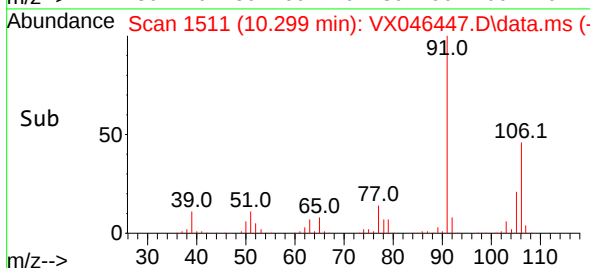
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

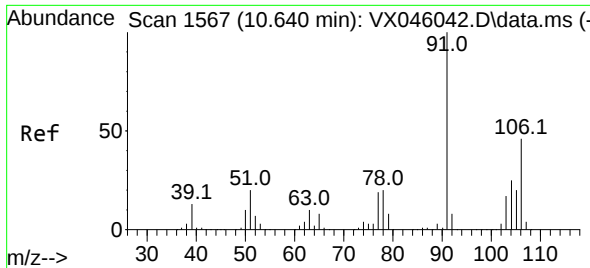


#68
m/p-Xylenes
Concen: 39.795 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22



Tgt Ion:106 Resp: 72295
Ion Ratio Lower Upper
106 100
91 216.7 171.2 256.8





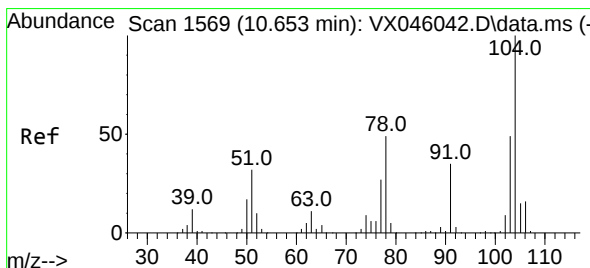
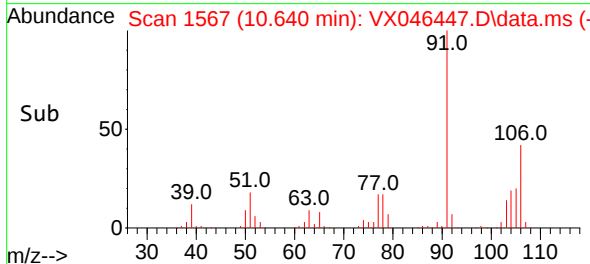
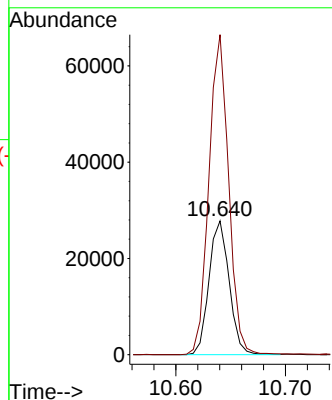
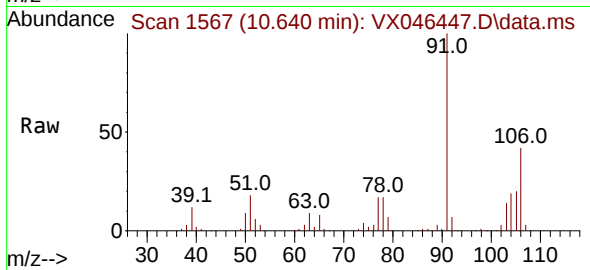
#69
o-Xylene
Concen: 20.118 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01

Tgt Ion:106 Resp: 3563
Ion Ratio Lower Upper
106 100
91 234.2 112.7 338.1

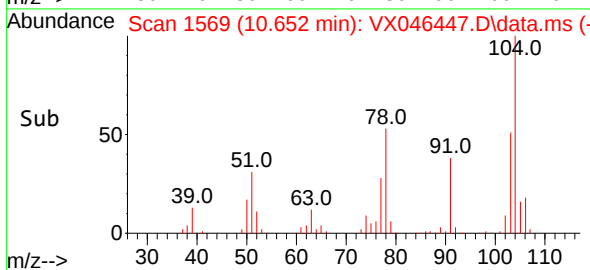
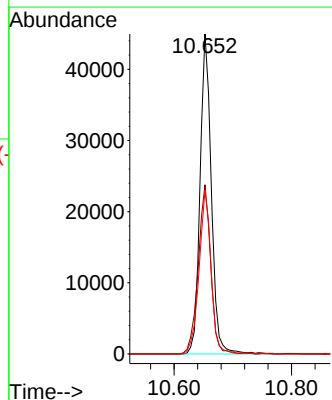
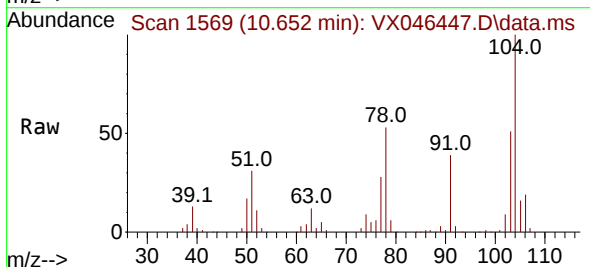
Manual Integrations
APPROVED

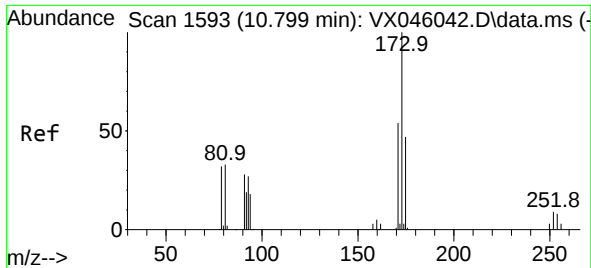
Reviewed By :John Carbone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#70
Styrene
Concen: 20.725 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

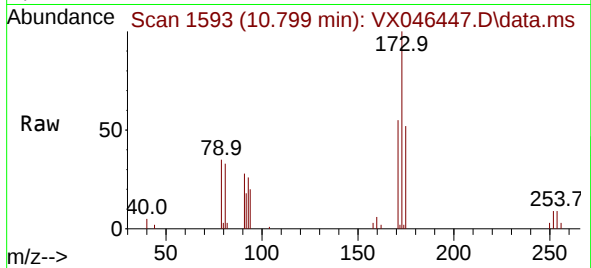
Tgt Ion:104 Resp: 60129
Ion Ratio Lower Upper
104 100
78 58.6 45.7 68.5
103 54.6 43.7 65.5





#71
Bromoform
Concen: 19.141 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

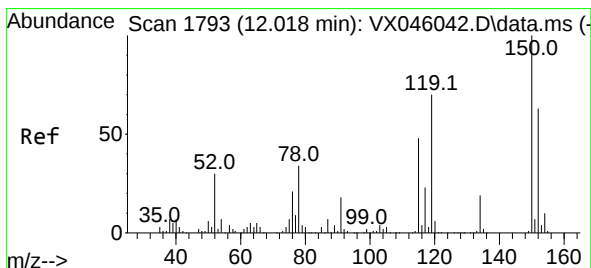
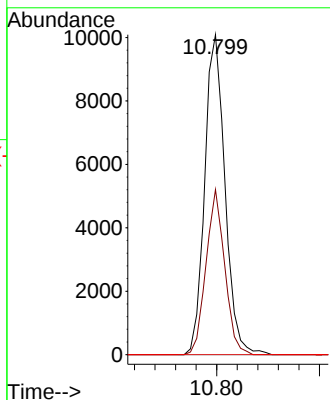
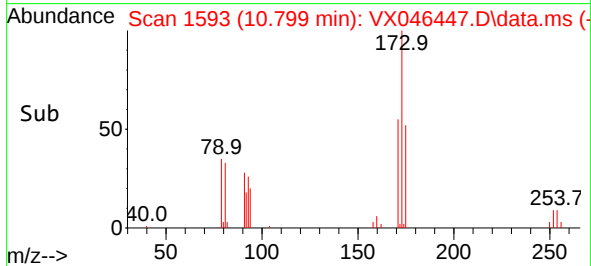
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



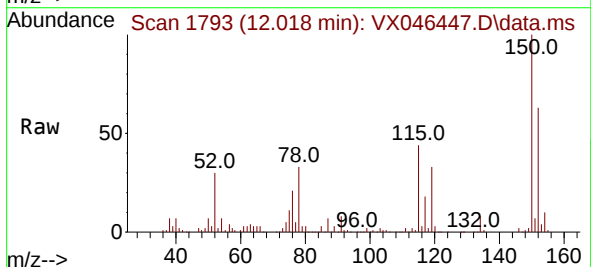
Tgt Ion:173 Resp: 13828
Ion Ratio Lower Upper
173 100
175 47.6 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

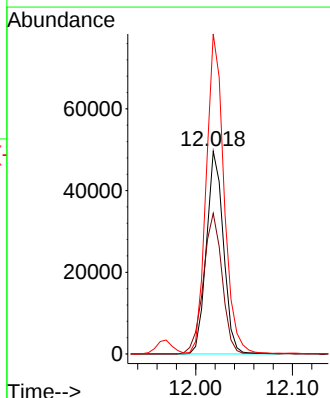
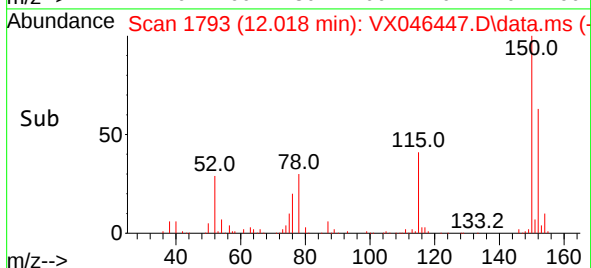
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

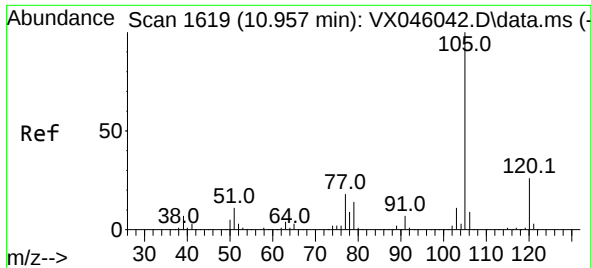


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22



Tgt Ion:152 Resp: 60549
Ion Ratio Lower Upper
152 100
115 76.9 46.9 140.7
150 164.8 0.0 351.0





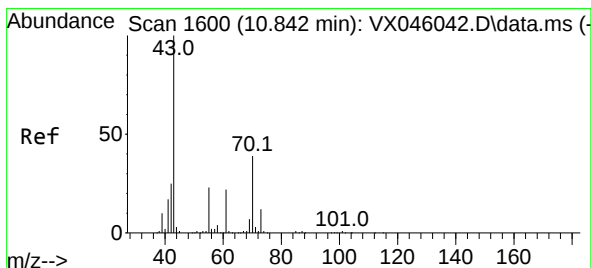
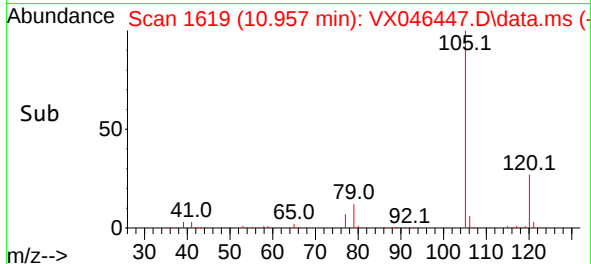
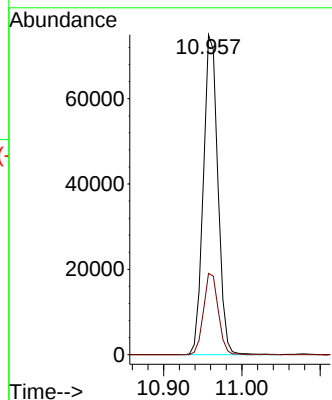
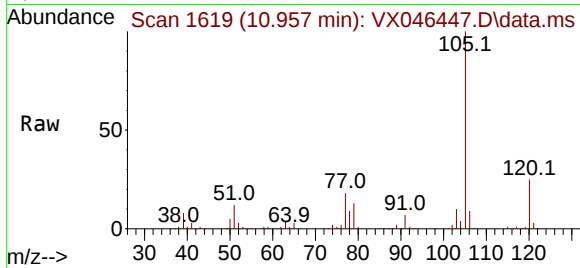
#73
Isopropylbenzene
Concen: 20.499 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01

Tgt Ion:105 Resp: 9663
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

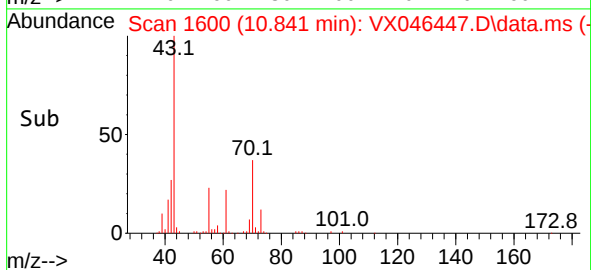
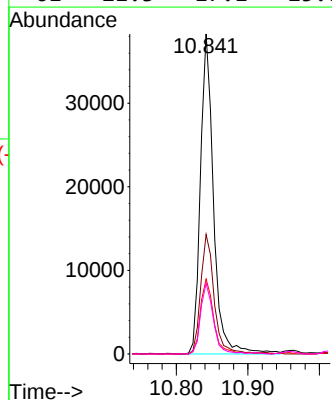
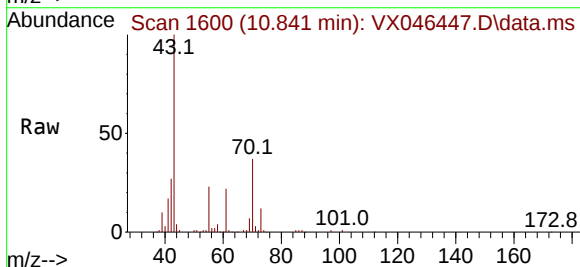
Manual Integrations
APPROVED

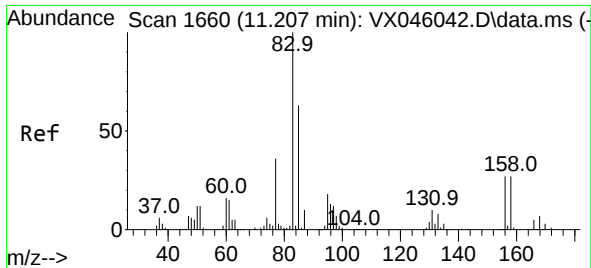
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#74
N-ethyl acetate
Concen: 20.945 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

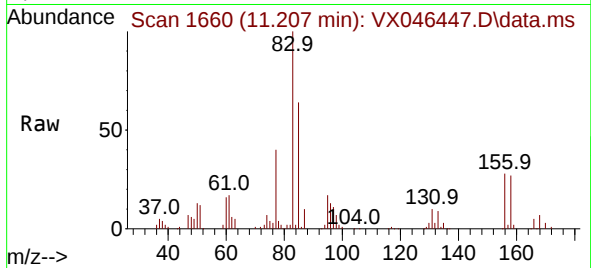
Tgt Ion: 43 Resp: 48789
Ion Ratio Lower Upper
43 100
70 38.1 30.9 46.3
55 23.9 18.7 28.1
61 21.3 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.727 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

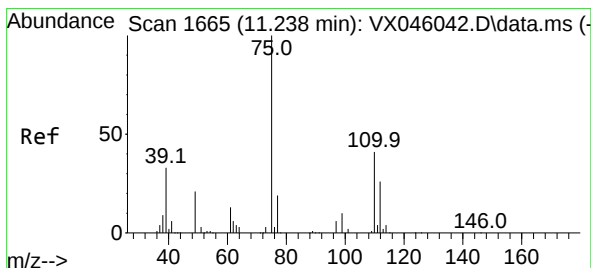
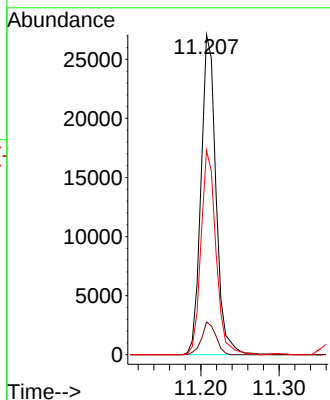
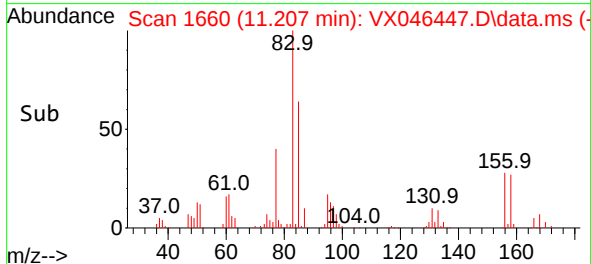
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



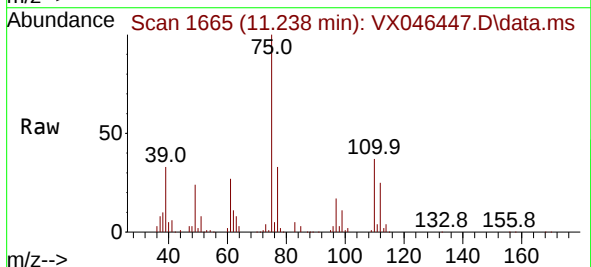
Tgt Ion: 83 Resp: 3589
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.0 31.9 95.7

Manual Integrations
APPROVED

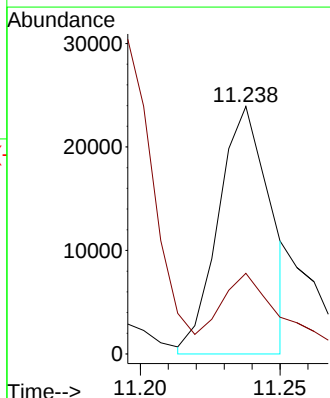
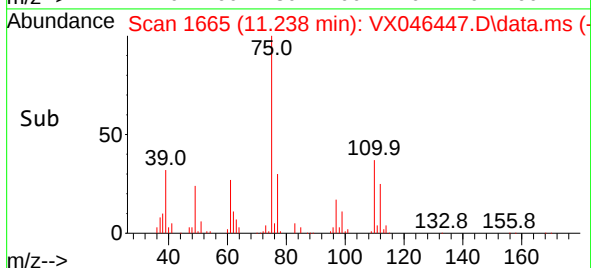
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

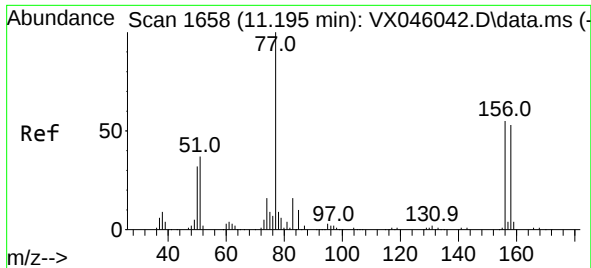


#76
1,2,3-Trichloropropane
Concen: 21.097 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22



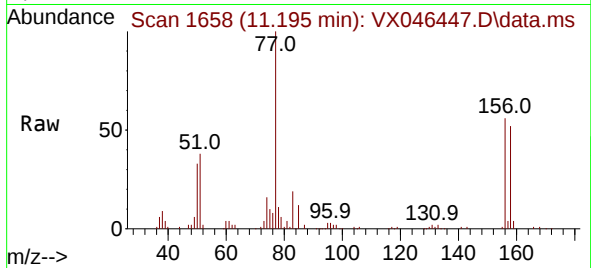
Tgt Ion: 75 Resp: 30747
Ion Ratio Lower Upper
75 100
77 39.5 20.5 61.5





#77
Bromobenzene
Concen: 20.364 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

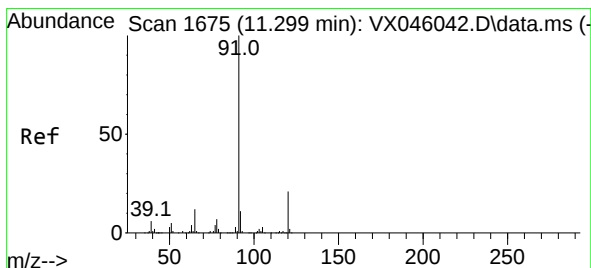
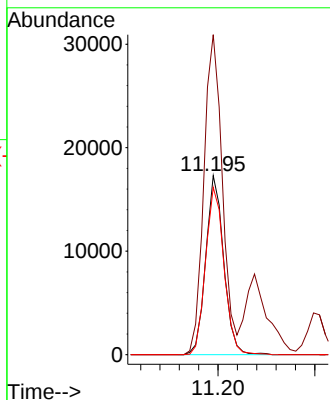
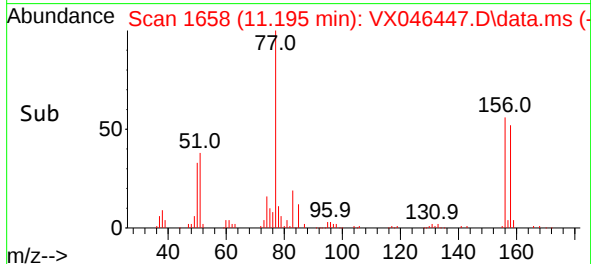
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBS01



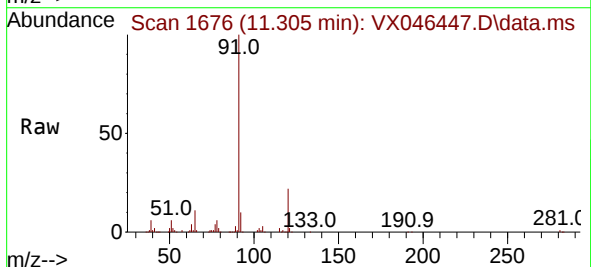
Tgt Ion:156 Resp: 22280
Ion Ratio Lower Upper
156 100
77 184.4 92.8 278.3
158 96.3 48.8 146.3

Manual Integrations
APPROVED

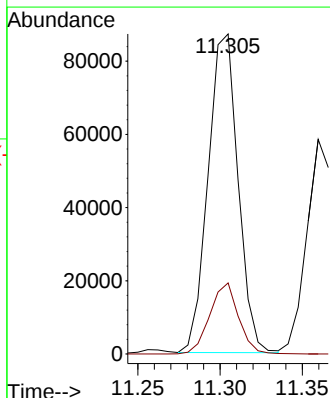
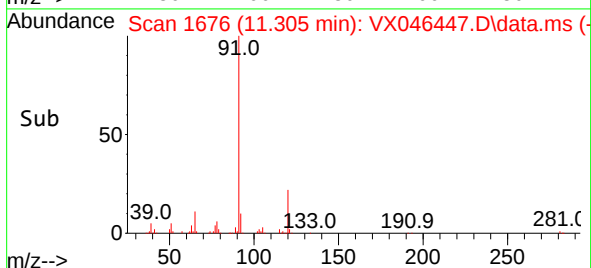
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

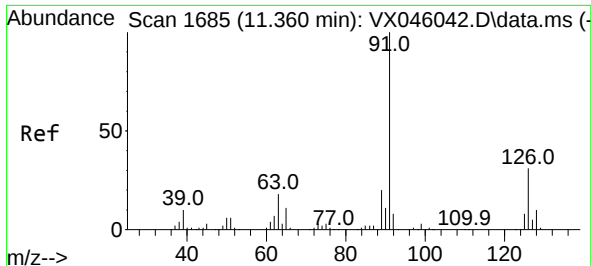


#78
n-propylbenzene
Concen: 20.156 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22



Tgt Ion: 91 Resp: 110475
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.4





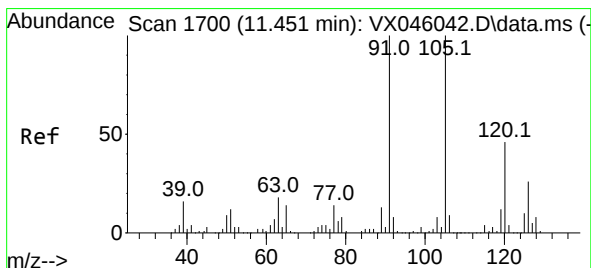
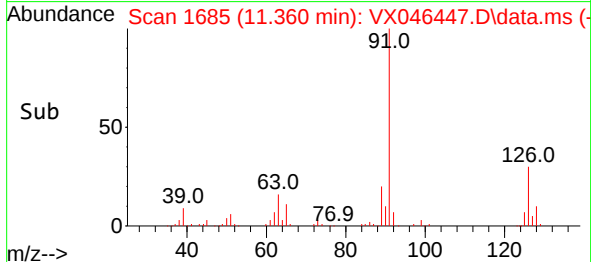
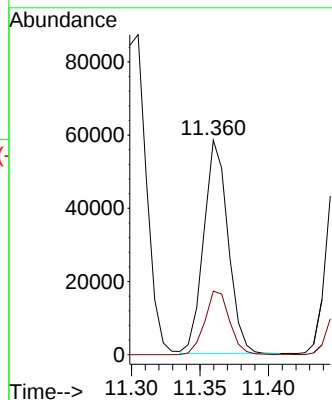
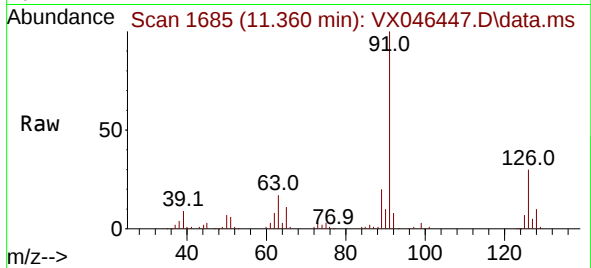
#79
2-Chlorotoluene
Concen: 20.440 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01

Tgt Ion: 91 Resp: 7226
Ion Ratio Lower Upper
91 100
126 30.5 15.6 46.7

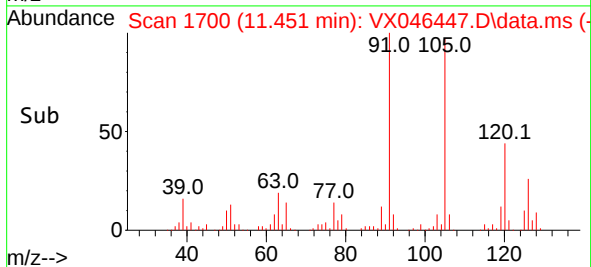
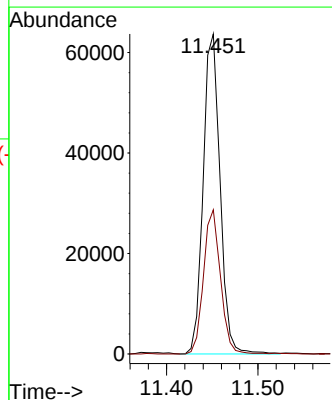
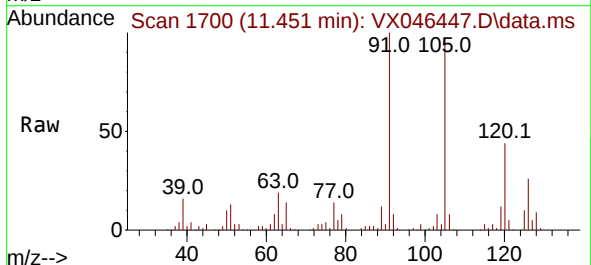
Manual Integrations
APPROVED

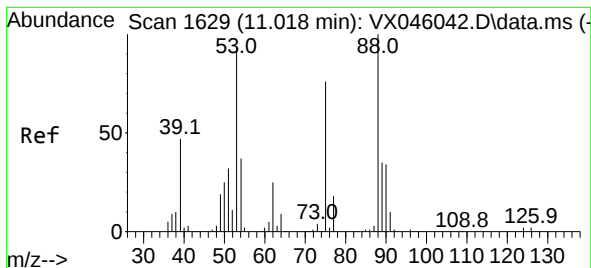
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.718 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

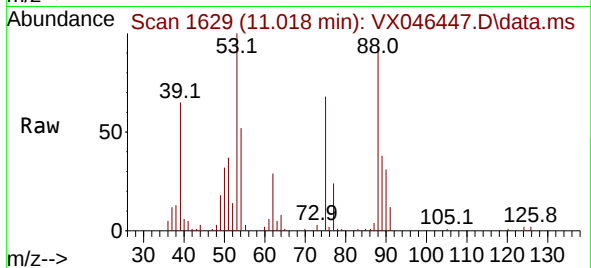
Tgt Ion:105 Resp: 81590
Ion Ratio Lower Upper
105 100
120 45.2 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 17.694 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

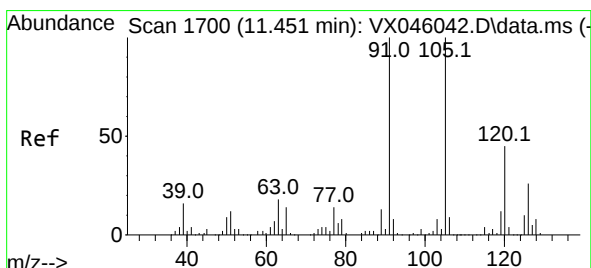
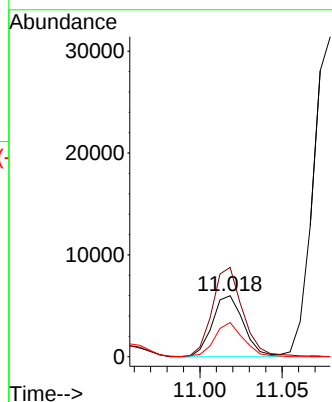
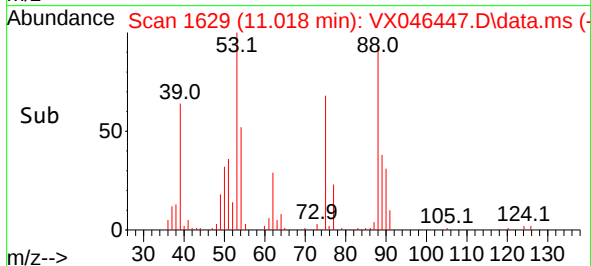
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



Tgt Ion: 75 Resp: 792
Ion Ratio Lower Upper
75 100
53 143.2 100.5 150.7
89 51.5 37.0 55.6

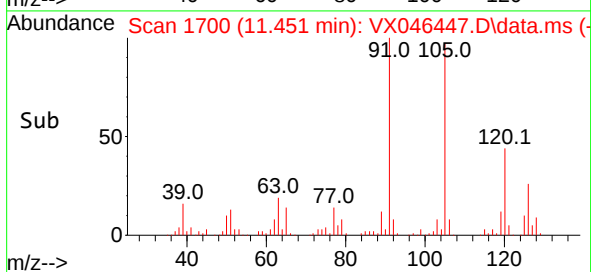
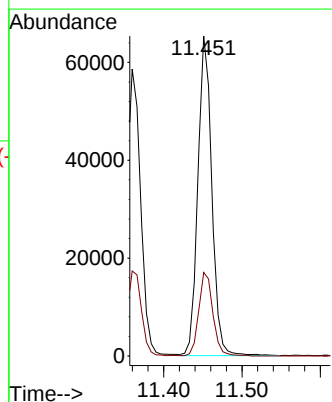
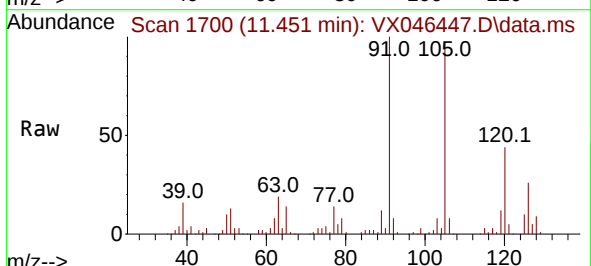
Manual Integrations
APPROVED

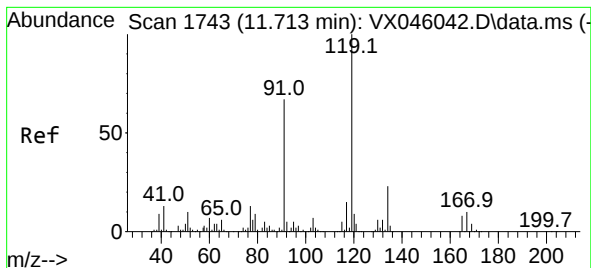
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#82
4-Chlorotoluene
Concen: 20.649 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

Tgt Ion: 91 Resp: 80957
Ion Ratio Lower Upper
91 100
126 26.5 13.3 39.8





#83

tert-Butylbenzene

Concen: 20.278 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX046447.D

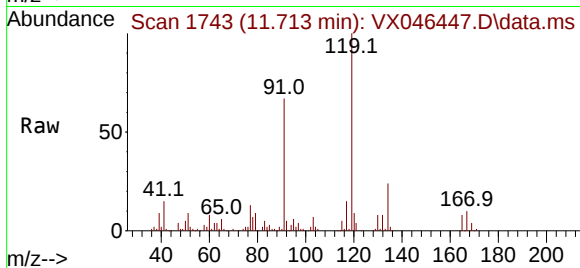
Acq: 02 Jun 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0602MBS01



Tgt Ion:119 Resp: 80438

Ion Ratio Lower Upper

119 100

91 66.2 32.9 98.7

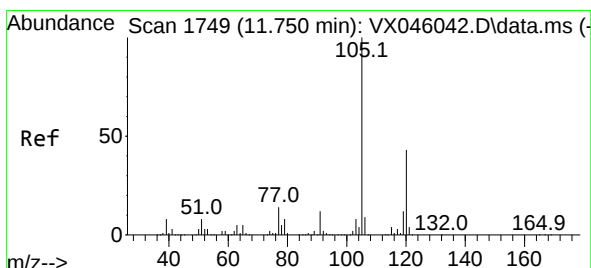
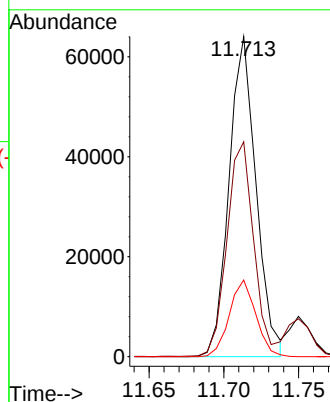
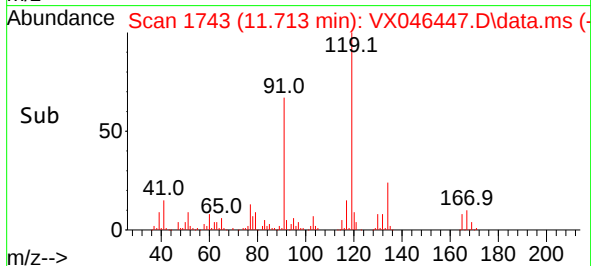
134 23.5 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.588 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046447.D

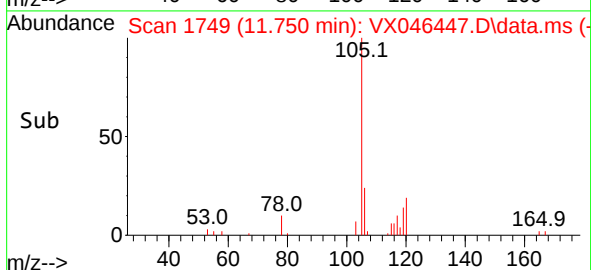
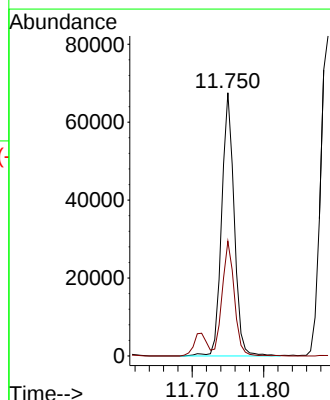
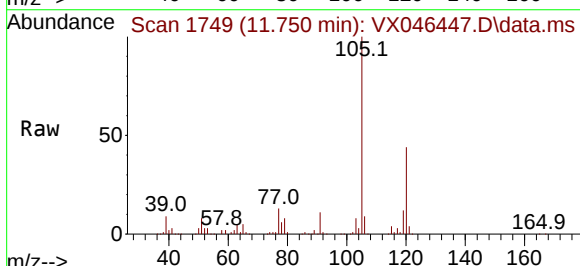
Acq: 02 Jun 2025 16:22

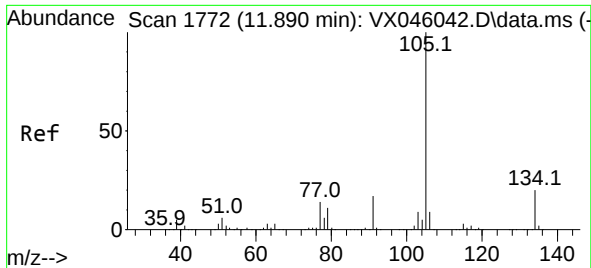
Tgt Ion:105 Resp: 82106

Ion Ratio Lower Upper

105 100

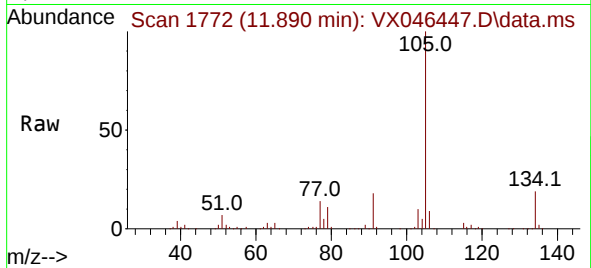
120 42.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.624 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046447.D
 Acq: 02 Jun 2025 16:22

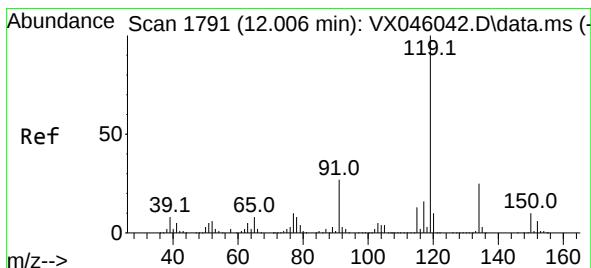
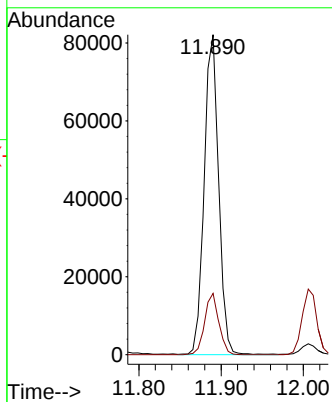
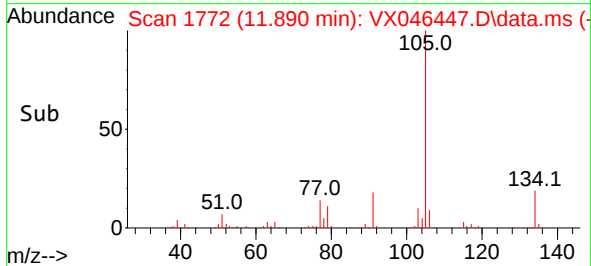
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602MBSD01



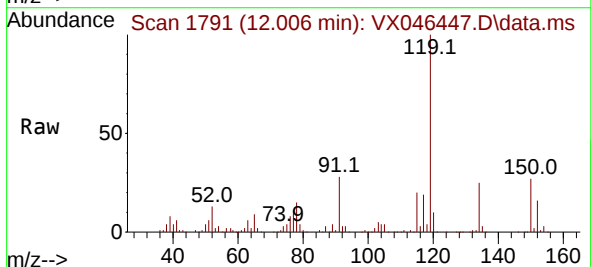
Tgt Ion:105 Resp: 100452
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.7 29.1

Manual Integrations
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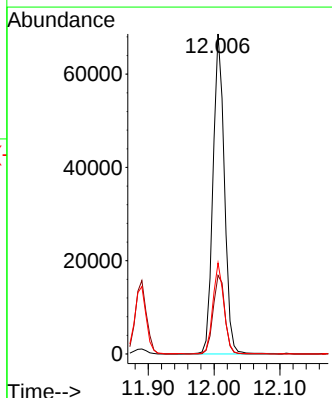
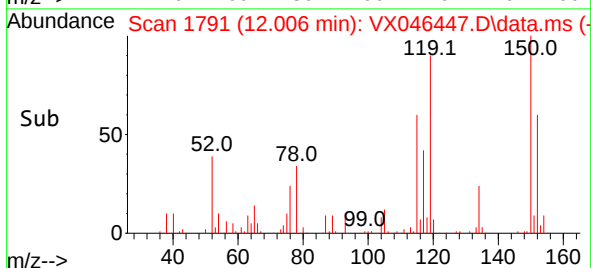
Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025

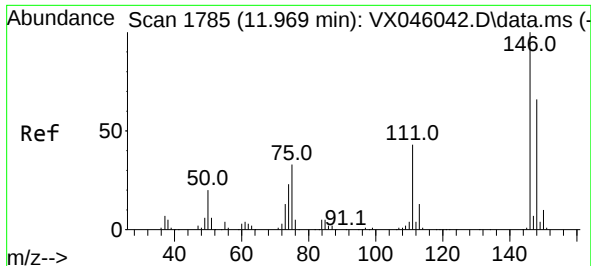


#86
 p-Isopropyltoluene
 Concen: 20.563 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046447.D
 Acq: 02 Jun 2025 16:22



Tgt Ion:119 Resp: 82669
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 27.6 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 20.248 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0602MBS01

Tgt Ion:146 Resp: 4044

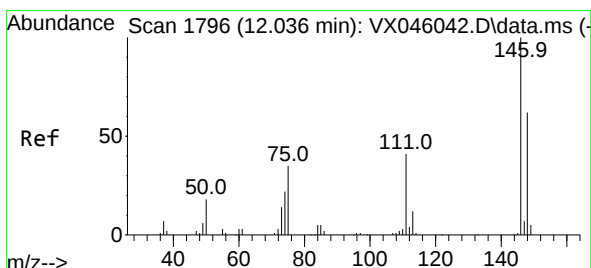
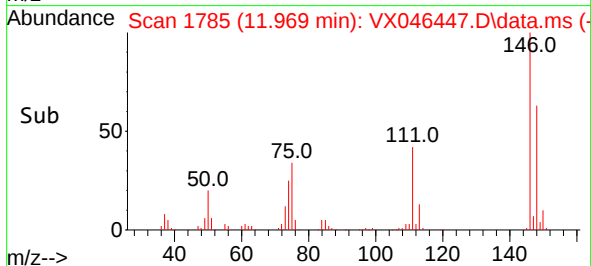
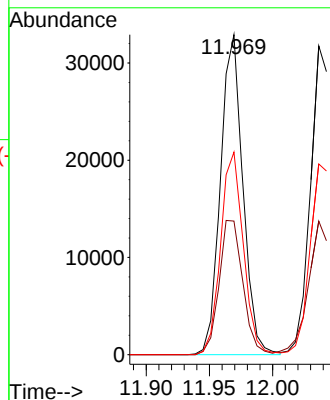
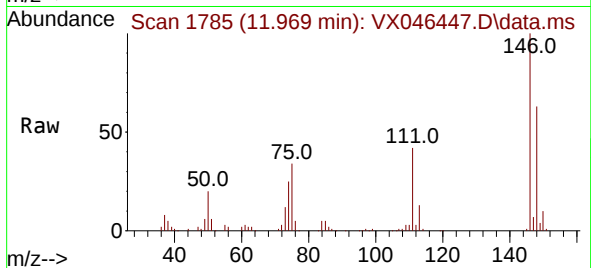
Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.1	66.3
148	64.2	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#88

1,4-Dichlorobenzene

Concen: 19.953 ug/l

RT: 12.036 min Scan# 1796

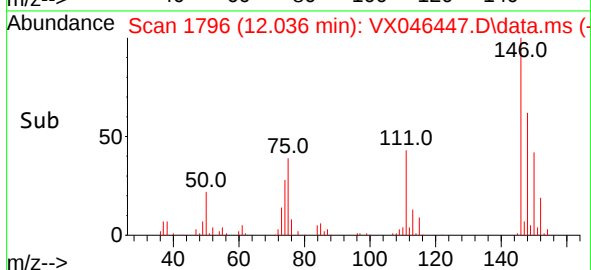
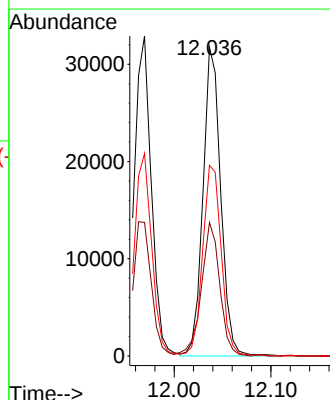
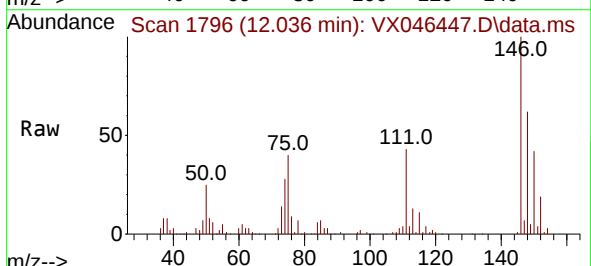
Delta R.T. -0.000 min

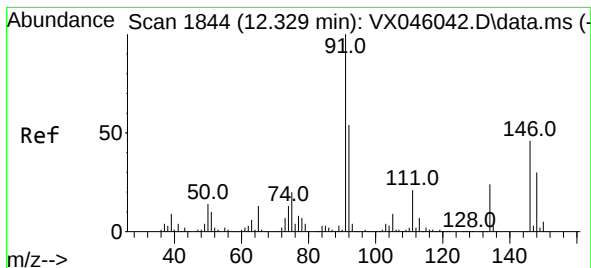
Lab File: VX046447.D

Acq: 02 Jun 2025 16:22

Tgt Ion:146 Resp: 40700

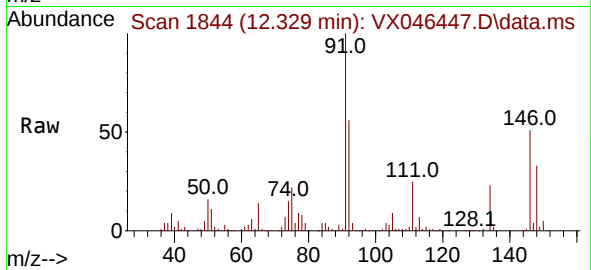
Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.3	63.9
148	64.4	31.9	95.5





#89
n-Butylbenzene
Concen: 19.860 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

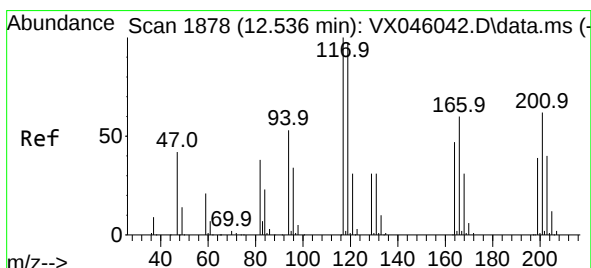
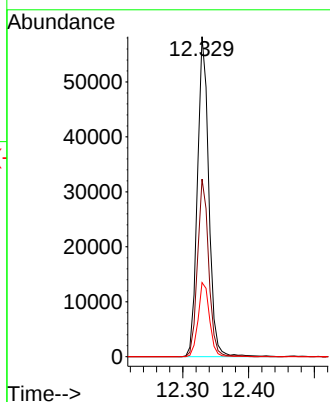
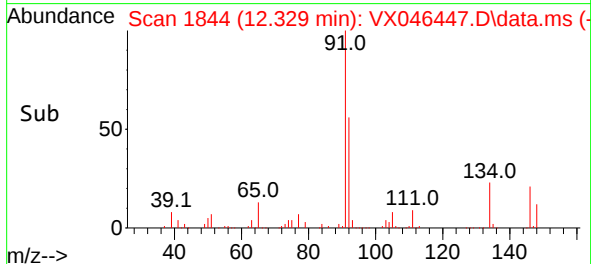
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



Tgt Ion: 91 Resp: 70030
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.7
134 23.2 11.8 35.3

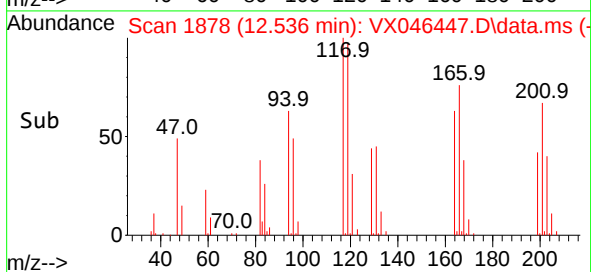
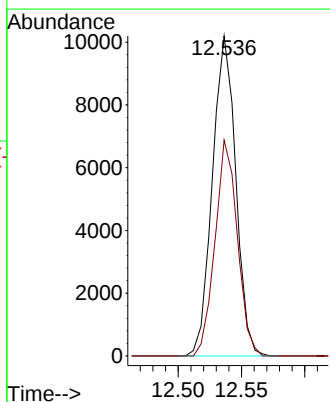
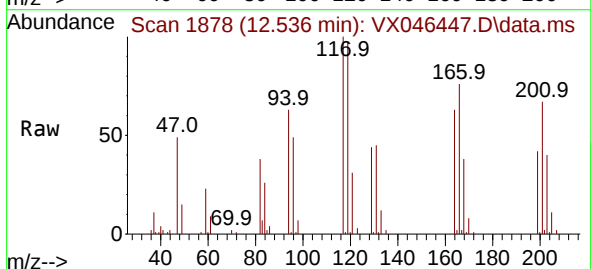
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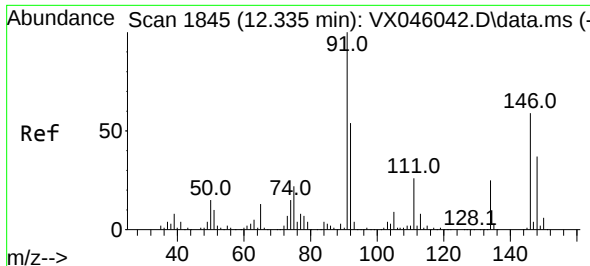
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#90
Hexachloroethane
Concen: 18.453 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

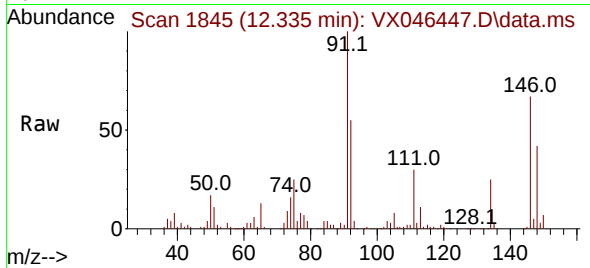
Tgt Ion:117 Resp: 13070
Ion Ratio Lower Upper
117 100
201 64.4 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 21.329 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

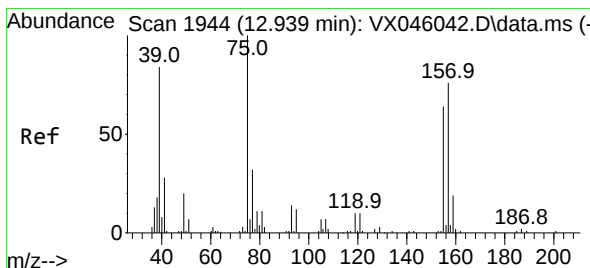
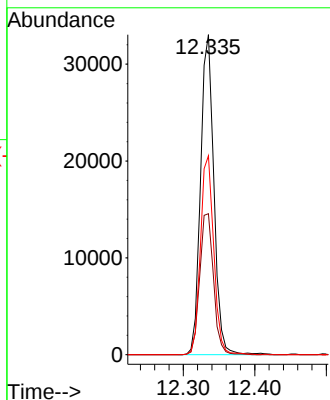
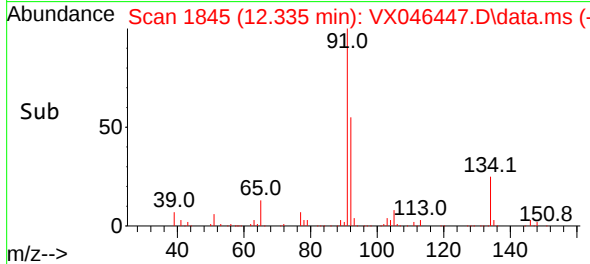
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBS01



Tgt Ion:146 Resp: 42750
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.3
148 62.1 31.6 94.8

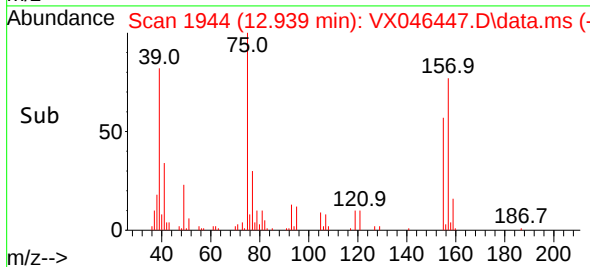
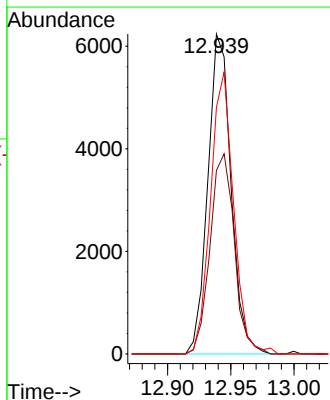
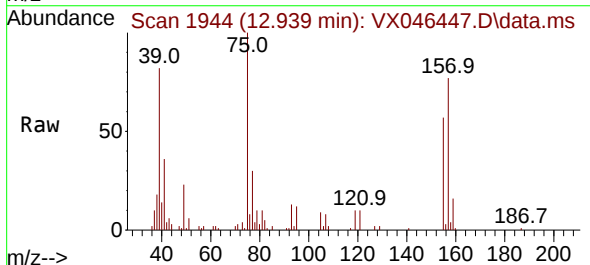
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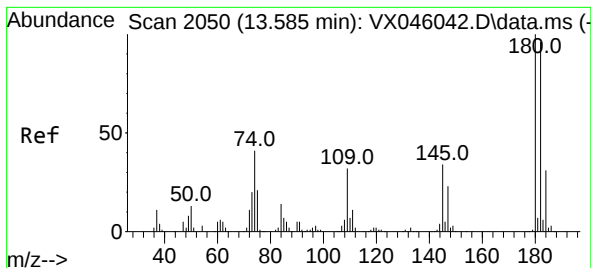
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.738 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

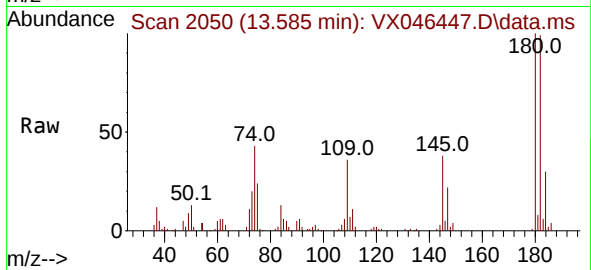
Tgt Ion: 75 Resp: 7955
Ion Ratio Lower Upper
75 100
155 65.6 34.9 104.8
157 87.4 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 20.107 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

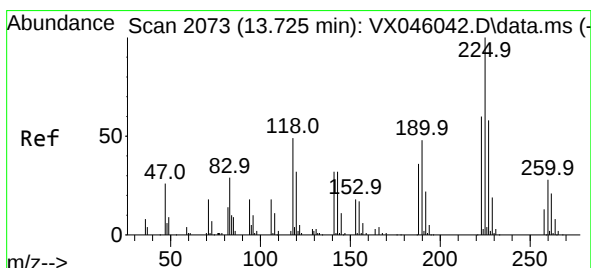
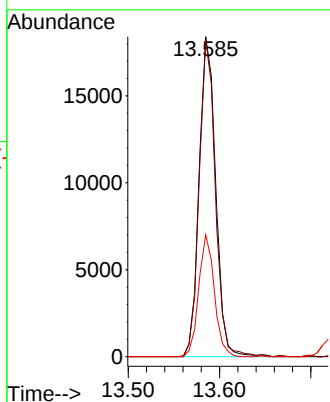
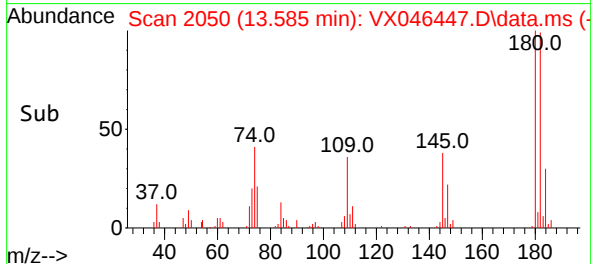
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



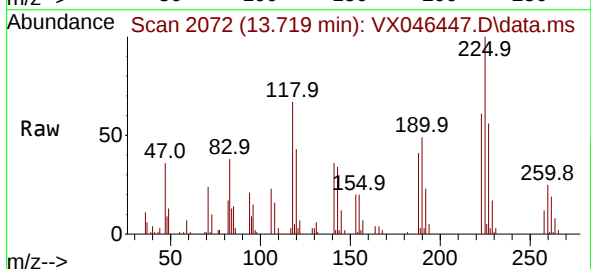
Tgt Ion:180 Resp: 2314
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.8
145 35.9 17.1 51.2

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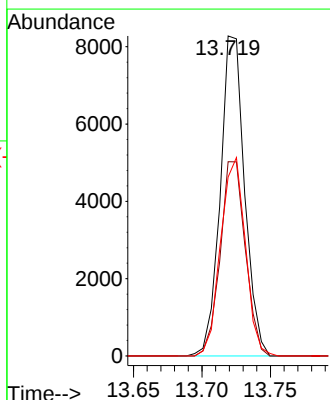
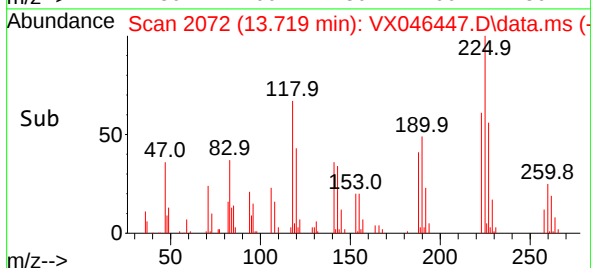
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

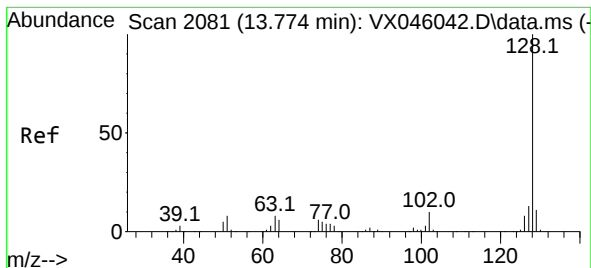


#94
Hexachlorobutadiene
Concen: 20.347 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22



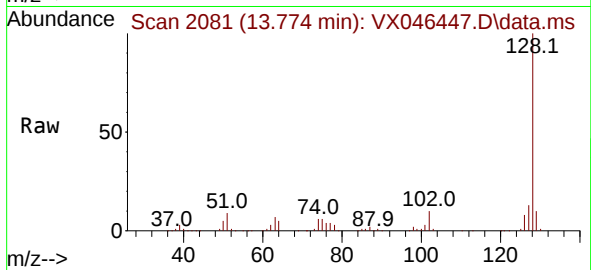
Tgt Ion:225 Resp: 10230
Ion Ratio Lower Upper
225 100
223 62.8 30.8 92.4
227 62.9 30.9 92.7





#95
Naphthalene
Concen: 21.252 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22

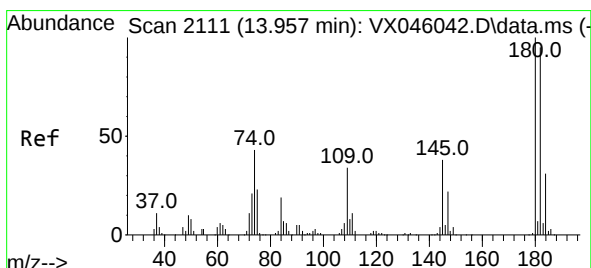
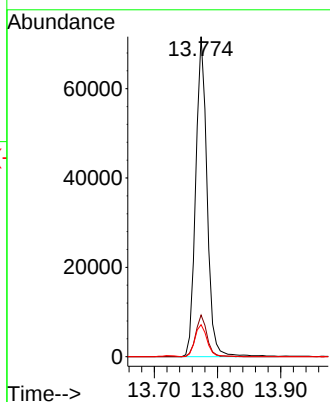
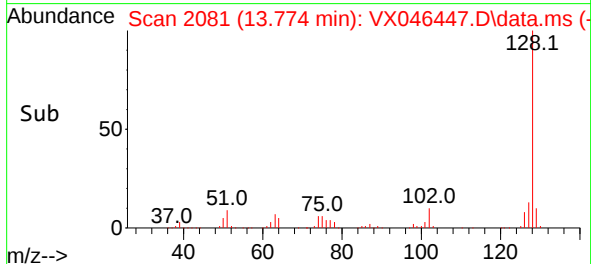
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBSD01



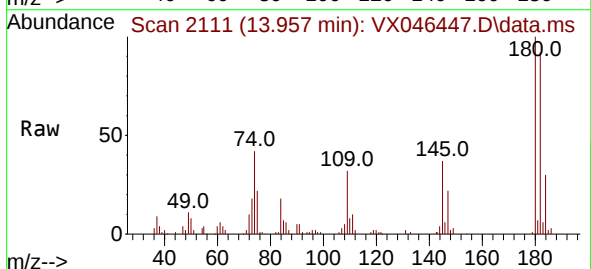
Tgt Ion:128 Resp: 89728
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.992 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046447.D
Acq: 02 Jun 2025 16:22



Tgt Ion:180 Resp: 24935
Ion Ratio Lower Upper
180 100
182 92.8 47.8 143.3
145 36.6 18.1 54.3

