

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046377.D
 Acq On : 28 May 2025 11:56
 Operator : JC/MD
 Sample : VX0528WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

Quant Time: May 29 03:33:37 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	83826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84033	53.771	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.540%			
35) Dibromofluoromethane	5.379	113	56952	54.177	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.360%			
50) Toluene-d8	8.641	98	189534	52.092	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.180%			
62) 4-Bromofluorobenzene	11.079	95	73315	52.531	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22887	17.838	ug/l	99
3) Chloromethane	1.307	50	21256	17.084	ug/l	95
4) Vinyl Chloride	1.374	62	18992	16.401	ug/l	93
5) Bromomethane	1.593	94	9691	18.044	ug/l	98
6) Chloroethane	1.672	64	10974	17.752	ug/l	95
7) Trichlorofluoromethane	1.880	101	31959	18.675	ug/l	98
8) Diethyl Ether	2.130	74	11214	19.249	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	20573	19.425	ug/l	98
10) Methyl Iodide	2.447	142	22334	17.822	ug/l	98
11) Tert butyl alcohol	2.965	59	24497	111.671	ug/l	100
12) 1,1-Dichloroethene	2.313	96	17996	18.105	ug/l	98
13) Acrolein	2.233	56	23886	95.611	ug/l	99
14) Allyl chloride	2.654	41	37207	19.586	ug/l	99
15) Acrylonitrile	3.062	53	69150	110.240	ug/l	100
16) Acetone	2.380	43	66101	105.491	ug/l	100
17) Carbon Disulfide	2.502	76	33925	14.396	ug/l #	94
18) Methyl Acetate	2.703	43	38311	26.348	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	70440	20.214	ug/l	100
20) Methylene Chloride	2.782	84	22214	18.500	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	18706	18.714	ug/l	98
22) Diisopropyl ether	3.757	45	77369	21.085	ug/l	99
23) Vinyl Acetate	3.715	43	322464	99.914	ug/l	100
24) 1,1-Dichloroethane	3.605	63	41481	20.296	ug/l	99
25) 2-Butanone	4.550	43	99855	109.768	ug/l	98
26) 2,2-Dichloropropane	4.471	77	29461	18.417	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	23379	19.428	ug/l	97
28) Bromochloromethane	4.891	49	22137	22.502	ug/l	99
29) Tetrahydrofuran	4.995	42	61825	108.458	ug/l	99
30) Chloroform	5.080	83	44225	20.760	ug/l	95
31) Cyclohexane	5.458	56	32937	17.685	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	36433	19.729	ug/l	99
36) 1,1-Dichloropropene	5.684	75	26678	18.888	ug/l	98
37) Ethyl Acetate	4.715	43	35517	20.353	ug/l	99
38) Carbon Tetrachloride	5.666	117	30490	19.213	ug/l	96
39) Methylcyclohexane	7.373	83	31354	17.243	ug/l	93
40) Benzene	6.031	78	81945	19.807	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20907	22.903	ug/l	98
42) 1,2-Dichloroethane	6.080	62	37458	20.978	ug/l	100
43) Isopropyl Acetate	6.336	43	55658	20.907	ug/l	99
44) Trichloroethene	7.117	130	19121	19.203	ug/l	91
45) 1,2-Dichloropropane	7.428	63	21301	20.706	ug/l	97
46) Dibromomethane	7.580	93	16887	20.813	ug/l	99
47) Bromodichloromethane	7.818	83	33713	21.097	ug/l	98
48) Methyl methacrylate	7.690	41	28374	20.869	ug/l	98
49) 1,4-Dioxane	7.659	88	11488	445.011	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	200431	113.423	ug/l	97
52) Toluene	8.714	92	49358	19.457	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	27849	19.606	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	30996	19.744	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	21565	21.559	ug/l	97
56) Ethyl methacrylate	9.116	69	33284	20.878	ug/l	98
57) 1,3-Dichloropropane	9.305	76	37600	20.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	84828	104.370	ug/l	99
59) 2-Hexanone	9.427	43	147599	112.897	ug/l	97
60) Dibromochloromethane	9.519	129	23770	21.638	ug/l	98
61) 1,2-Dibromoethane	9.604	107	21563	20.741	ug/l	99
64) Tetrachloroethene	9.269	164	17666	19.606	ug/l	97
65) Chlorobenzene	10.073	112	54935	19.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19792	20.794	ug/l	99
67) Ethyl Benzene	10.189	91	99158	20.181	ug/l	98
68) m/p-Xylenes	10.299	106	72052	40.094	ug/l	98
69) o-Xylene	10.640	106	34914	19.929	ug/l	94
70) Styrene	10.653	104	59582	20.761	ug/l	99
71) Bromoform	10.799	173	14570	20.389	ug/l #	96
73) Isopropylbenzene	10.957	105	94872	19.580	ug/l	100
74) N-amyl acetate	10.842	43	48080	20.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34768	20.476	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	30480m	20.346	ug/l	
77) Bromobenzene	11.195	156	21488	19.102	ug/l	98
78) n-propylbenzene	11.299	91	109951	19.516	ug/l	98
79) 2-Chlorotoluene	11.360	91	70096	19.289	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	79490	19.637	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8378	18.207	ug/l	93
82) 4-Chlorotoluene	11.451	91	79305	19.679	ug/l	100
83) tert-Butylbenzene	11.713	119	79094	19.398	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	81527	19.888	ug/l	100
85) sec-Butylbenzene	11.890	105	100199	20.014	ug/l	98
86) p-Isopropyltoluene	12.006	119	81012	19.604	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40065	19.515	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	41149	19.626	ug/l	99
89) n-Butylbenzene	12.329	91	70319	19.399	ug/l	99
90) Hexachloroethane	12.536	117	13575	18.646	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	41718	20.250	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7851	20.871	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	23072	19.498	ug/l	98
94) Hexachlorobutadiene	13.725	225	10614	20.538	ug/l	98
95) Naphthalene	13.774	128	83247	19.182	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	23314	19.095	ug/l	99

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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

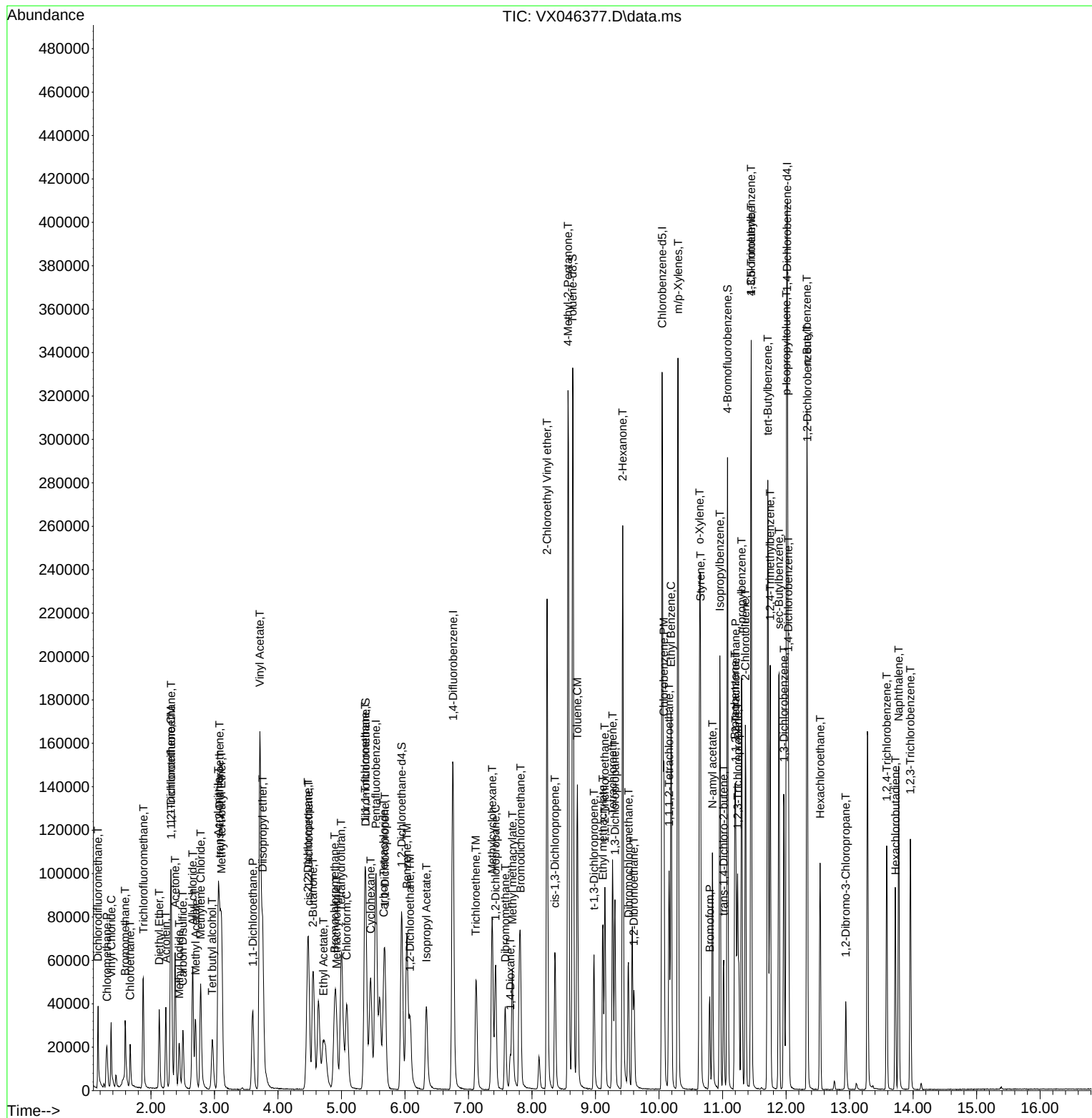
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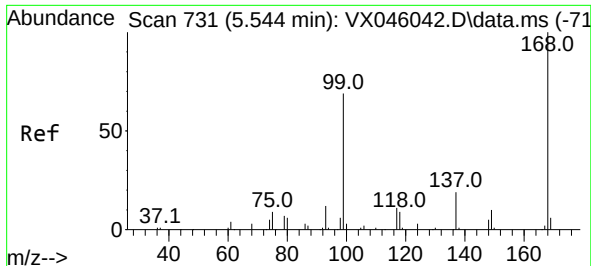
Instrument :
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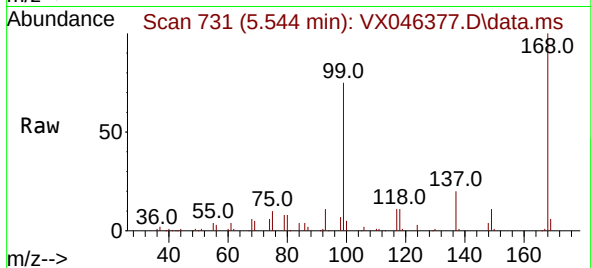
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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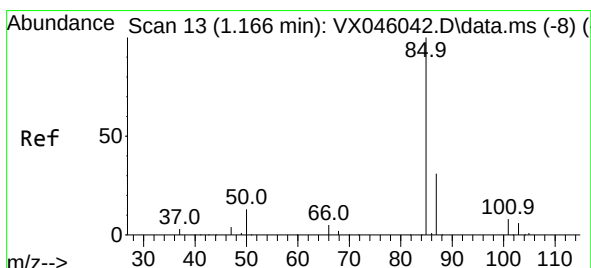
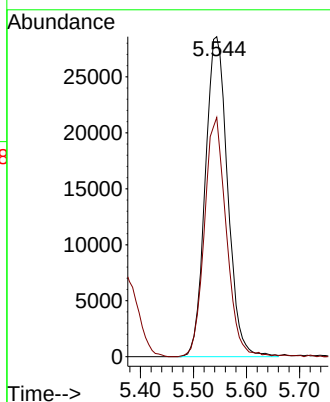
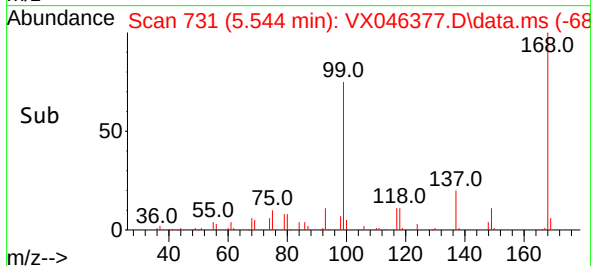
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion:168 Resp: 83820
Ion Ratio Lower Upper
168 100
99 74.8 54.9 82.3

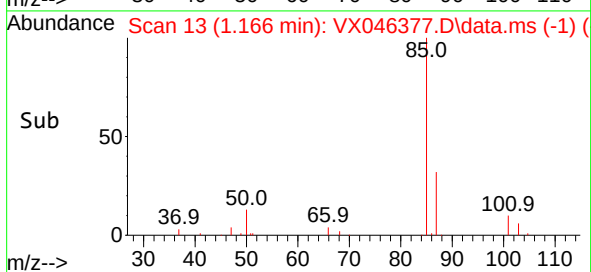
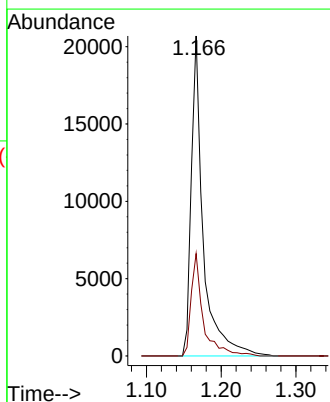
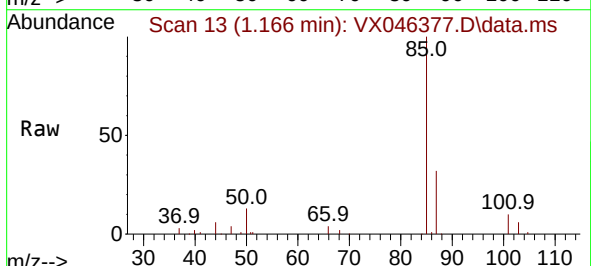
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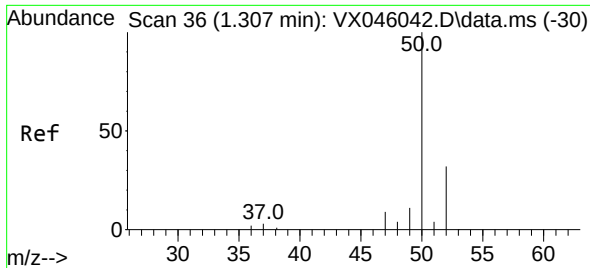
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#2
Dichlorodifluoromethane
Concen: 17.838 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Tgt Ion: 85 Resp: 22887
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.1





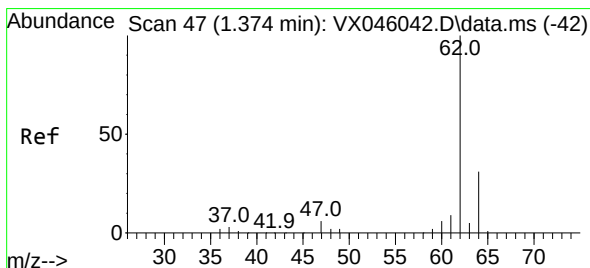
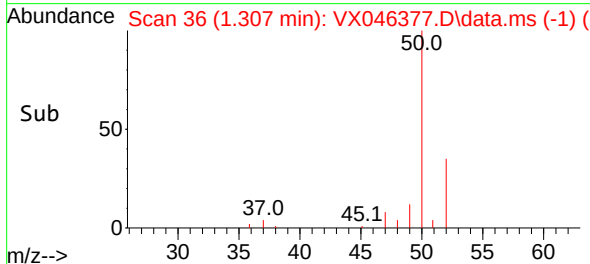
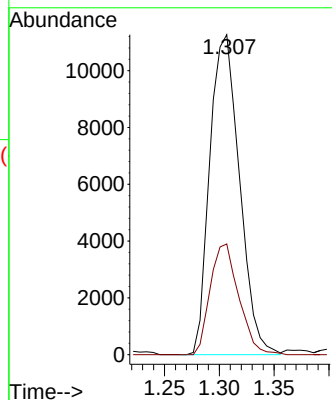
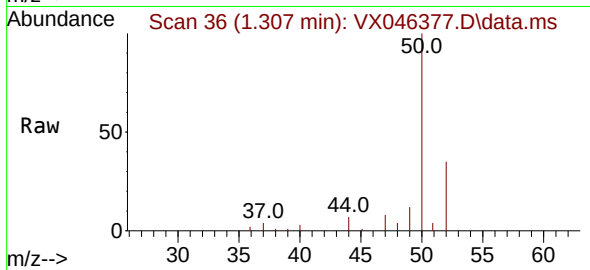
#3
Chloromethane
Concen: 17.084 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046377.D
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Tgt Ion: 50 Resp: 21250
Ion Ratio Lower Upper
50 100
52 34.6 25.4 38.2

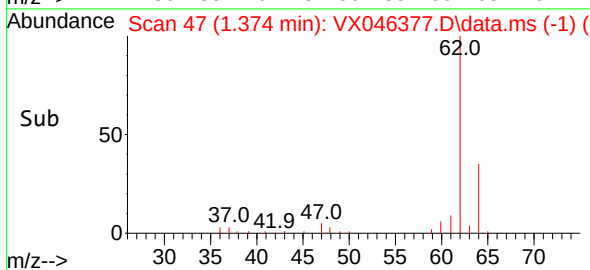
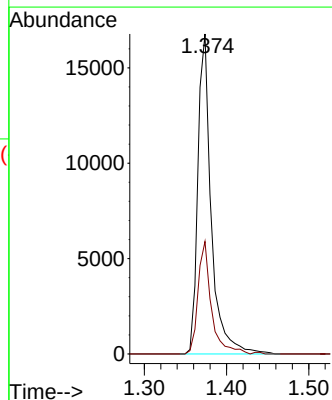
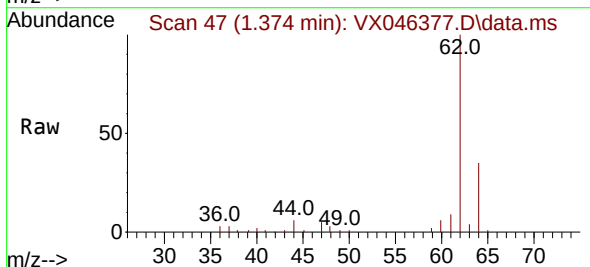
Manual Integrations
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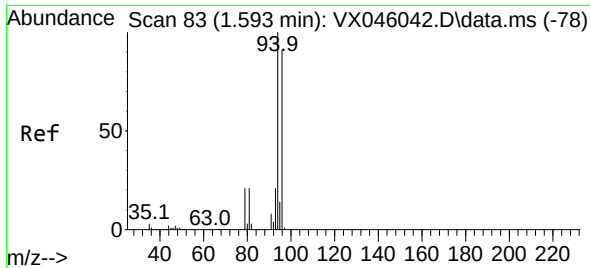
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#4
Vinyl Chloride
Concen: 16.401 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

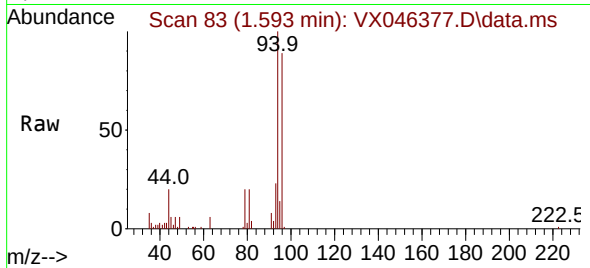
Tgt Ion: 62 Resp: 18992
Ion Ratio Lower Upper
62 100
64 35.2 25.2 37.8





#5
Bromomethane
Concen: 18.044 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX046377.D
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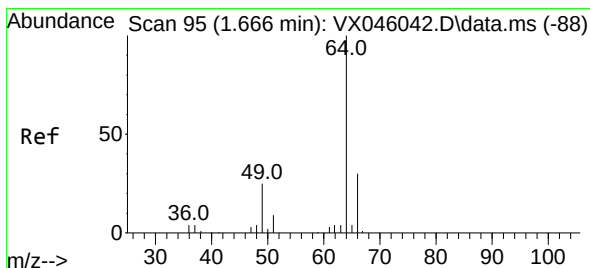
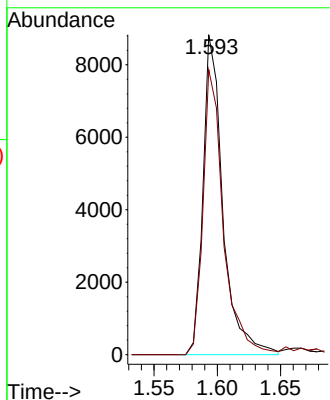
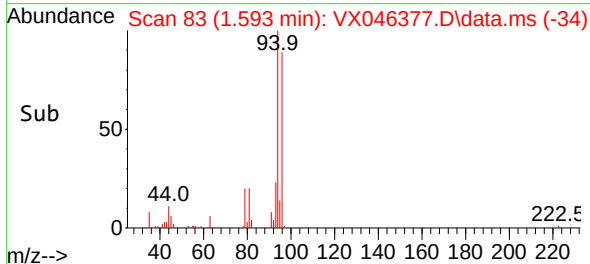
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Tgt Ion: 94 Resp: 969
Ion Ratio Lower Upper
94 100
96 89.1 72.8 109.2

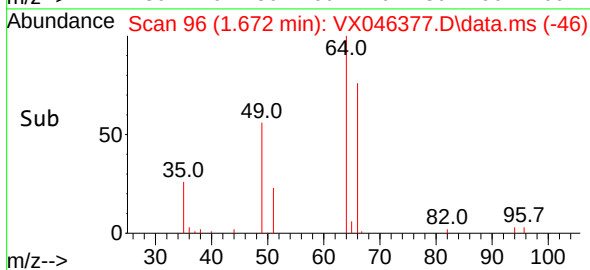
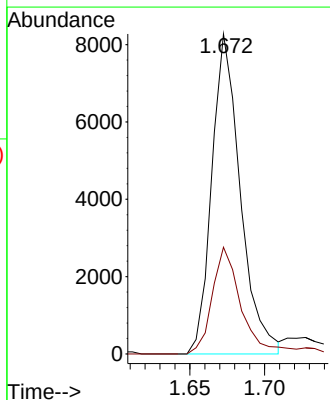
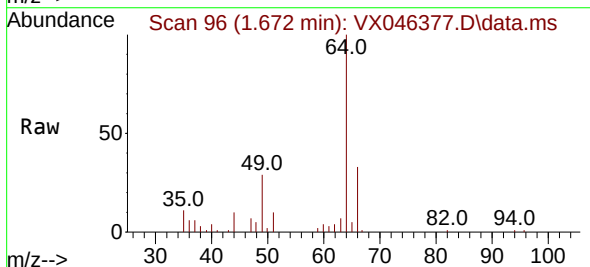
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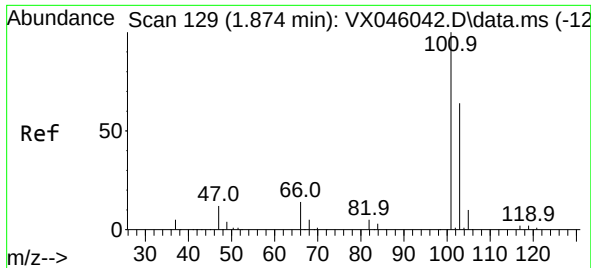
Reviewed By :John Carlone 05/29/2025
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#6
Chloroethane
Concen: 17.752 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX046377.D
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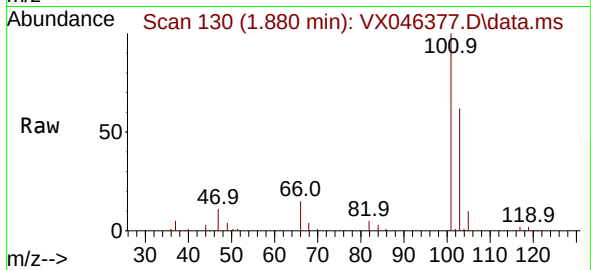
Tgt Ion: 64 Resp: 10974
Ion Ratio Lower Upper
64 100
66 33.4 24.3 36.5





#7
Trichlorofluoromethane
Concen: 18.675 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046377.D
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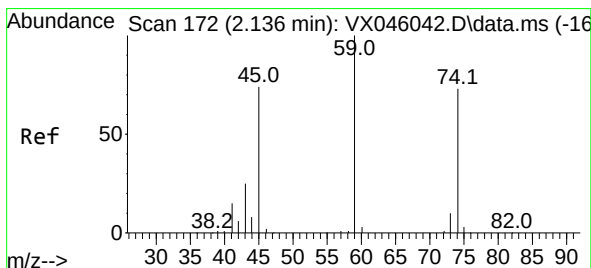
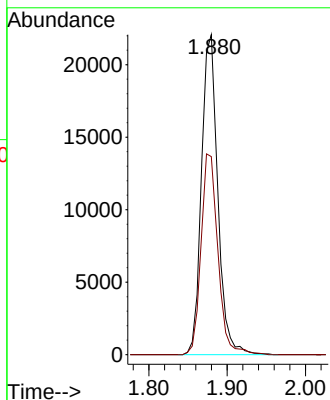
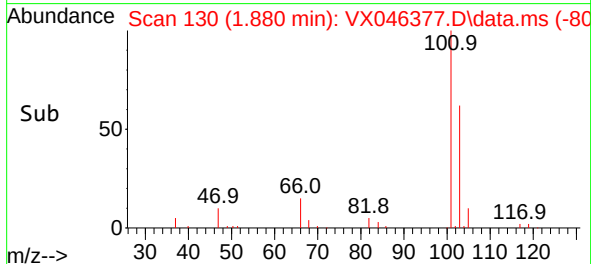
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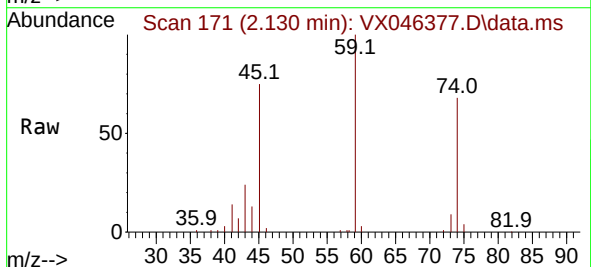
Tgt Ion:101 Resp: 3195
Ion Ratio Lower Upper
101 100
103 61.9 51.0 76.4

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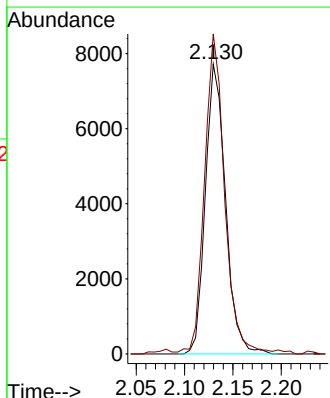
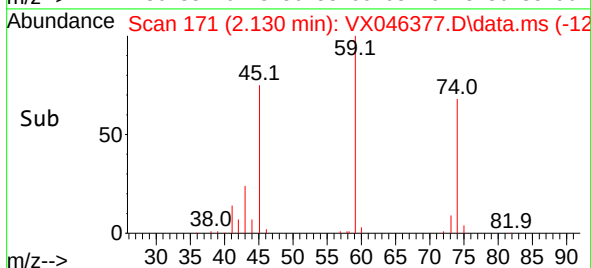
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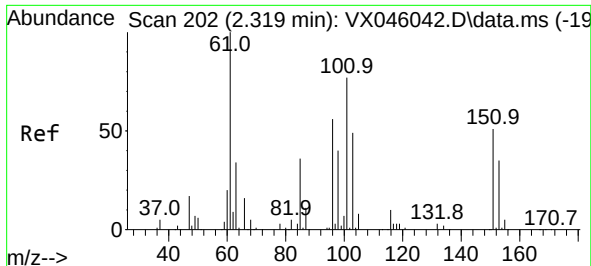


#8
Diethyl Ether
Concen: 19.249 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 11214
Ion Ratio Lower Upper
74 100
45 107.2 54.9 164.8





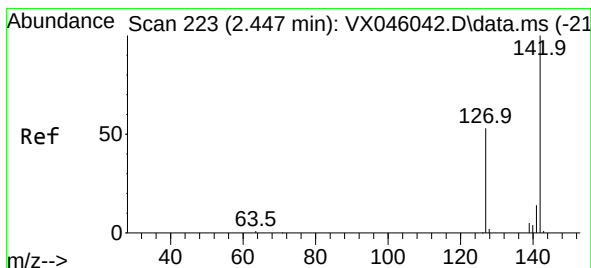
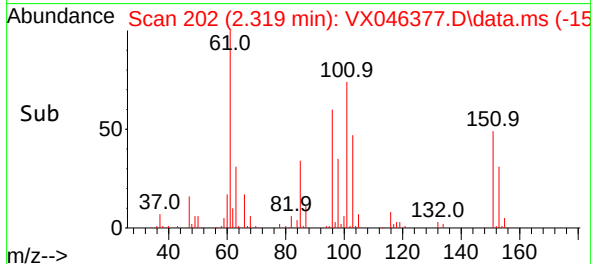
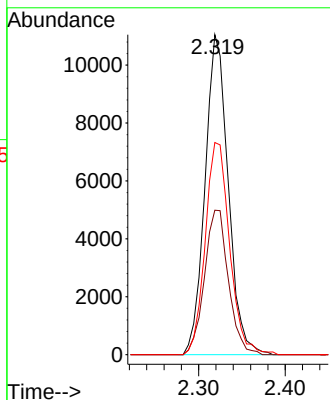
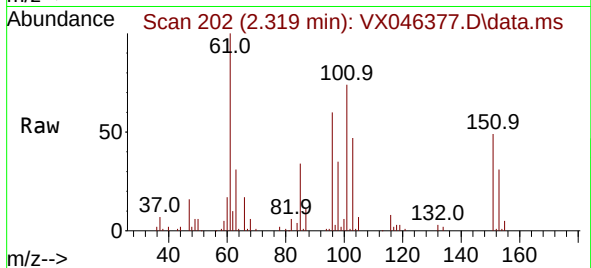
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.425 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tgt Ion:101 Resp: 2057
Ion Ratio Lower Upper
101 100
85 46.6 38.6 58.0
151 69.8 55.2 82.8

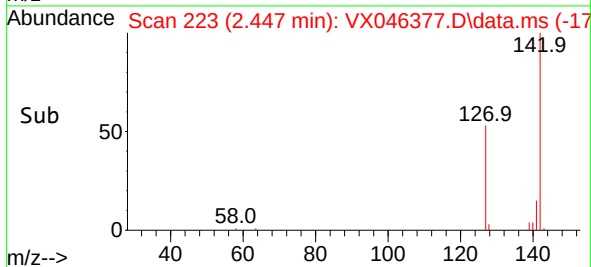
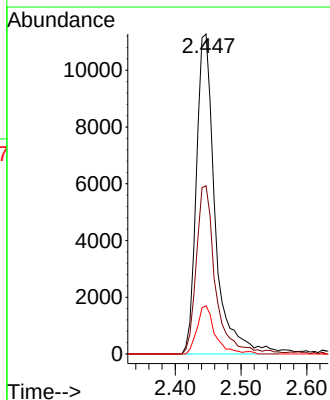
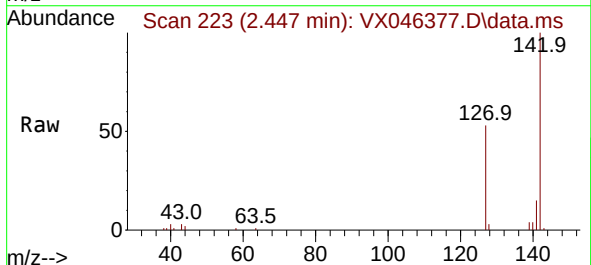
Manual Integrations
APPROVED

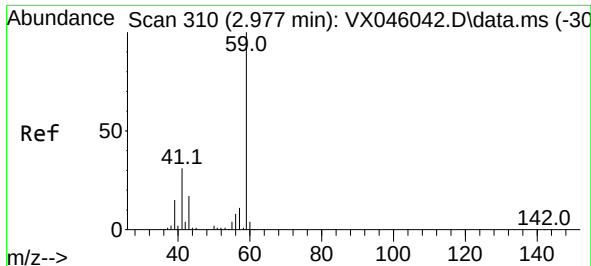
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 17.822 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Tgt Ion:142 Resp: 22334
Ion Ratio Lower Upper
142 100
127 53.8 41.7 62.5
141 14.2 11.5 17.3





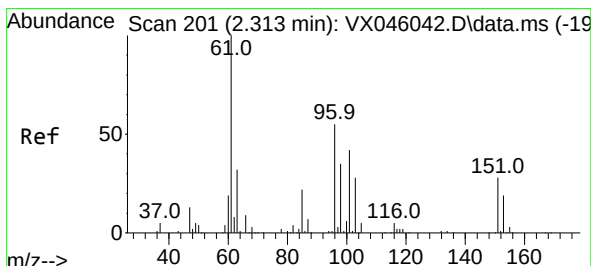
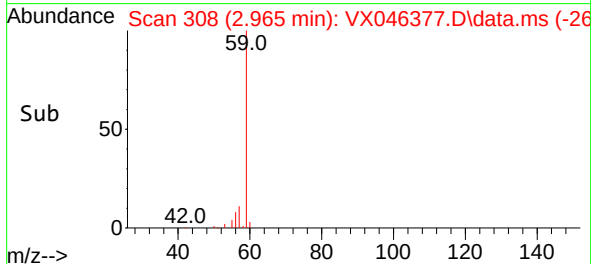
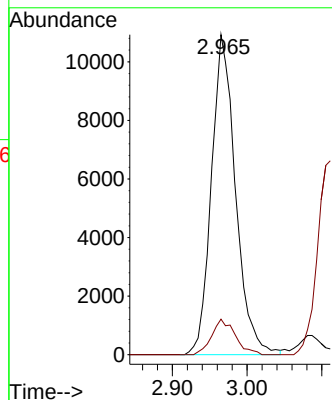
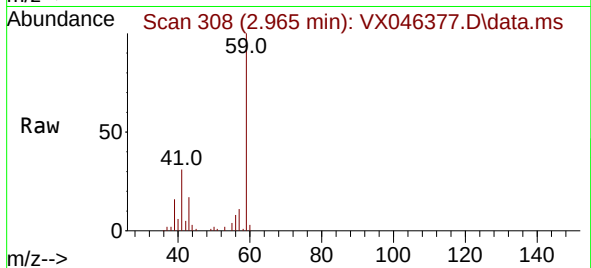
#11
Tert butyl alcohol
Concen: 111.671 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tgt Ion: 59 Resp: 2449
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

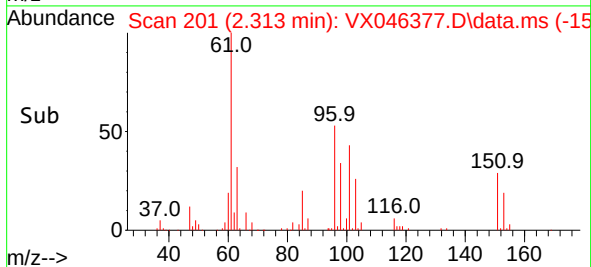
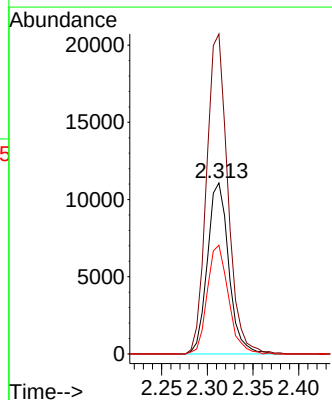
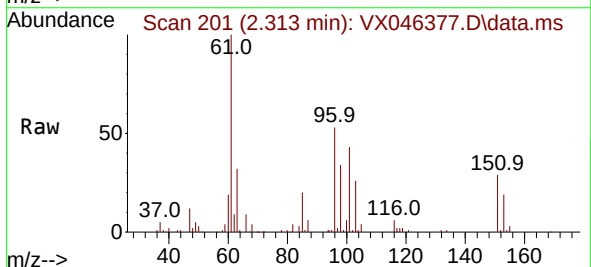
Manual Integrations
APPROVED

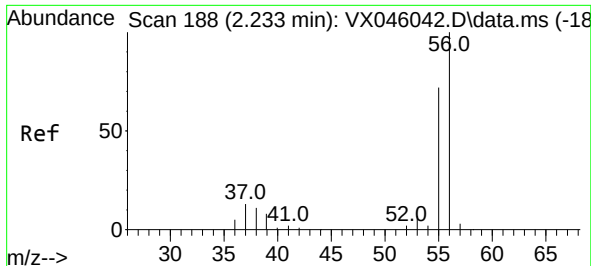
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#12
1,1-Dichloroethene
Concen: 18.105 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

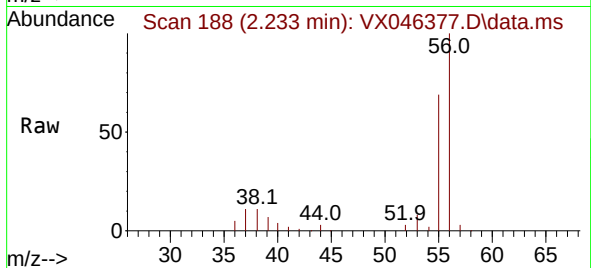
Tgt Ion: 96 Resp: 17996
Ion Ratio Lower Upper
96 100
61 187.1 146.2 219.2
98 63.7 51.0 76.6





#13
Acrolein
Concen: 95.611 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

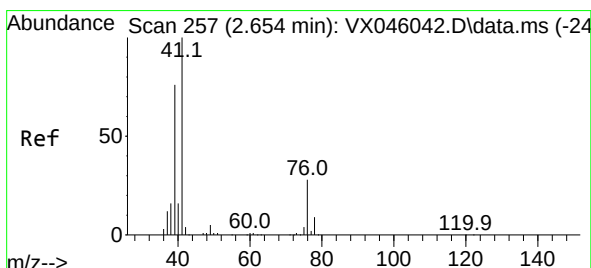
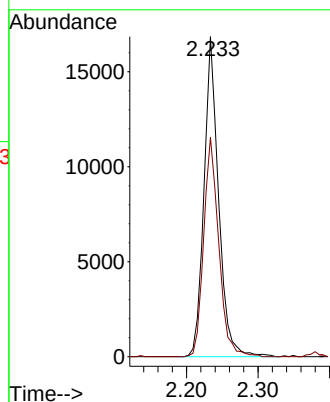
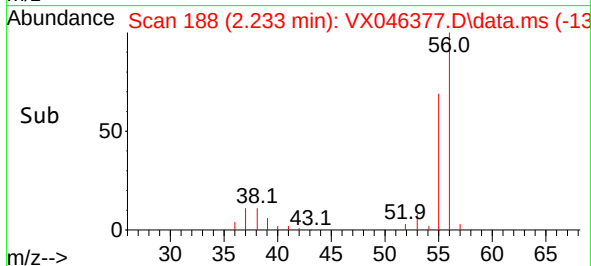
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion: 56 Resp: 2388
Ion Ratio Lower Upper
56 100
55 70.8 56.2 84.4

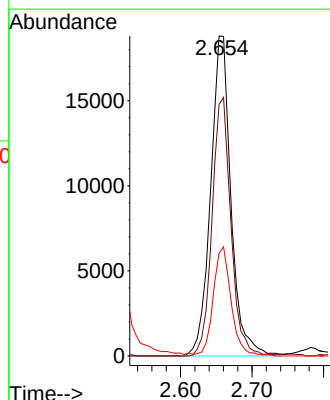
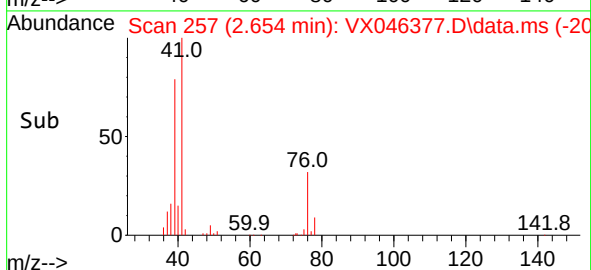
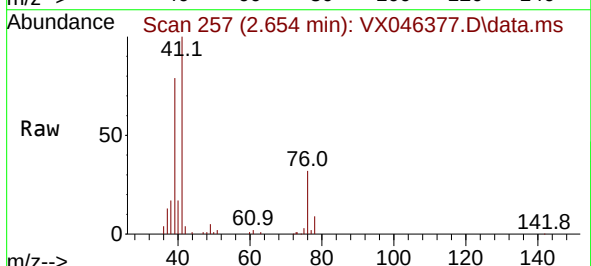
Manual Integrations
APPROVED

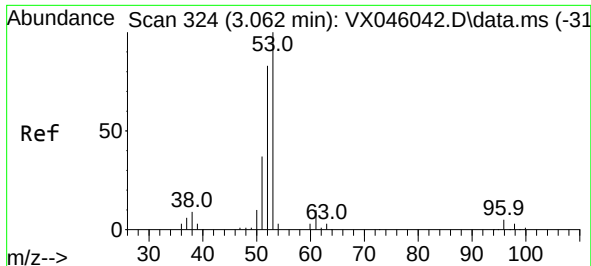
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#14
Allyl chloride
Concen: 19.586 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

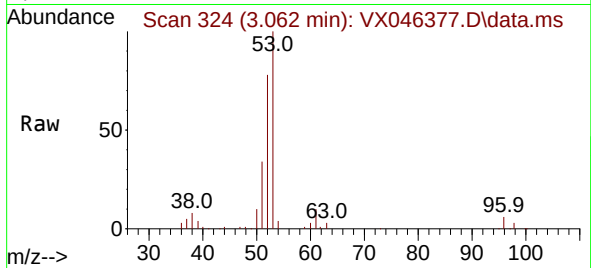
Tgt Ion: 41 Resp: 37207
Ion Ratio Lower Upper
41 100
39 74.8 60.6 90.8
76 30.0 24.9 37.3





#15
Acrylonitrile
Concen: 110.240 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

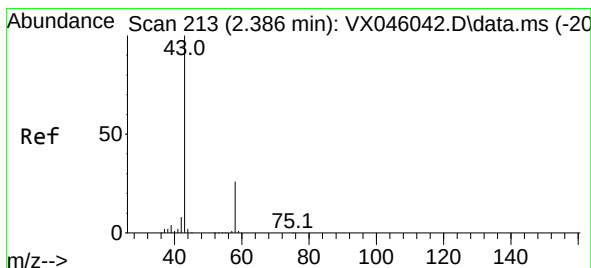
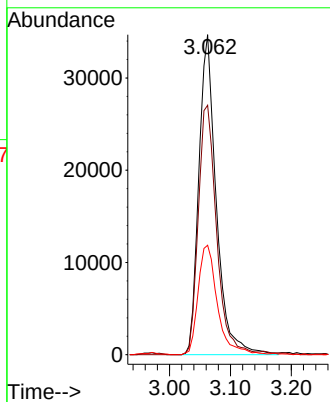
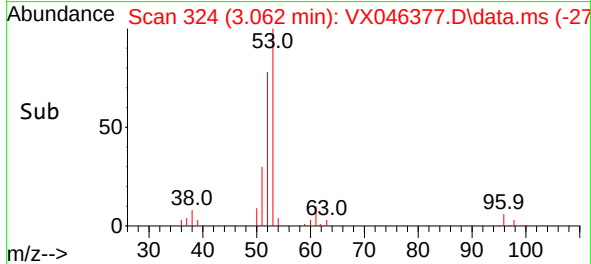
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion: 53 Resp: 69150
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 37.9 29.8 44.8

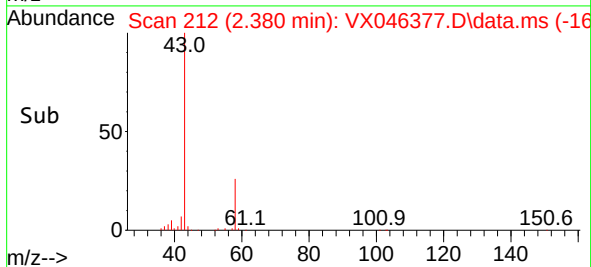
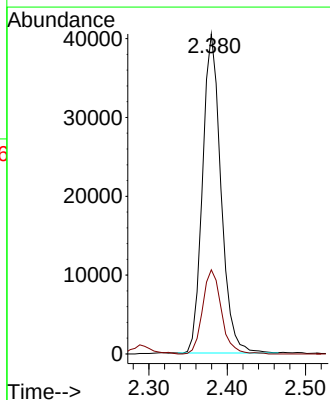
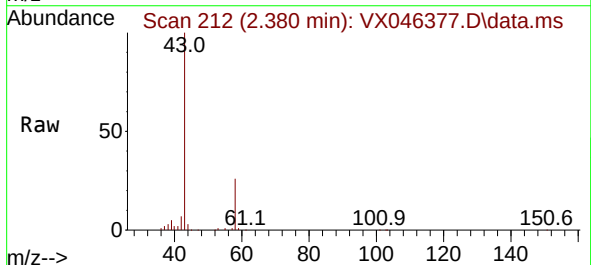
Manual Integrations
APPROVED

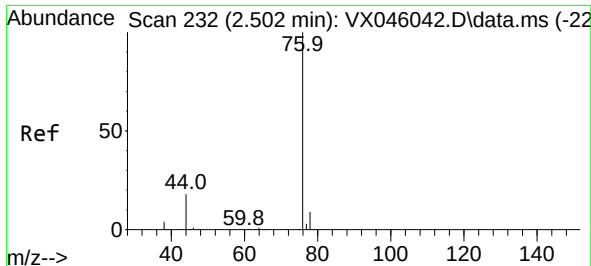
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#16
Acetone
Concen: 105.491 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

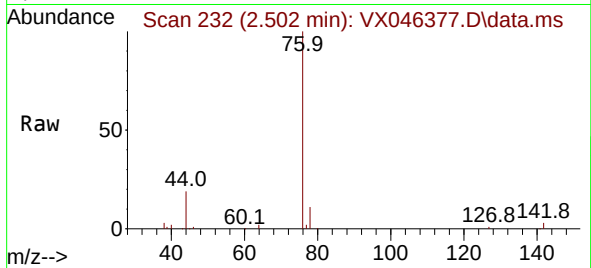
Tgt Ion: 43 Resp: 66101
Ion Ratio Lower Upper
43 100
58 26.4 21.2 31.8





#17
Carbon Disulfide
Concen: 14.396 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

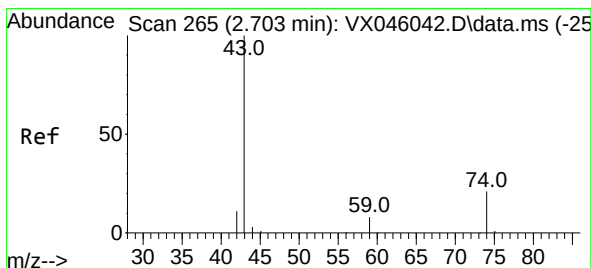
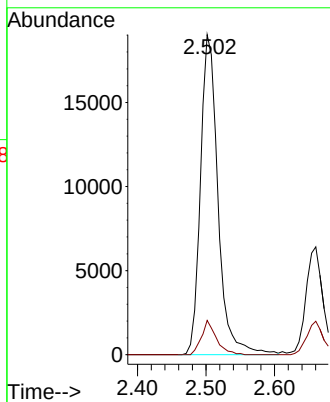
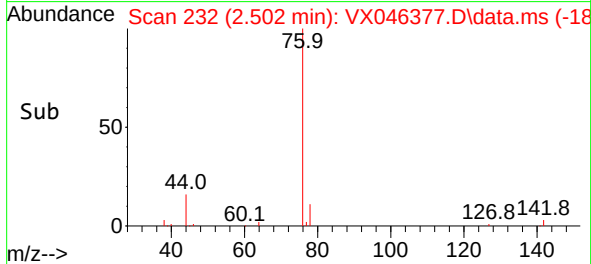
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



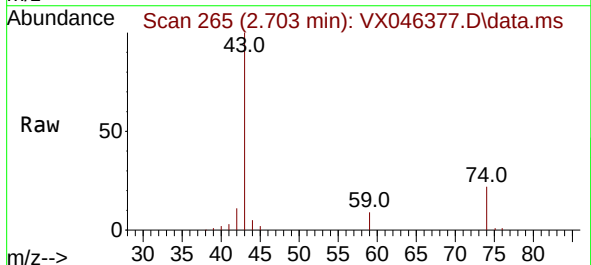
Tgt Ion: 76 Resp: 3392
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.4

Manual Integrations
APPROVED

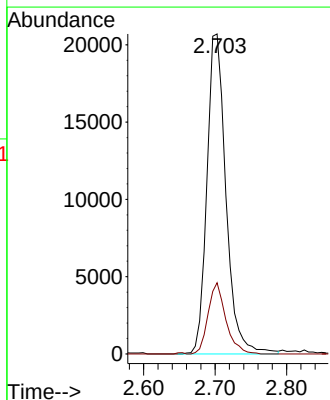
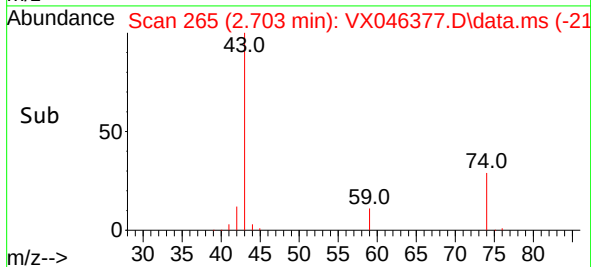
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

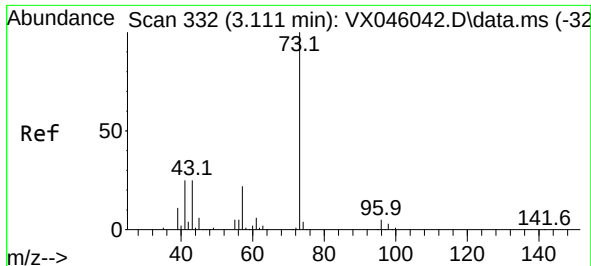


#18
Methyl Acetate
Concen: 26.348 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56



Tgt Ion: 43 Resp: 38311
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1





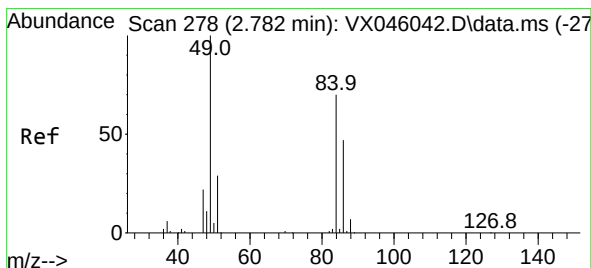
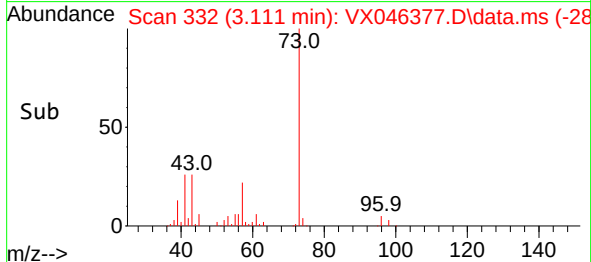
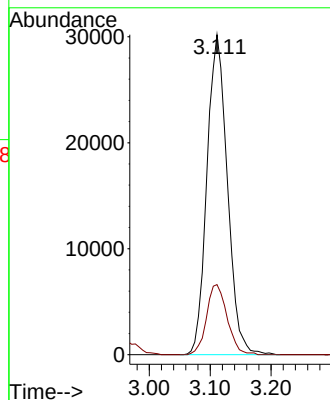
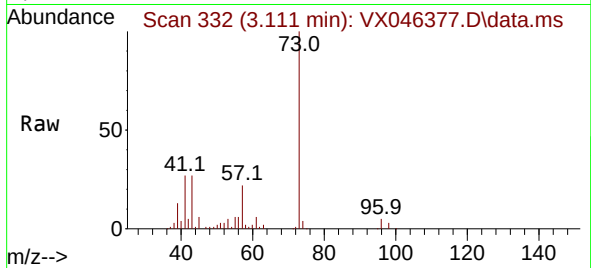
#19
Methyl tert-butyl Ether
Concen: 20.214 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tgt Ion: 73 Resp: 70440
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

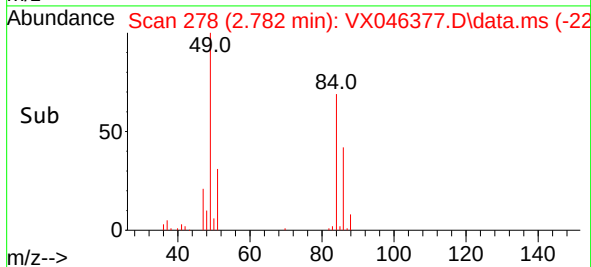
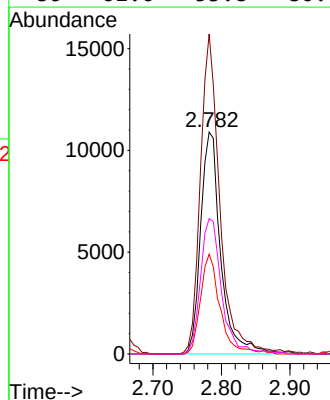
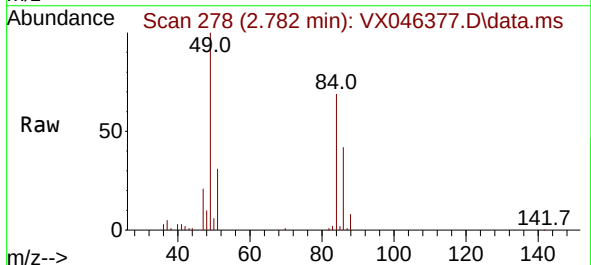
Manual Integrations
APPROVED

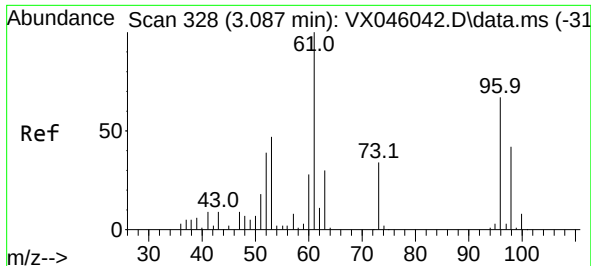
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 18.500 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

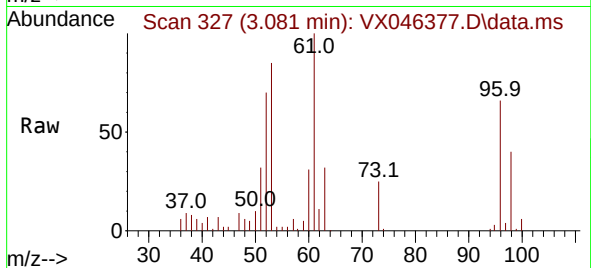
Tgt Ion: 84 Resp: 22214
Ion Ratio Lower Upper
84 100
49 144.2 113.9 170.9
51 45.0 33.5 50.3
86 61.0 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 18.714 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

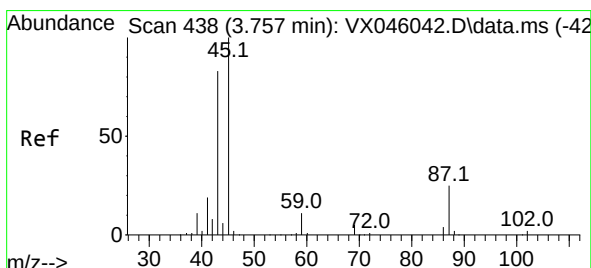
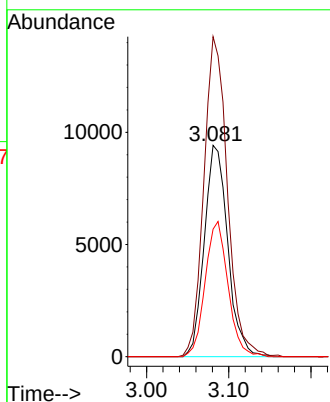
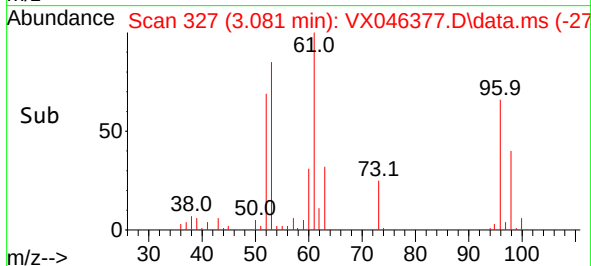
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion: 96 Resp: 18700
Ion Ratio Lower Upper
96 100
61 151.4 119.5 179.3
98 60.3 50.0 75.0

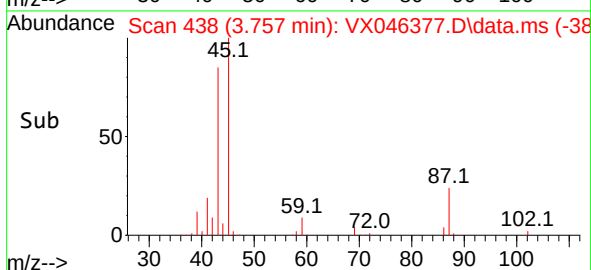
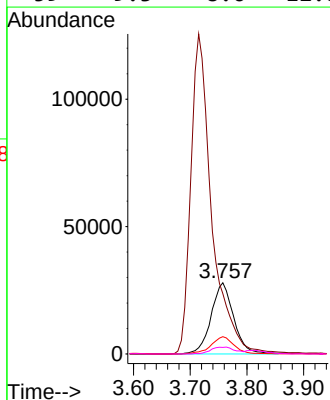
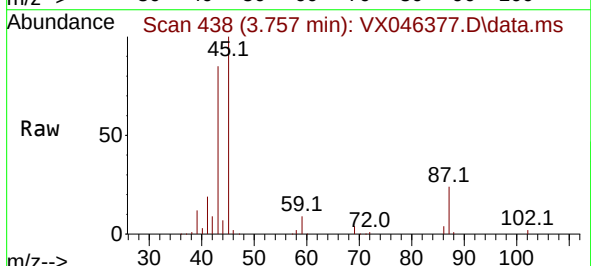
Manual Integrations
APPROVED

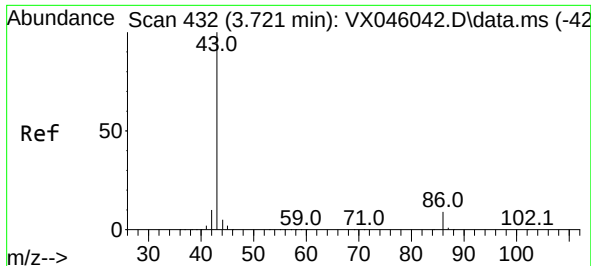
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#22
Diisopropyl ether
Concen: 21.085 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

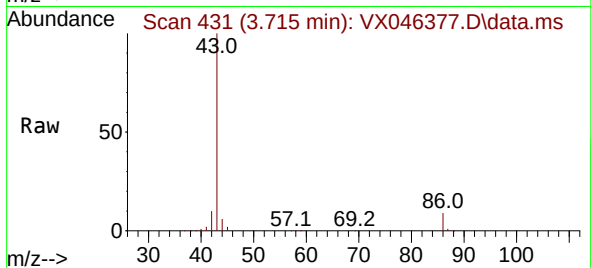
Tgt Ion: 45 Resp: 77369
Ion Ratio Lower Upper
45 100
43 82.1 66.6 100.0
87 24.4 19.8 29.6
59 9.3 8.6 12.8





#23
 Vinyl Acetate
 Concen: 99.914 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046377.D
 Acq: 28 May 2025 11:56

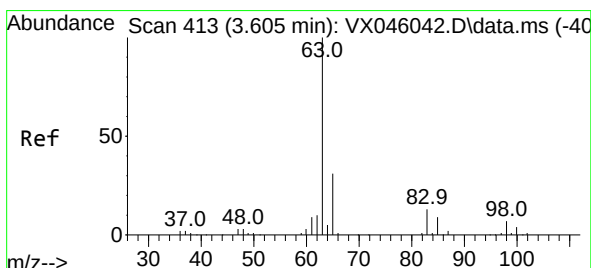
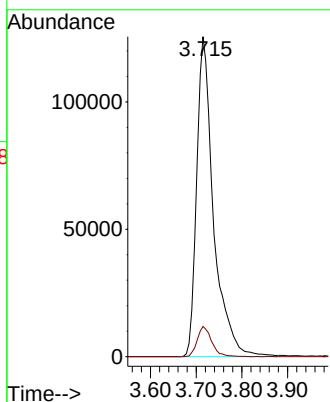
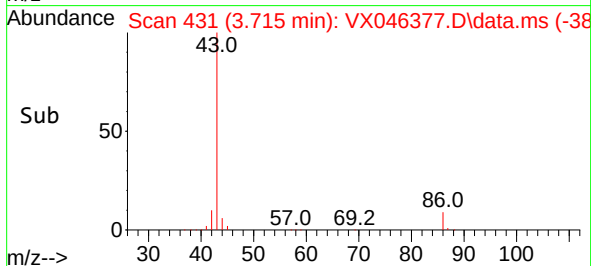
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01



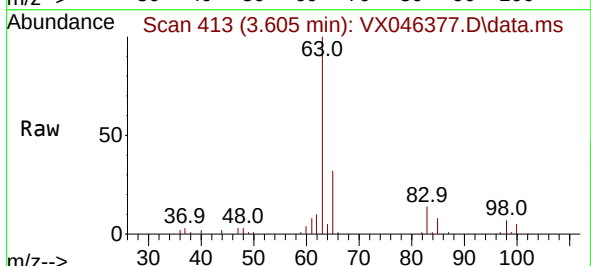
Tgt Ion: 43 Resp: 322464
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

Manual Integrations
 APPROVED

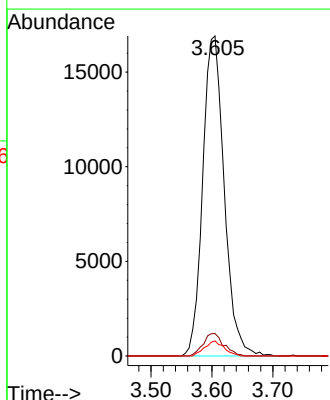
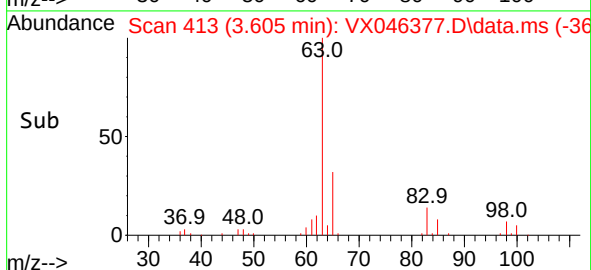
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

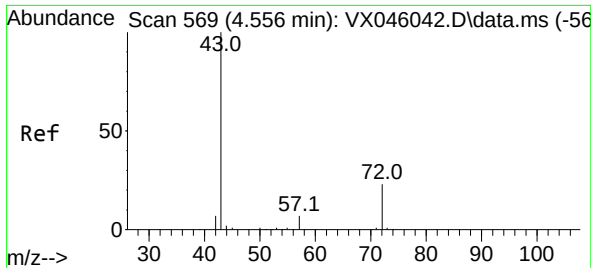


#24
 1,1-Dichloroethane
 Concen: 20.296 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046377.D
 Acq: 28 May 2025 11:56



Tgt Ion: 63 Resp: 41481
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.7 2.1 6.3





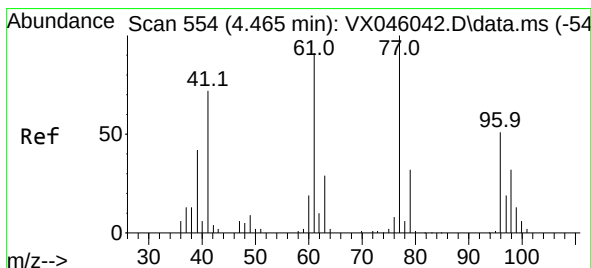
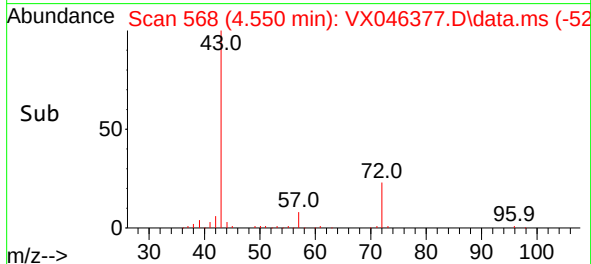
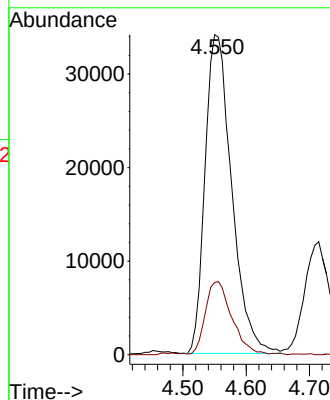
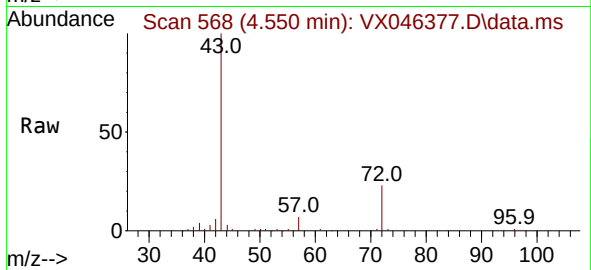
#25
2-Butanone
Concen: 109.768 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tgt Ion: 43 Resp: 9985
Ion Ratio Lower Upper
43 100
72 22.2 18.4 27.6

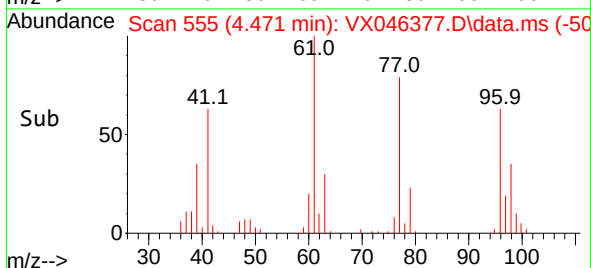
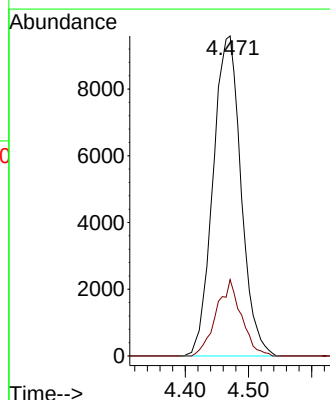
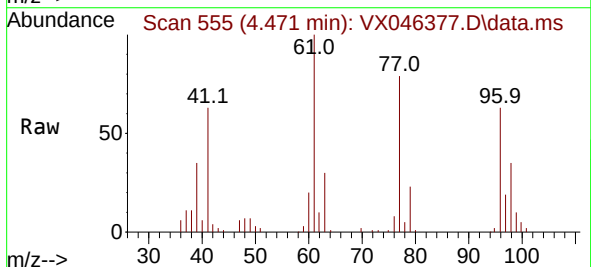
Manual Integrations
APPROVED

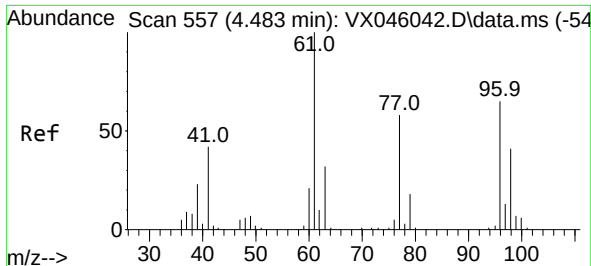
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#26
2,2-Dichloropropane
Concen: 18.417 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Tgt Ion: 77 Resp: 29461
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 19.428 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX046377.D

Acq: 28 May 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

Tgt Ion: 96 Resp: 23379

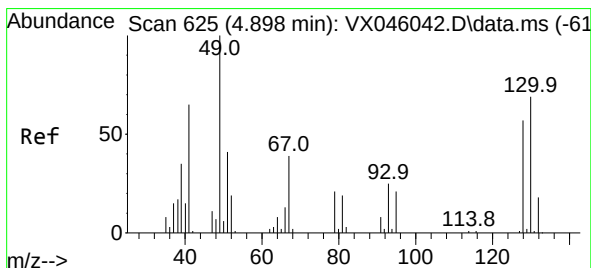
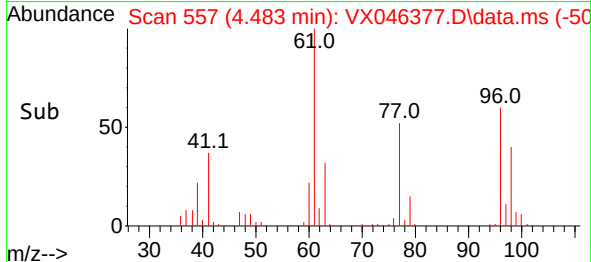
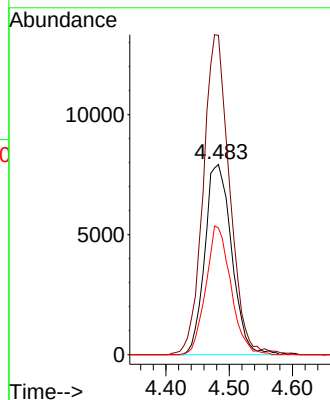
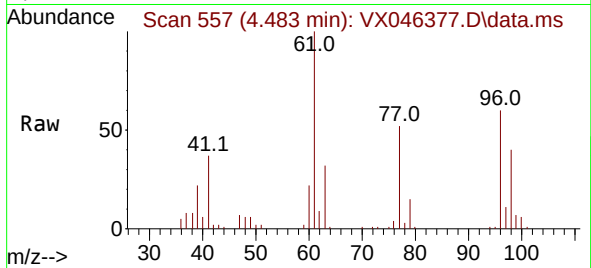
Ion	Ratio	Lower	Upper
96	100		
61	165.6	0.0	322.8
98	63.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#28

Bromochloromethane

Concen: 22.502 ug/l

RT: 4.891 min Scan# 624

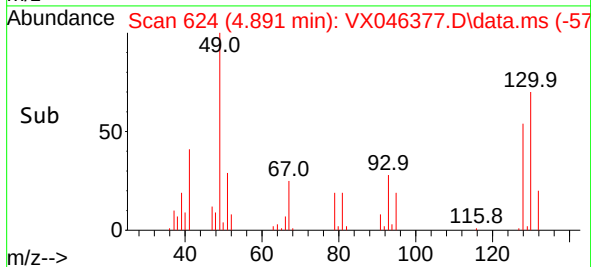
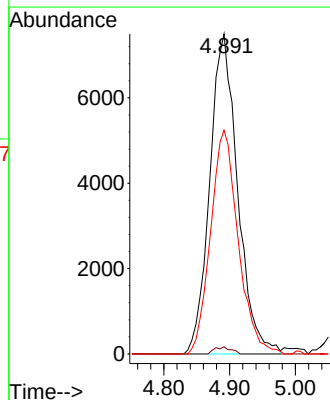
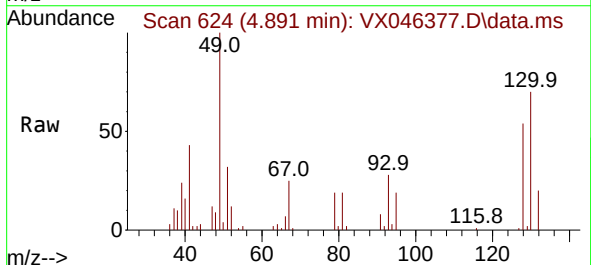
Delta R.T. -0.006 min

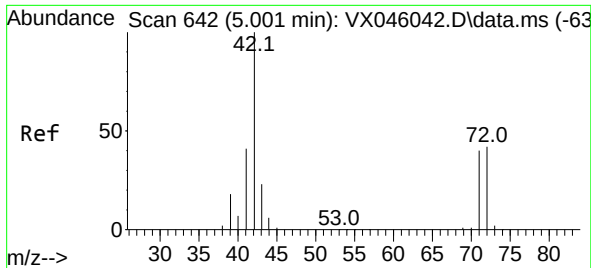
Lab File: VX046377.D

Acq: 28 May 2025 11:56

Tgt Ion: 49 Resp: 22137

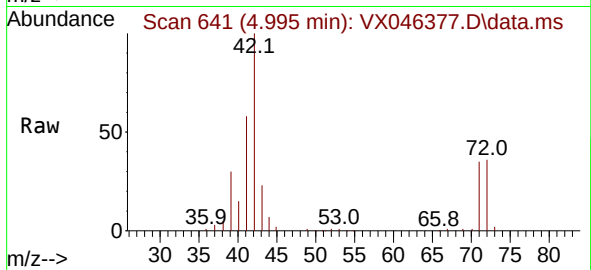
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.0
130	69.1	56.2	84.2





#29
Tetrahydrofuran
Concen: 108.458 ug/l
RT: 4.995 min Scan# 642
Delta R.T. -0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

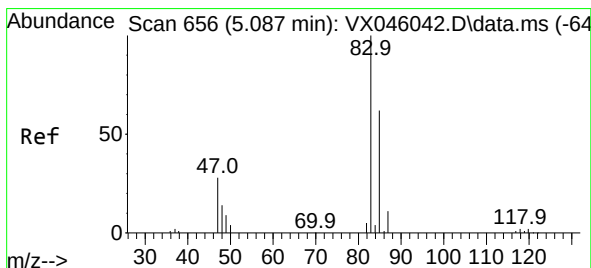
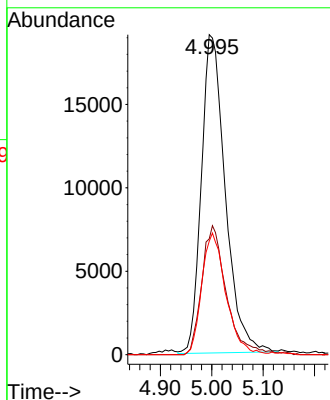
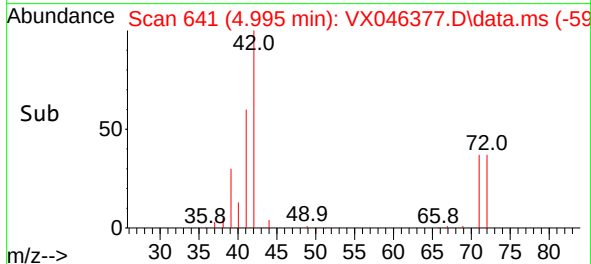
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion: 42 Resp: 61825
Ion Ratio Lower Upper
42 100
72 41.5 33.7 50.5
71 38.4 31.4 47.2

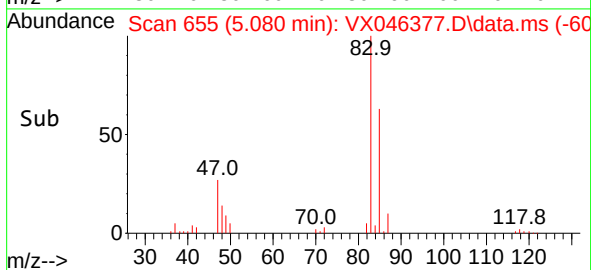
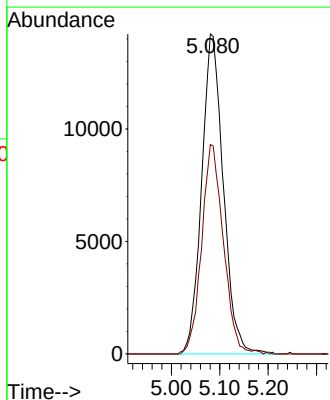
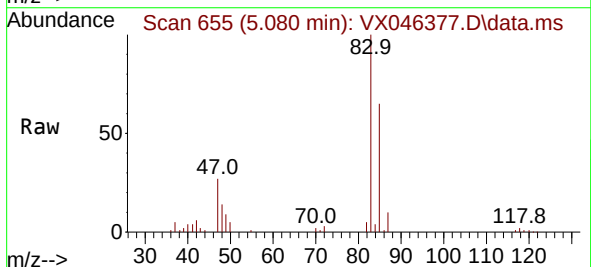
Manual Integrations
APPROVED

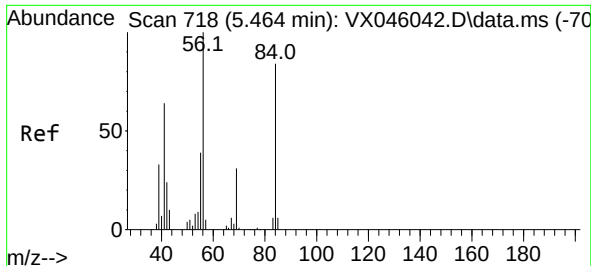
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#30
Chloroform
Concen: 20.760 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

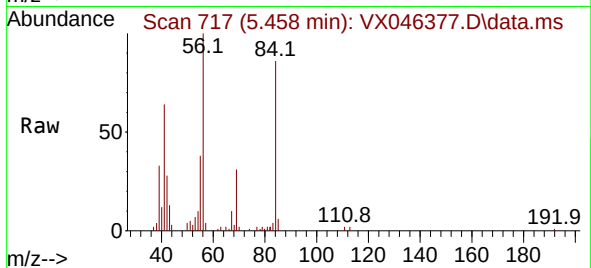
Tgt Ion: 83 Resp: 44225
Ion Ratio Lower Upper
83 100
85 65.5 49.3 73.9





#31
Cyclohexane
Concen: 17.685 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

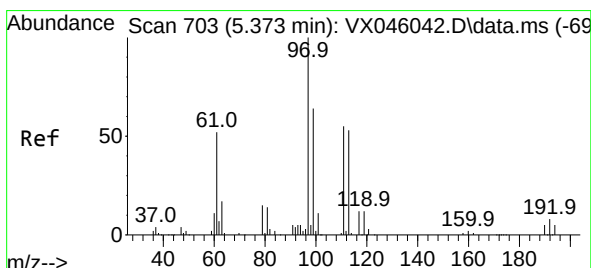
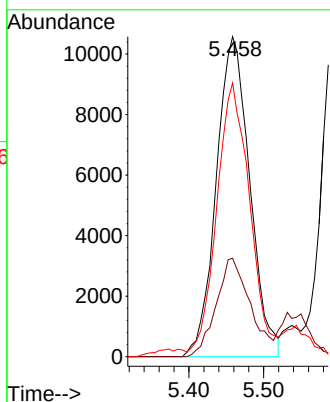
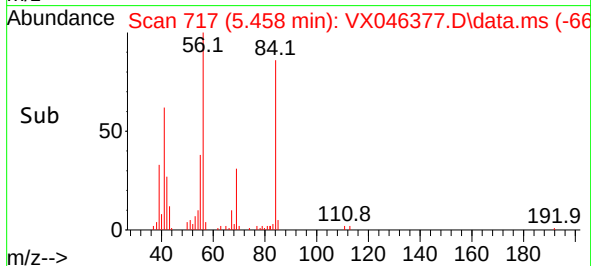
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



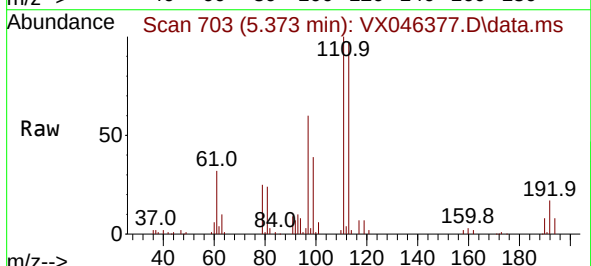
Tgt Ion: 56 Resp: 3293
Ion Ratio Lower Upper
56 100
69 30.8 24.4 36.6
84 83.2 66.9 100.3

Manual Integrations
APPROVED

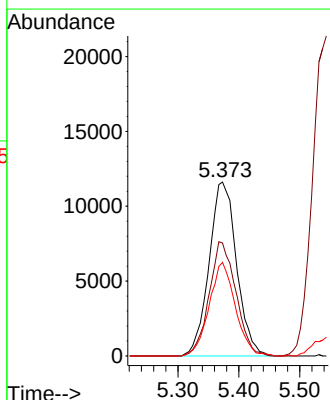
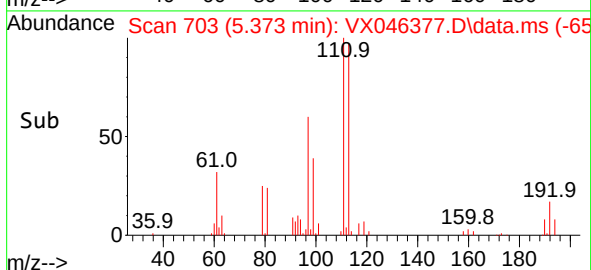
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

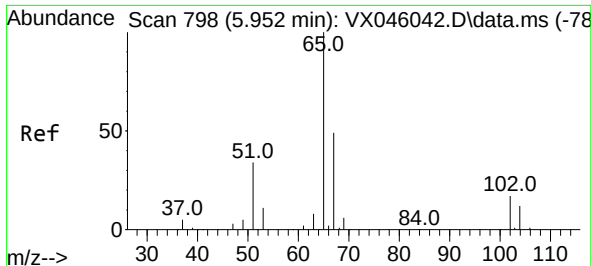


#32
1,1,1-Trichloroethane
Concen: 19.729 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56



Tgt Ion: 97 Resp: 36433
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 51.3 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 53.771 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046377.D

Acq: 28 May 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

Tgt Ion: 65 Resp: 8403

Ion Ratio Lower Upper

65 100

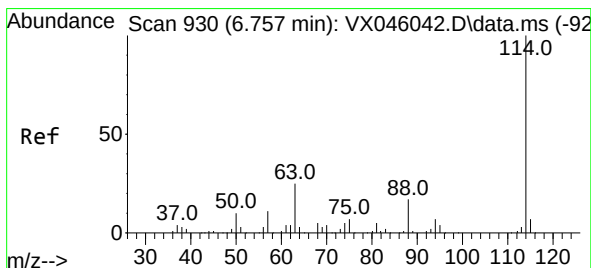
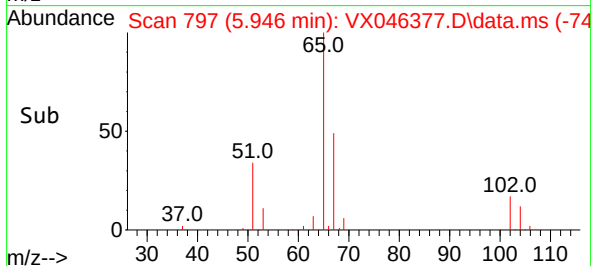
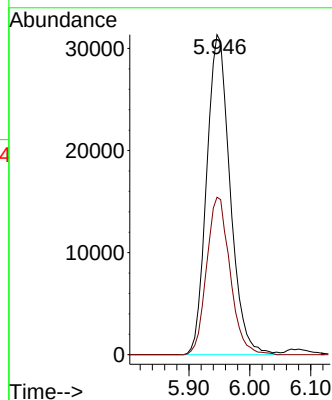
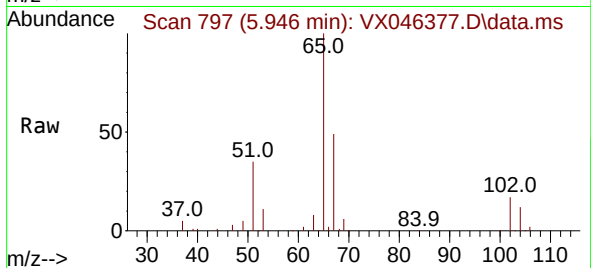
67 49.1 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046377.D

Acq: 28 May 2025 11:56

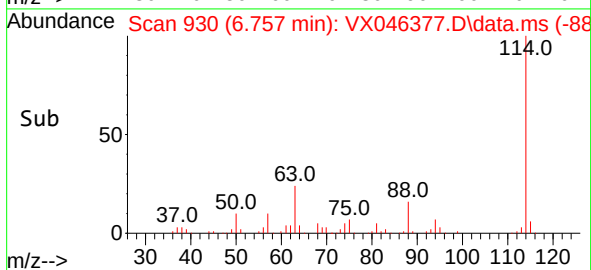
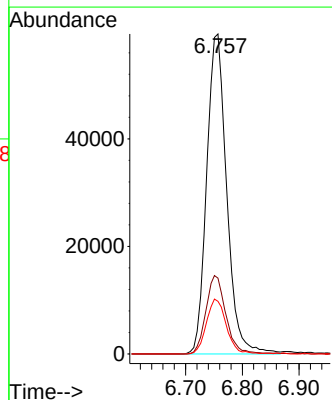
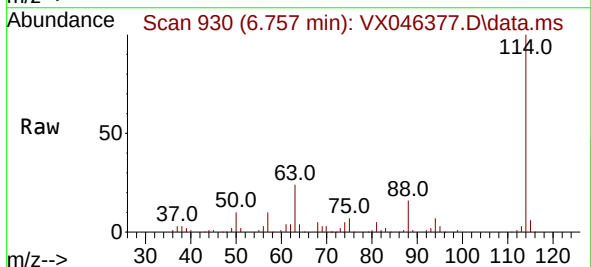
Tgt Ion:114 Resp: 145982

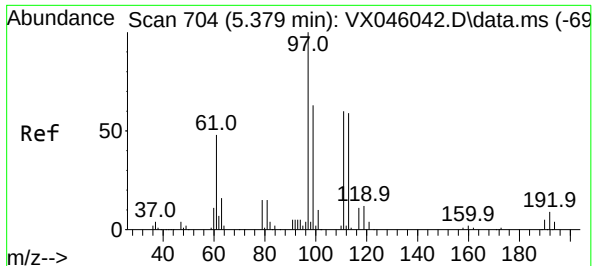
Ion Ratio Lower Upper

114 100

63 23.7 0.0 49.2

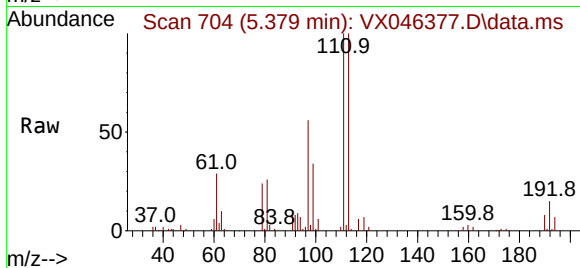
88 16.4 0.0 33.6





#35
Dibromofluoromethane
Concen: 54.177 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

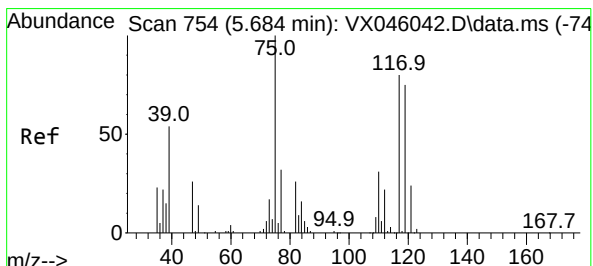
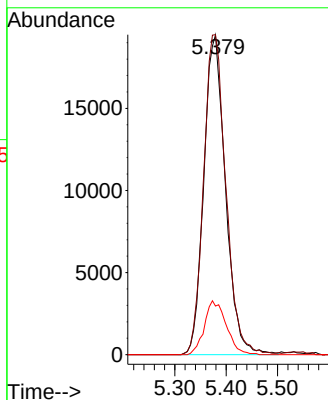
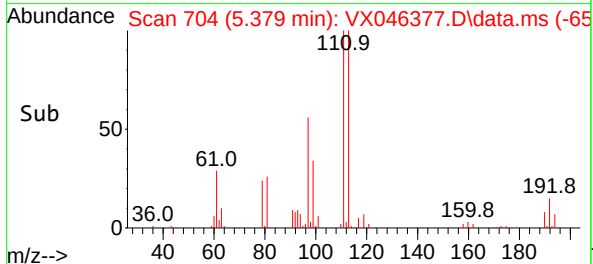
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion:113 Resp: 56952
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 17.1 13.3 19.9

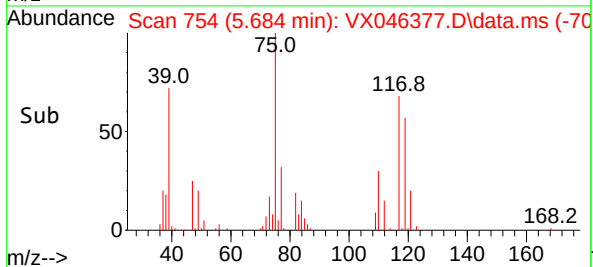
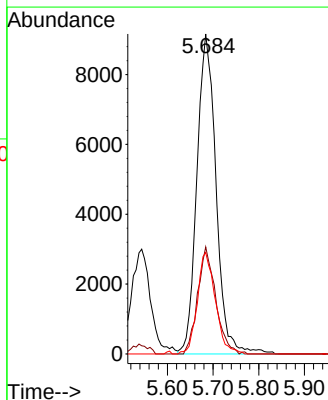
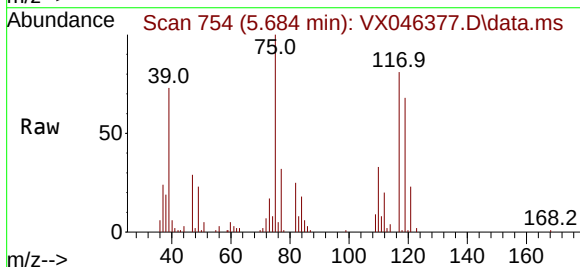
Manual Integrations
APPROVED

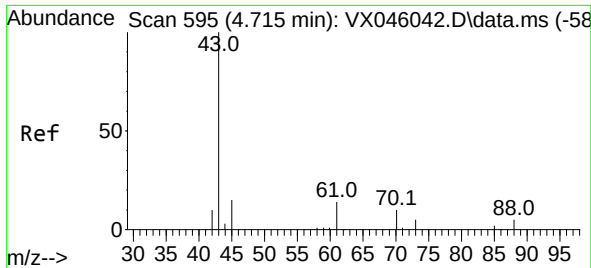
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#36
1,1-Dichloropropene
Concen: 18.888 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

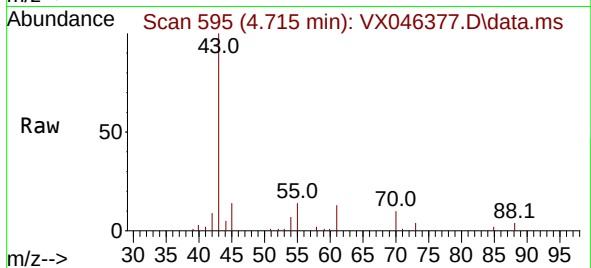
Tgt Ion: 75 Resp: 26678
Ion Ratio Lower Upper
75 100
110 31.3 16.3 48.9
77 29.8 24.3 36.5





#37
Ethyl Acetate
Concen: 20.353 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

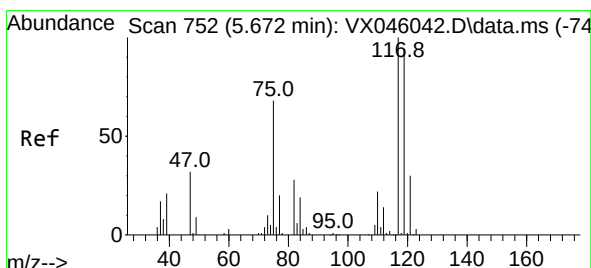
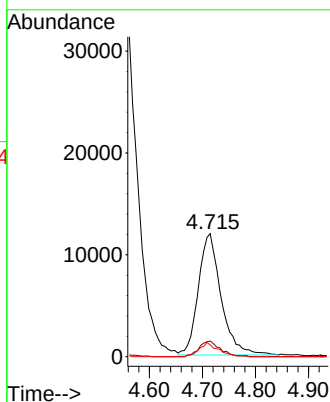
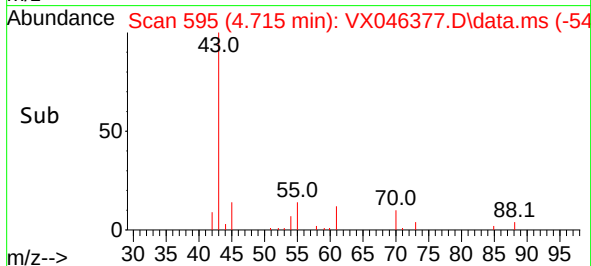
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion: 43 Resp: 3551
Ion Ratio Lower Upper
43 100
61 12.1 10.3 15.5
70 9.8 7.9 11.9

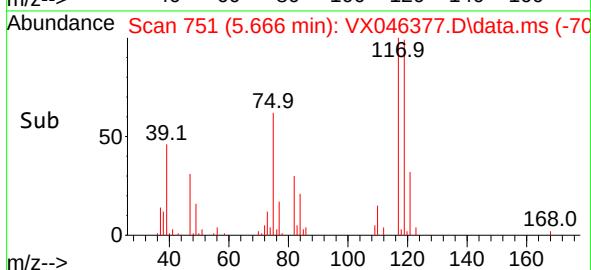
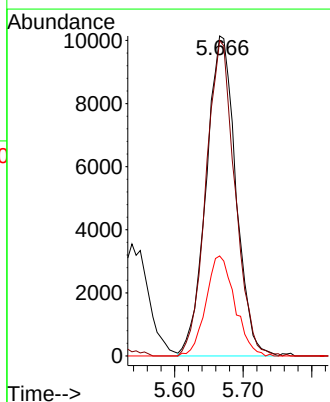
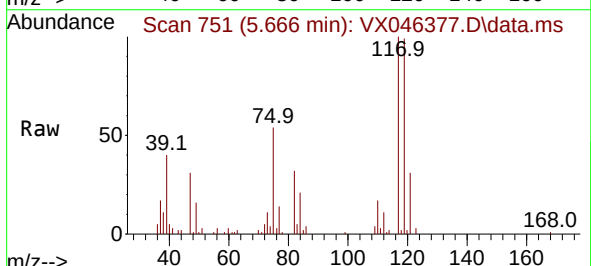
Manual Integrations
APPROVED

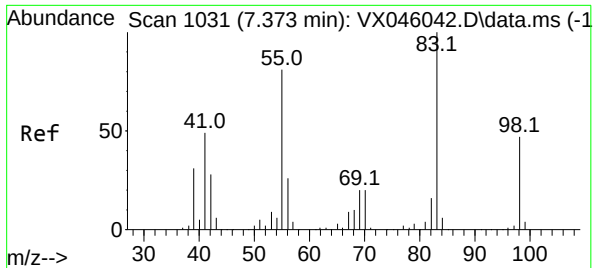
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#38
Carbon Tetrachloride
Concen: 19.213 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Tgt Ion:117 Resp: 30490
Ion Ratio Lower Upper
117 100
119 98.5 75.2 112.8
121 31.3 24.2 36.4





#39

Methylcyclohexane

Concen: 17.243 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX046377.D

Acq: 28 May 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

Tgt Ion: 83 Resp: 31354

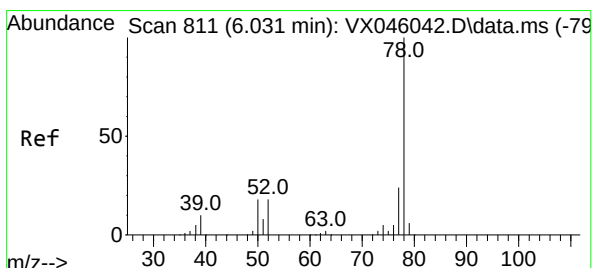
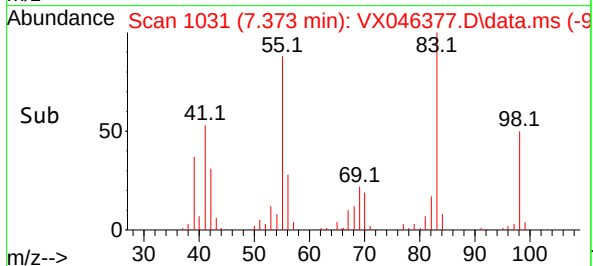
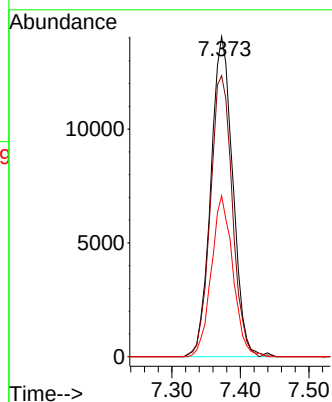
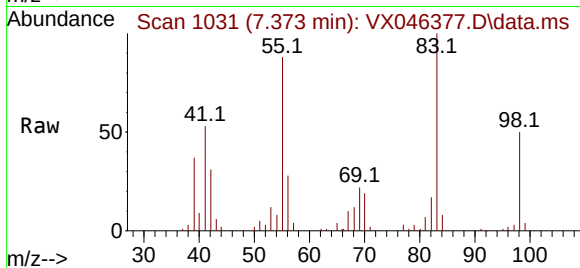
Ion	Ratio	Lower	Upper
83	100		
55	87.8	64.7	97.1
98	50.3	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#40

Benzene

Concen: 19.807 ug/l

RT: 6.031 min Scan# 811

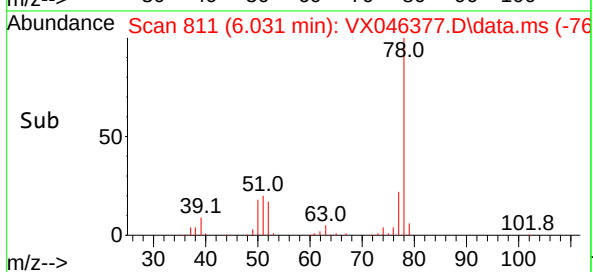
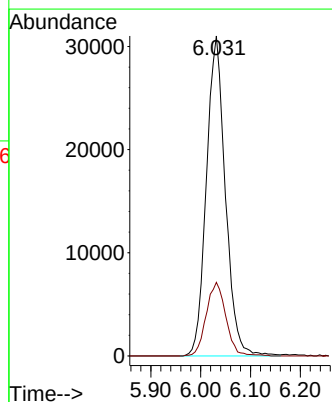
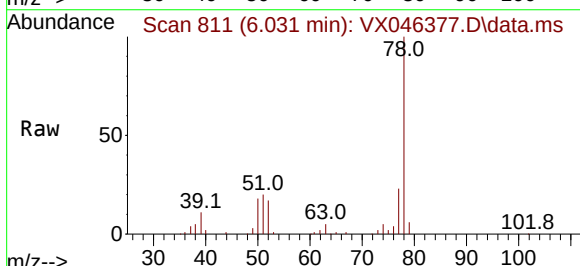
Delta R.T. 0.000 min

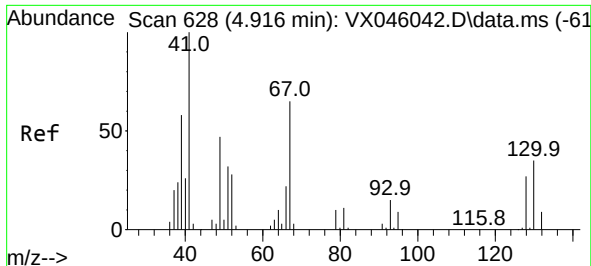
Lab File: VX046377.D

Acq: 28 May 2025 11:56

Tgt Ion: 78 Resp: 81945

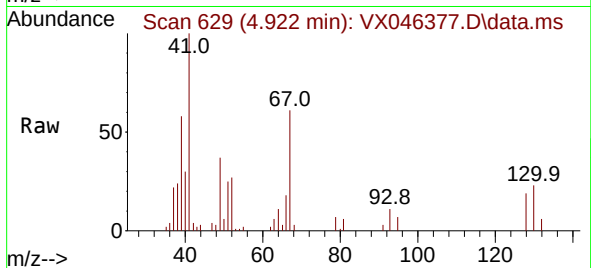
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





#41
Methacrylonitrile
Concen: 22.903 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

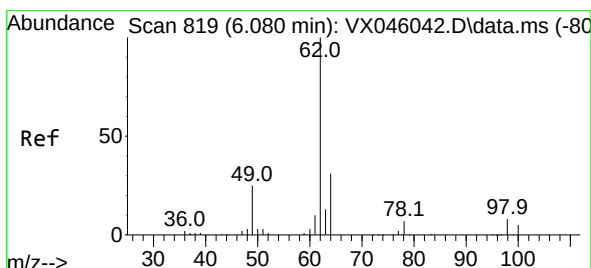
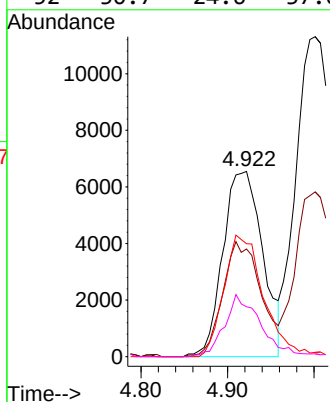
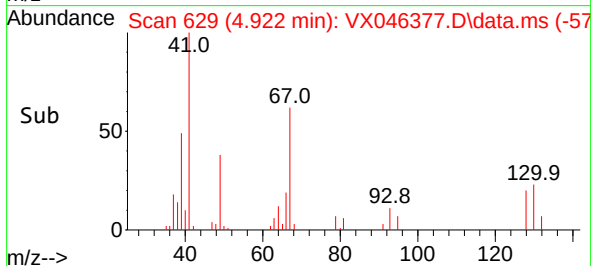
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion: 41 Resp: 2090
Ion Ratio Lower Upper
41 100
39 59.7 47.2 70.8
67 65.6 50.7 76.1
52 30.7 24.6 37.0

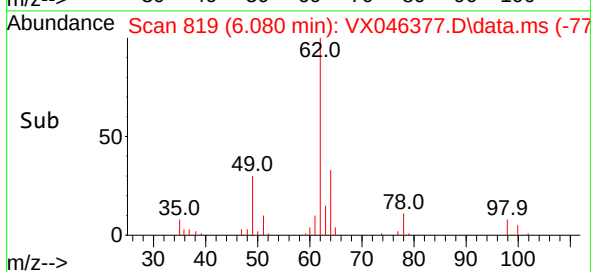
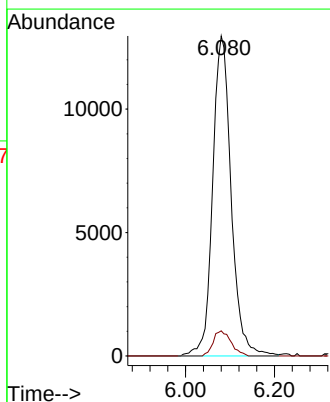
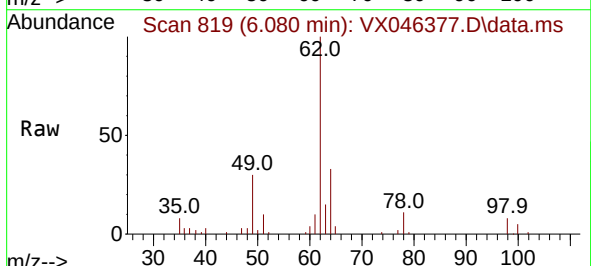
Manual Integrations
APPROVED

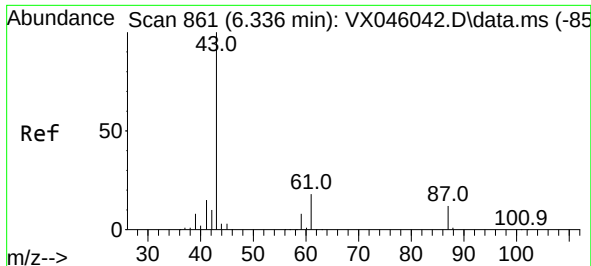
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 20.978 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Tgt Ion: 62 Resp: 37458
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43

Isopropyl Acetate

Concen: 20.907 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX046377.D

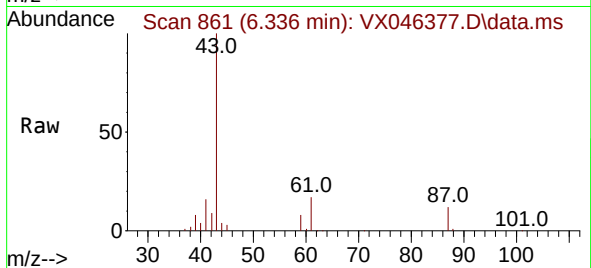
Acq: 28 May 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01



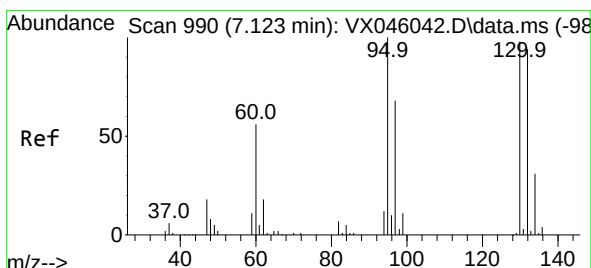
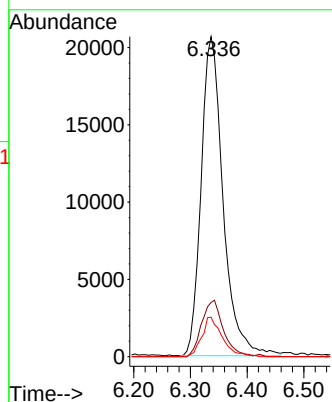
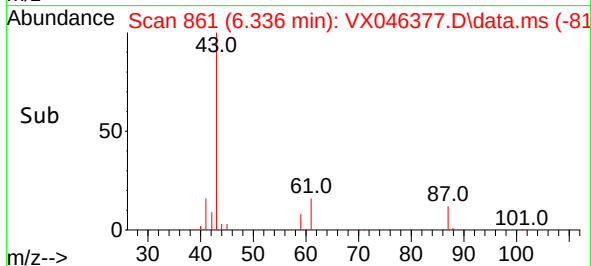
Tgt Ion: 43	Resp: 5565
Ion Ratio	Lower Upper
43	100
61	17.4 14.3 21.5
87	11.5 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#44

Trichloroethene

Concen: 19.203 ug/l

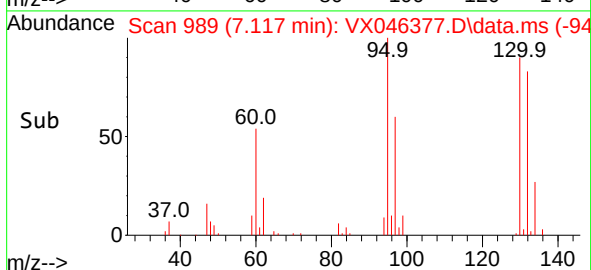
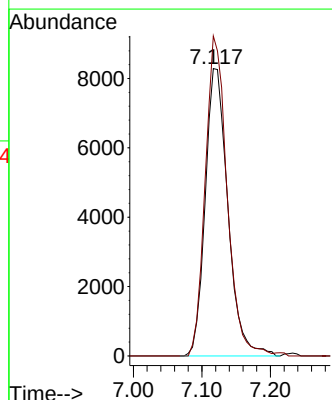
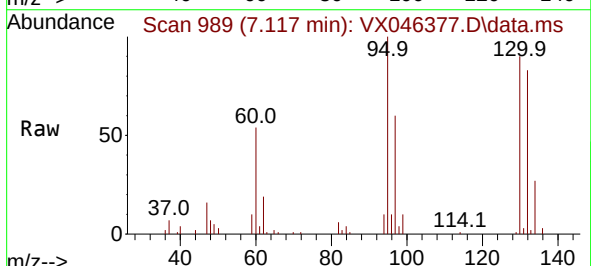
RT: 7.117 min Scan# 989

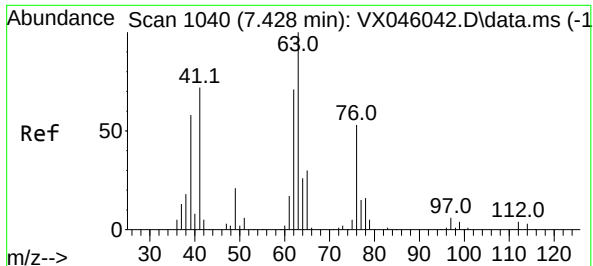
Delta R.T. -0.006 min

Lab File: VX046377.D

Acq: 28 May 2025 11:56

Tgt Ion:130	Resp: 19121
Ion Ratio	Lower Upper
130	100
95	111.4 0.0 204.2





#45

1,2-Dichloropropane

Concen: 20.706 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX046377.D

Acq: 28 May 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

Tgt Ion: 63 Resp: 2130

Ion Ratio Lower Upper

63 100

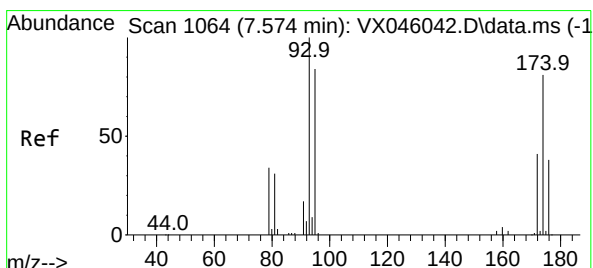
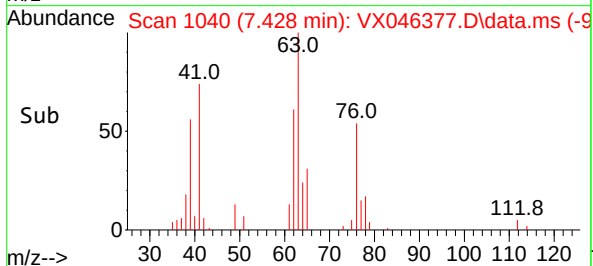
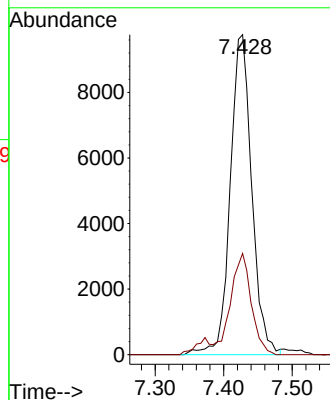
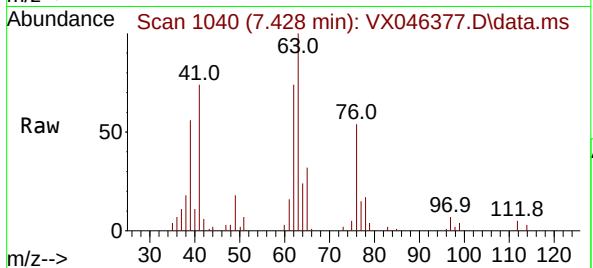
65 31.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 20.813 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046377.D

Acq: 28 May 2025 11:56

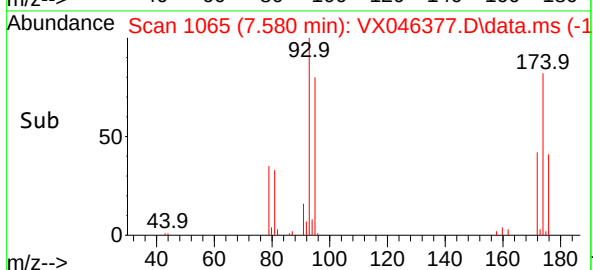
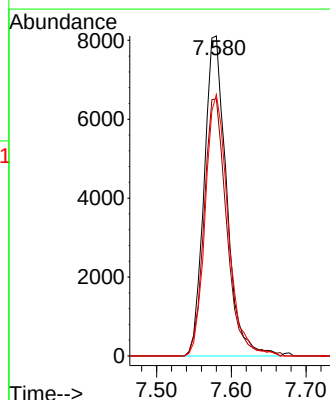
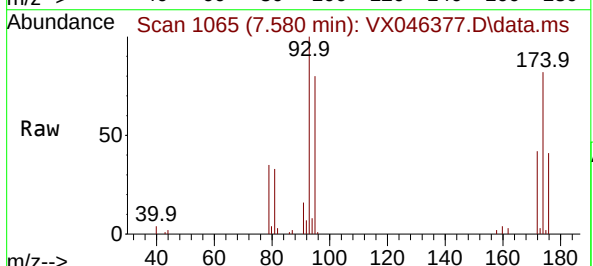
Tgt Ion: 93 Resp: 16887

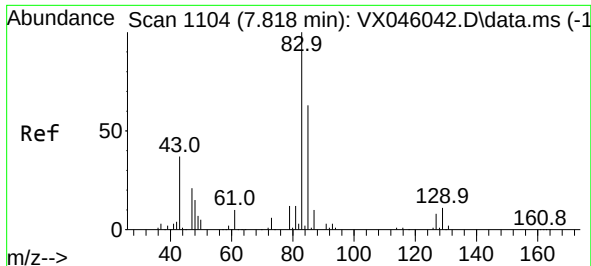
Ion Ratio Lower Upper

93 100

95 81.6 65.6 98.4

174 83.5 68.2 102.2





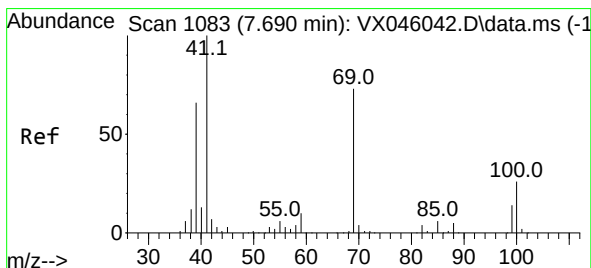
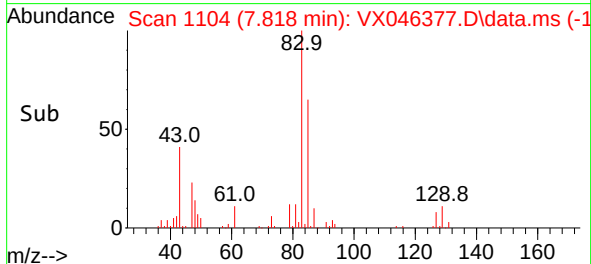
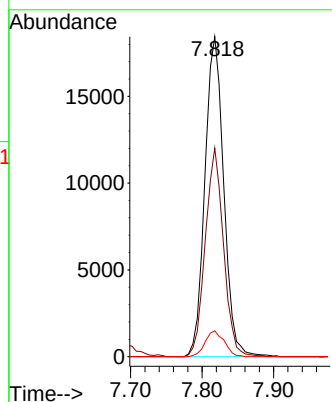
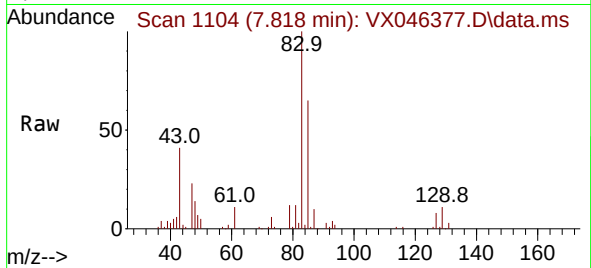
#47
Bromodichloromethane
Concen: 21.097 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tgt Ion: 83 Resp: 3371
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7
127 8.1 6.5 9.7

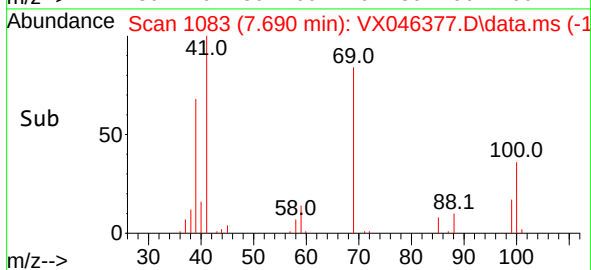
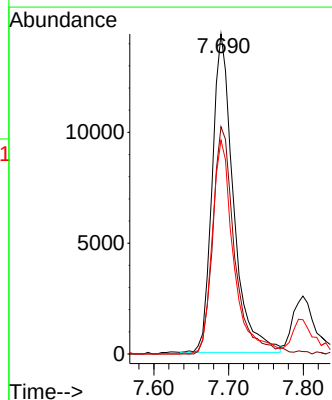
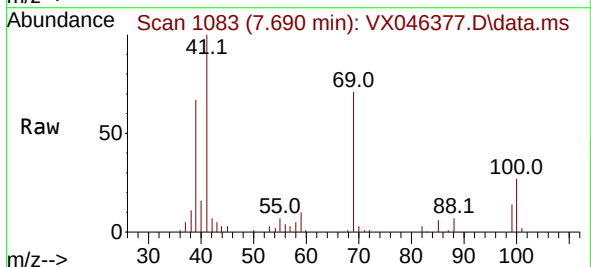
Manual Integrations
APPROVED

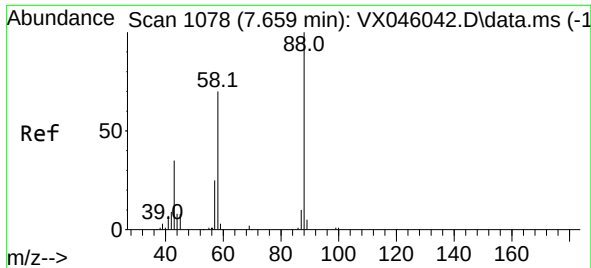
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#48
Methyl methacrylate
Concen: 20.869 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Tgt Ion: 41 Resp: 28374
Ion Ratio Lower Upper
41 100
69 73.1 58.5 87.7
39 68.0 51.7 77.5





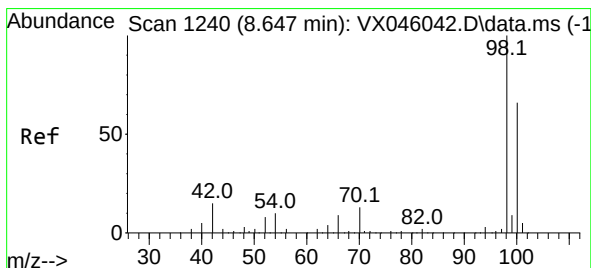
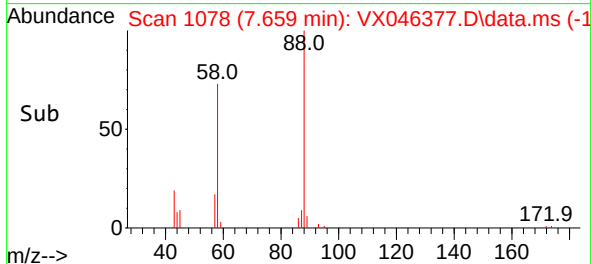
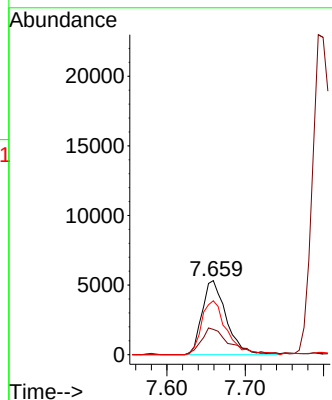
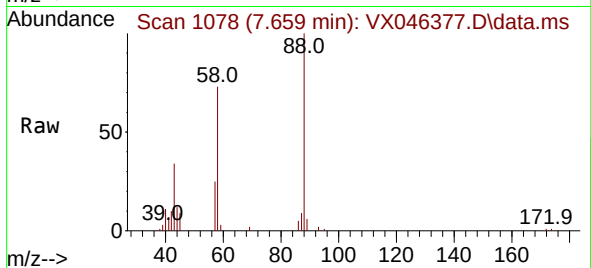
#49
1,4-Dioxane
Concen: 445.011 ug/l
RT: 7.659 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tgt Ion: 88 Resp: 1148
Ion Ratio Lower Upper
88 100
43 40.9 33.4 50.2
58 73.1 58.6 88.0

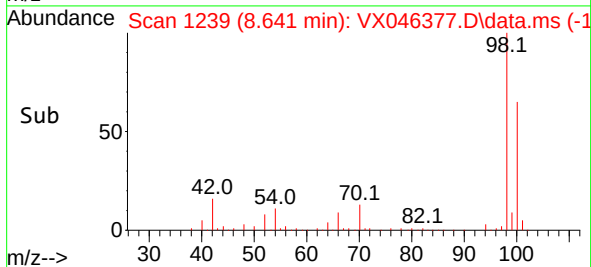
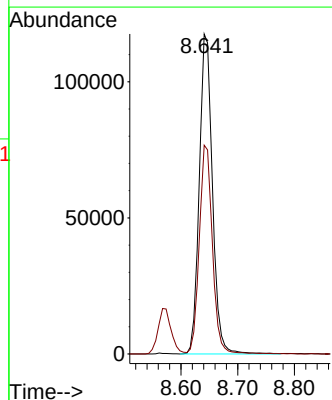
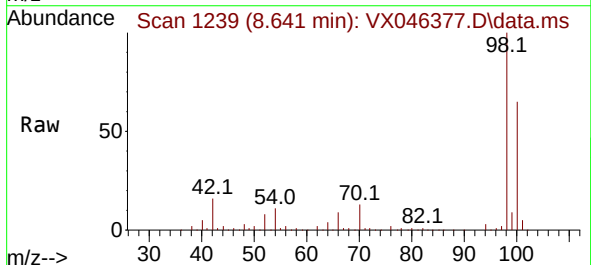
Manual Integrations
APPROVED

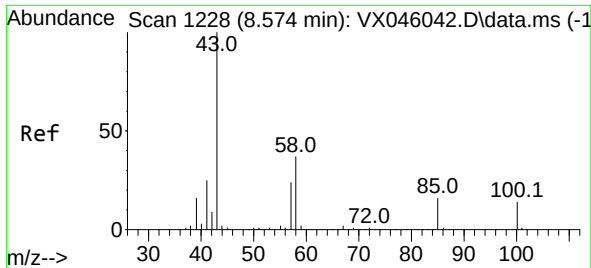
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#50
Toluene-d8
Concen: 52.092 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Tgt Ion: 98 Resp: 189534
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3





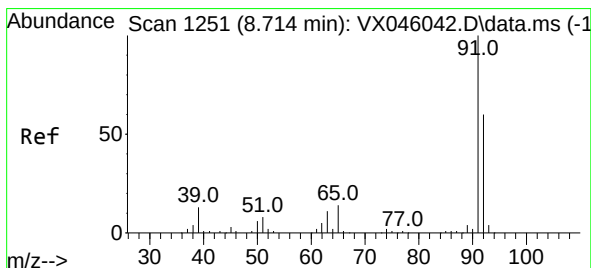
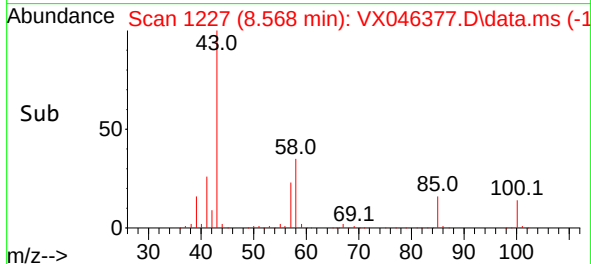
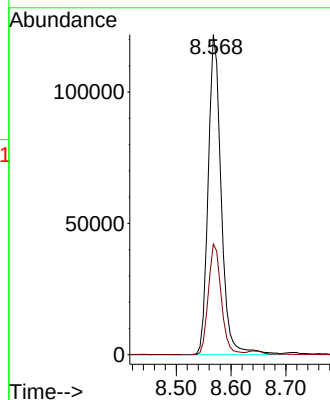
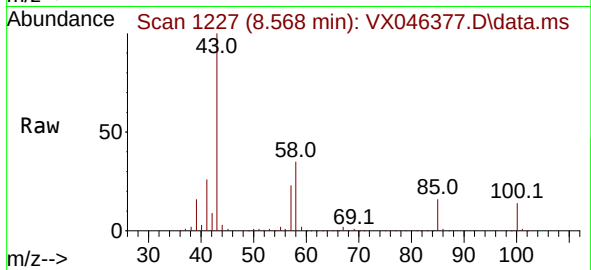
#51
4-Methyl-2-Pentanone
Concen: 113.423 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tgt Ion: 43 Resp: 20043
Ion Ratio Lower Upper
43 100
58 34.4 28.9 43.3

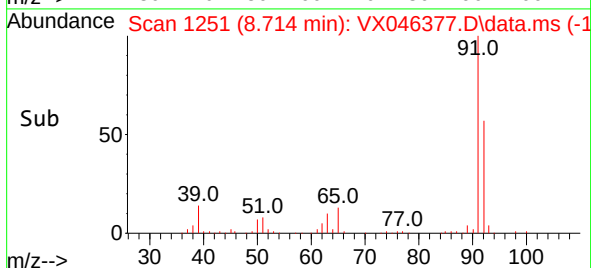
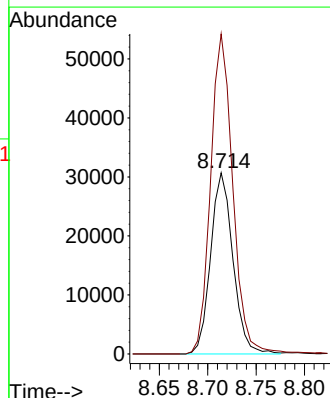
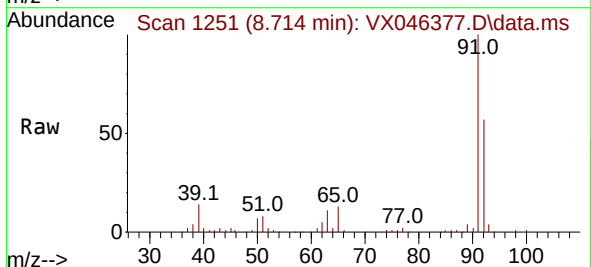
Manual Integrations
APPROVED

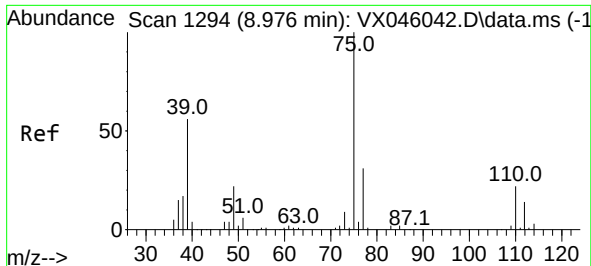
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#52
Toluene
Concen: 19.457 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Tgt Ion: 92 Resp: 49358
Ion Ratio Lower Upper
92 100
91 176.3 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.606 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046377.D

Acq: 28 May 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

Tgt Ion: 75 Resp: 27849

Ion Ratio Lower Upper

75 100

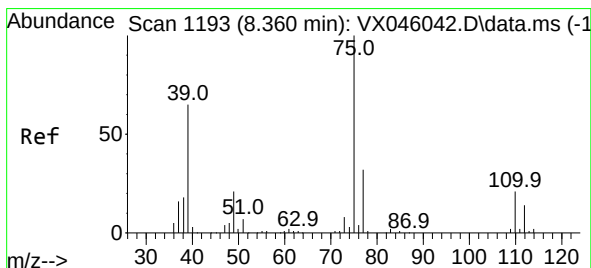
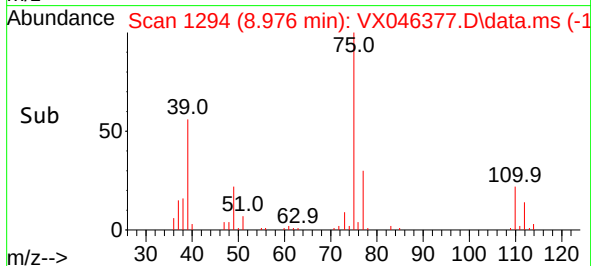
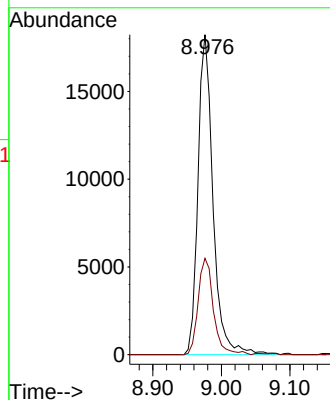
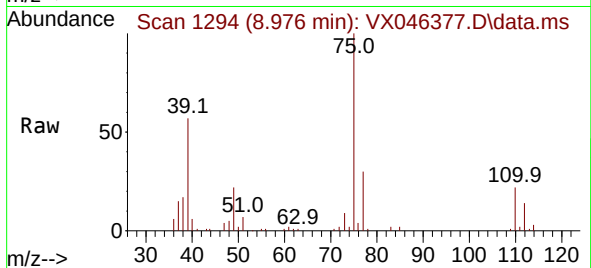
77 30.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#54

cis-1,3-Dichloropropene

Concen: 19.744 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX046377.D

Acq: 28 May 2025 11:56

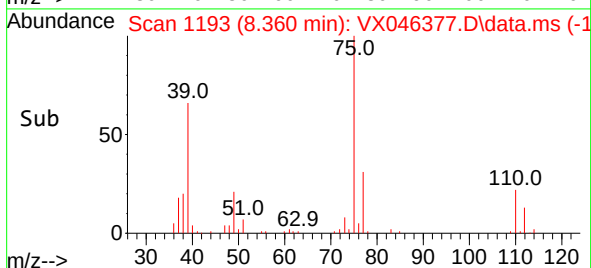
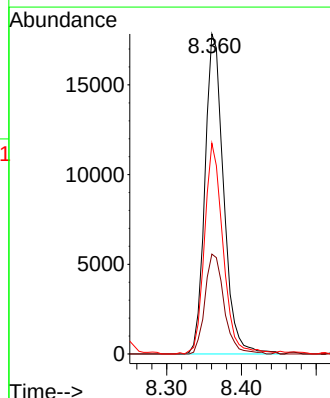
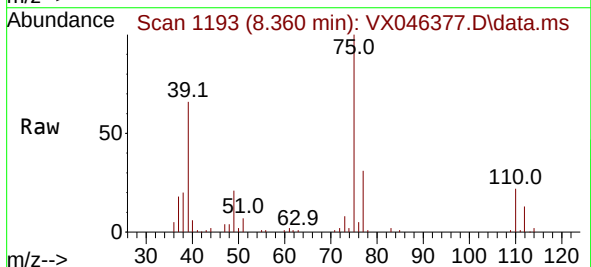
Tgt Ion: 75 Resp: 30996

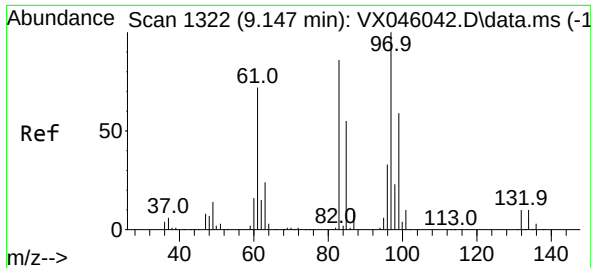
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 65.4 52.2 78.4





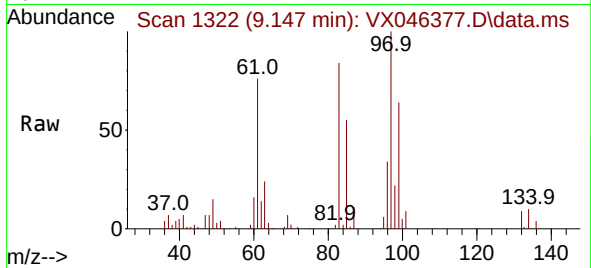
#55
1,1,2-Trichloroethane
Concen: 21.559 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01



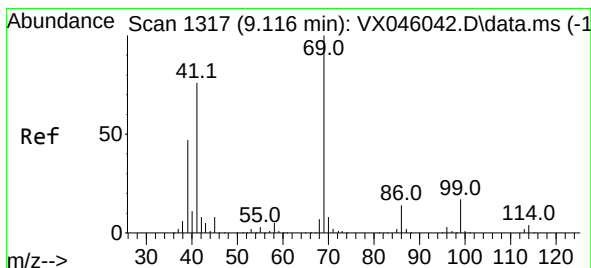
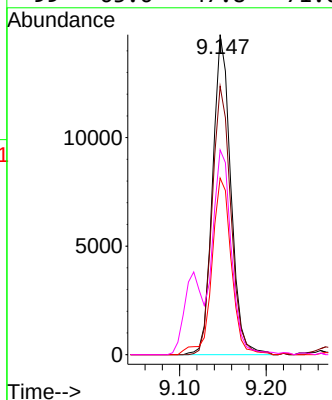
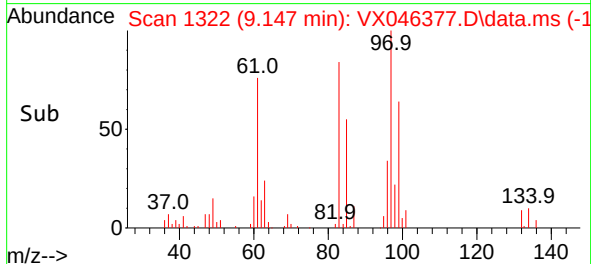
Tgt Ion: 97 Resp: 2156
Ion Ratio Lower Upper
97 100
83 83.9 69.0 103.6
85 55.2 44.3 66.5
99 63.6 47.8 71.6

Manual Integrations

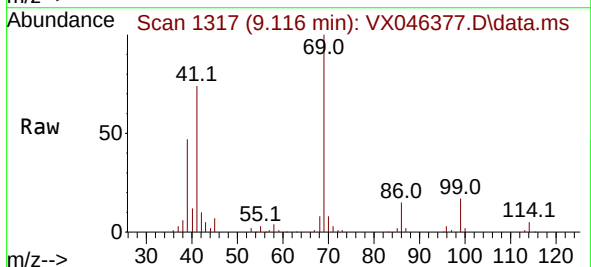
APPROVED

Reviewed By :John Carlone 05/29/2025

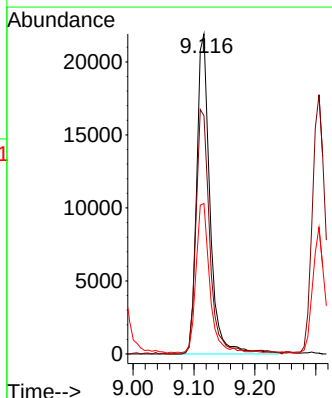
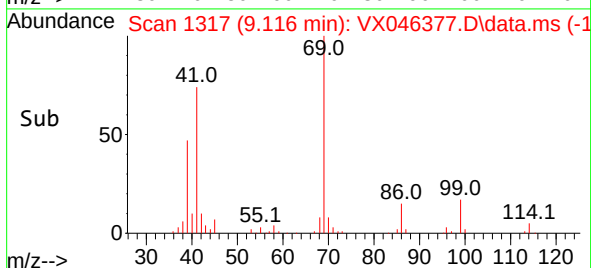
Supervised By :Mahesh Dadoda 05/29/2025

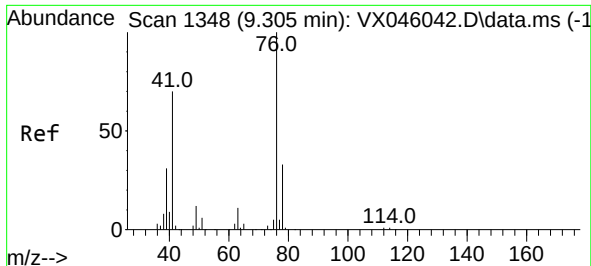


#56
Ethyl methacrylate
Concen: 20.878 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56



Tgt Ion: 69 Resp: 33284
Ion Ratio Lower Upper
69 100
41 78.6 60.8 91.2
39 47.6 39.0 58.6





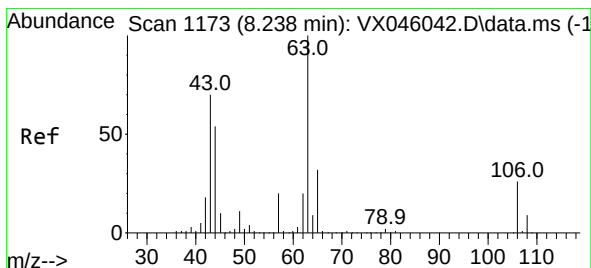
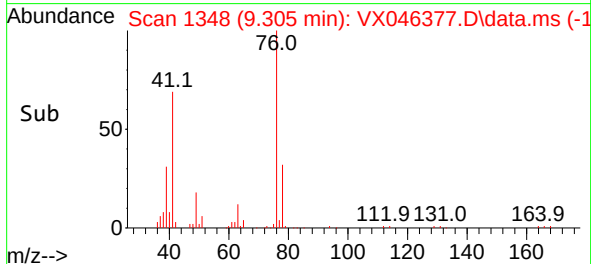
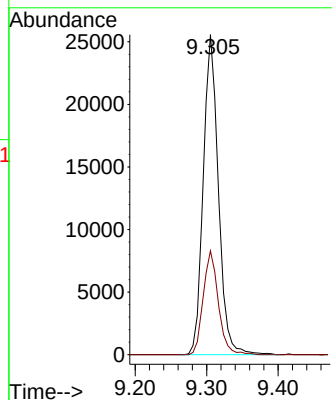
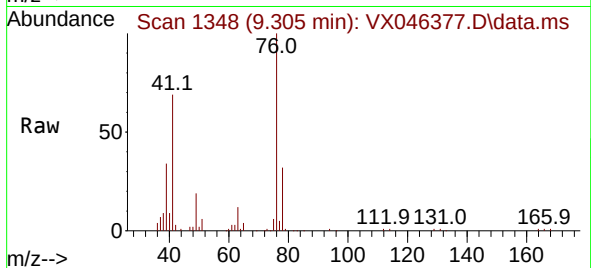
#57
1,3-Dichloropropane
Concen: 20.931 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tgt Ion: 76 Resp: 37600
Ion Ratio Lower Upper
76 100
78 32.4 26.3 39.5

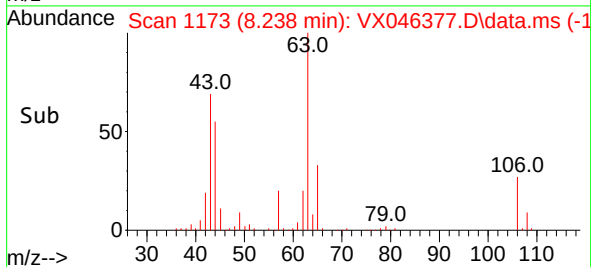
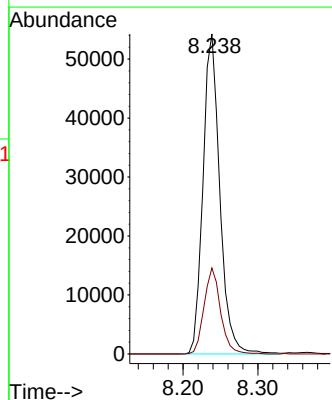
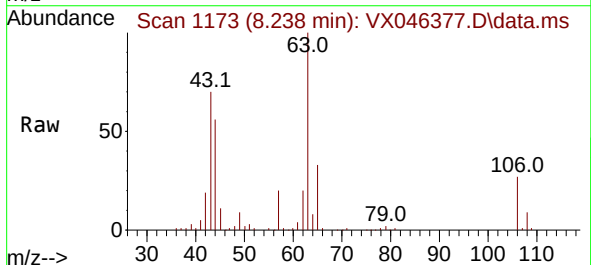
Manual Integrations
APPROVED

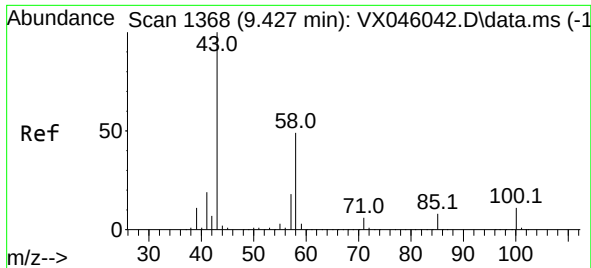
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 104.370 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

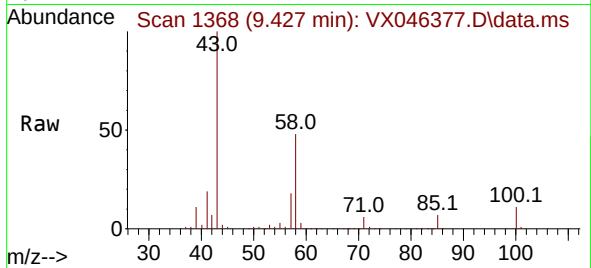
Tgt Ion: 63 Resp: 84828
Ion Ratio Lower Upper
63 100
106 26.3 21.5 32.3





#59
2-Hexanone
Concen: 112.897 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

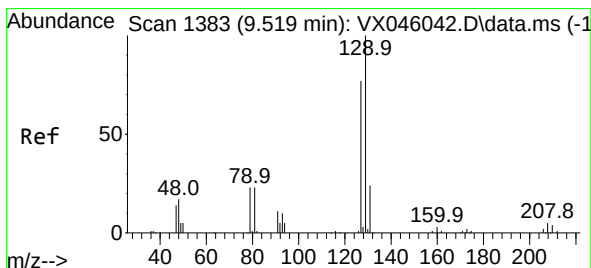
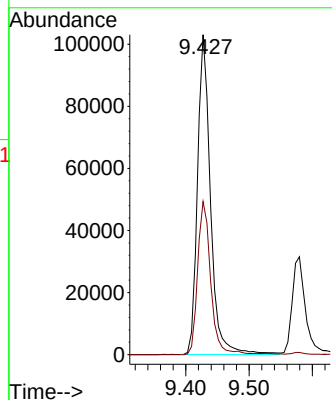
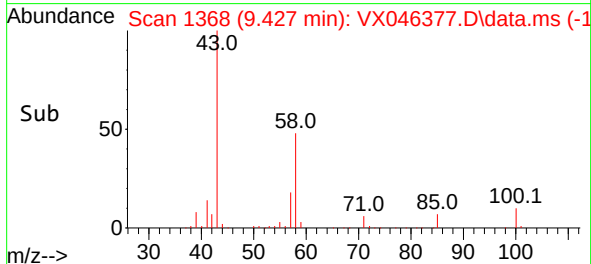
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion: 43 Resp: 147599
Ion Ratio Lower Upper
43 100
58 48.0 24.9 74.6

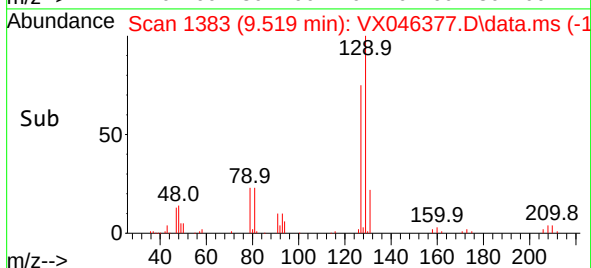
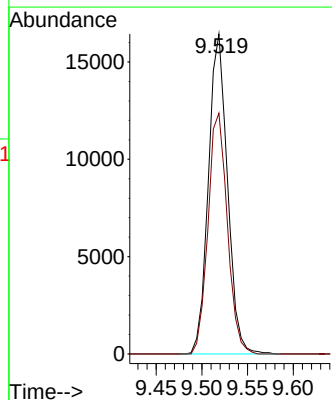
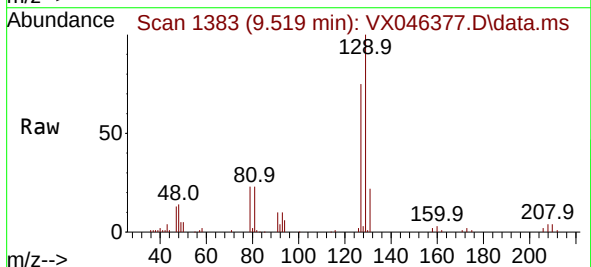
Manual Integrations
APPROVED

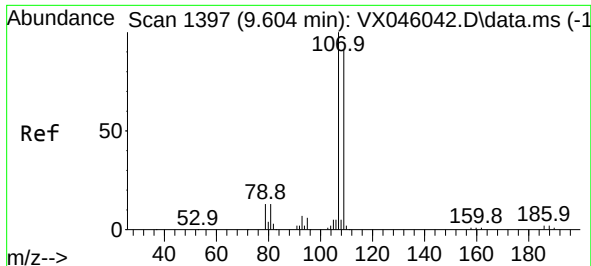
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 21.638 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

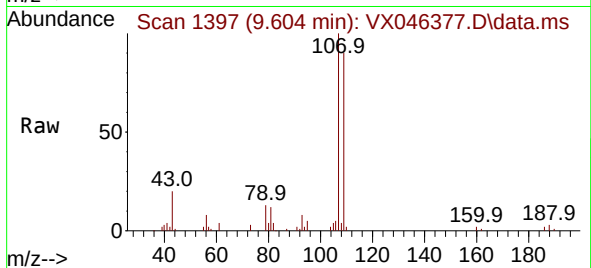
Tgt Ion:129 Resp: 23770
Ion Ratio Lower Upper
129 100
127 76.4 39.3 117.8





#61
1,2-Dibromoethane
Concen: 20.741 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

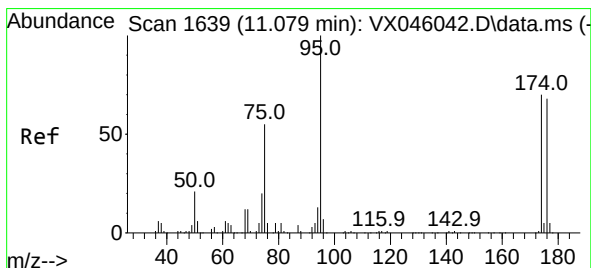
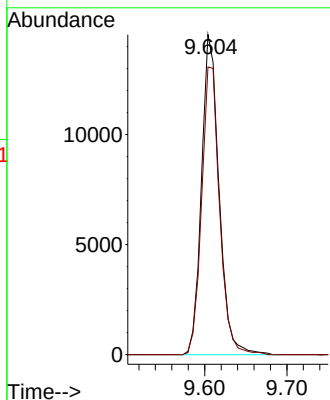
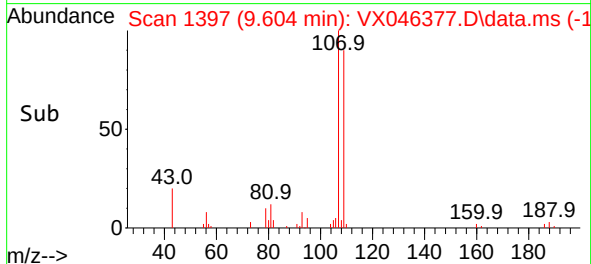
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



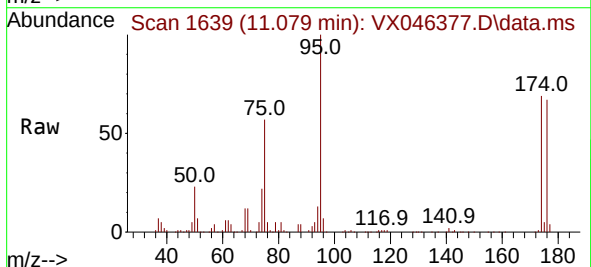
Tgt Ion:107 Resp: 2156
Ion Ratio Lower Upper
107 100
109 92.2 73.3 109.9

Manual Integrations
APPROVED

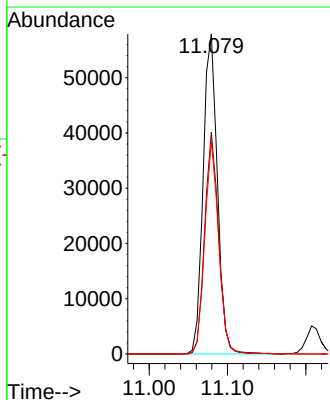
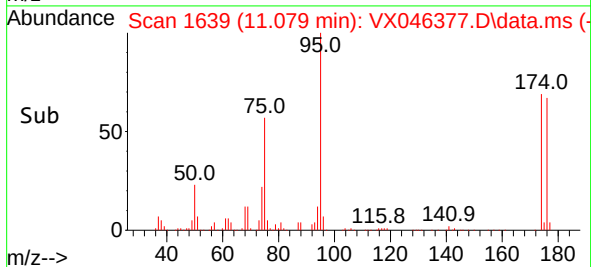
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

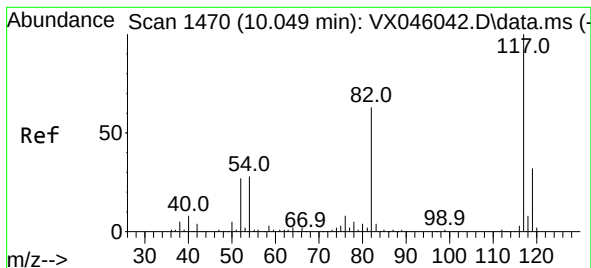


#62
4-Bromofluorobenzene
Concen: 52.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56



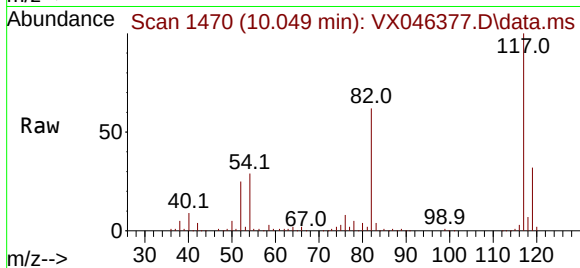
Tgt Ion: 95 Resp: 73315
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

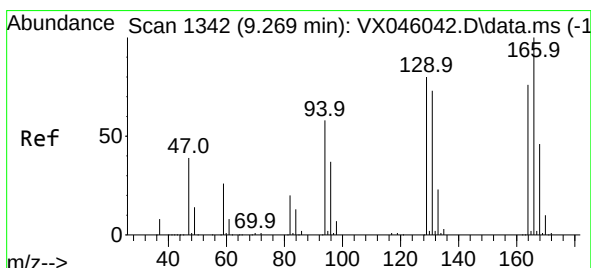
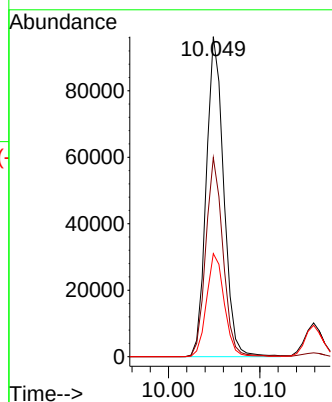
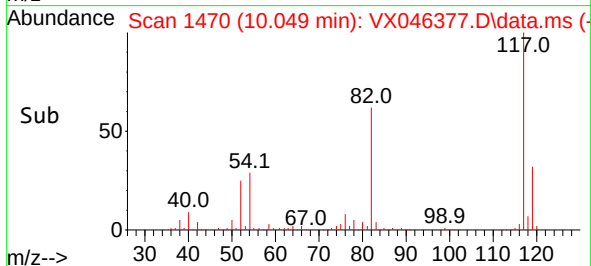
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion:117 Resp: 12735
Ion Ratio Lower Upper
117 100
82 62.2 50.6 76.0
119 32.2 25.8 38.6

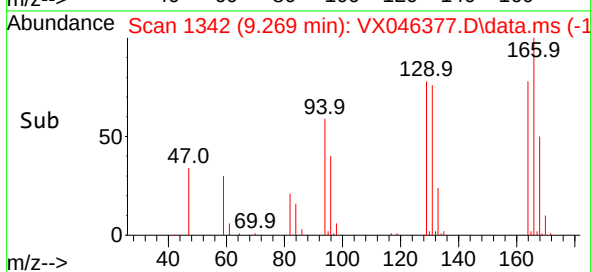
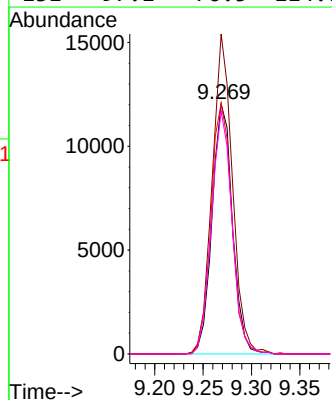
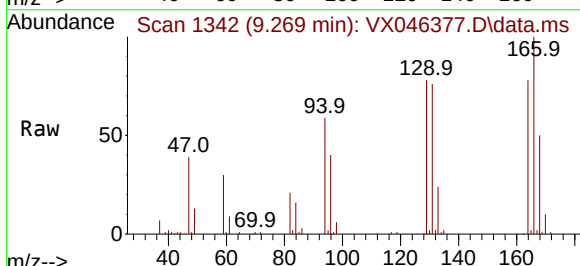
Manual Integrations
APPROVED

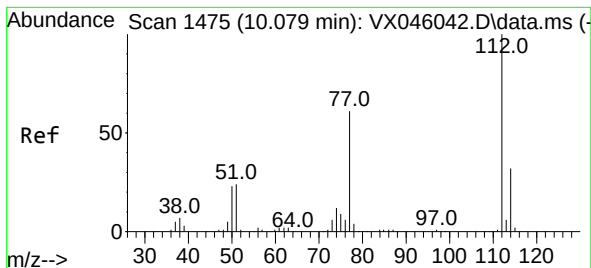
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 19.606 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Tgt Ion:164 Resp: 17666
Ion Ratio Lower Upper
164 100
166 128.0 105.0 157.6
129 100.3 83.5 125.3
131 97.1 76.5 114.7





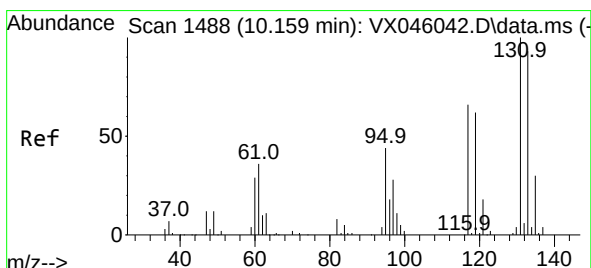
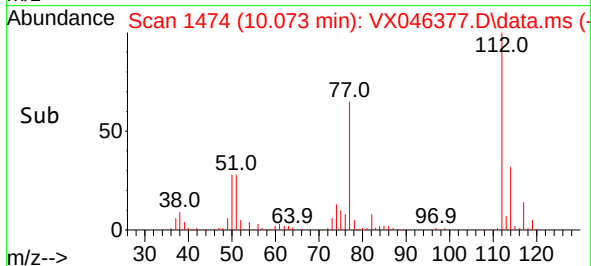
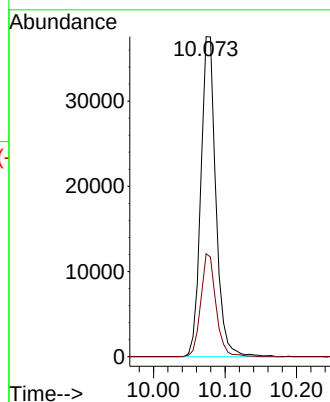
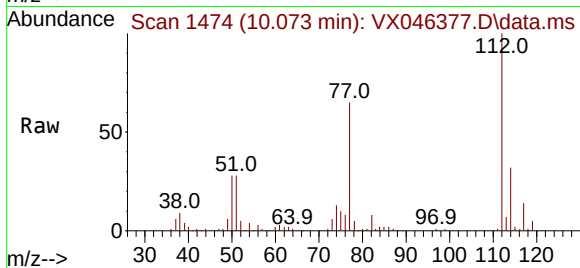
#65
Chlorobenzene
Concen: 19.708 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tgt Ion:112 Resp: 5493
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

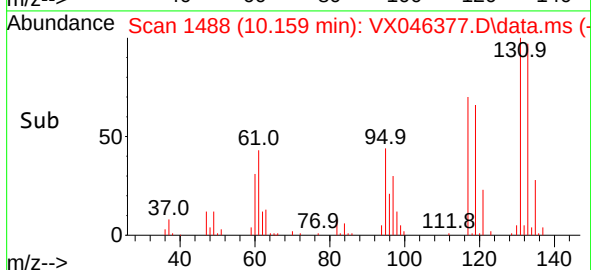
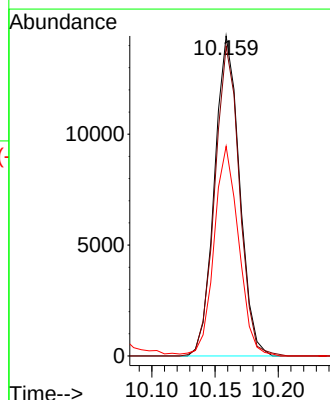
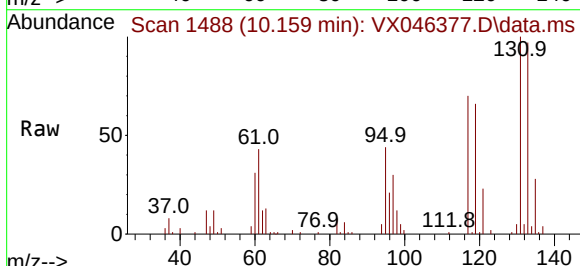
Manual Integrations
APPROVED

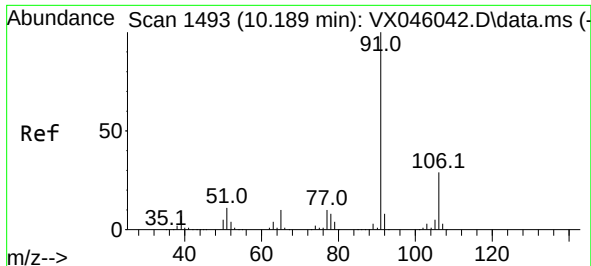
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.794 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

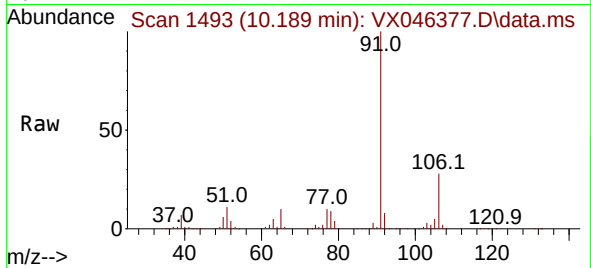
Tgt Ion:131 Resp: 19792
Ion Ratio Lower Upper
131 100
133 95.7 47.3 141.9
119 64.4 31.6 95.0





#67
Ethyl Benzene
Concen: 20.181 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

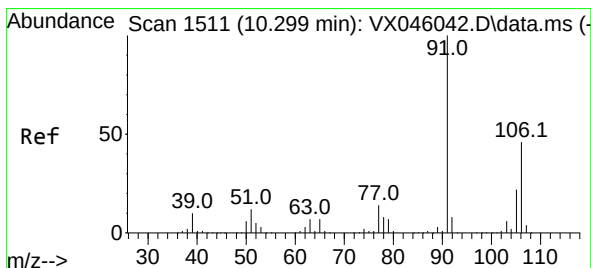
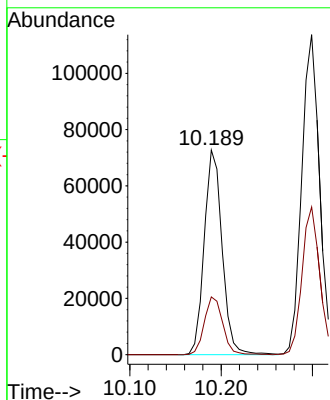
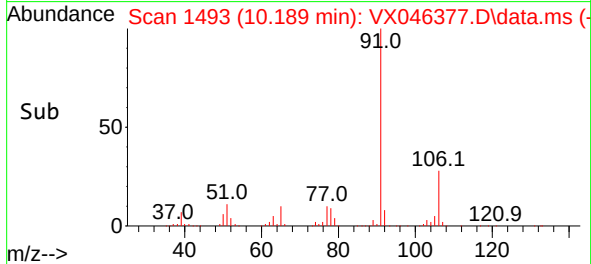
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion: 91 Resp: 99158
Ion Ratio Lower Upper
91 100
106 28.2 23.4 35.2

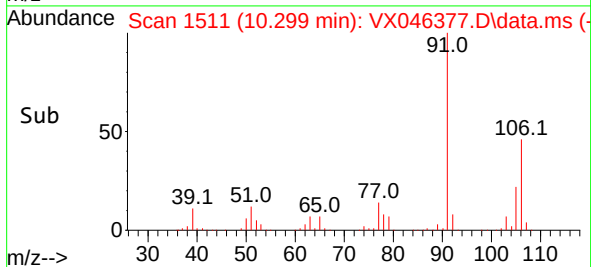
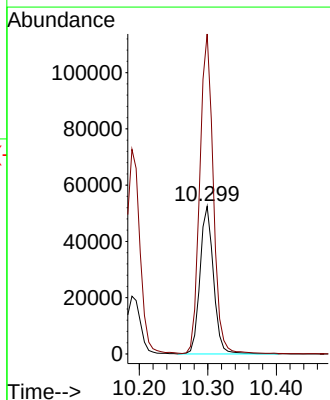
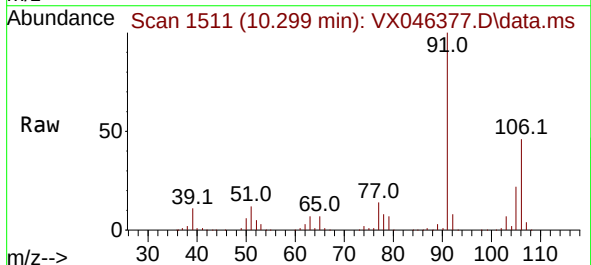
Manual Integrations
APPROVED

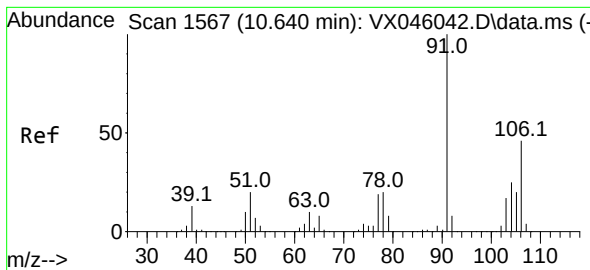
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#68
m/p-Xylenes
Concen: 40.094 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Tgt Ion:106 Resp: 72052
Ion Ratio Lower Upper
106 100
91 216.8 171.2 256.8





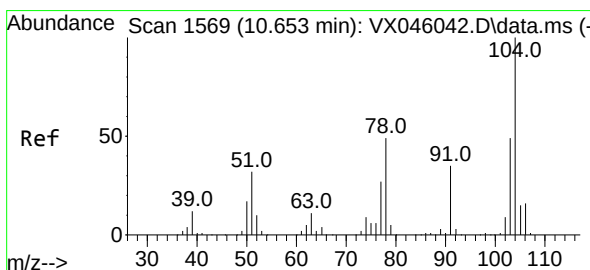
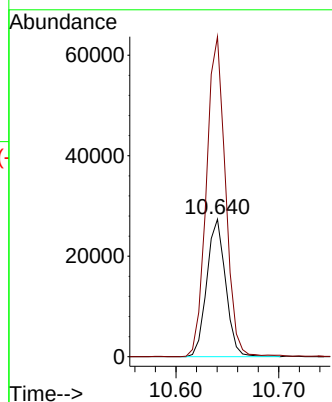
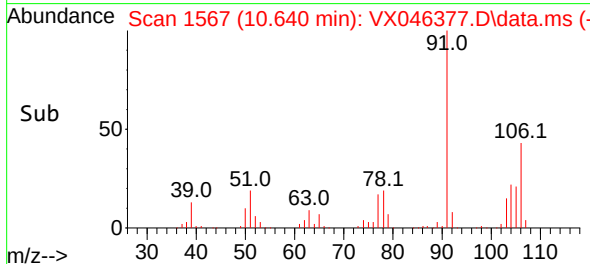
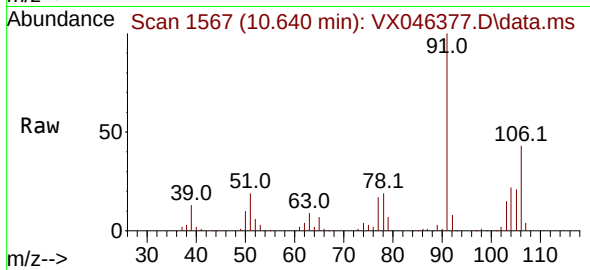
#69
o-Xylene
Concen: 19.929 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tgt Ion:106 Resp: 34914
Ion Ratio Lower Upper
106 100
91 235.9 112.7 338.1

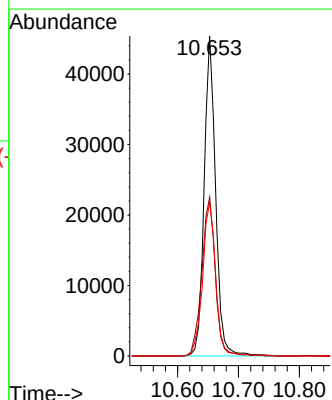
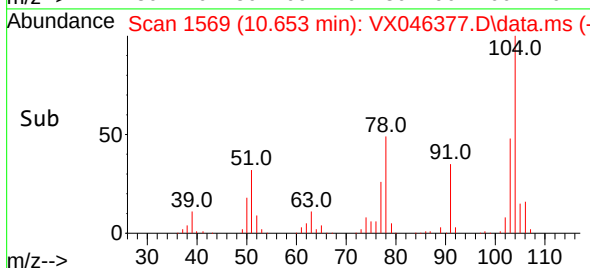
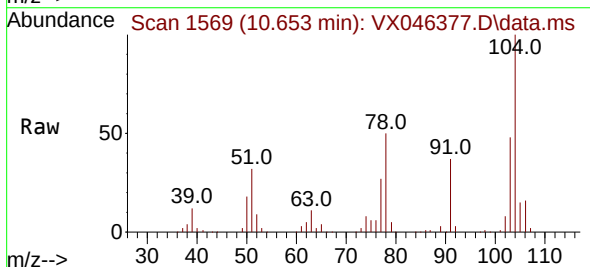
Manual Integrations
APPROVED

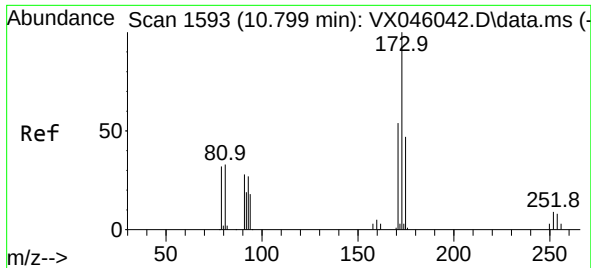
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 20.761 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

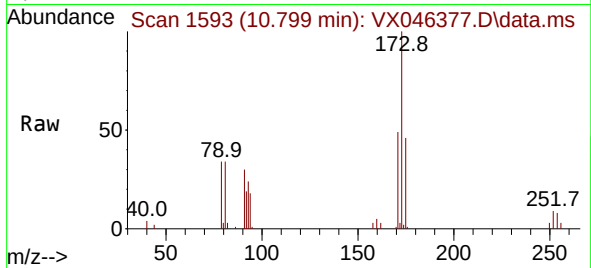
Tgt Ion:104 Resp: 59582
Ion Ratio Lower Upper
104 100
78 58.1 45.7 68.5
103 55.0 43.7 65.5





#71
Bromoform
Concen: 20.389 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

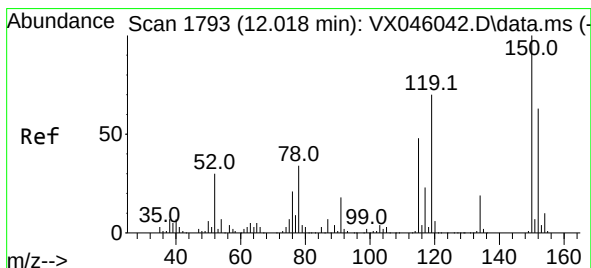
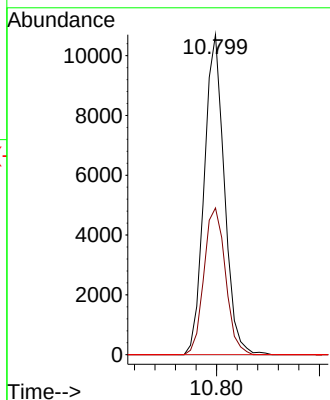
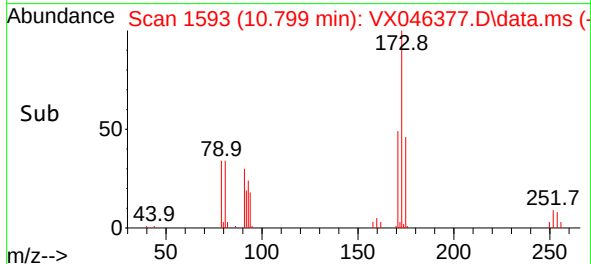
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion:173 Resp: 14570
Ion Ratio Lower Upper
173 100
175 49.1 23.4 70.0
254 0.0 0.0 0.0

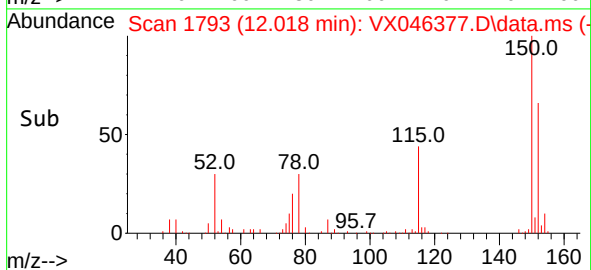
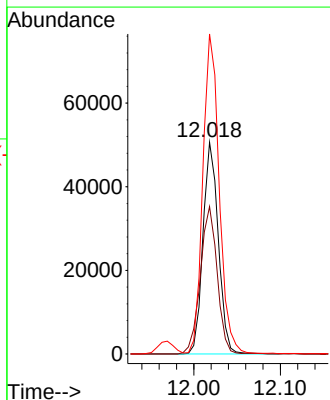
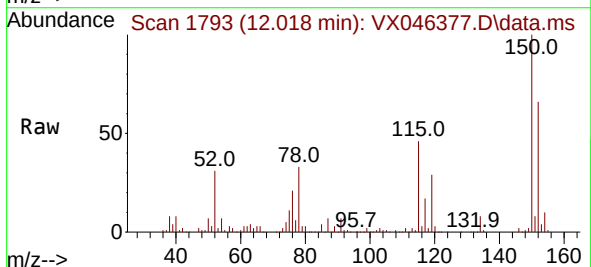
Manual Integrations
APPROVED

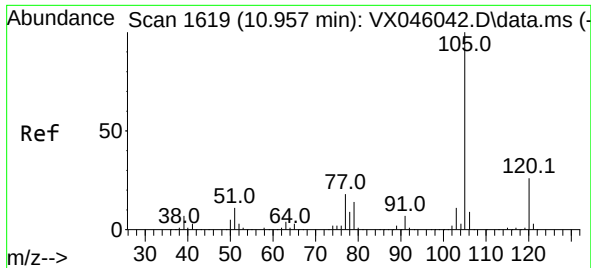
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

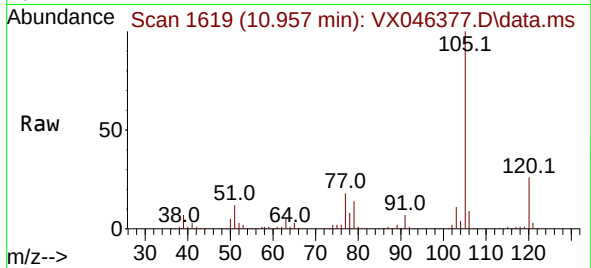
Tgt Ion:152 Resp: 62238
Ion Ratio Lower Upper
152 100
115 76.6 46.9 140.7
150 160.9 0.0 351.0





#73
Isopropylbenzene
Concen: 19.580 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

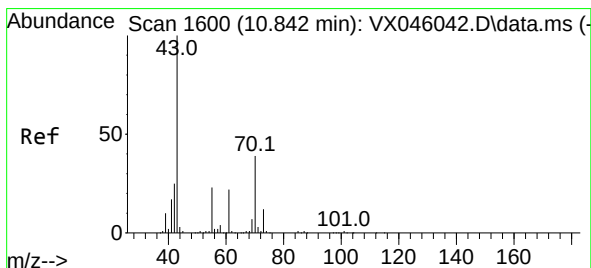
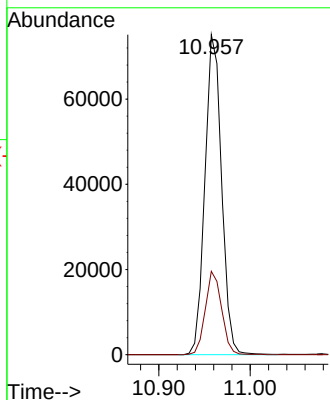
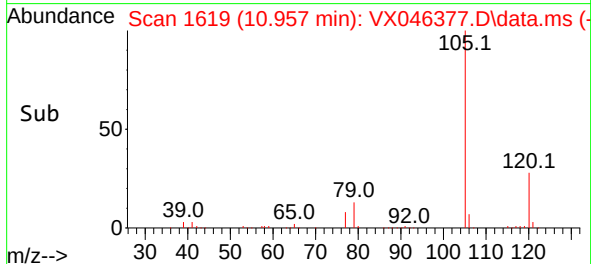
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion:105 Resp: 94872
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

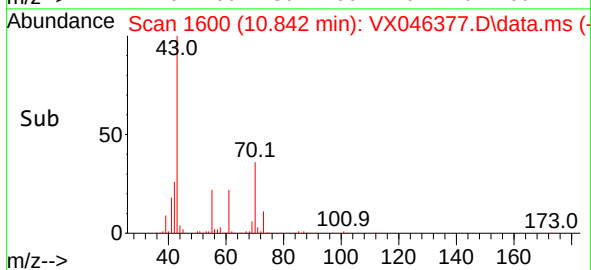
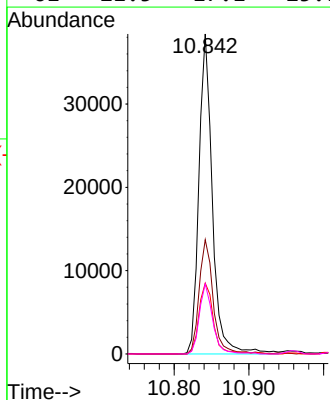
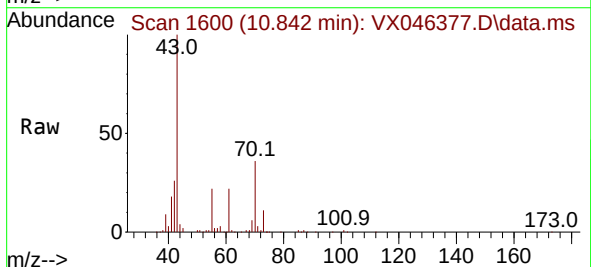
Manual Integrations
APPROVED

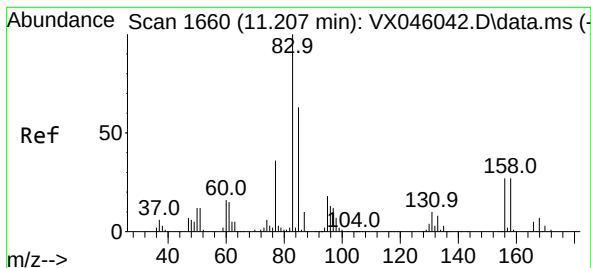
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#74
N-ethyl acetate
Concen: 20.081 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

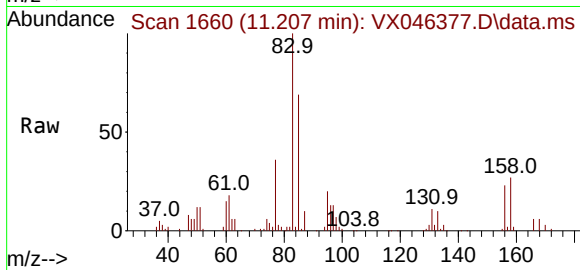
Tgt Ion: 43 Resp: 48080
Ion Ratio Lower Upper
43 100
70 37.4 30.9 46.3
55 23.6 18.7 28.1
61 21.5 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.476 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

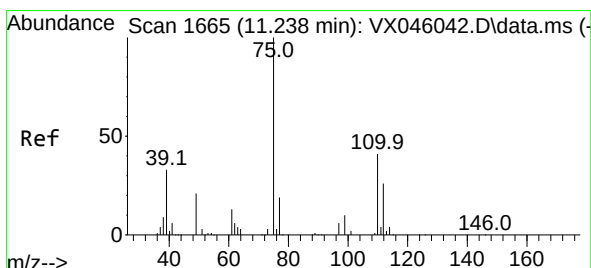
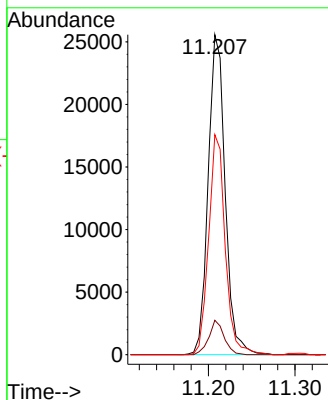
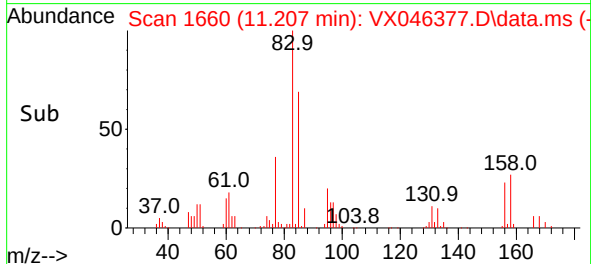
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion: 83 Resp: 34768
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 67.1 31.9 95.7

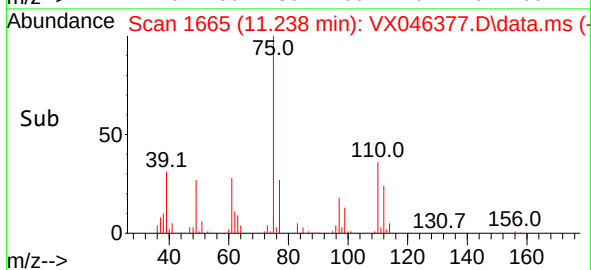
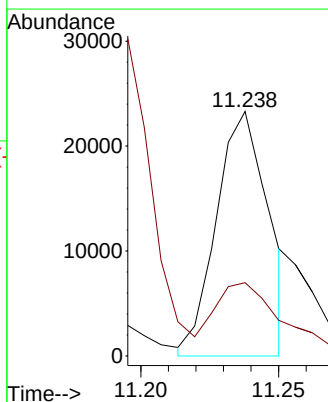
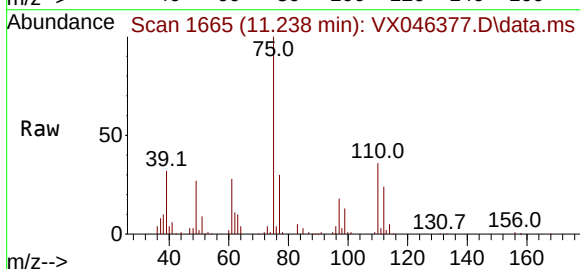
Manual Integrations
APPROVED

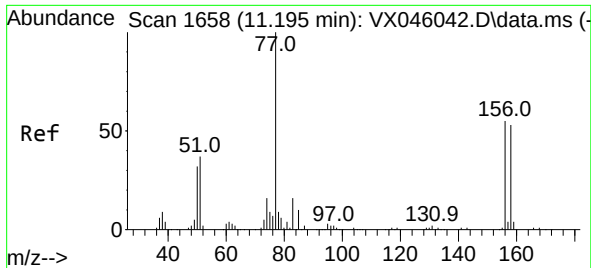
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#76
1,2,3-Trichloropropane
Concen: 20.346 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

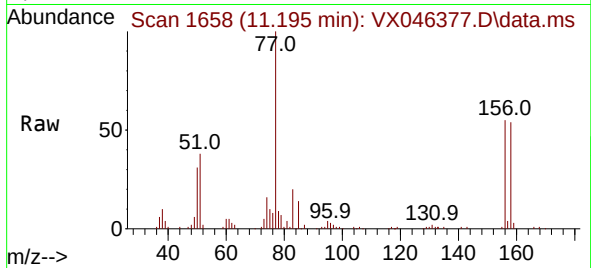
Tgt Ion: 75 Resp: 30480
Ion Ratio Lower Upper
75 100
77 39.6 20.5 61.5





#77
Bromobenzene
Concen: 19.102 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

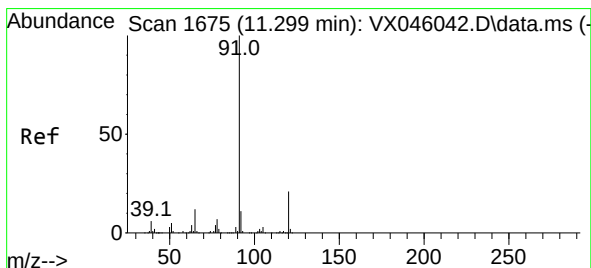
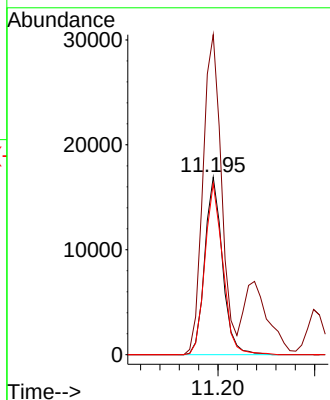
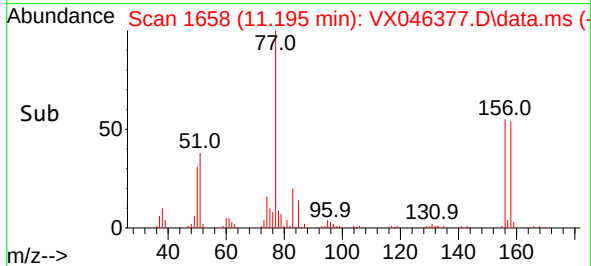
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



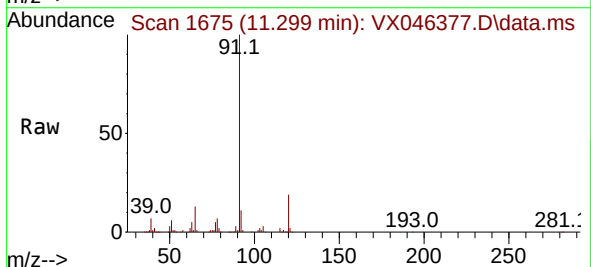
Tgt Ion:156 Resp: 21488
Ion Ratio Lower Upper
156 100
77 189.5 92.8 278.3
158 97.8 48.8 146.3

Manual Integrations
APPROVED

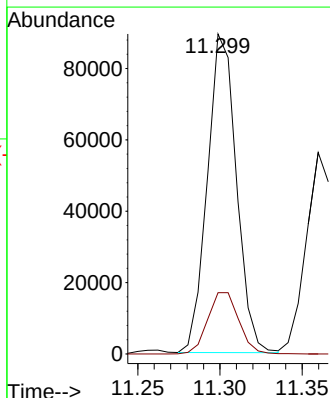
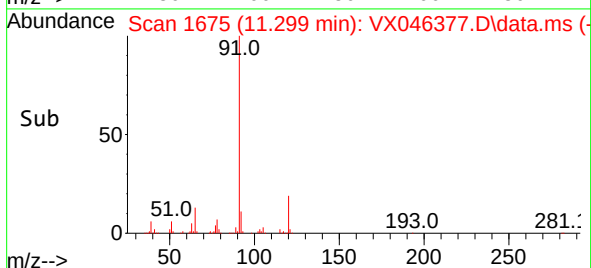
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

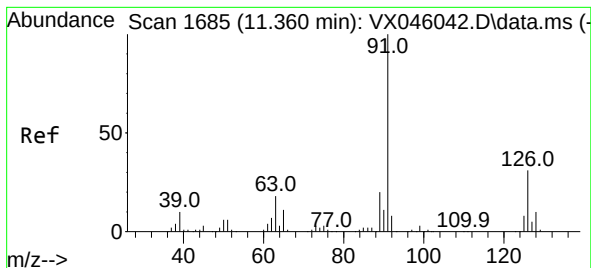


#78
n-propylbenzene
Concen: 19.516 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56



Tgt Ion: 91 Resp: 109951
Ion Ratio Lower Upper
91 100
120 20.6 10.8 32.4





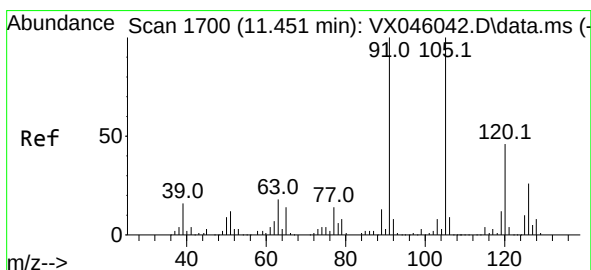
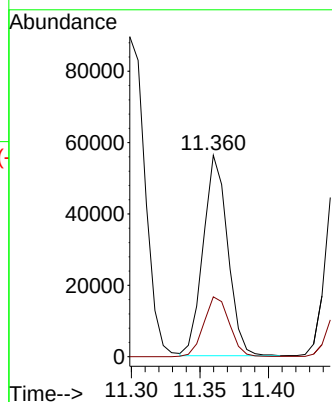
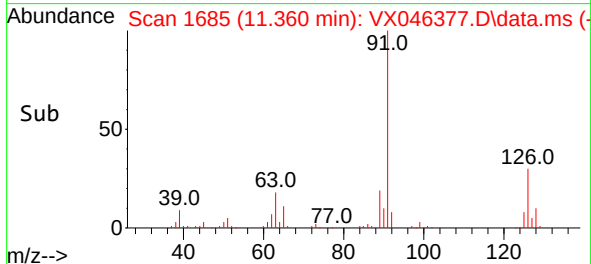
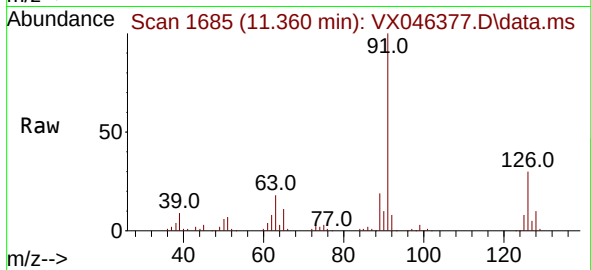
#79
2-Chlorotoluene
Concen: 19.289 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tgt Ion: 91 Resp: 70090
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.7

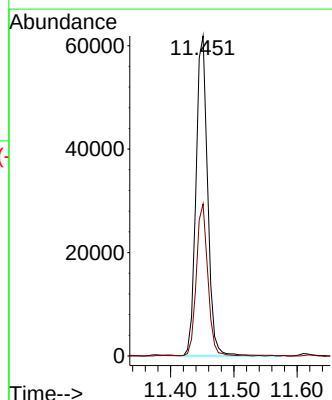
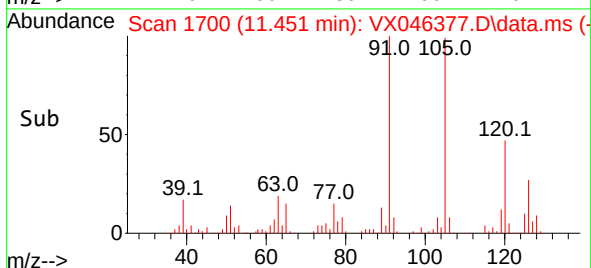
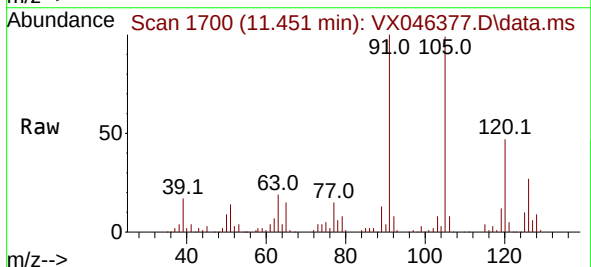
Manual Integrations
APPROVED

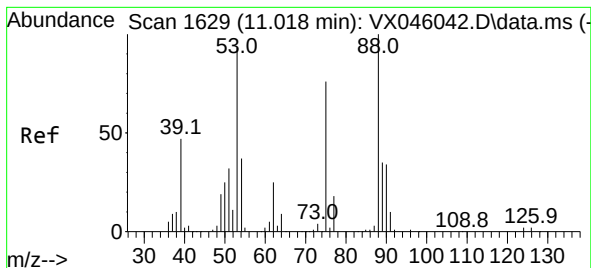
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.637 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

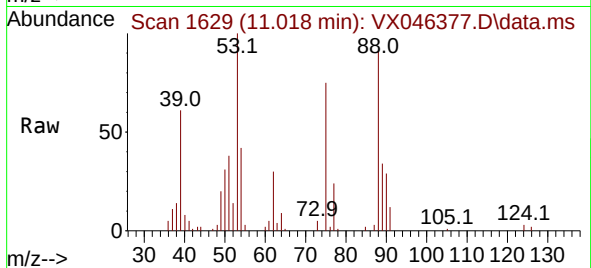
Tgt Ion:105 Resp: 79490
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.207 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

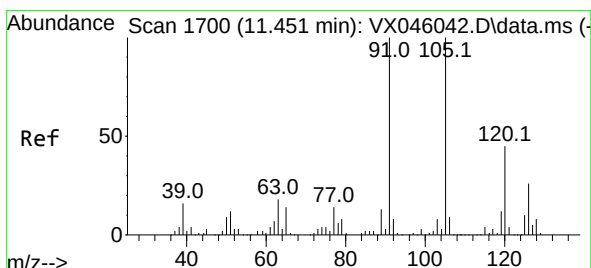
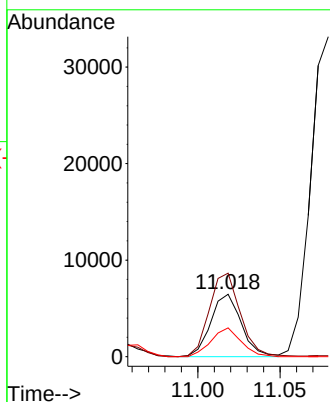
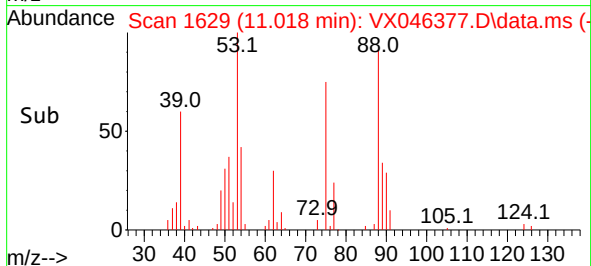
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



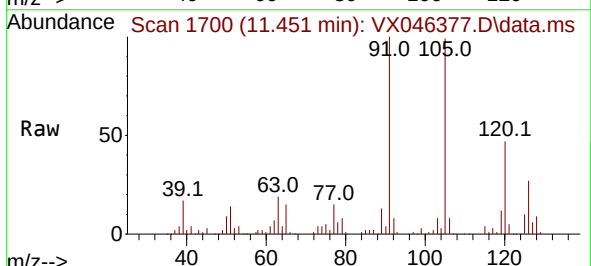
Tgt Ion: 75 Resp: 8378
Ion Ratio Lower Upper
75 100
53 135.6 100.5 150.7
89 45.1 37.0 55.6

Manual Integrations
APPROVED

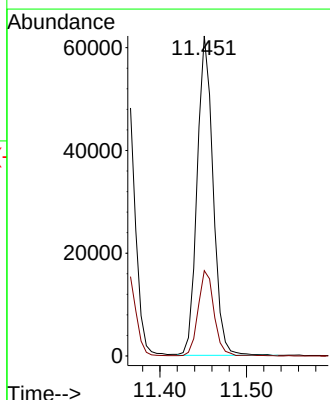
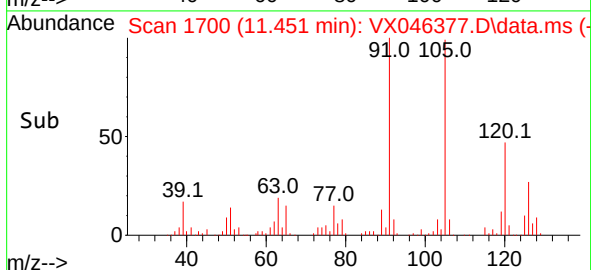
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

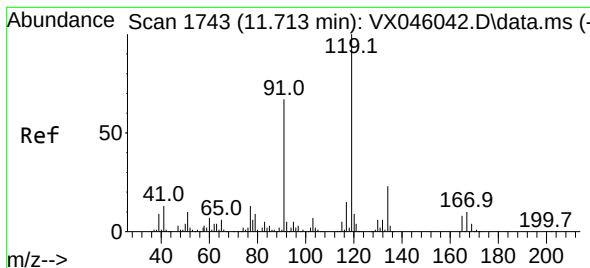


#82
4-Chlorotoluene
Concen: 19.679 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56



Tgt Ion: 91 Resp: 79305
Ion Ratio Lower Upper
91 100
126 26.3 13.3 39.8





#83

tert-Butylbenzene

Concen: 19.398 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046377.D

Acq: 28 May 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

Tgt Ion:119 Resp: 79094

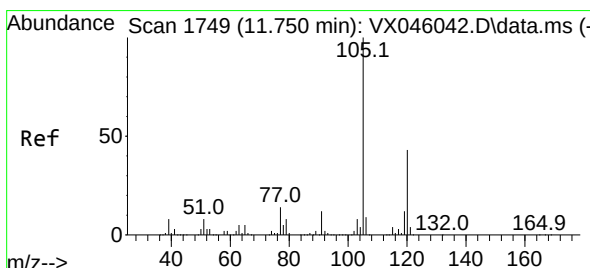
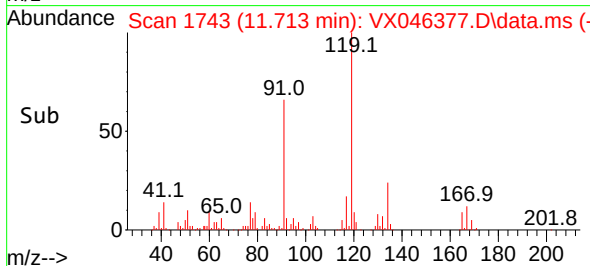
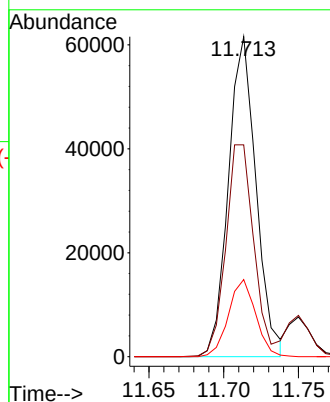
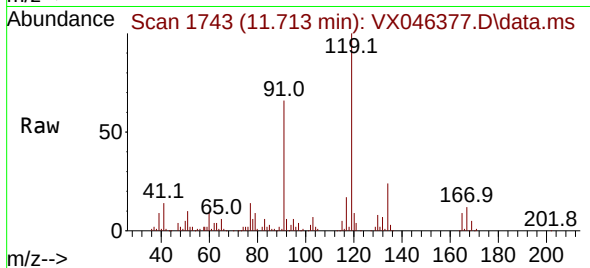
Ion	Ratio	Lower	Upper
119	100		
91	66.7	32.9	98.7
134	23.7	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.888 ug/l

RT: 11.750 min Scan# 1749

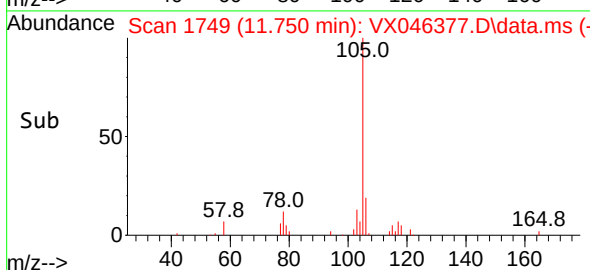
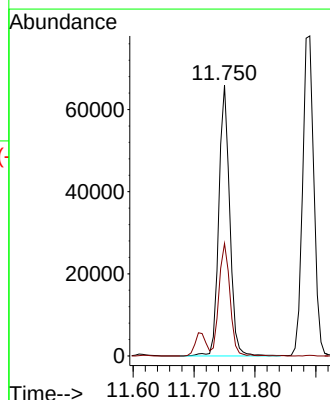
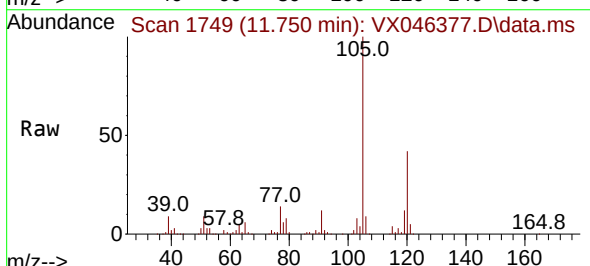
Delta R.T. 0.000 min

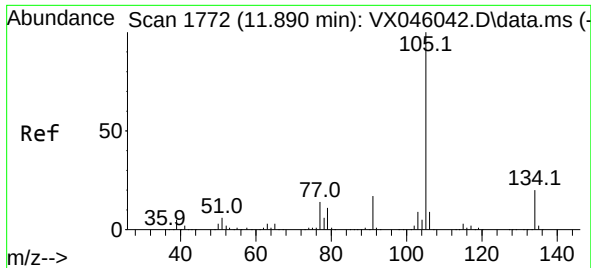
Lab File: VX046377.D

Acq: 28 May 2025 11:56

Tgt Ion:105 Resp: 81527

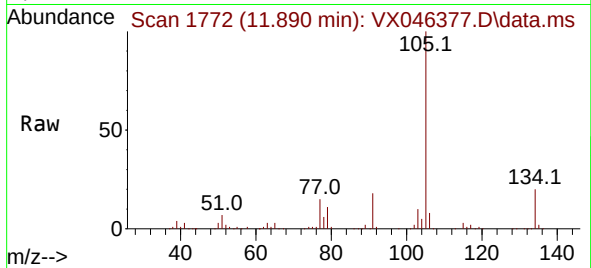
Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 20.014 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046377.D
 Acq: 28 May 2025 11:56

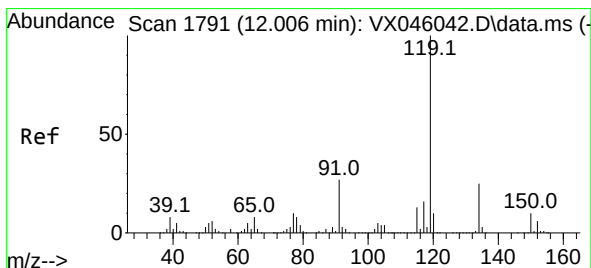
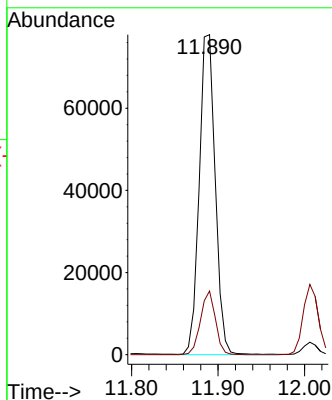
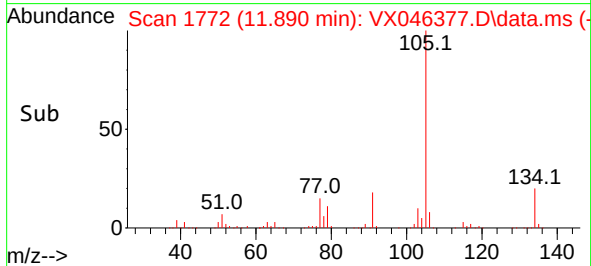
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01



Tgt Ion:105 Resp: 100199
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.7 29.1

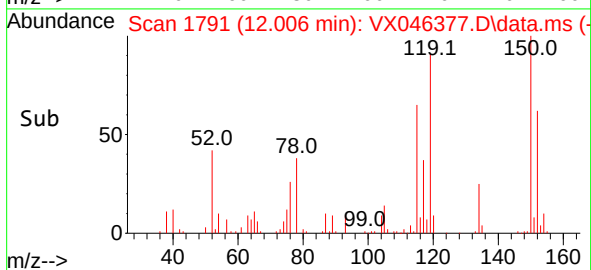
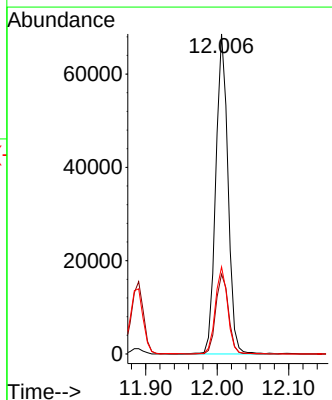
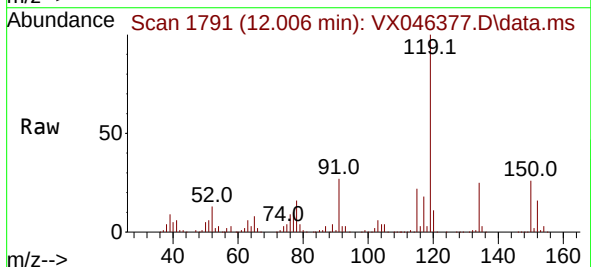
Manual Integrations
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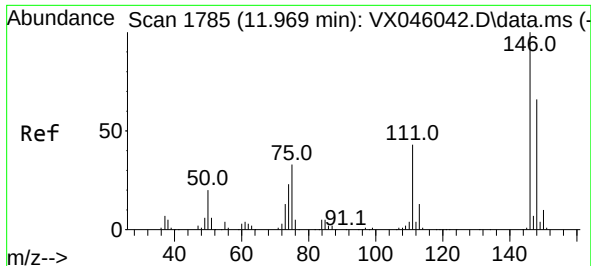
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#86
 p-Isopropyltoluene
 Concen: 19.604 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046377.D
 Acq: 28 May 2025 11:56

Tgt Ion:119 Resp: 81012
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.5 37.5
 91 27.5 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 19.515 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046377.D

Acq: 28 May 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

Tgt Ion:146 Resp: 4006

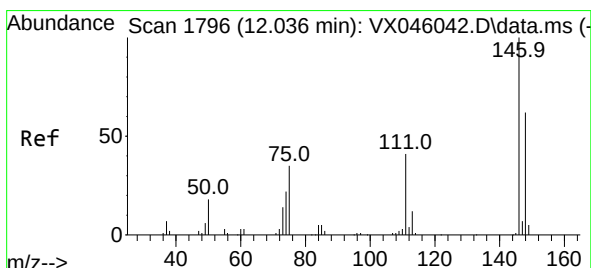
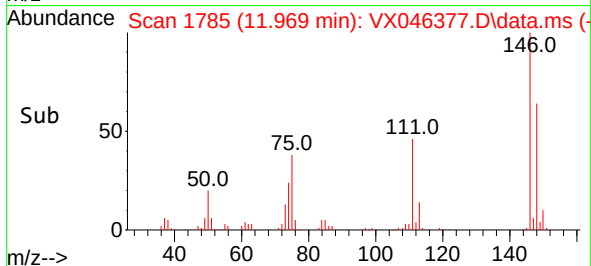
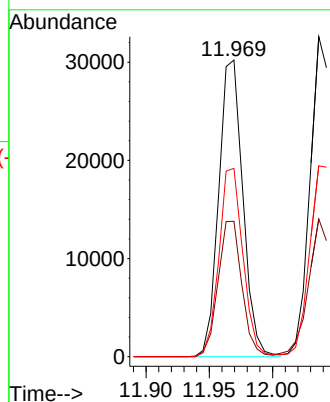
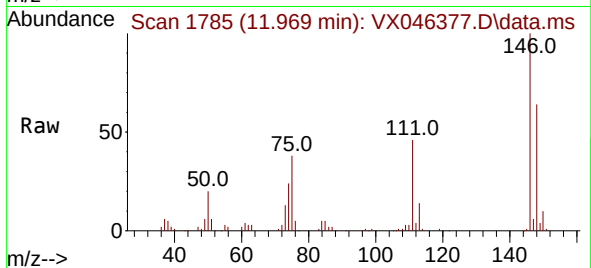
Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.1	66.3
148	62.9	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#88

1,4-Dichlorobenzene

Concen: 19.626 ug/l

RT: 12.036 min Scan# 1796

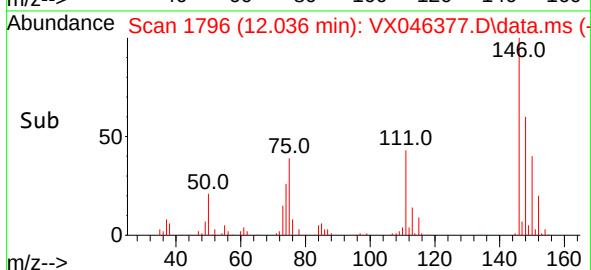
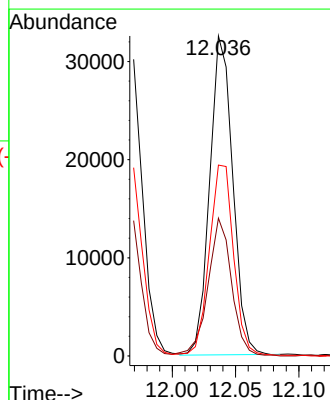
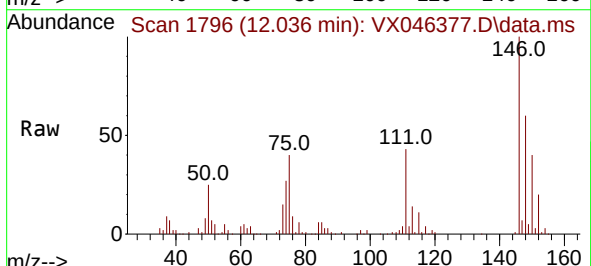
Delta R.T. 0.000 min

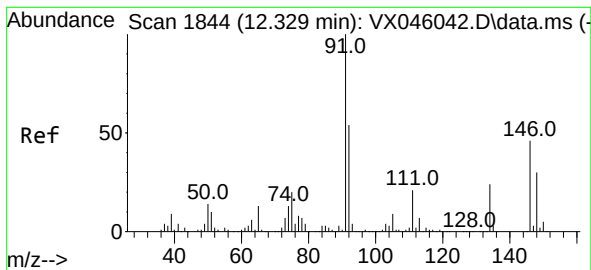
Lab File: VX046377.D

Acq: 28 May 2025 11:56

Tgt Ion:146 Resp: 41149

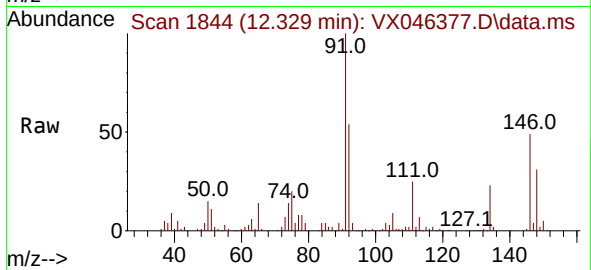
Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.3	63.9
148	63.9	31.9	95.5





#89
n-Butylbenzene
Concen: 19.399 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

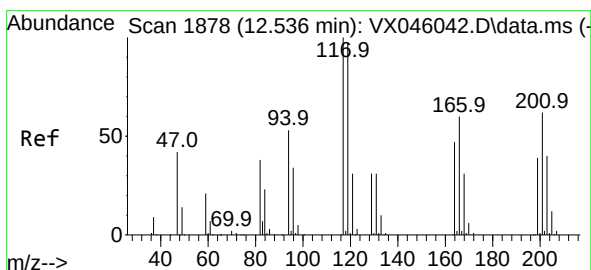
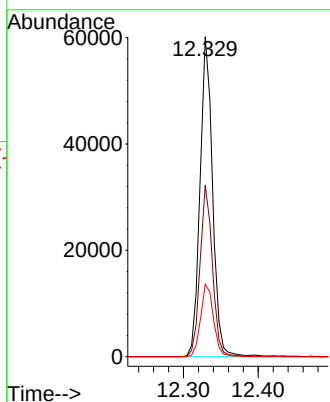
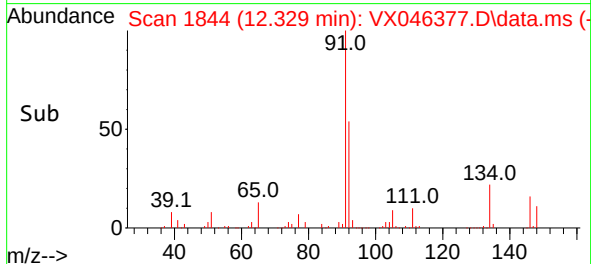
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion: 91 Resp: 70319
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 23.2 11.8 35.3

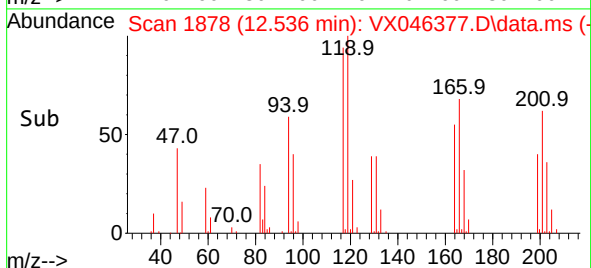
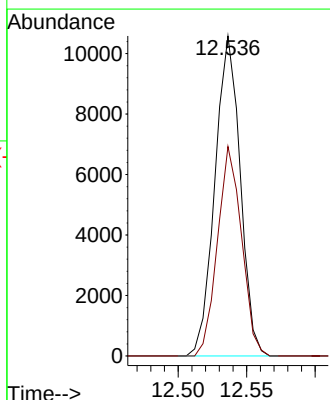
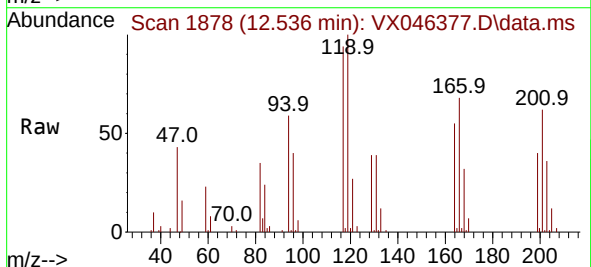
Manual Integrations
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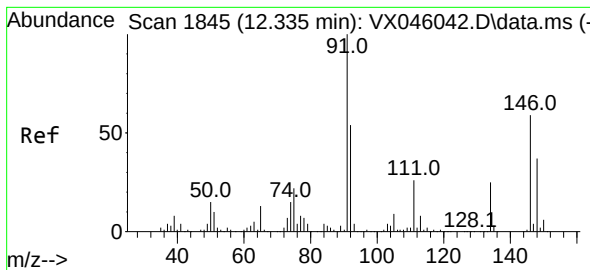
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 18.646 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

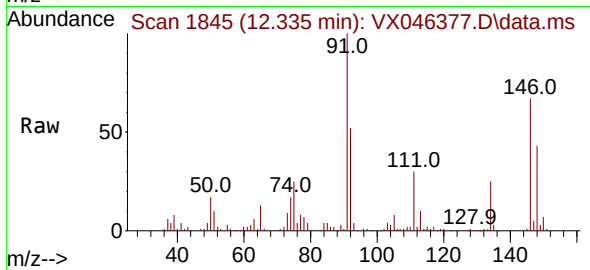
Tgt Ion:117 Resp: 13575
Ion Ratio Lower Upper
117 100
201 62.4 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 20.250 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

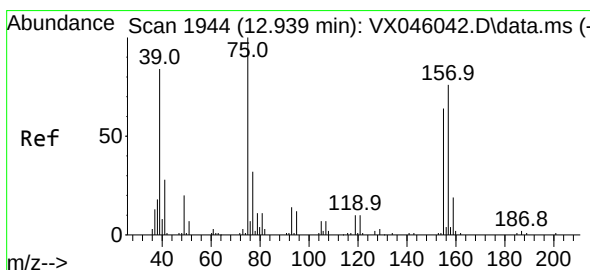
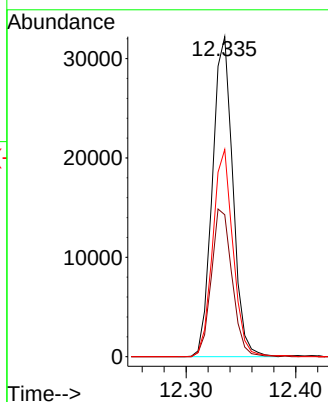
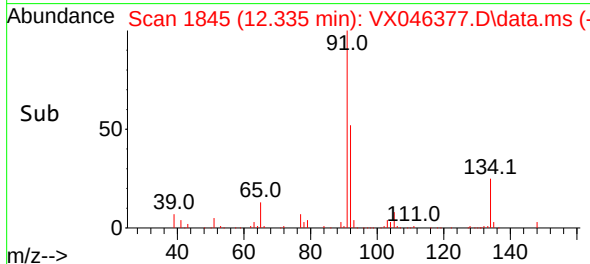
Instrument : MSVOA_X
ClientSampleId : VX0528WBSD01



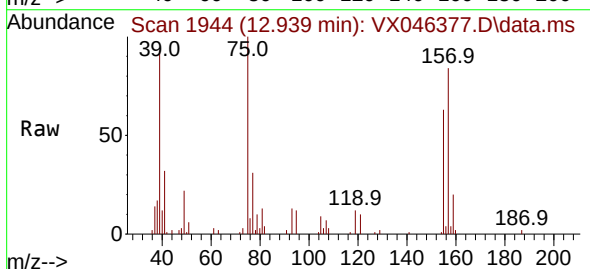
Tgt Ion:146 Resp: 41718
Ion Ratio Lower Upper
146 100
111 46.8 22.4 67.3
148 64.6 31.6 94.8

Manual Integrations
APPROVED

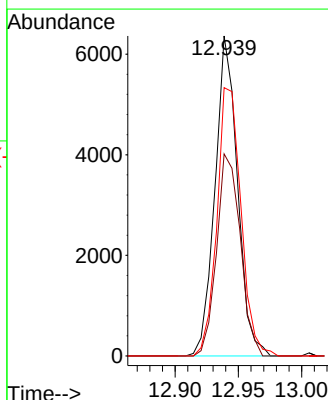
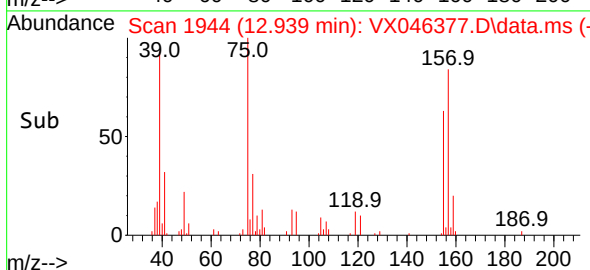
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

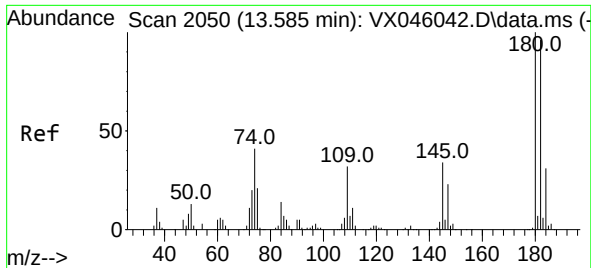


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.871 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56



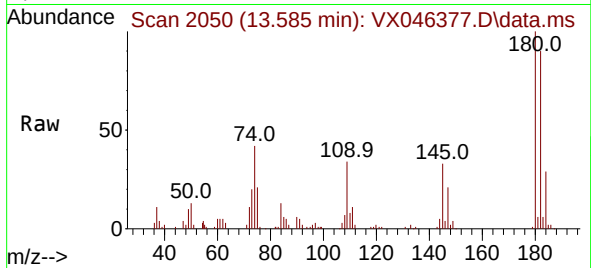
Tgt Ion: 75 Resp: 7851
Ion Ratio Lower Upper
75 100
155 66.4 34.9 104.8
157 89.6 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 19.498 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

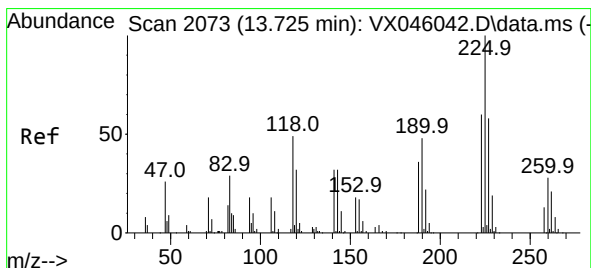
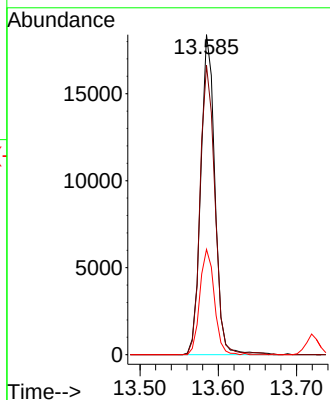
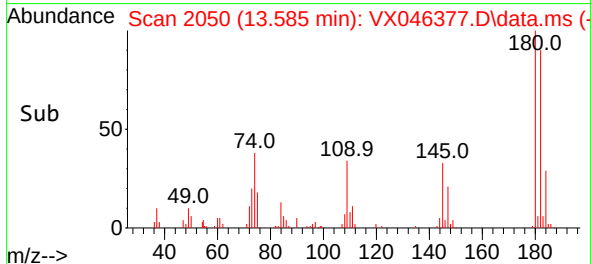
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



Tgt Ion:180 Resp: 23072
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.8
145 33.6 17.1 51.2

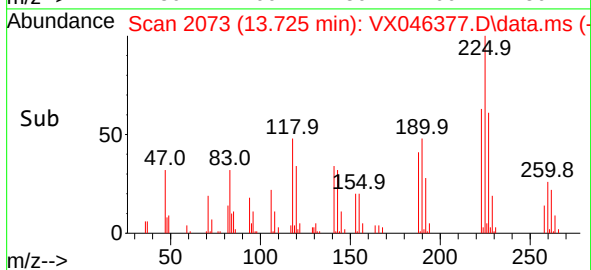
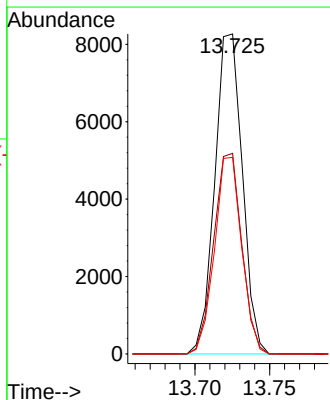
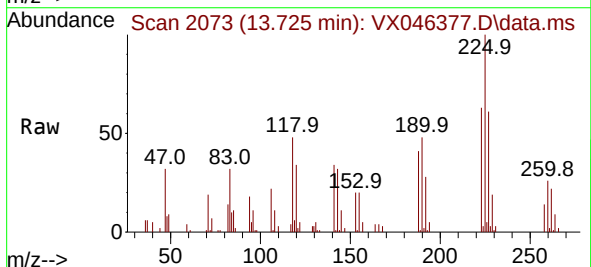
Manual Integrations
APPROVED

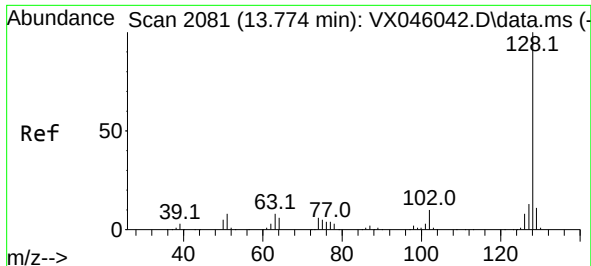
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#94
Hexachlorobutadiene
Concen: 20.538 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

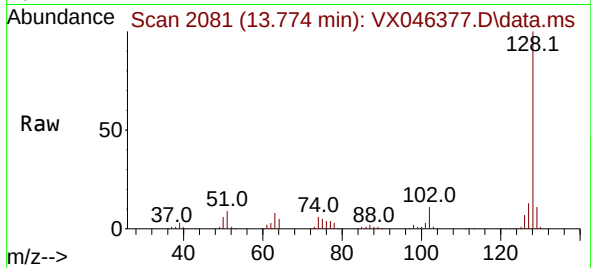
Tgt Ion:225 Resp: 10614
Ion Ratio Lower Upper
225 100
223 63.5 30.8 92.4
227 60.6 30.9 92.7





#95
Naphthalene
Concen: 19.182 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56

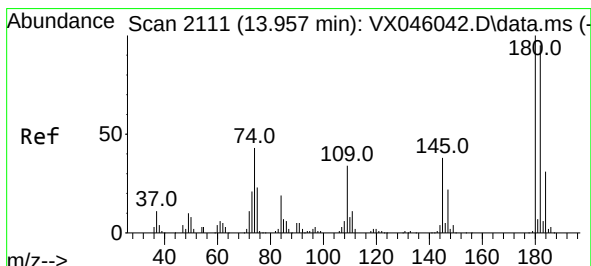
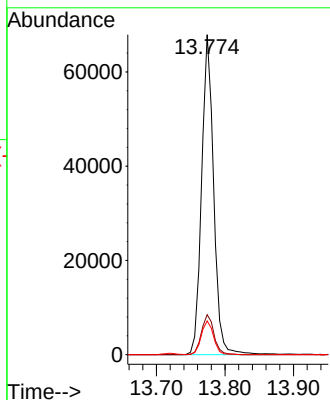
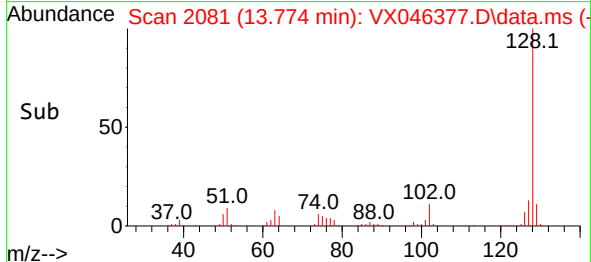
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01



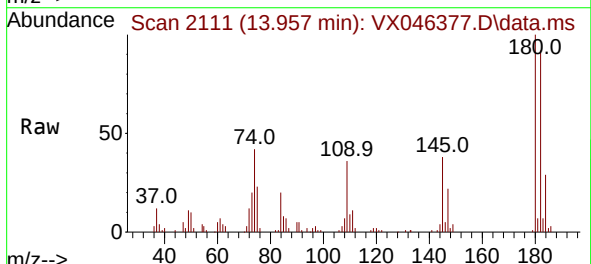
Tgt Ion:128 Resp: 8324
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.095 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046377.D
Acq: 28 May 2025 11:56



Tgt Ion:180 Resp: 23314
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.3
145 37.6 18.1 54.3

