

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046630.D
 Acq On : 11 Jun 2025 12:09
 Operator : JC/MD
 Sample : VX0611WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/12/2025
 Supervised By : Mahesh Dadoda 06/12/2025

Quant Time: Jun 12 01:38:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	19624	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	102297	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	94515	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	48340	30.431	ug/l	-0.01
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.433%	
60) 4-Bromofluorobenzene	11.079	95	48521	30.457	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.533%	
63) Toluene-d8	8.647	98	126474	29.958	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.867%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	23403	18.343	ug/l	97
3) Chloromethane	1.307	50	21600	16.432	ug/l	98
4) Vinyl Chloride	1.386	62	21632	17.070	ug/l	96
5) Bromomethane	1.630	94	11137	14.716	ug/l	99
6) Chloroethane	1.703	64	14996m	20.598	ug/l	
7) Trichlorofluoromethane	1.904	101	32692	18.011	ug/l	98
8) Diethyl Ether	2.148	74	12088	19.007	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	21701	17.969	ug/l	98
10) 1,1-Dichloroethene	2.331	96	20614	17.597	ug/l	97
11) Methyl Iodide	2.465	142	24853	15.561	ug/l	99
12) Methyl Acetate	2.715	43	23536	15.939	ug/l	98
13) Acrolein	2.245	56	15353	106.106	ug/l	97
14) Acrylonitrile	3.075	53	56275	92.738	ug/l	98
15) Acetone	2.386	58	13436	96.828	ug/l	87
16) Carbon Disulfide	2.526	76	59563	18.326	ug/l	98
17) Allyl chloride	2.678	41	38759	18.236	ug/l	99
18) Methylene Chloride	2.800	84	24095	18.637	ug/l	96
19) trans-1,2-Dichloroethene	3.105	96	21767	17.930	ug/l	93
20) Diisopropyl ether	3.769	45	75918	18.879	ug/l	88
21) 1,1-Dichloroethane	3.623	63	41397	17.968	ug/l	98
22) cis-1,2-Dichloroethene	4.507	96	26321	18.597	ug/l	97
23) tert-Butyl Alcohol	2.959	59	10496	85.639	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	68202	19.058	ug/l	100
25) Chloroform	5.099	83	44801	18.891	ug/l	99
26) Cyclohexane	5.477	56	38282	18.211	ug/l #	99
29) 1,1-Dichloropropene	5.708	75	30376	18.873	ug/l	99
30) 2-Butanone	4.562	43	68191	95.084	ug/l	99
31) 2,2-Dichloropropane	4.483	77	30516	21.357	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	37471	18.842	ug/l	99
33) Carbon Tetrachloride	5.684	117	33499	18.980	ug/l	98
34) Benzene	6.043	78	89723	18.974	ug/l	99
35) Methacrylonitrile	4.922	41	16976m	19.304	ug/l	
36) 1,2-Dichloroethane	6.098	62	34939	19.529	ug/l	99
37) Trichloroethene	7.129	130	22166	18.680	ug/l	89
38) Methylcyclohexane	7.385	83	38152	18.675	ug/l	99
39) 1,2-Dichloropropane	7.433	63	22487	19.063	ug/l	90
40) Dibromomethane	7.586	93	16649	18.880	ug/l	98
41) Bromodichloromethane	7.824	83	34992	19.477	ug/l #	96
42) Vinyl Acetate	3.733	43	303519	98.081	ug/l	99

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Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	29747m	19.581	ug/l	
44) Isopropyl Acetate	6.342	43	46272	19.473	ug/l	99
45) 1,4-Dioxane	7.665	88	5363	357.802	ug/l #	89
46) Methyl methacrylate	7.696	41	24324	18.748	ug/l	99
47) n-amyl Acetate	10.841	43	42641	20.062	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	31138	19.334	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	34737	19.319	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	20940	18.841	ug/l	96
51) Ethyl methacrylate	9.116	69	31641	18.723	ug/l	96
52) 1,3-Dichloropropane	9.311	76	37466	19.354	ug/l	98
53) Dibromochloromethane	9.518	129	25362	19.361	ug/l	97
54) 1,2-Dibromoethane	9.610	107	22199	18.989	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	83897	95.060	ug/l	99
56) Bromoform	10.799	173	15446	19.080	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	143709	93.476	ug/l	99
59) 2-Hexanone	9.427	43	102179	94.211	ug/l	98
61) Tetrachloroethene	9.275	164	18676	18.855	ug/l	96
62) Toluene	8.720	91	96278	18.796	ug/l	100
64) Chlorobenzene	10.079	112	61572	18.637	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	21442	19.366	ug/l	99
66) Ethyl Benzene	10.195	91	108605	18.569	ug/l	98
67) m/p-Xylenes	10.299	106	82798	38.274	ug/l	97
68) o-Xylene	10.640	106	38744	18.601	ug/l	99
69) Styrene	10.652	104	67413	18.882	ug/l	99
70) Isopropylbenzene	10.963	105	105719	18.913	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	31809	19.372	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	26074m	19.021	ug/l	
73) Bromobenzene	11.195	156	24748	18.888	ug/l	98
74) n-propylbenzene	11.305	91	128938	19.291	ug/l	100
75) 2-Chlorotoluene	11.360	91	77797	19.442	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	88316	19.016	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	8774	18.947	ug/l	94
78) 4-Chlorotoluene	11.451	91	90457	19.539	ug/l	99
79) tert-butylbenzene	11.713	119	87456	18.882	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	89122	19.430	ug/l	96
81) sec-Butylbenzene	11.890	105	113075	19.078	ug/l	99
82) p-Isopropyltoluene	12.006	119	93711	19.264	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	47485	19.469	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	48232	19.665	ug/l	99
85) n-Butylbenzene	12.329	91	90861	19.388	ug/l	99
86) Hexachloroethane	12.536	117	15835	18.743	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	45735	19.491	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6241	18.425	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	30405	19.655	ug/l	99
90) Hexachlorobutadiene	13.725	225	12898	18.935	ug/l	99
91) Naphthalene	13.774	128	91927	18.731	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	29171	19.211	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

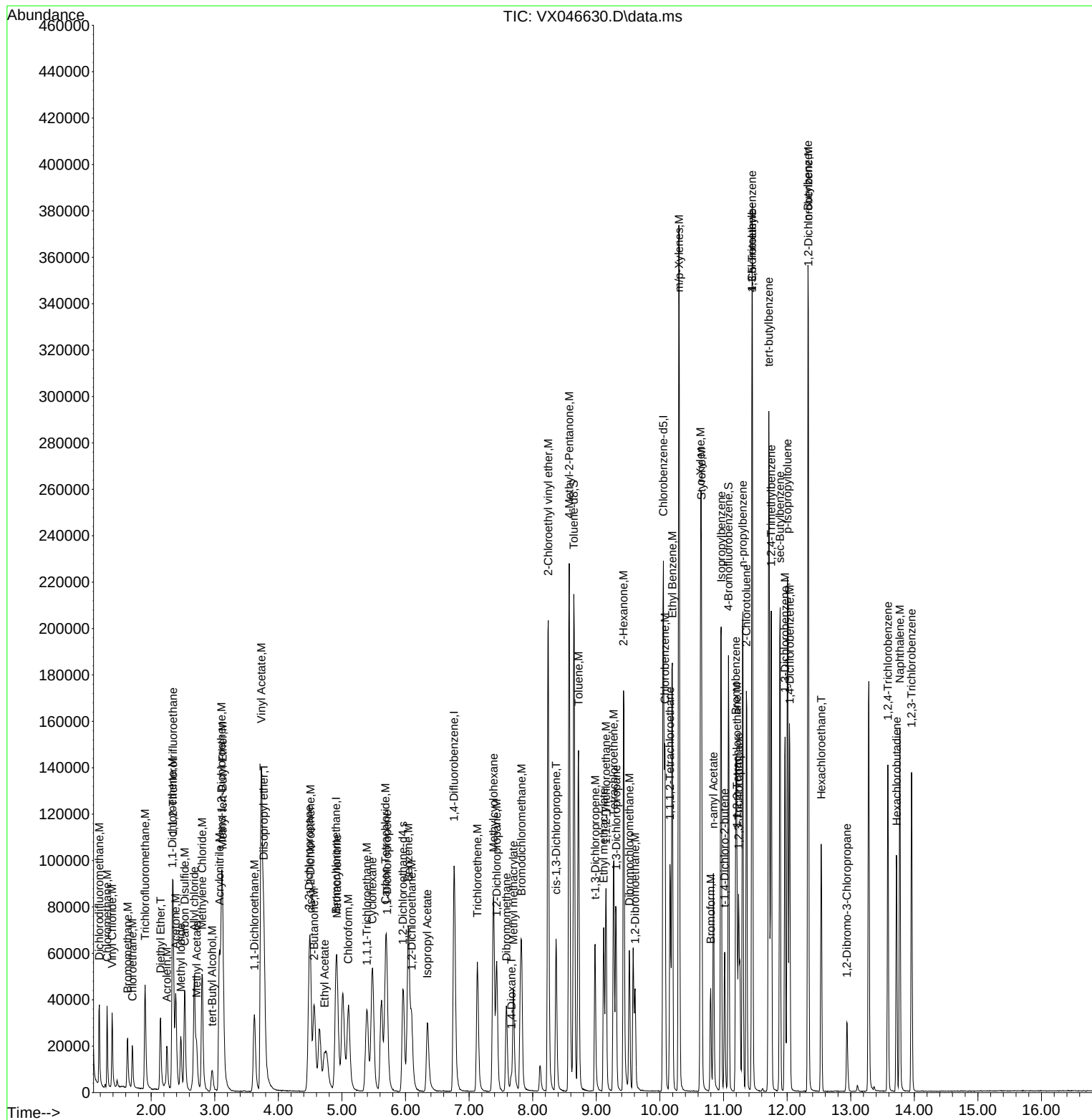
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046630.D
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ALS Vial : 4 Sample Multiplier: 1

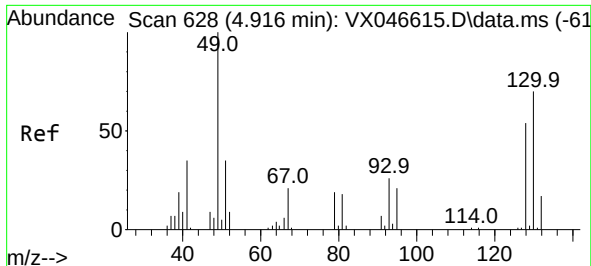
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/12/2025

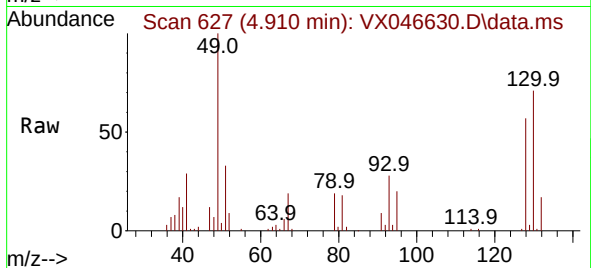
Quant Time: Jun 12 01:38:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

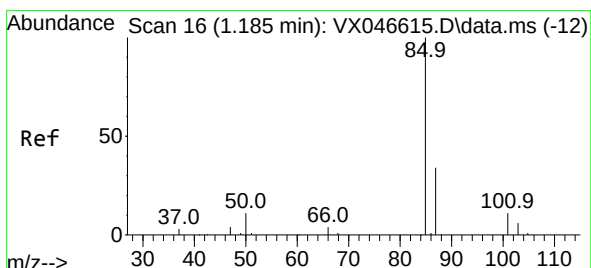
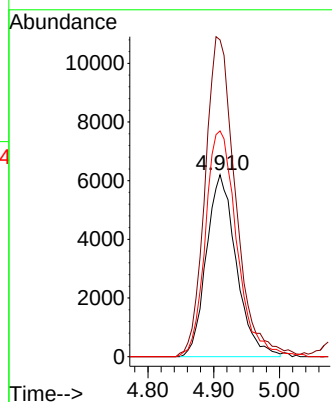
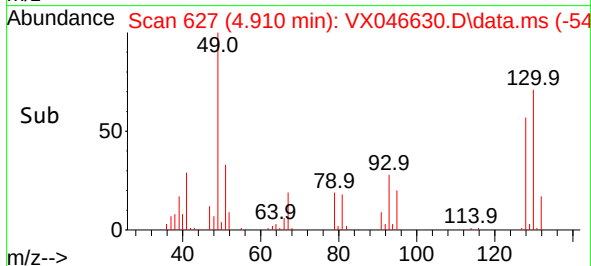
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion:128 Resp: 19624
Ion Ratio Lower Upper
128 100
49 178.8 0.0 448.3
130 129.9 0.0 312.0

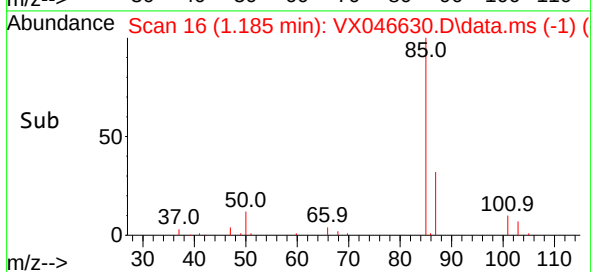
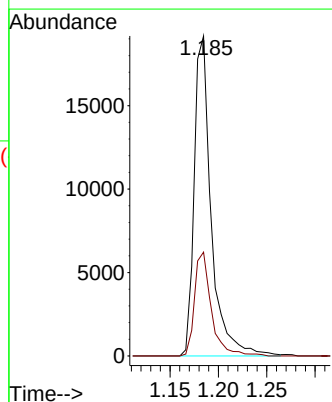
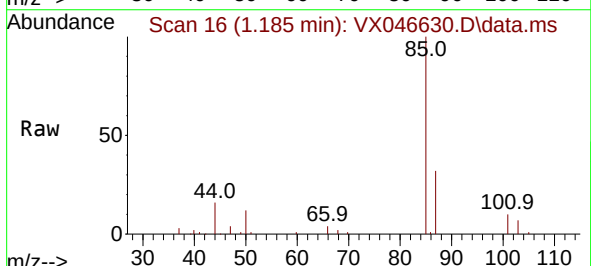
Manual Integrations
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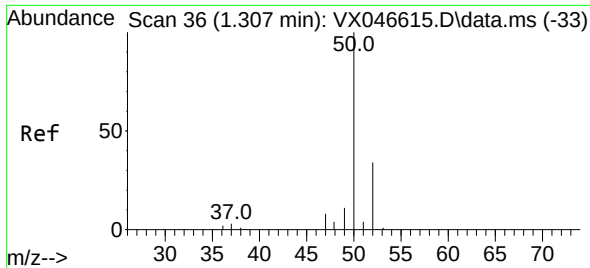
Reviewed By :John Carlone 06/12/2025
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#2
Dichlorodifluoromethane
Concen: 18.343 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion: 85 Resp: 23403
Ion Ratio Lower Upper
85 100
87 32.5 17.1 51.3





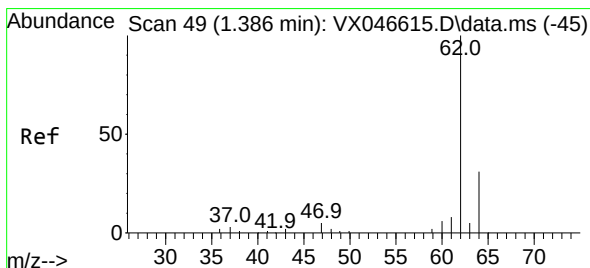
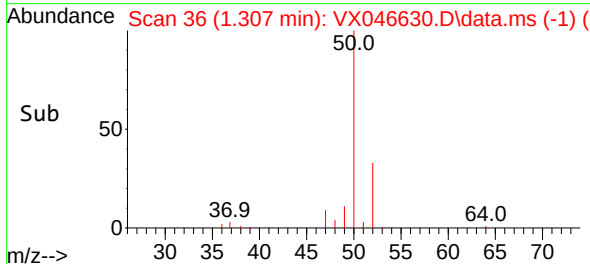
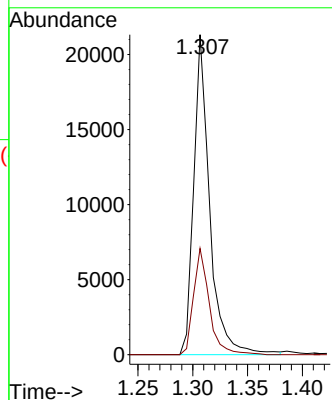
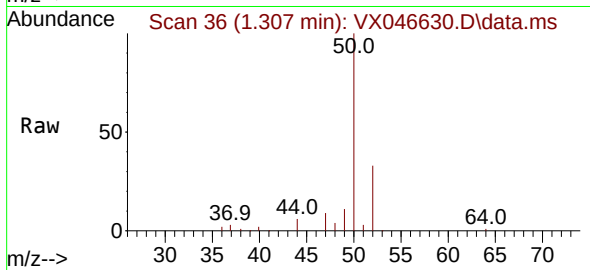
#3
Chloromethane
Concen: 16.432 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tgt Ion: 50 Resp: 21600
Ion Ratio Lower Upper
50 100
52 33.2 27.4 41.2

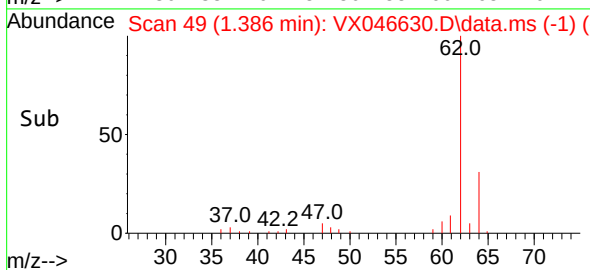
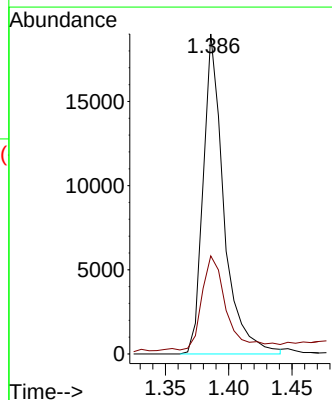
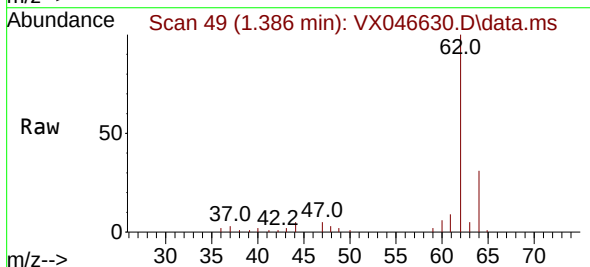
Manual Integrations
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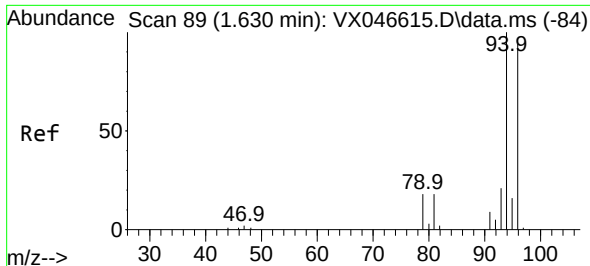
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#4
Vinyl Chloride
Concen: 17.070 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

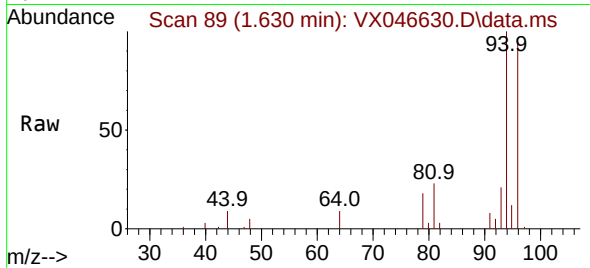
Tgt Ion: 62 Resp: 21632
Ion Ratio Lower Upper
62 100
64 29.4 25.2 37.8





#5
Bromomethane
Concen: 14.716 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

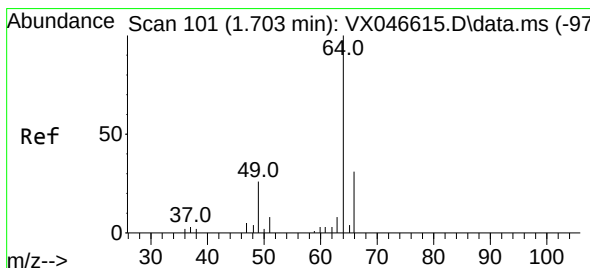
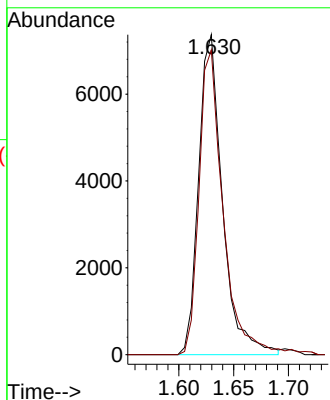
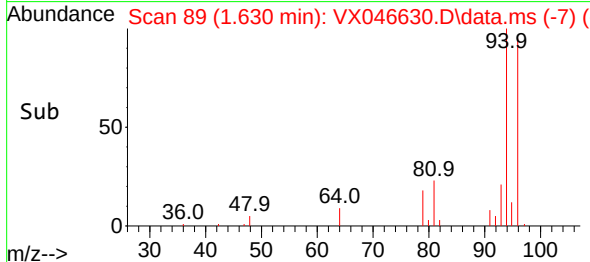
Instrument :
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Tgt Ion: 94 Resp: 1113
Ion Ratio Lower Upper
94 100
96 95.2 75.5 113.3

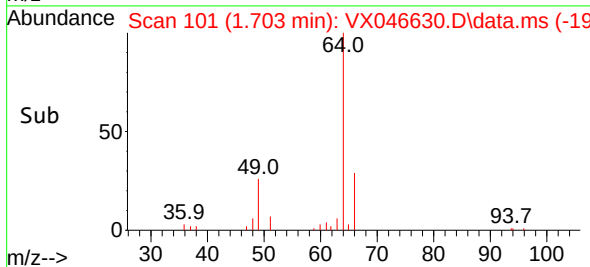
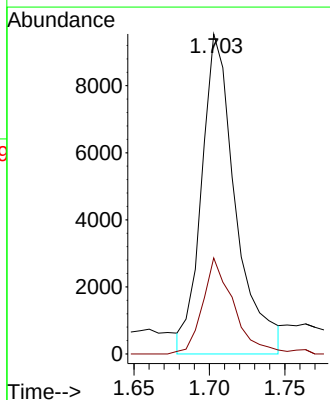
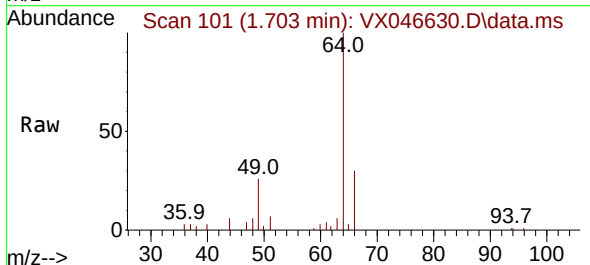
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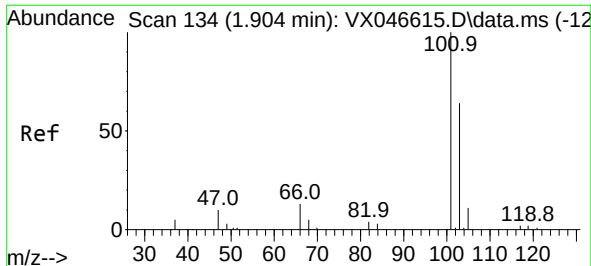
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#6
Chloroethane
Concen: 20.598 ug/l m
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

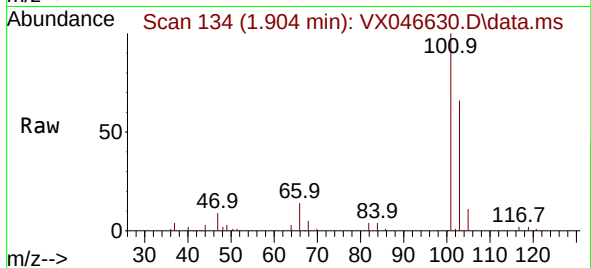
Tgt Ion: 64 Resp: 14996
Ion Ratio Lower Upper
64 100
66 30.0 25.0 37.6





#7
Trichlorofluoromethane
Concen: 18.011 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

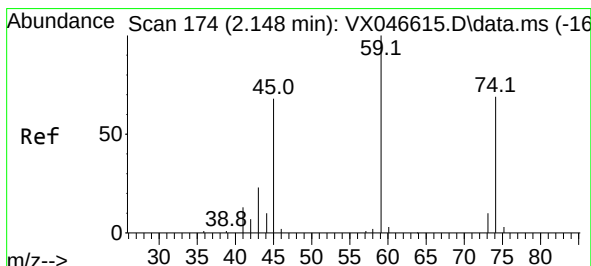
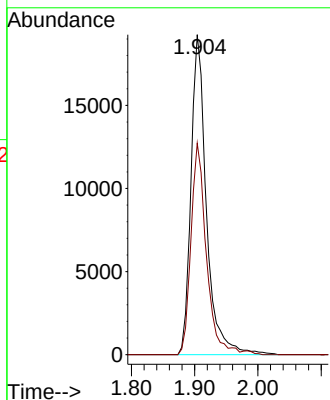
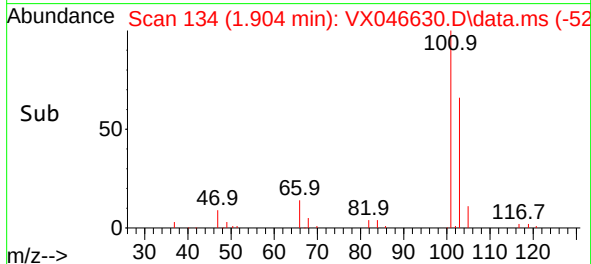
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion:101 Resp: 32692
Ion Ratio Lower Upper
101 100
103 66.1 51.5 77.3

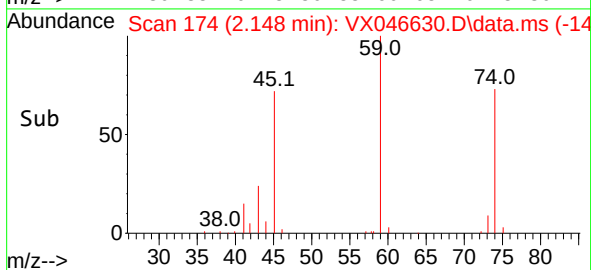
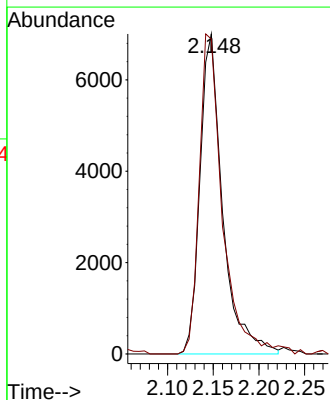
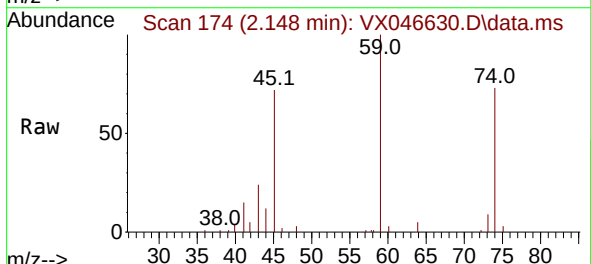
Manual Integrations
APPROVED

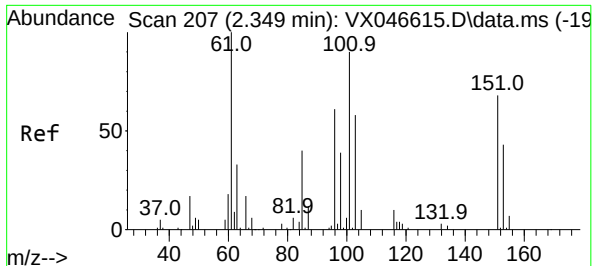
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#8
Diethyl Ether
Concen: 19.007 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion: 74 Resp: 12088
Ion Ratio Lower Upper
74 100
45 101.3 19.3 174.1





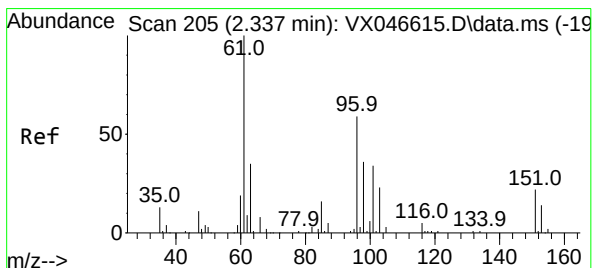
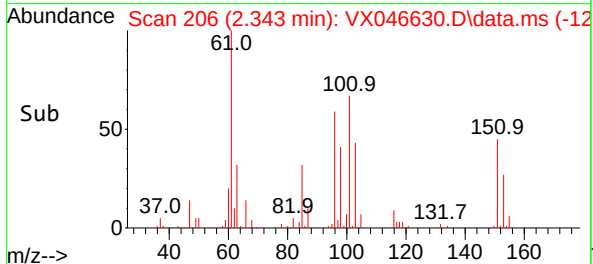
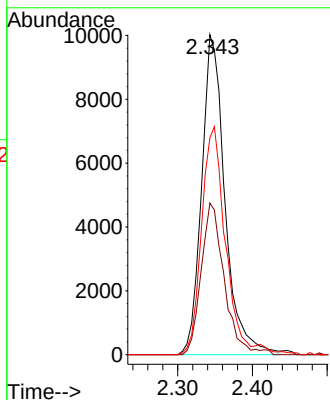
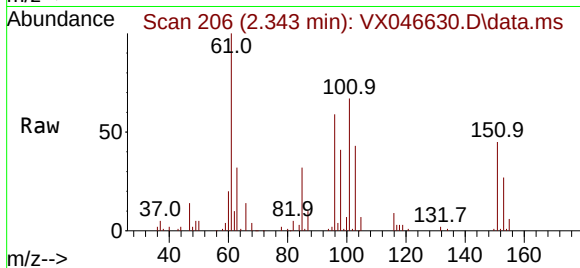
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.969 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 2170
Ion Ratio Lower Upper
101 100
85 46.1 0.0 88.2
151 71.6 0.0 141.8

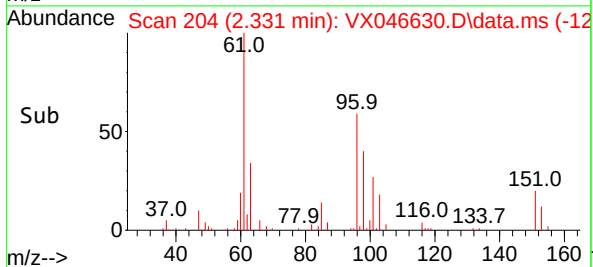
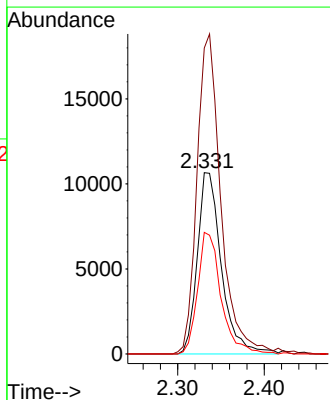
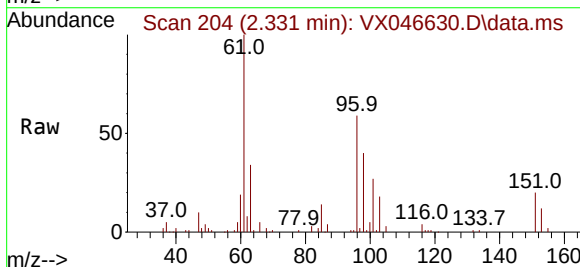
Manual Integrations
APPROVED

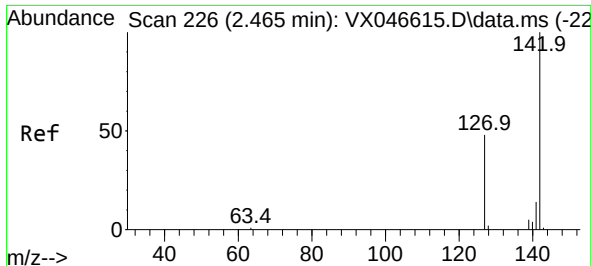
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#10
1,1-Dichloroethene
Concen: 17.597 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

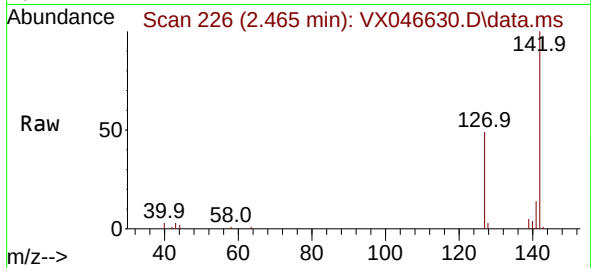
Tgt Ion: 96 Resp: 20614
Ion Ratio Lower Upper
96 100
61 167.6 135.1 202.7
98 67.1 49.0 73.4





#11
Methyl Iodide
Concen: 15.561 ug/l
RT: 2.465 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

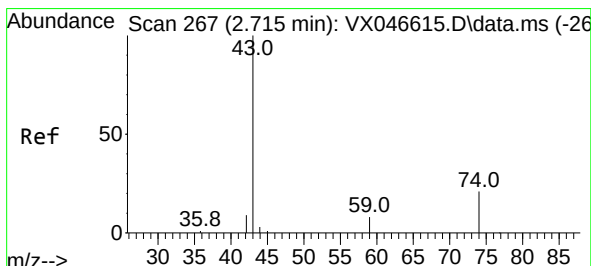
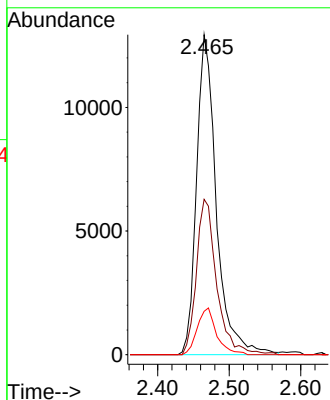
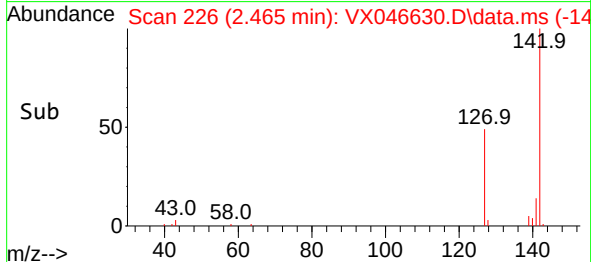
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion:142 Resp: 2485
Ion Ratio Lower Upper
142 100
127 48.7 24.1 72.4
141 13.6 7.0 20.9

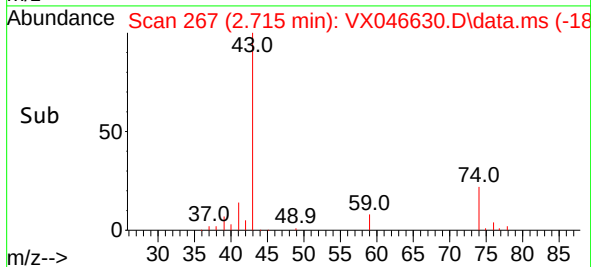
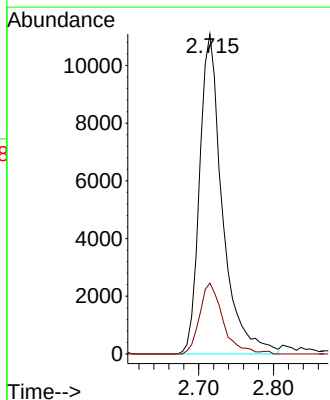
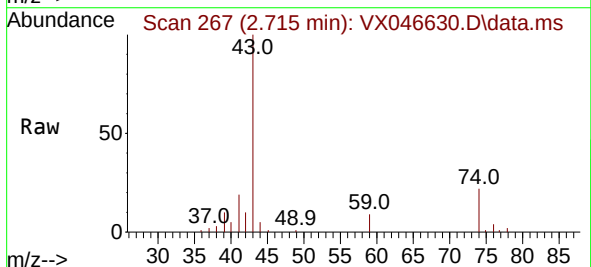
Manual Integrations
APPROVED

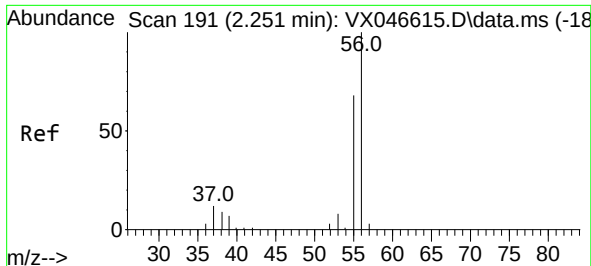
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#12
Methyl Acetate
Concen: 15.939 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

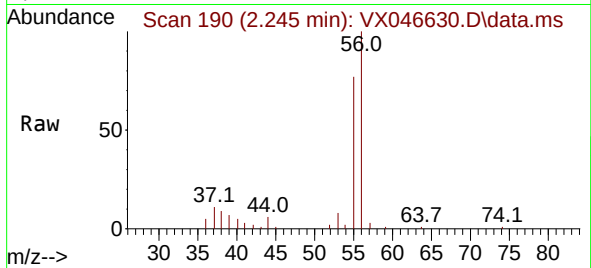
Tgt Ion: 43 Resp: 23536
Ion Ratio Lower Upper
43 100
74 22.3 17.2 25.8





#13
Acrolein
Concen: 106.106 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

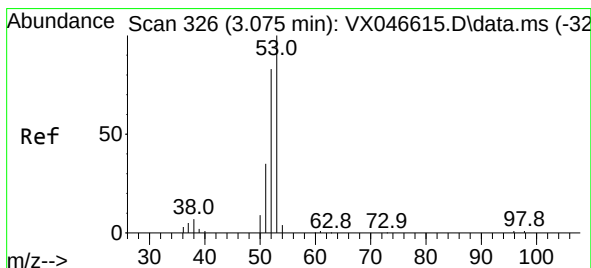
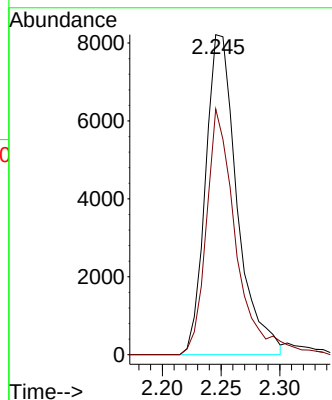
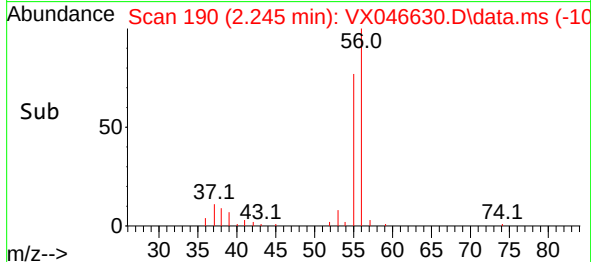
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion: 56 Resp: 1535
Ion Ratio Lower Upper
56 100
55 72.4 56.0 84.0

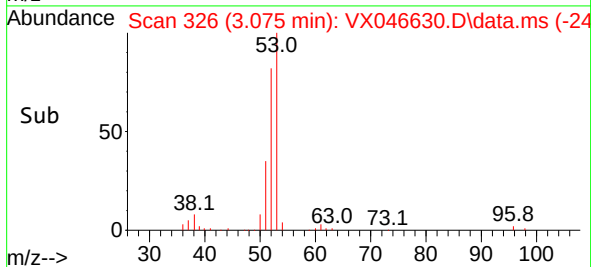
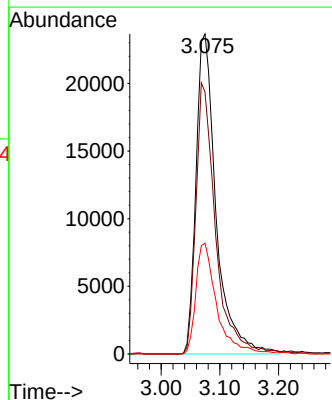
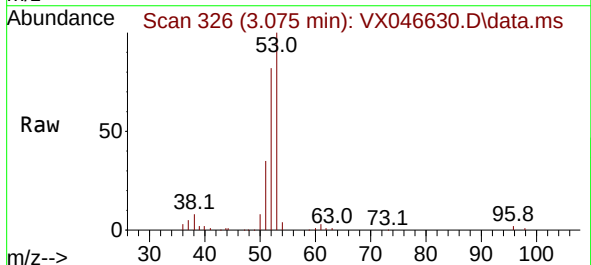
Manual Integrations
APPROVED

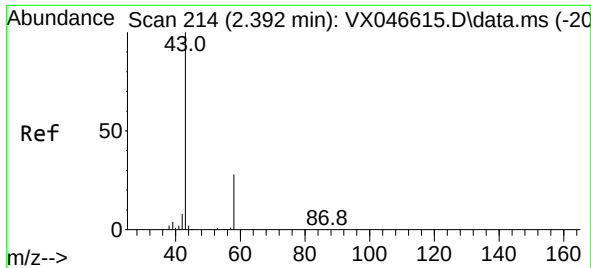
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#14
Acrylonitrile
Concen: 92.738 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

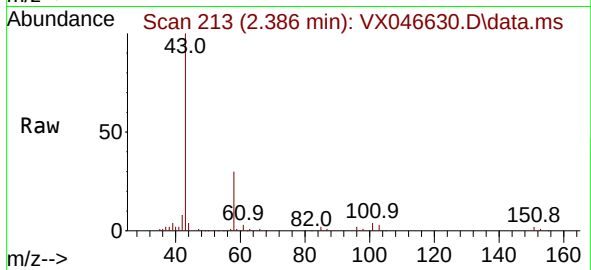
Tgt Ion: 53 Resp: 56275
Ion Ratio Lower Upper
53 100
52 81.3 41.3 123.7
51 34.5 18.6 55.8





#15
Acetone
Concen: 96.828 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

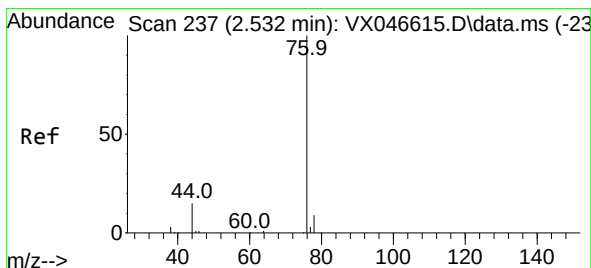
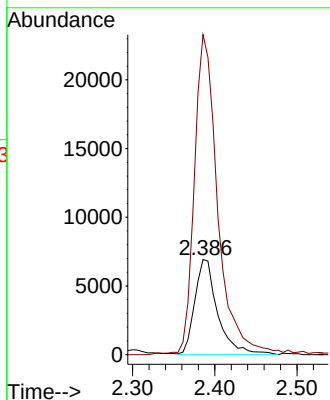
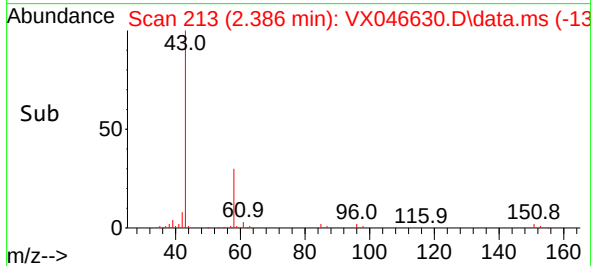
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion: 58 Resp: 13430
Ion Ratio Lower Upper
58 100
43 333.9 290.6 435.8

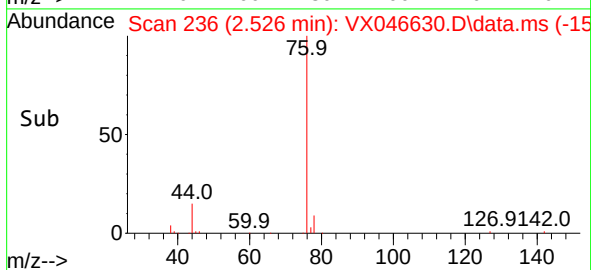
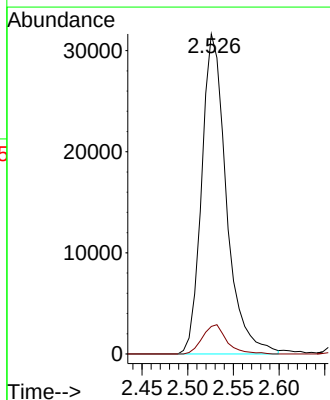
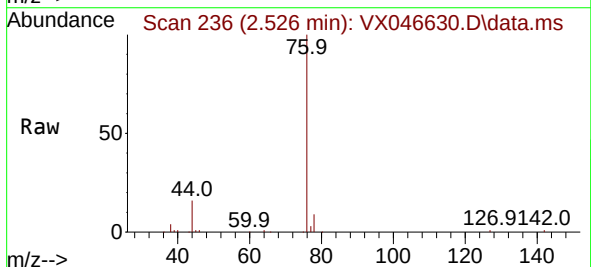
Manual Integrations
APPROVED

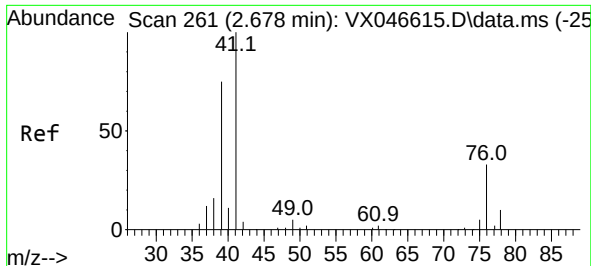
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#16
Carbon Disulfide
Concen: 18.326 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

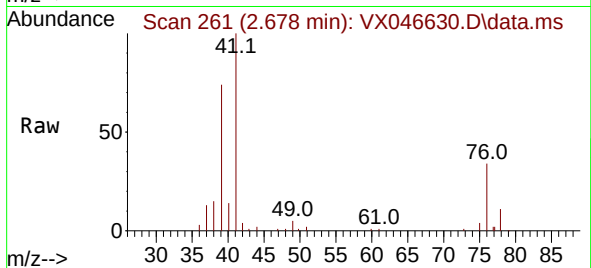
Tgt Ion: 76 Resp: 59563
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0





#17
 Allyl chloride
 Concen: 18.236 ug/l
 RT: 2.678 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX046630.D
 Acq: 11 Jun 2025 12:09

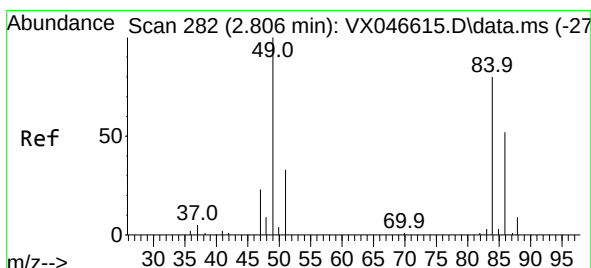
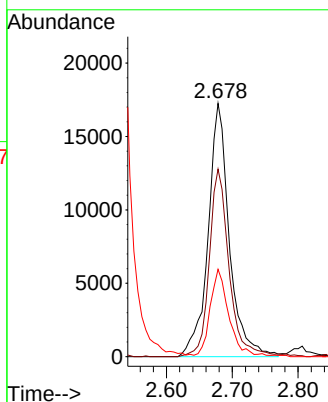
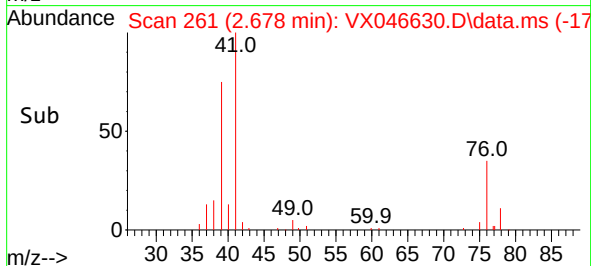
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01



Tgt Ion: 41 Resp: 3875
 Ion Ratio Lower Upper
 41 100
 39 74.0 37.5 112.3
 76 34.0 17.4 52.3

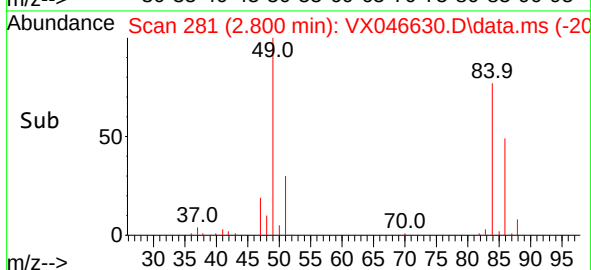
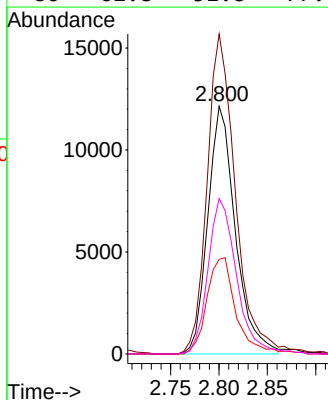
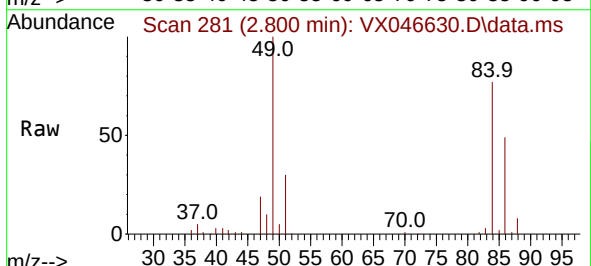
Manual Integrations
 APPROVED

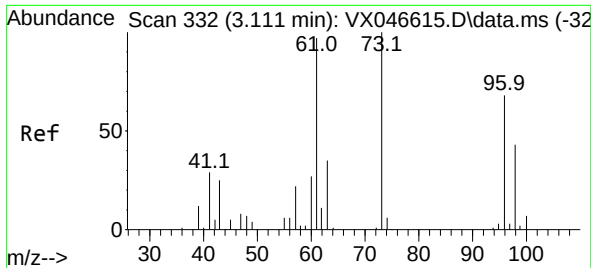
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025



#18
 Methylene Chloride
 Concen: 18.637 ug/l
 RT: 2.800 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VX046630.D
 Acq: 11 Jun 2025 12:09

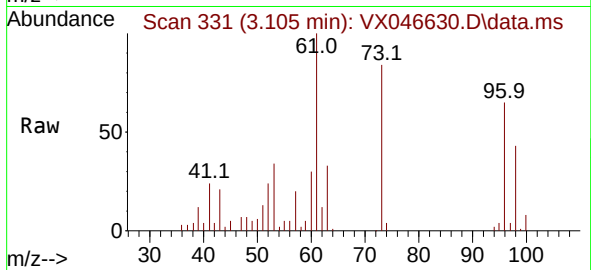
Tgt Ion: 84 Resp: 24095
 Ion Ratio Lower Upper
 84 100
 49 129.2 100.1 150.1
 51 38.2 33.0 49.4
 86 62.8 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 17.930 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

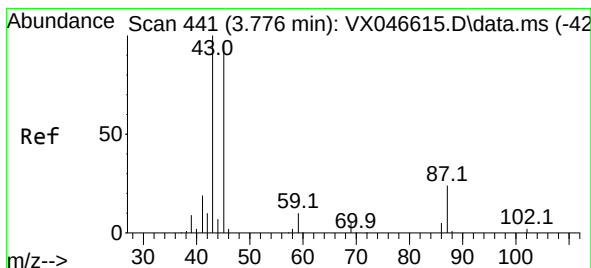
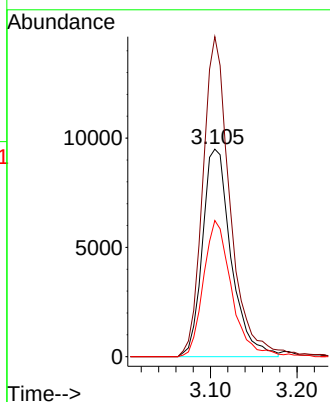
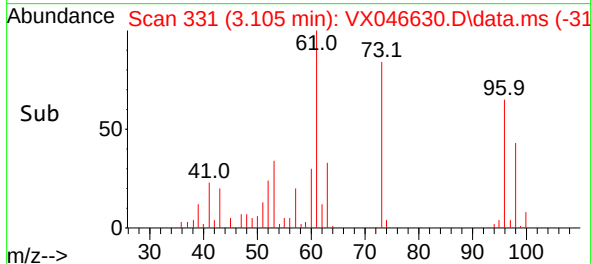
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion: 96 Resp: 2176
Ion Ratio Lower Upper
96 100
61 154.2 114.5 171.7
98 65.6 50.2 75.4

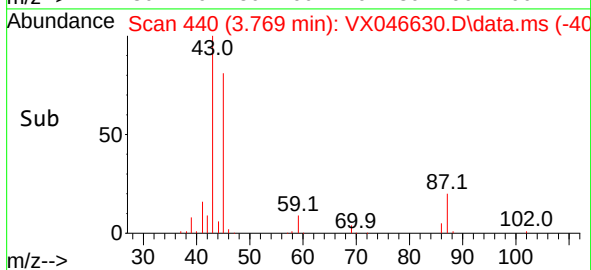
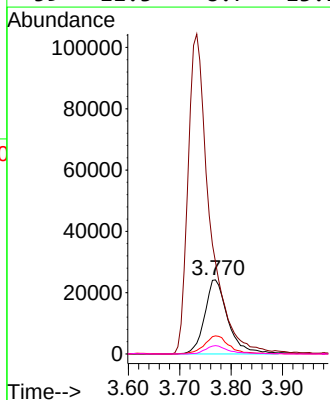
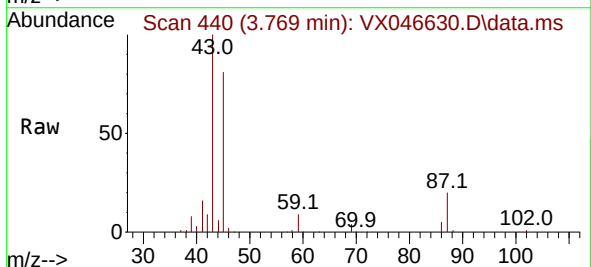
Manual Integrations
APPROVED

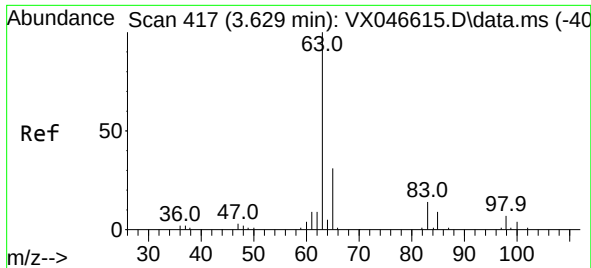
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#20
Diisopropyl ether
Concen: 18.879 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion: 45 Resp: 75918
Ion Ratio Lower Upper
45 100
43 120.2 83.2 124.8
87 24.2 20.2 30.4
59 11.3 8.7 13.1





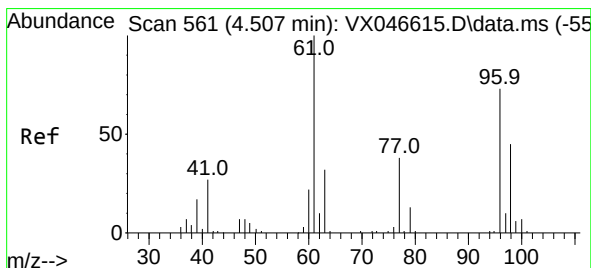
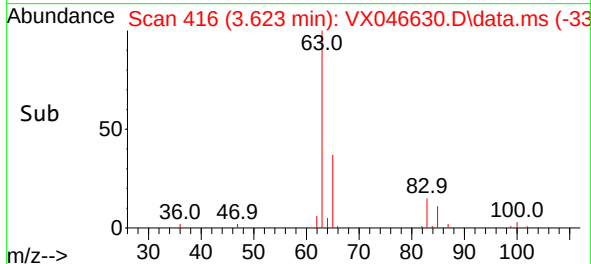
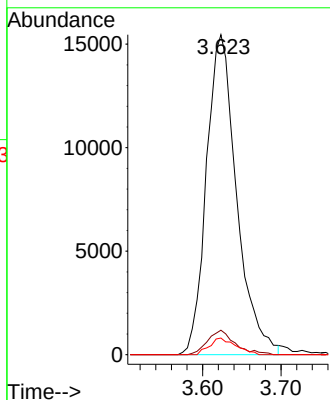
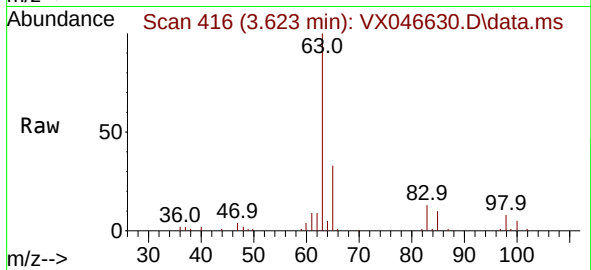
#21
1,1-Dichloroethane
Concen: 17.968 ug/l
RT: 3.623 min Scan# 417
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tgt Ion: 63 Resp: 4139
Ion Ratio Lower Upper
63 100
98 7.6 3.6 10.8
100 5.2 1.8 5.5

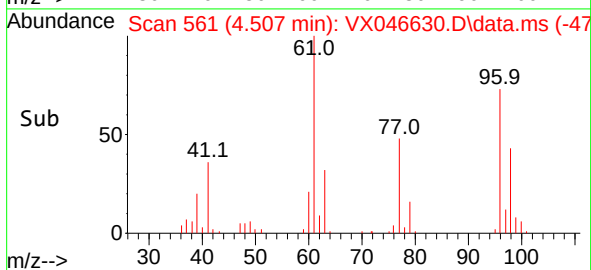
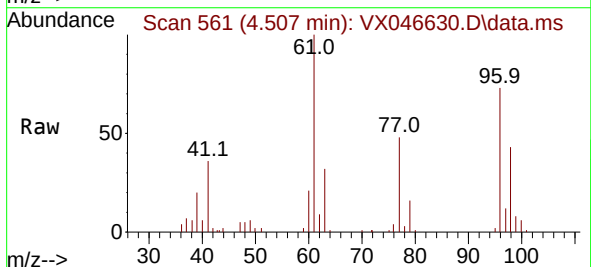
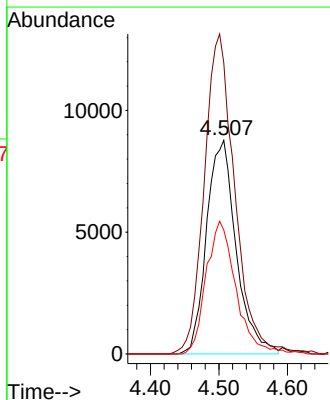
Manual Integrations
APPROVED

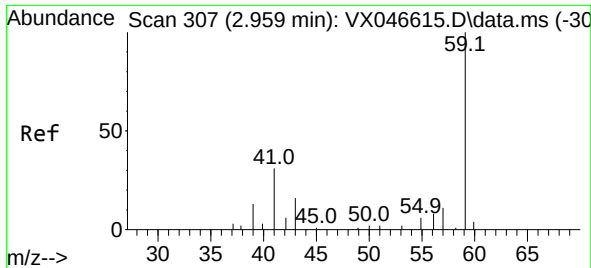
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#22
cis-1,2-Dichloroethene
Concen: 18.597 ug/l
RT: 4.507 min Scan# 561
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion: 96 Resp: 26321
Ion Ratio Lower Upper
96 100
61 152.7 118.6 177.8
98 62.4 49.6 74.4





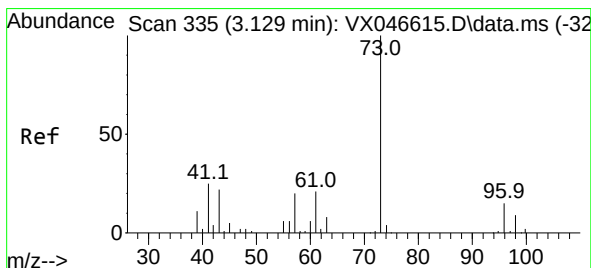
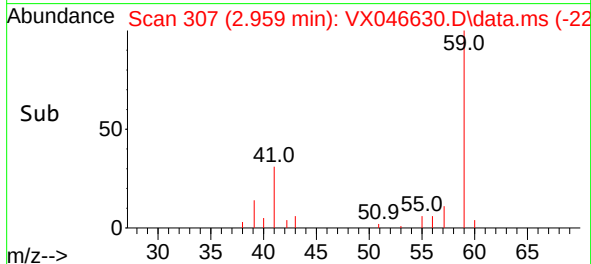
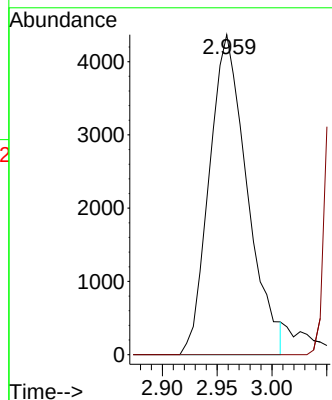
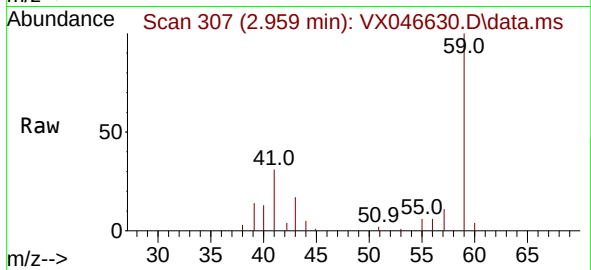
#23
tert-Butyl Alcohol
Concen: 85.639 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tgt Ion: 59 Resp: 10490
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

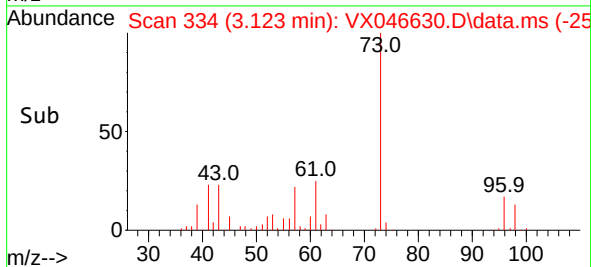
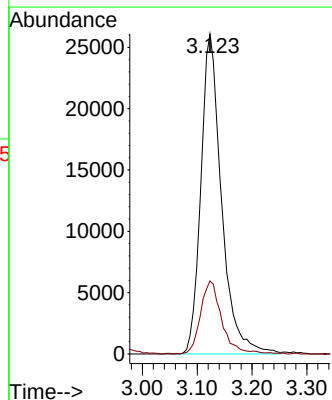
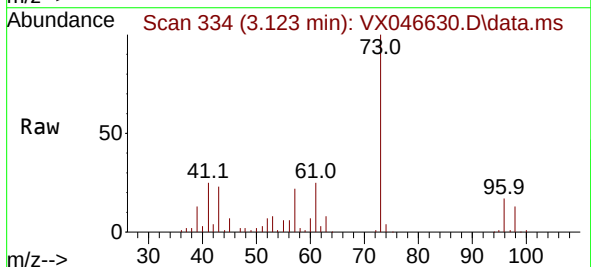
Manual Integrations
APPROVED

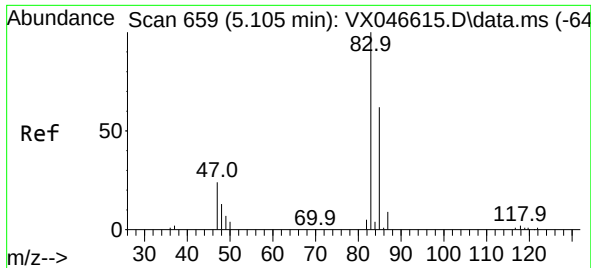
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#24
Methyl tert-Butyl Ether
Concen: 19.058 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion: 73 Resp: 68202
Ion Ratio Lower Upper
73 100
43 22.9 18.4 27.6





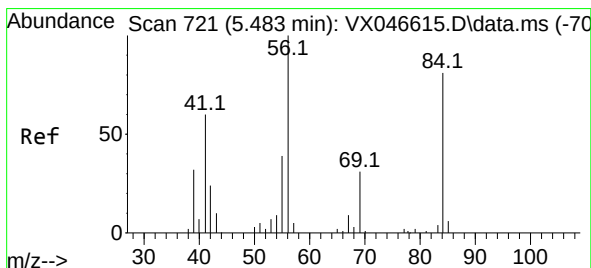
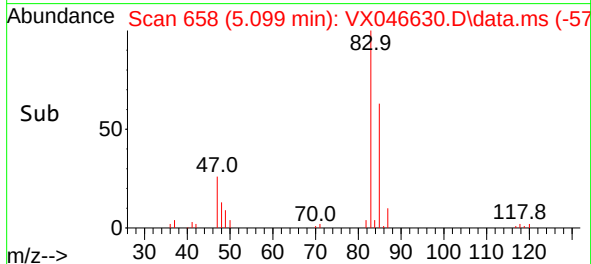
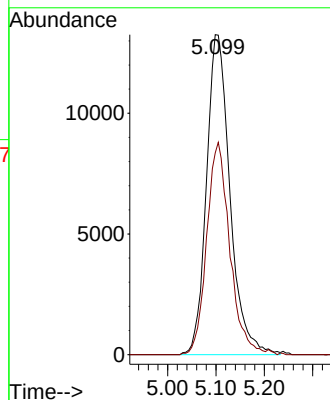
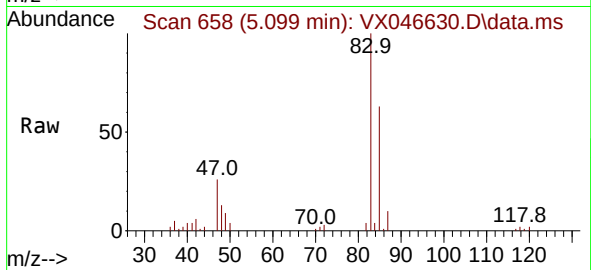
#25
Chloroform
Concen: 18.891 ug/l
RT: 5.099 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tgt Ion: 83 Resp: 4480
Ion Ratio Lower Upper
83 100
85 63.0 49.8 74.6

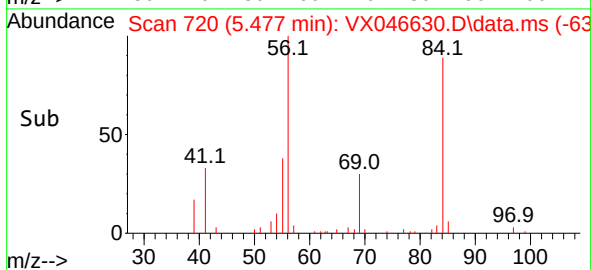
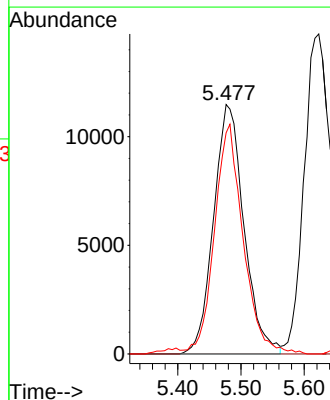
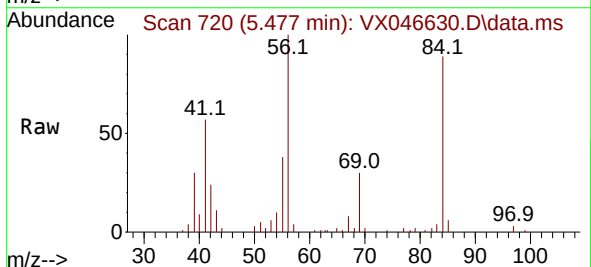
Manual Integrations
APPROVED

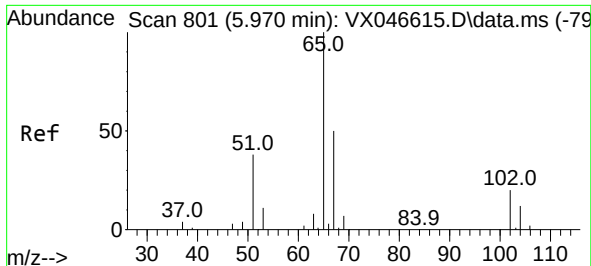
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#26
Cyclohexane
Concen: 18.211 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion: 56 Resp: 38282
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.9 67.4 101.0





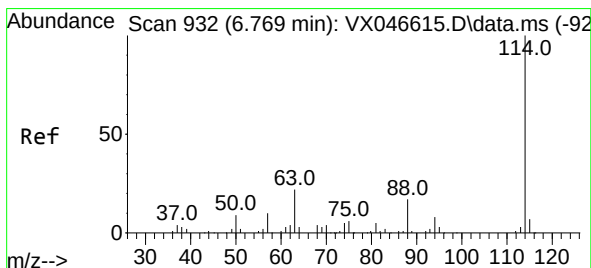
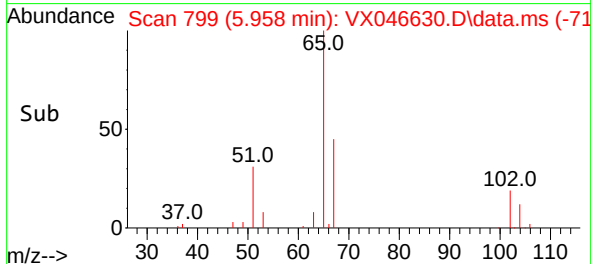
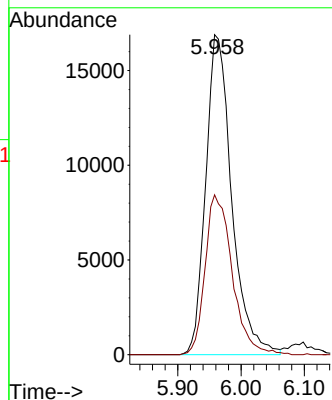
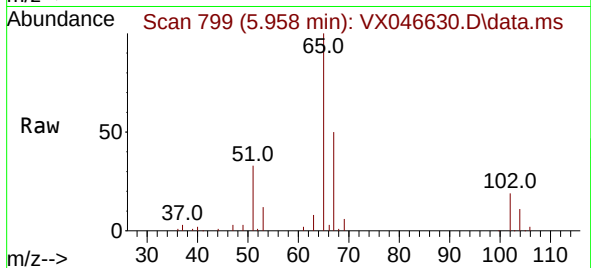
#27
1,2-Dichloroethane-d4
Concen: 30.431 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.012 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tgt Ion: 65 Resp: 48340
Ion Ratio Lower Upper
65 100
67 51.5 41.4 62.2

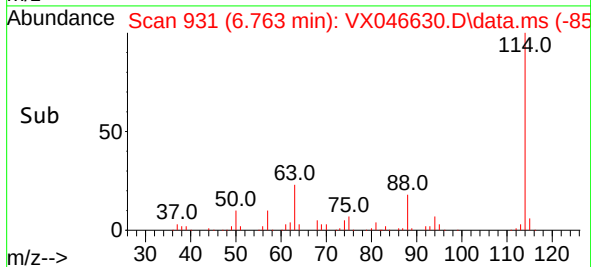
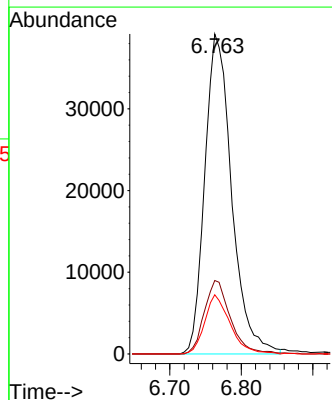
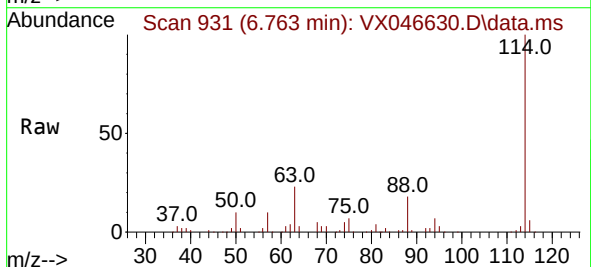
Manual Integrations
APPROVED

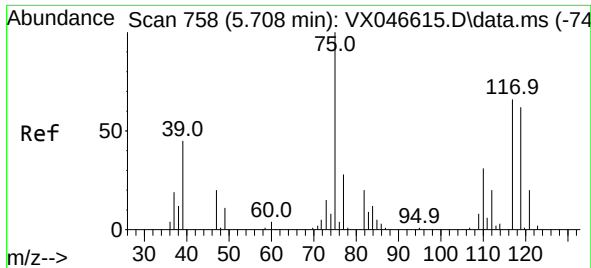
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

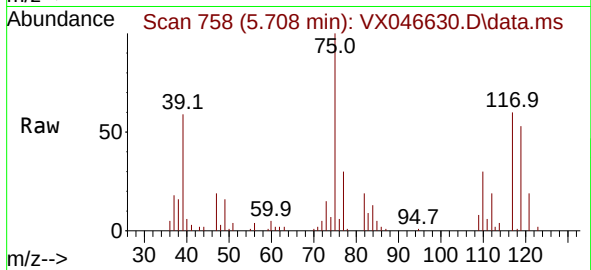
Tgt Ion:114 Resp: 102297
Ion Ratio Lower Upper
114 100
63 22.0 18.1 27.1
88 17.5 14.1 21.1





#29
 1,1-Dichloropropene
 Concen: 18.873 ug/l
 RT: 5.708 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VX046630.D
 Acq: 11 Jun 2025 12:09

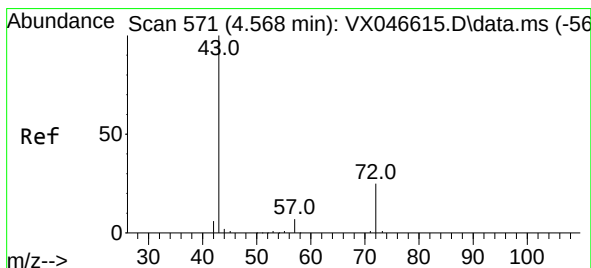
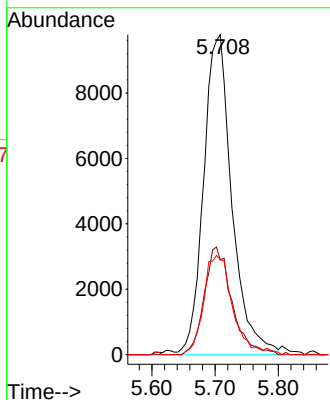
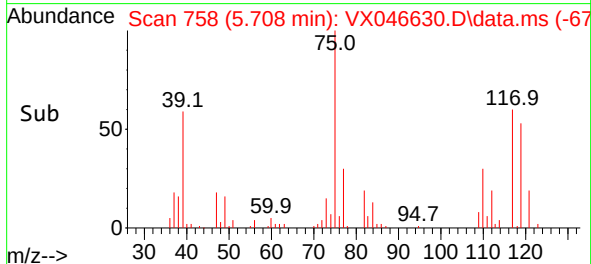
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01



Tgt Ion: 75 Resp: 30370
 Ion Ratio Lower Upper
 75 100
 110 32.8 0.0 65.4
 77 30.5 0.0 59.8

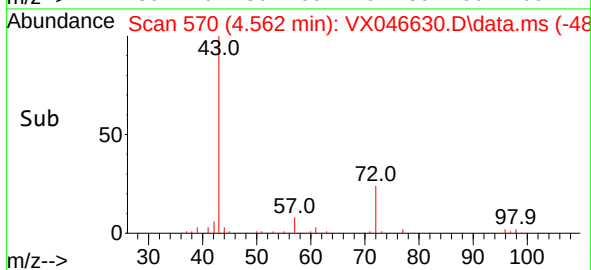
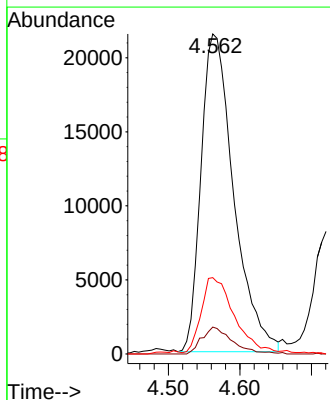
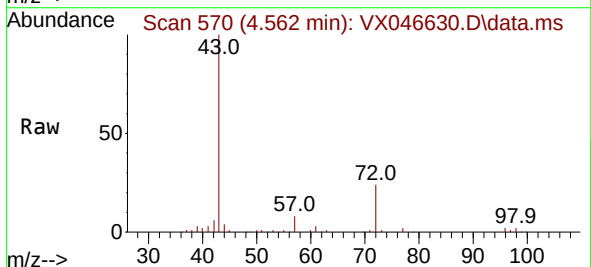
Manual Integrations
 APPROVED

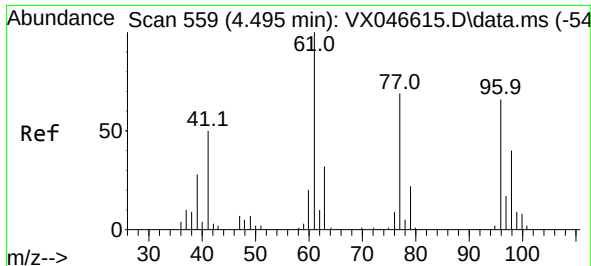
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025



#30
 2-Butanone
 Concen: 95.084 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. -0.006 min
 Lab File: VX046630.D
 Acq: 11 Jun 2025 12:09

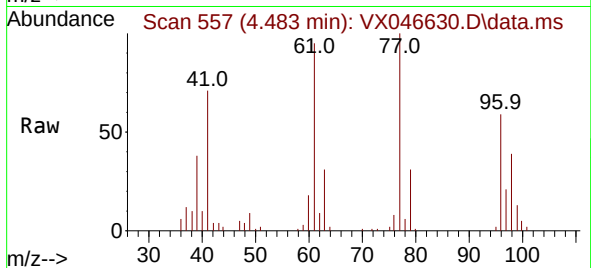
Tgt Ion: 43 Resp: 68191
 Ion Ratio Lower Upper
 43 100
 57 7.6 5.8 8.6
 72 23.8 19.4 29.2





#31
2,2-Dichloropropane
Concen: 21.357 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

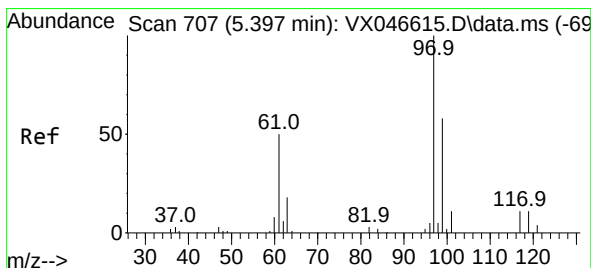
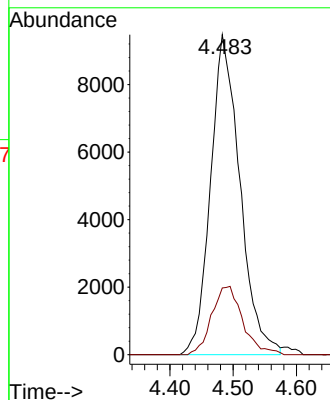
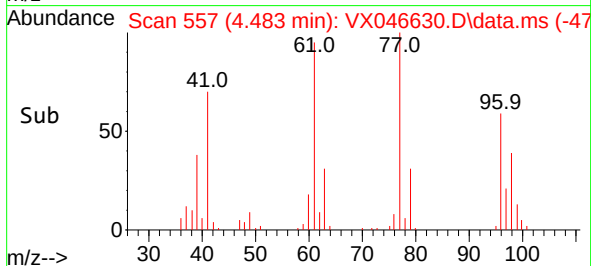
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



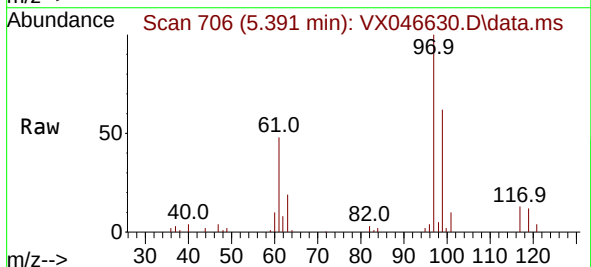
Tgt Ion: 77 Resp: 30510
Ion Ratio Lower Upper
77 100
97 21.8 18.6 27.8

Manual Integrations
APPROVED

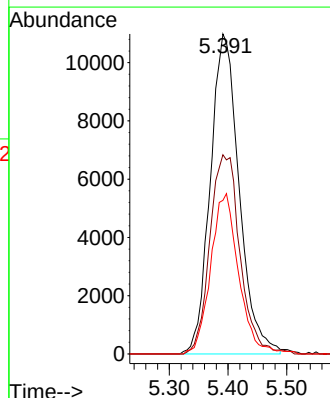
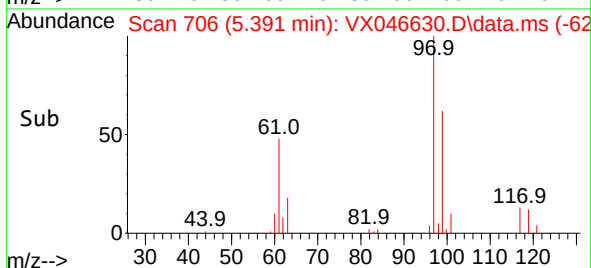
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

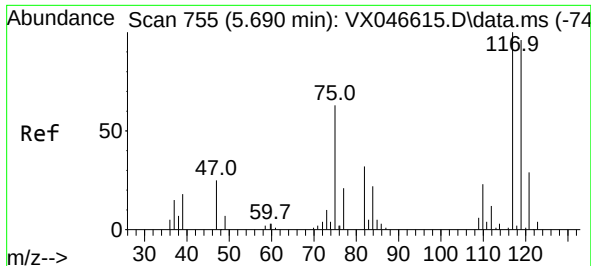


#32
1,1,1-Trichloroethane
Concen: 18.842 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09



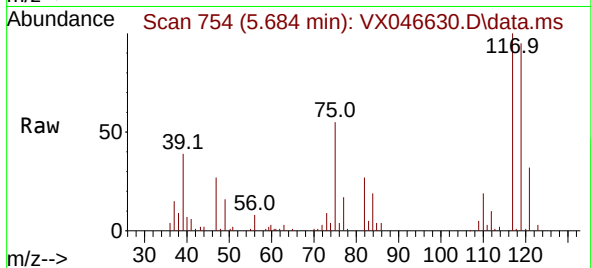
Tgt Ion: 97 Resp: 37471
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 48.7 39.5 59.3





#33
Carbon Tetrachloride
Concen: 18.980 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

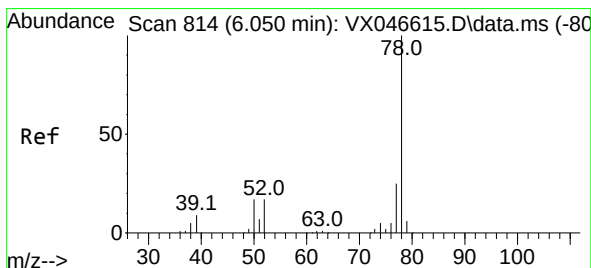
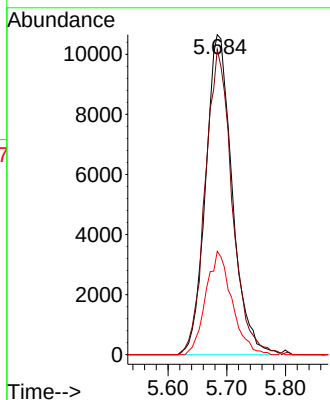
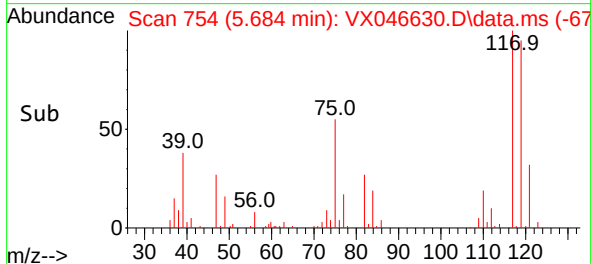
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion:117 Resp: 33498
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7
121 32.3 23.2 34.8

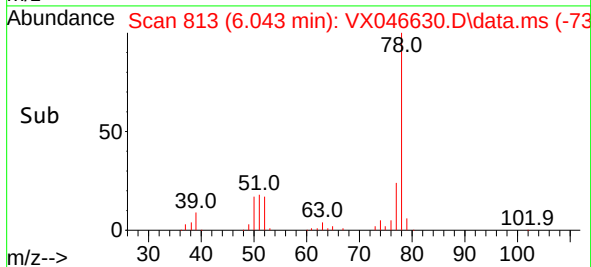
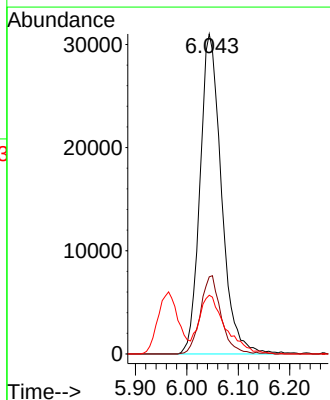
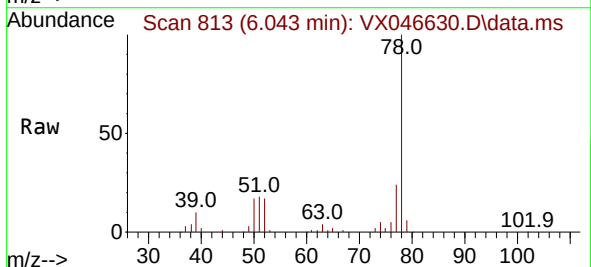
Manual Integrations
APPROVED

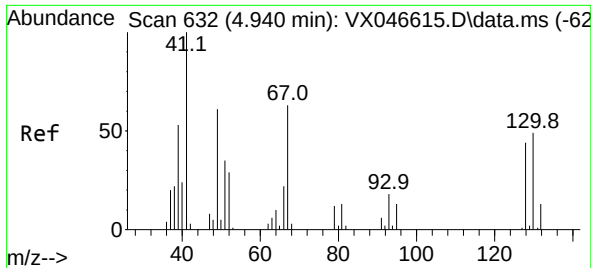
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#34
Benzene
Concen: 18.974 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

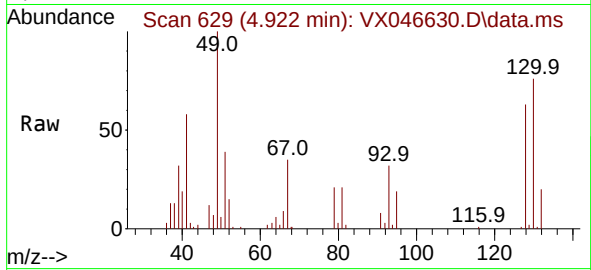
Tgt Ion: 78 Resp: 89723
Ion Ratio Lower Upper
78 100
77 24.1 19.8 29.8
51 18.3 14.7 22.1





#35
Methacrylonitrile
Concen: 19.304 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

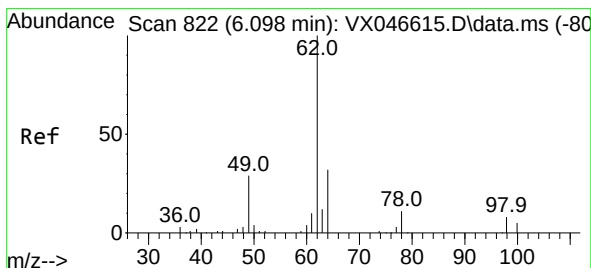
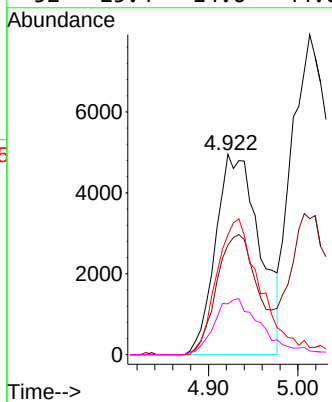
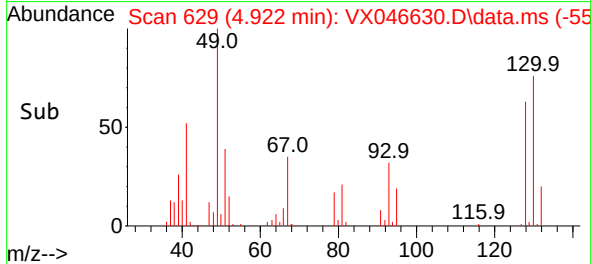
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion: 41	Resp: 16970
Ion Ratio	Lower Upper
41	100
39	54.8 26.4 79.2
67	59.9 31.4 94.3
52	25.4 14.6 44.0

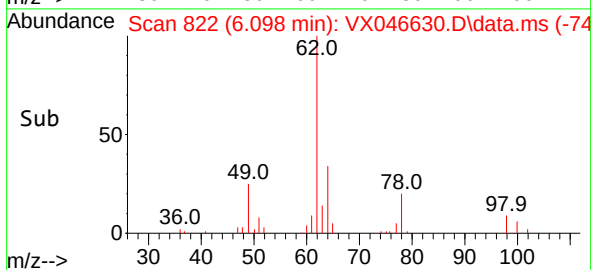
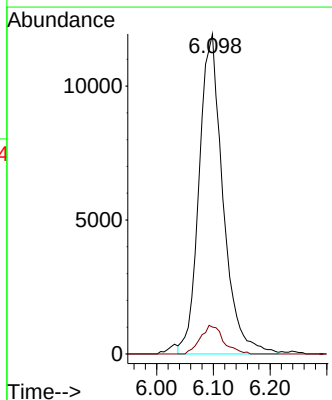
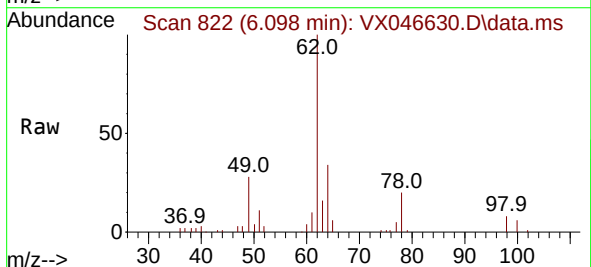
Manual Integrations
APPROVED

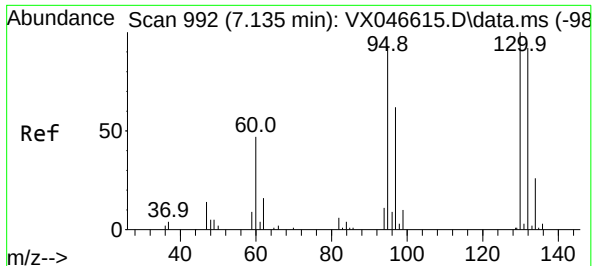
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#36
1,2-Dichloroethane
Concen: 19.529 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

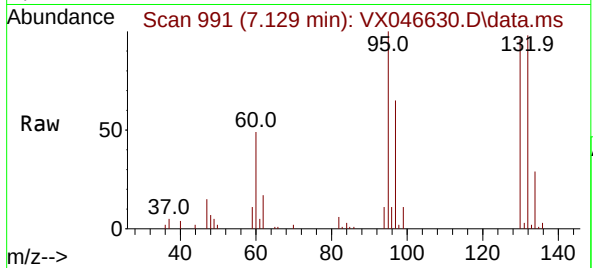
Tgt Ion: 62	Resp: 34939
Ion Ratio	Lower Upper
62	100
98	8.6 6.5 9.7





#37
Trichloroethene
Concen: 18.680 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

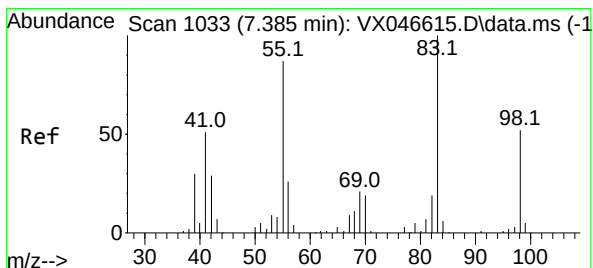
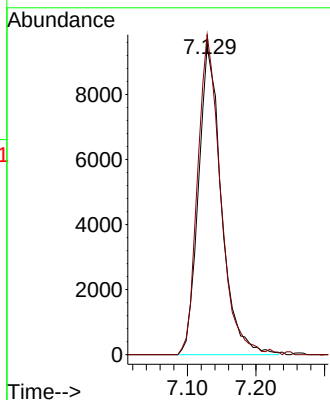
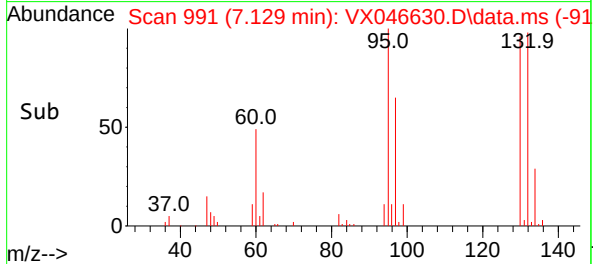
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



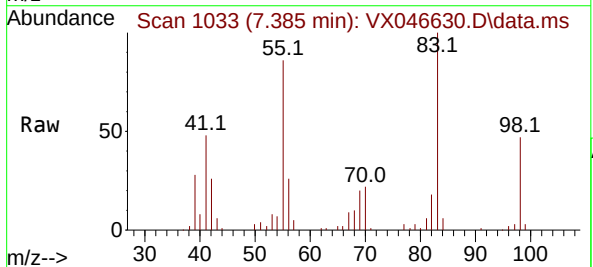
Tgt Ion:130 Resp: 2216
Ion Ratio Lower Upper
130 100
95 103.7 74.7 112.1

Manual Integrations
APPROVED

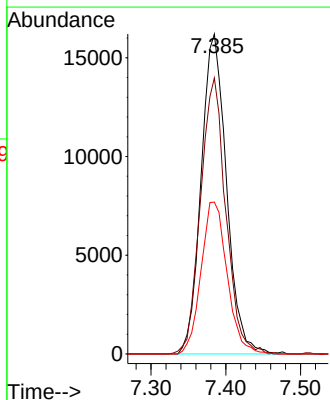
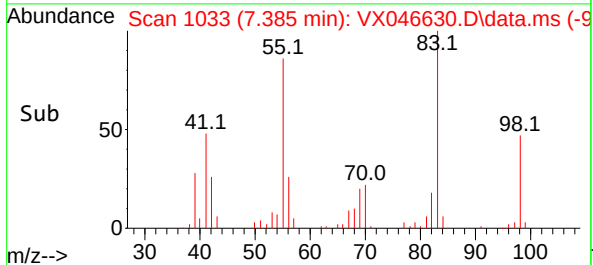
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

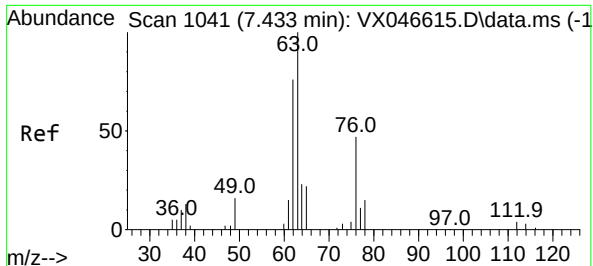


#38
Methylcyclohexane
Concen: 18.675 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09



Tgt Ion: 83 Resp: 38152
Ion Ratio Lower Upper
83 100
55 86.1 42.6 128.0
98 48.8 24.8 74.3





#39

1,2-Dichloropropane

Concen: 19.063 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tgt Ion: 63 Resp: 2248

Ion Ratio Lower Upper

63 100

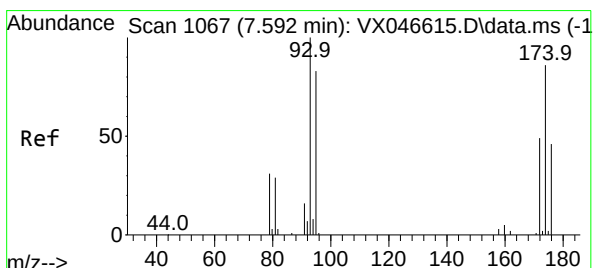
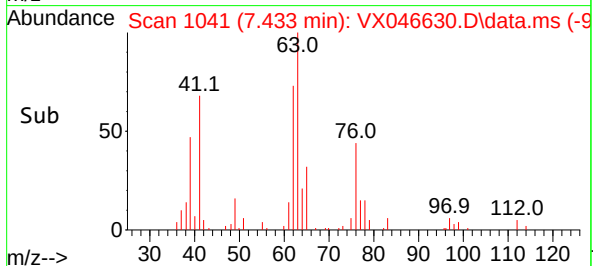
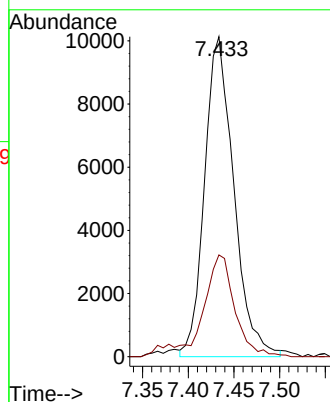
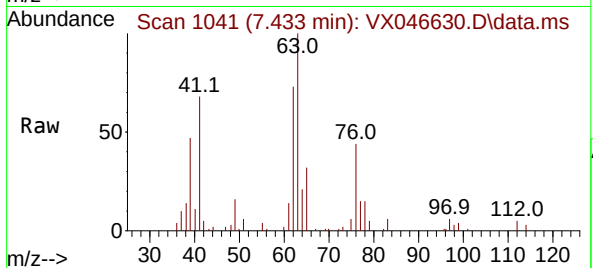
65 31.9 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#40

Dibromomethane

Concen: 18.880 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

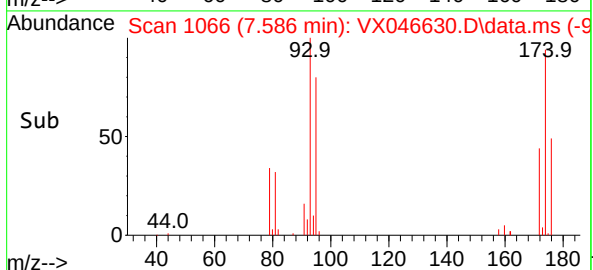
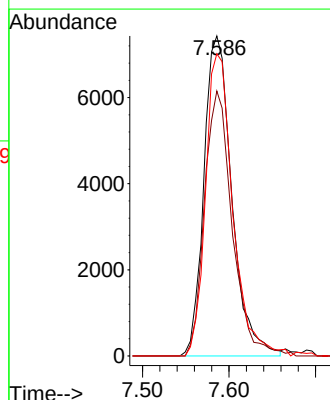
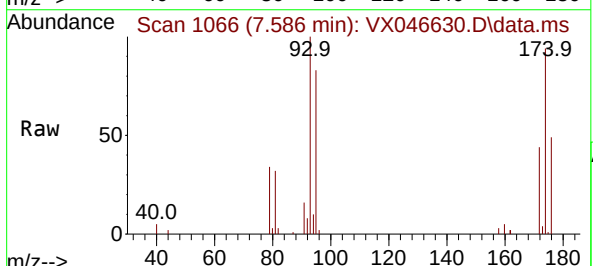
Tgt Ion: 93 Resp: 16649

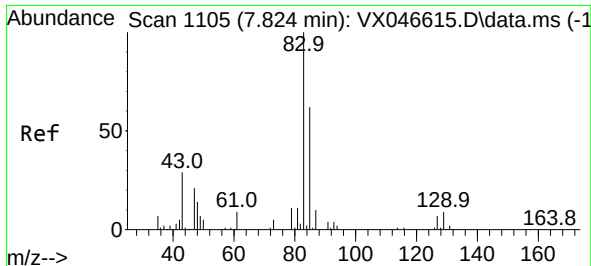
Ion Ratio Lower Upper

93 100

95 82.5 0.0 164.8

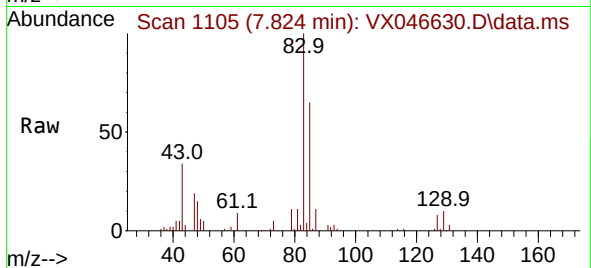
174 91.7 0.0 176.0





#41
Bromodichloromethane
Concen: 19.477 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

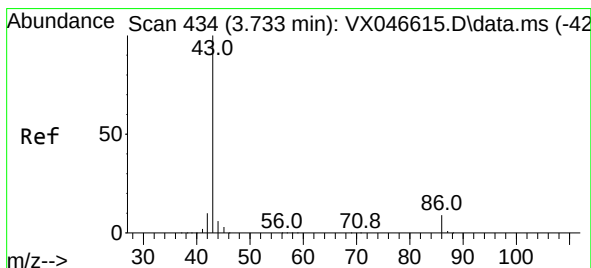
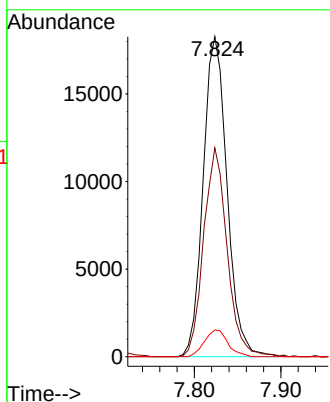
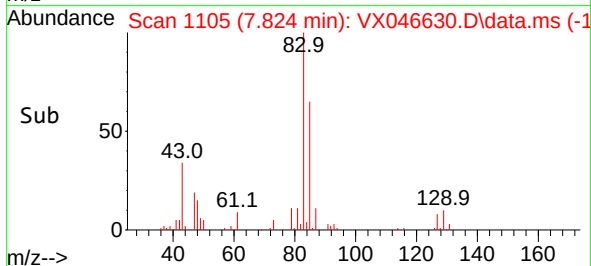
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



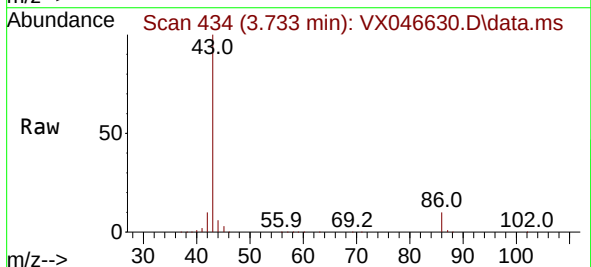
Tgt Ion: 83 Resp: 34992
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 8.4 5.5 8.3

Manual Integrations
APPROVED

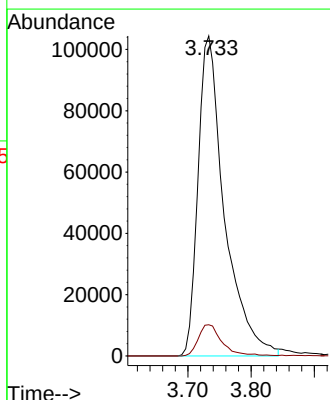
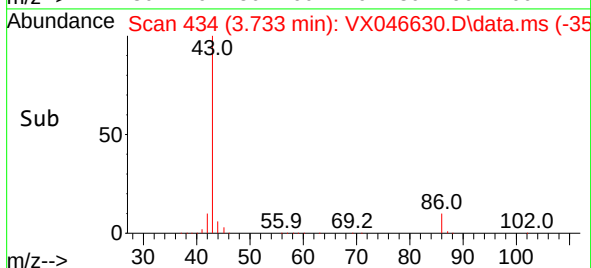
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

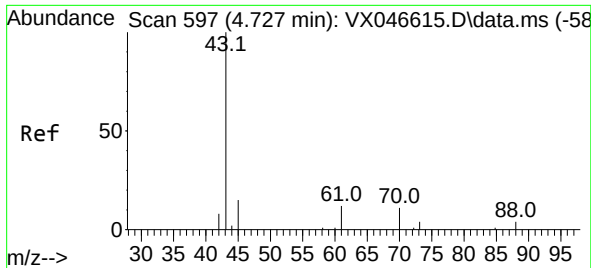


#42
Vinyl Acetate
Concen: 98.081 ug/l
RT: 3.733 min Scan# 434
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09



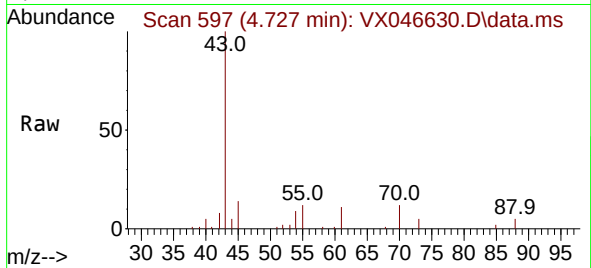
Tgt Ion: 43 Resp: 303519
Ion Ratio Lower Upper
43 100
86 8.5 6.4 9.6





#43
Ethyl Acetate
Concen: 19.581 ug/l m
RT: 4.727 min Scan# 597
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

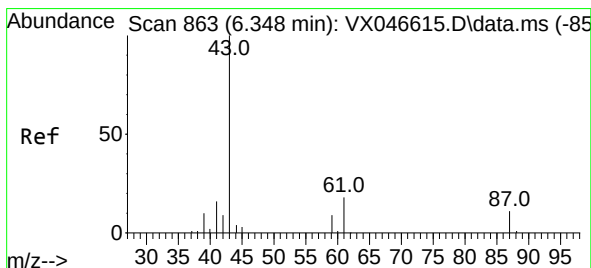
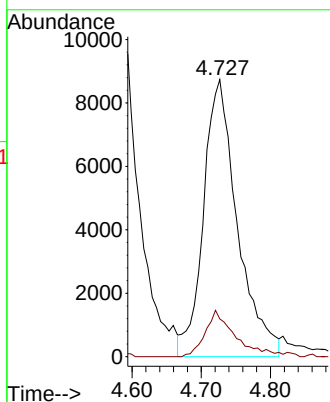
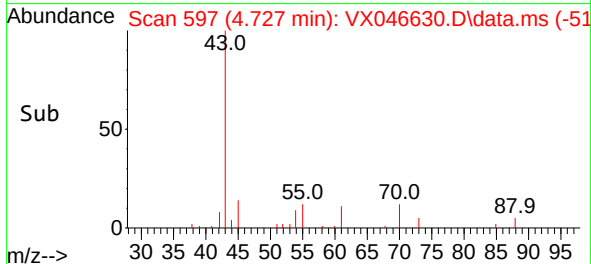
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion: 43 Resp: 2974
Ion Ratio Lower Upper
43 100
45 13.9 7.9 11.9

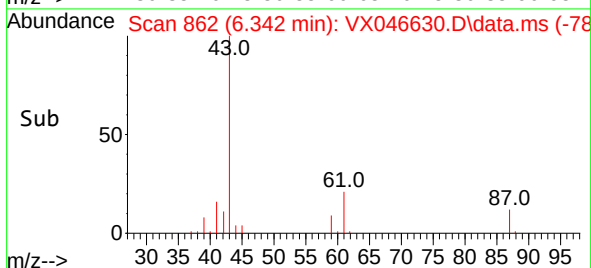
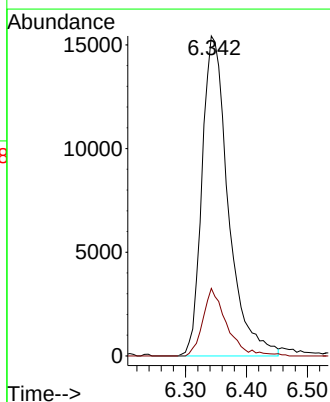
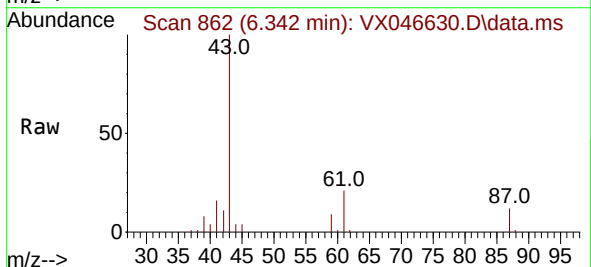
Manual Integrations
APPROVED

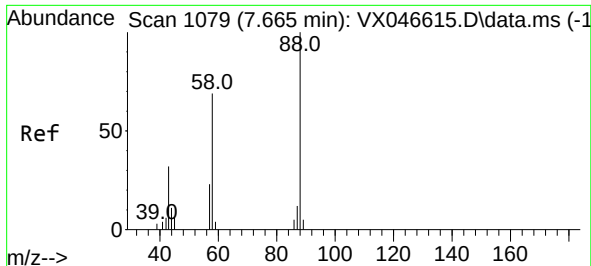
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#44
Isopropyl Acetate
Concen: 19.473 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

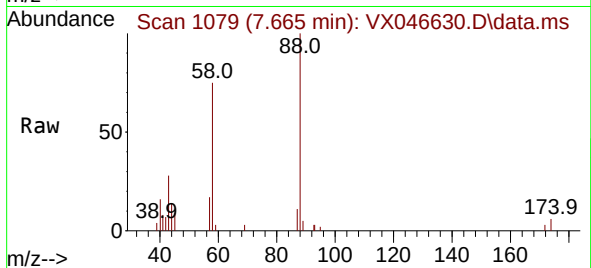
Tgt Ion: 43 Resp: 46272
Ion Ratio Lower Upper
43 100
61 18.2 15.0 22.4





#45
1,4-Dioxane
Concen: 357.802 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

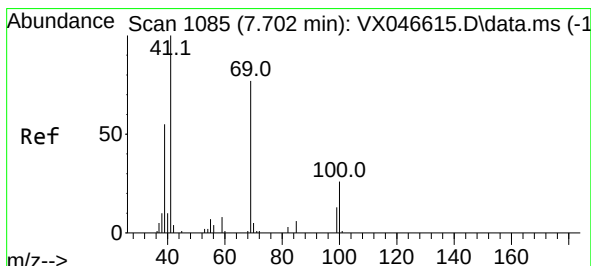
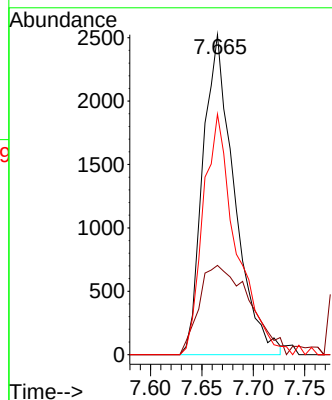
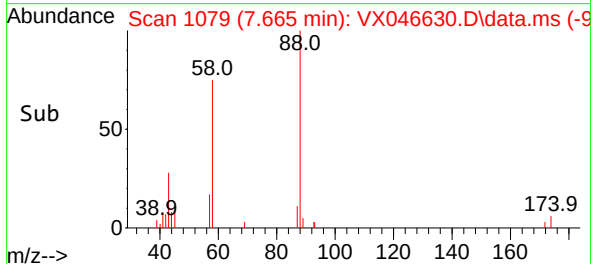
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion: 88 Resp: 536
Ion Ratio Lower Upper
88 100
43 44.8 21.6 32.4
58 78.6 60.8 91.2

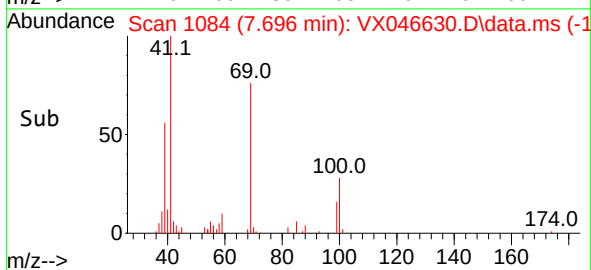
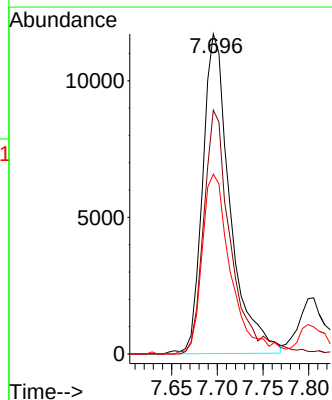
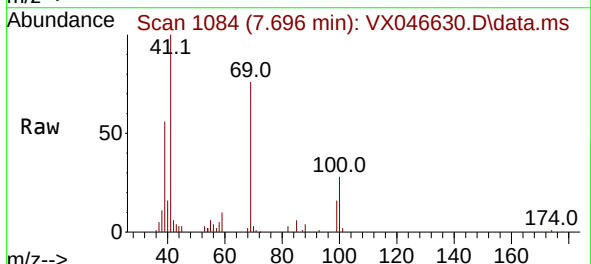
Manual Integrations
APPROVED

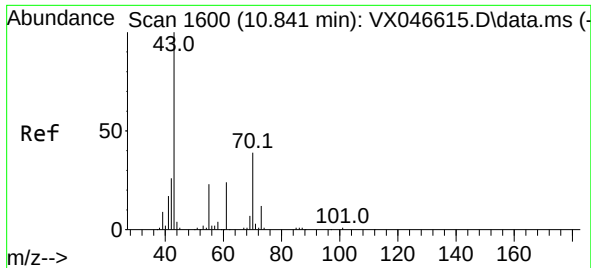
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#46
Methyl methacrylate
Concen: 18.748 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion: 41 Resp: 24324
Ion Ratio Lower Upper
41 100
69 76.8 38.7 116.1
39 55.9 27.7 83.1





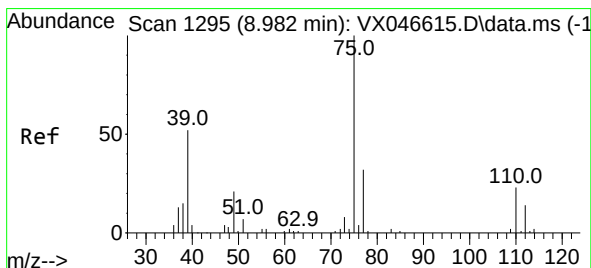
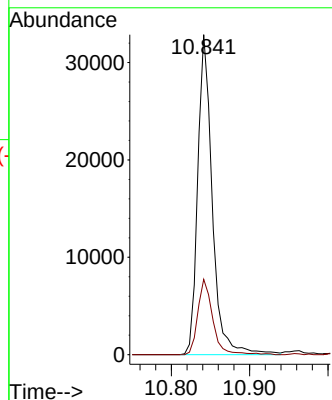
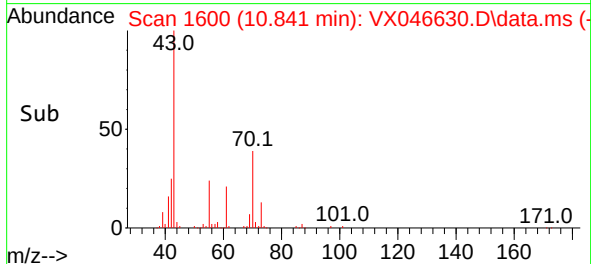
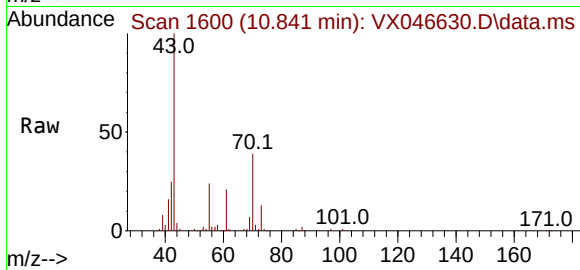
#47
n-amy1 Acetate
Concen: 20.062 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tgt Ion: 43 Resp: 4264
Ion Ratio Lower Upper
43 100
55 23.8 19.4 29.2

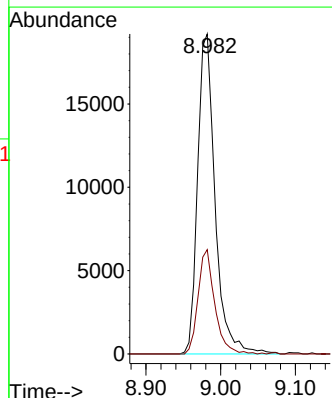
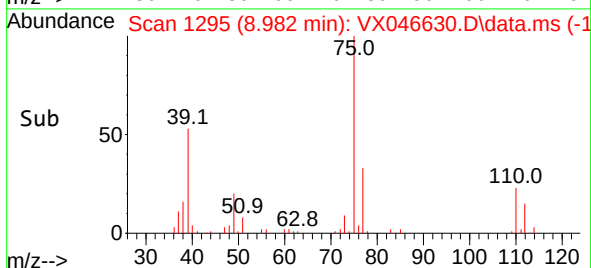
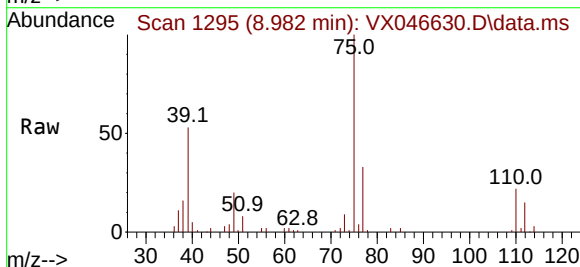
Manual Integrations
APPROVED

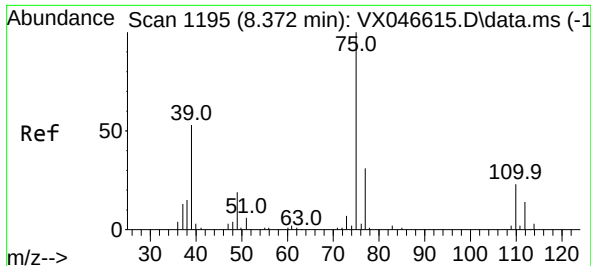
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#48
t-1,3-Dichloropropene
Concen: 19.334 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion: 75 Resp: 31138
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 19.319 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tgt Ion: 75 Resp: 3473

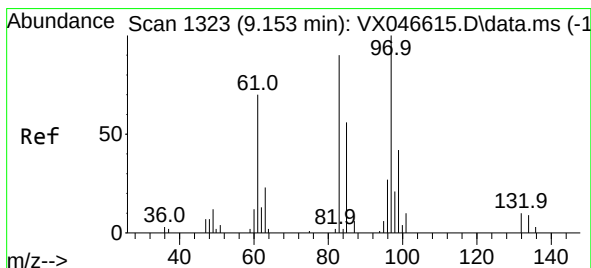
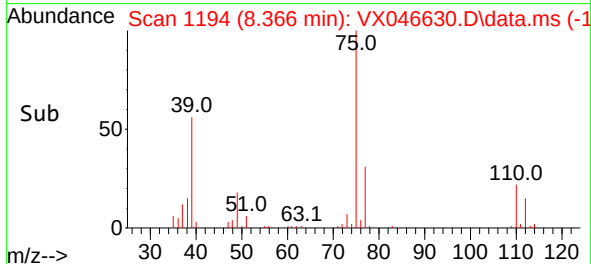
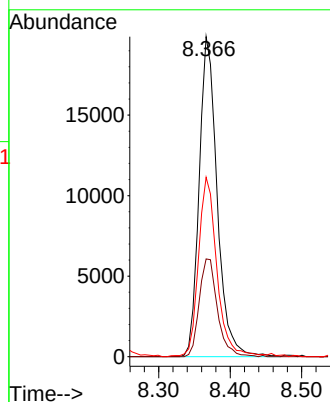
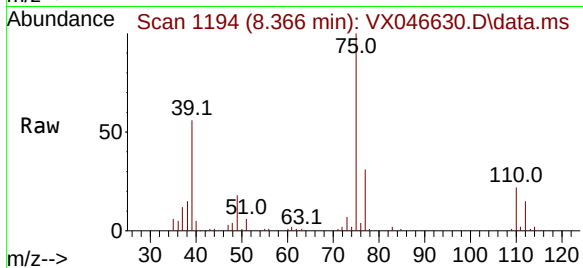
Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.6	36.8
39	55.7	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#50

1,1,2-Trichloroethane

Concen: 18.841 ug/l

RT: 9.153 min Scan# 1323

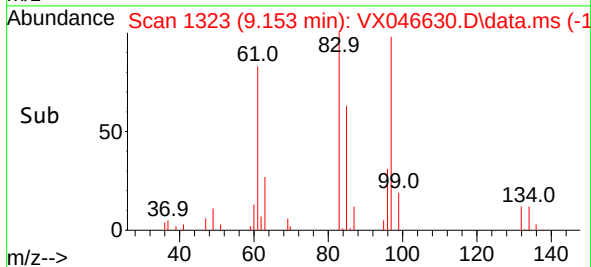
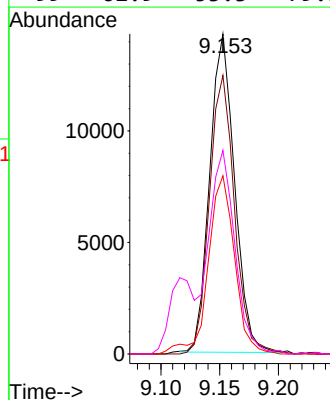
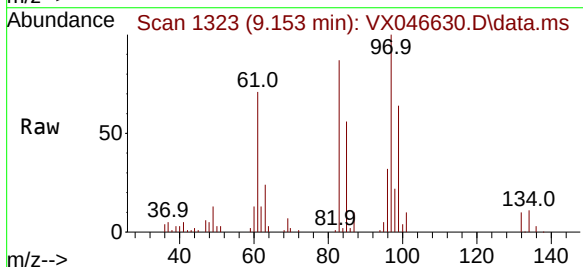
Delta R.T. 0.000 min

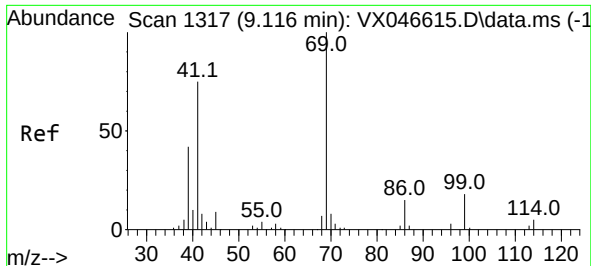
Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

Tgt Ion: 97 Resp: 20940

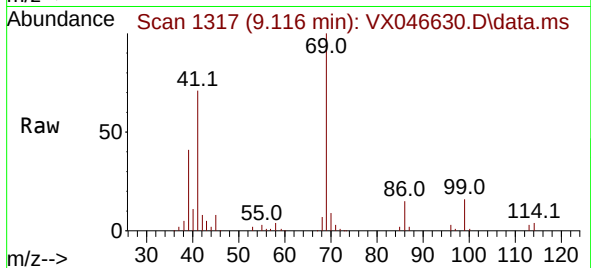
Ion	Ratio	Lower	Upper
97	100		
83	87.6	72.1	108.1
85	56.0	47.5	71.3
99	62.9	53.3	79.9





#51
Ethyl methacrylate
Concen: 18.723 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

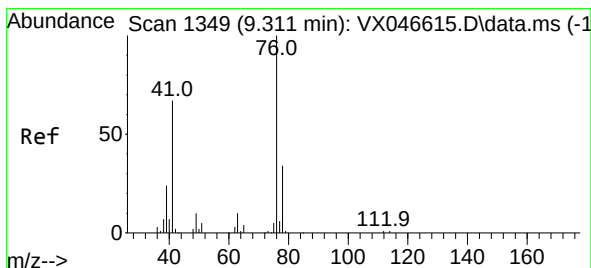
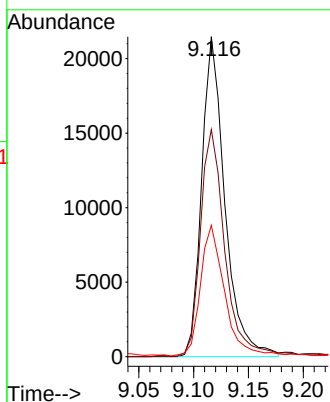
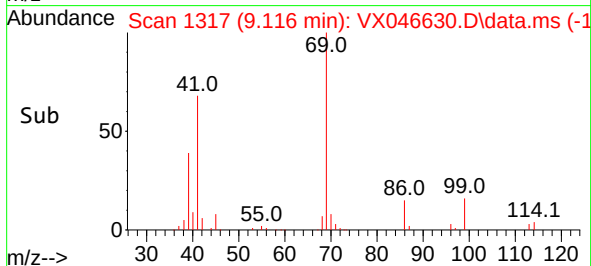
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



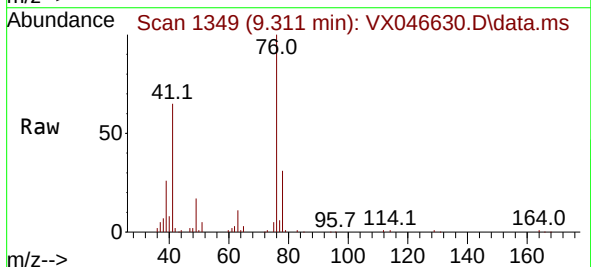
Tgt Ion: 69 Resp: 3164
Ion Ratio Lower Upper
69 100
41 70.7 37.4 112.2
39 40.4 20.8 62.5

Manual Integrations
APPROVED

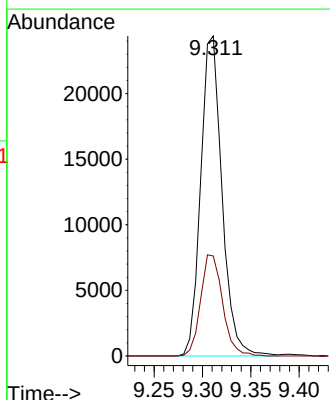
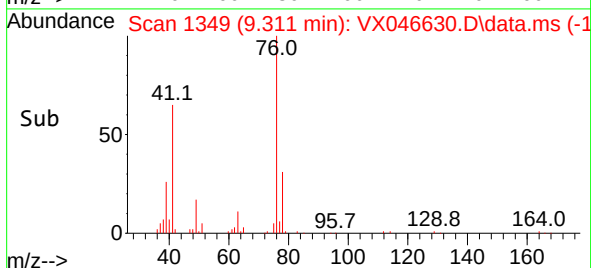
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

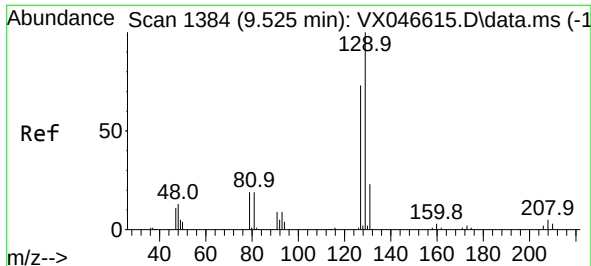


#52
1,3-Dichloropropane
Concen: 19.354 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09



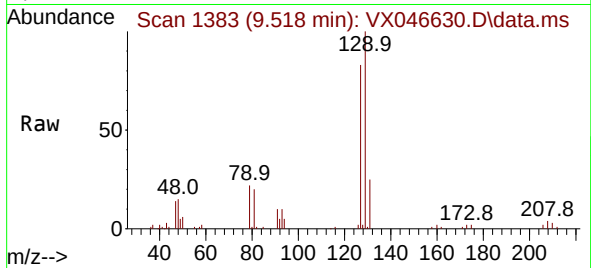
Tgt Ion: 76 Resp: 37466
Ion Ratio Lower Upper
76 100
78 32.6 0.0 62.6





#53
Dibromochloromethane
Concen: 19.361 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

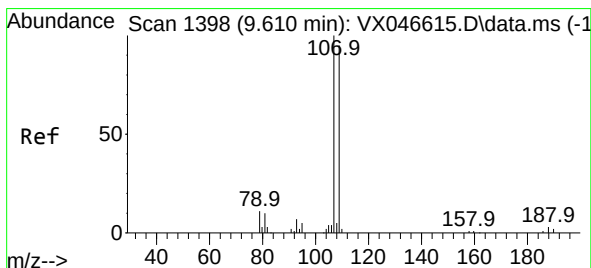
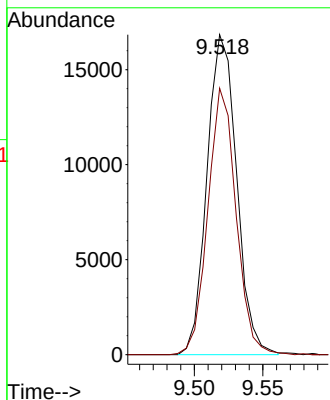
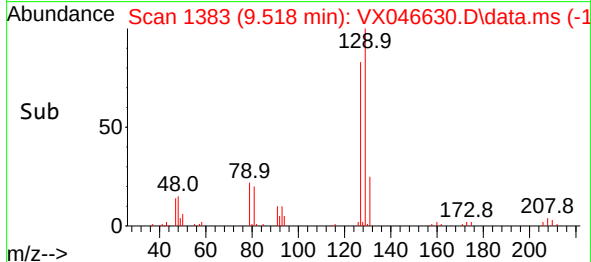
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



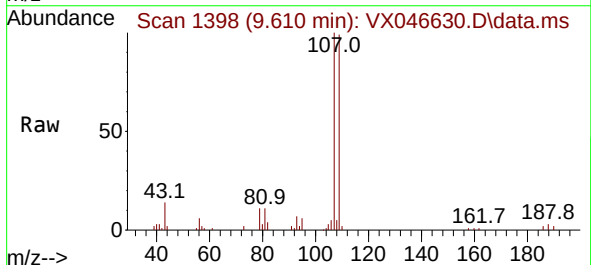
Tgt Ion:129 Resp: 25362
Ion Ratio Lower Upper
129 100
127 79.1 38.3 114.9

Manual Integrations
APPROVED

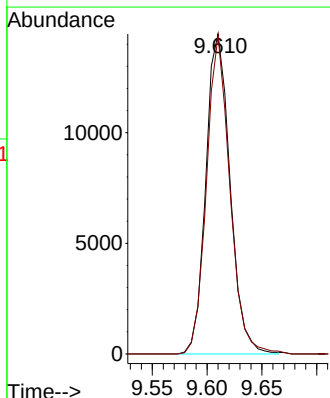
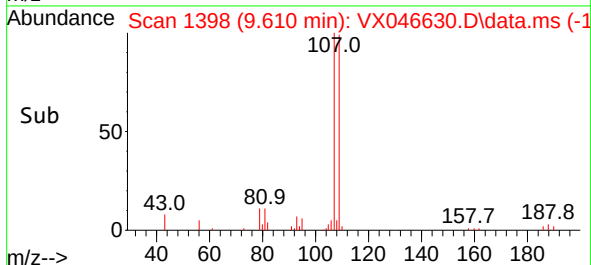
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

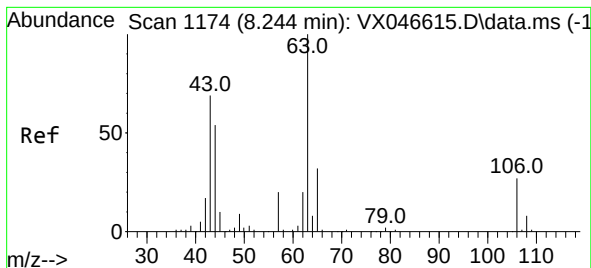


#54
1,2-Dibromoethane
Concen: 18.989 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09



Tgt Ion:107 Resp: 22199
Ion Ratio Lower Upper
107 100
109 95.9 75.8 113.8





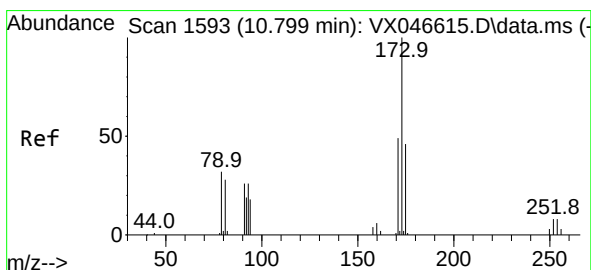
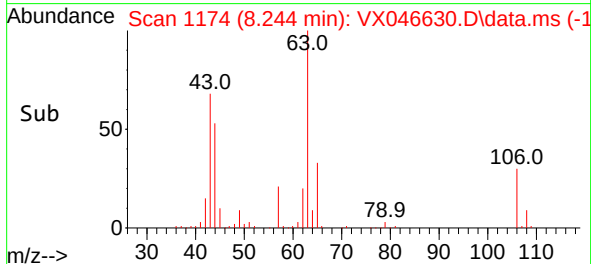
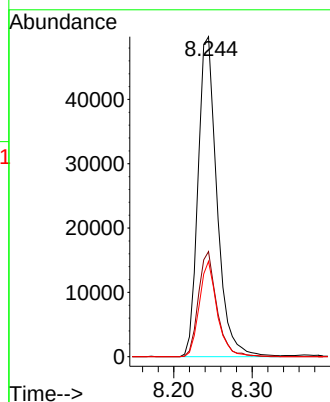
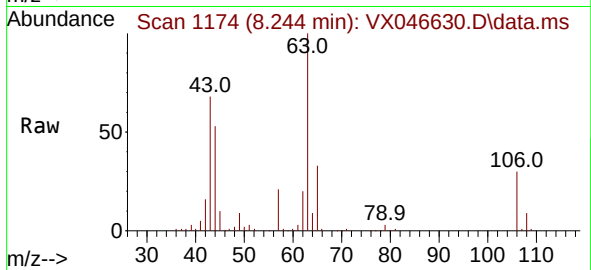
#55
2-Chloroethyl vinyl ether
Concen: 95.060 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tgt Ion: 63 Resp: 8389
Ion Ratio Lower Upper
63 100
65 31.7 25.2 37.8
106 28.1 21.8 32.6

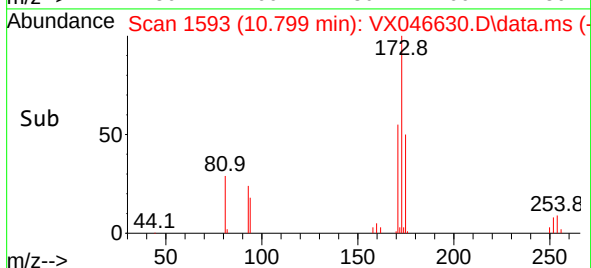
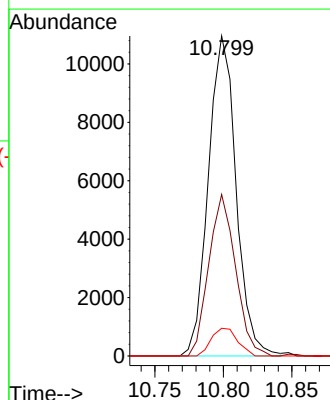
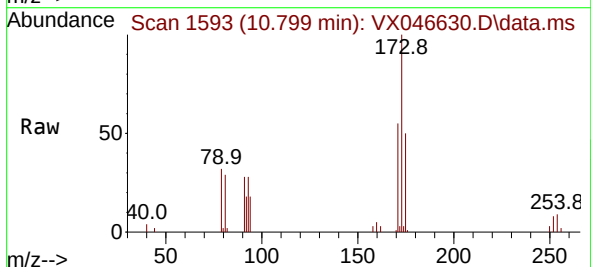
Manual Integrations
APPROVED

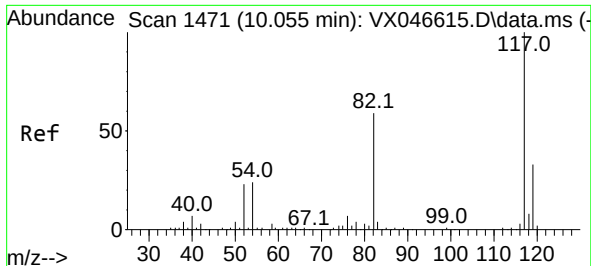
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#56
Bromoform
Concen: 19.080 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion:173 Resp: 15446
Ion Ratio Lower Upper
173 100
175 48.7 38.0 57.0
254 8.2 6.7 10.1





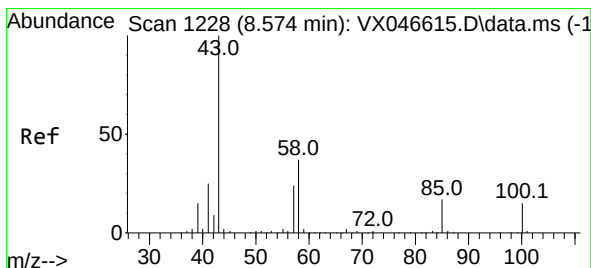
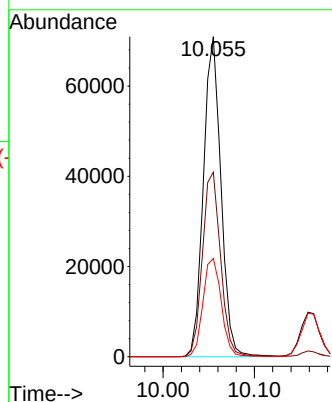
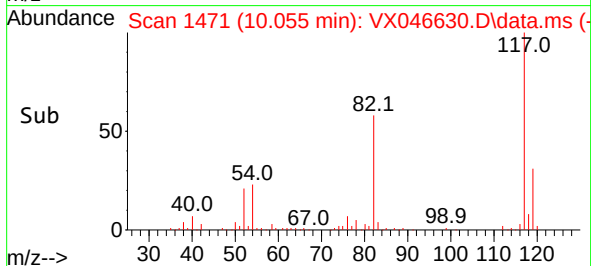
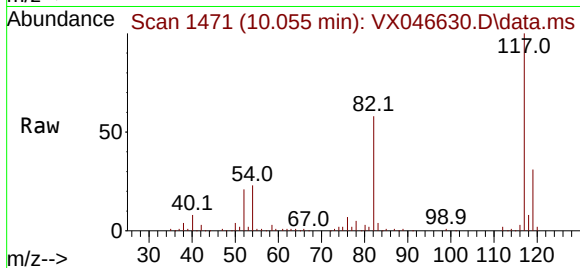
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tgt Ion: 117 Resp: 9451
Ion Ratio Lower Upper
117 100
82 59.5 46.5 69.7
119 32.0 25.8 38.6

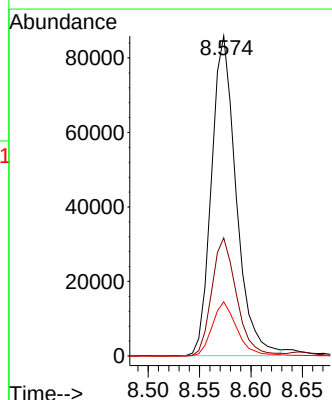
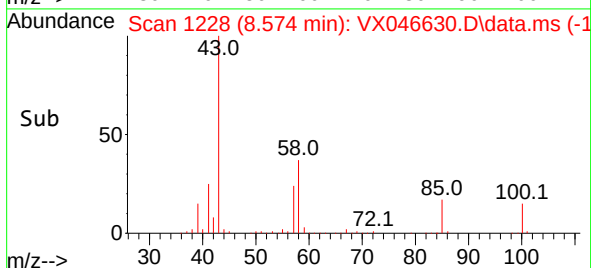
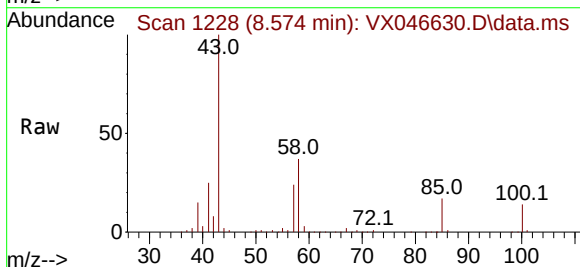
Manual Integrations
APPROVED

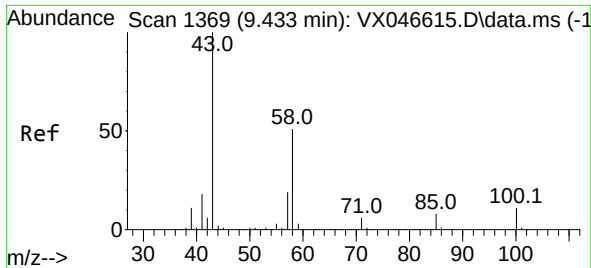
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#58
4-Methyl-2-Pentanone
Concen: 93.476 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

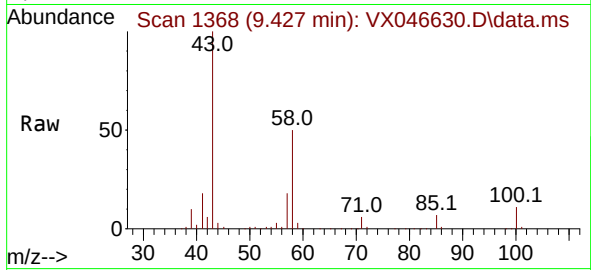
Tgt Ion: 43 Resp: 143709
Ion Ratio Lower Upper
43 100
58 37.2 29.4 44.2
85 17.0 13.3 19.9





#59
2-Hexanone
Concen: 94.211 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

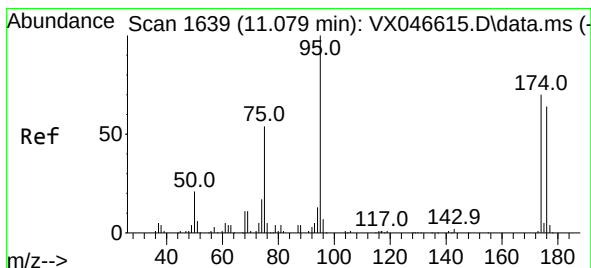
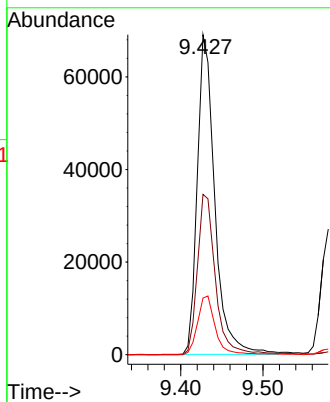
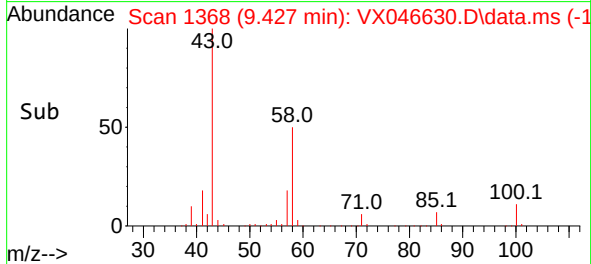
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion: 43 Resp: 102179
Ion Ratio Lower Upper
43 100
58 50.8 39.8 59.8
57 18.7 14.5 21.7

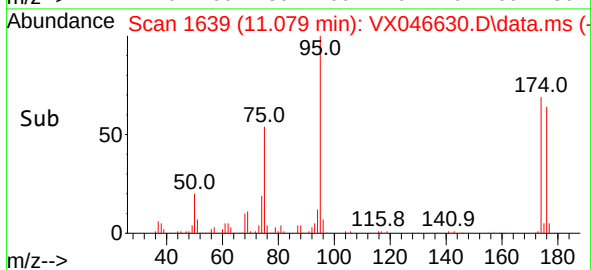
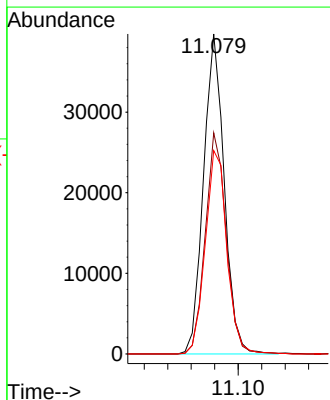
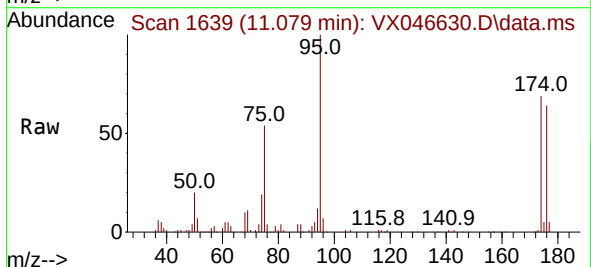
Manual Integrations
APPROVED

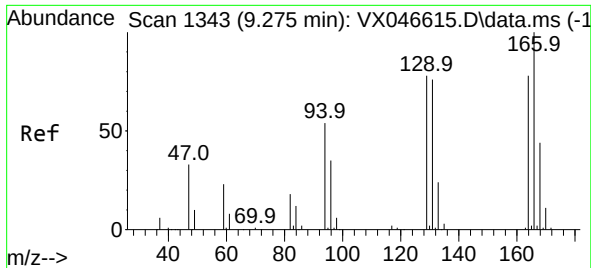
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#60
4-Bromofluorobenzene
Concen: 30.457 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

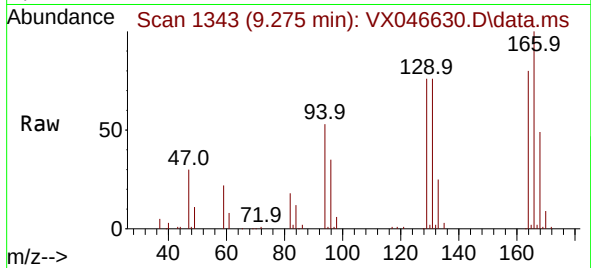
Tgt Ion: 95 Resp: 48521
Ion Ratio Lower Upper
95 100
174 69.9 56.0 84.0
176 66.5 52.2 78.4





#61
Tetrachloroethene
Concen: 18.855 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

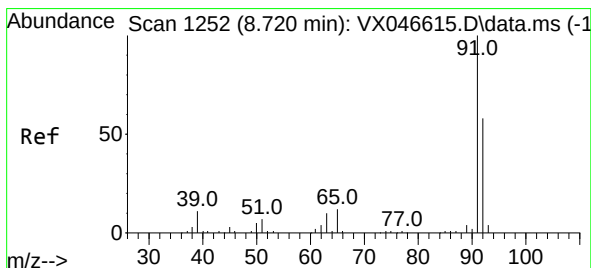
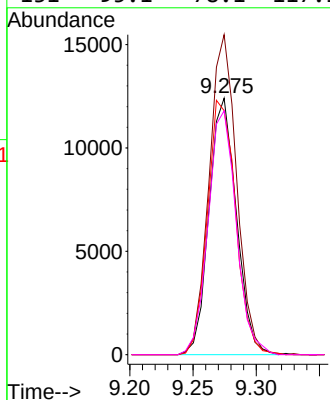
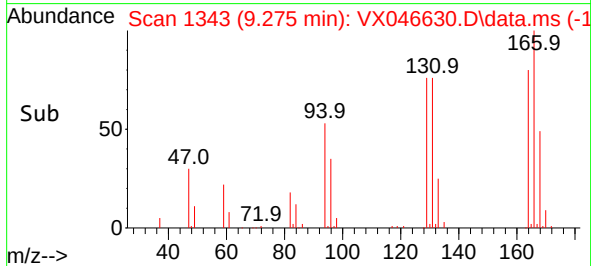
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



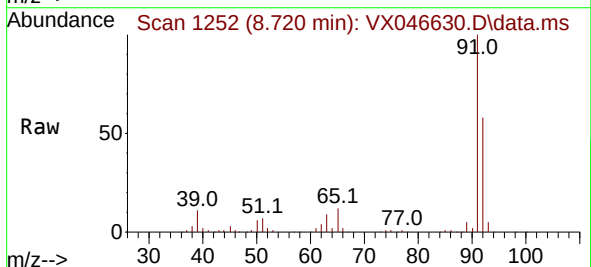
Tgt Ion:164 Resp: 18670
Ion Ratio Lower Upper
164 100
166 124.8 103.1 154.7
129 95.1 80.3 120.5
131 95.1 78.1 117.1

Manual Integrations
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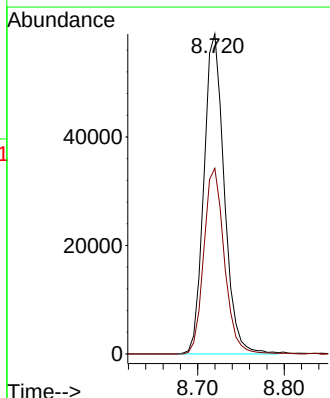
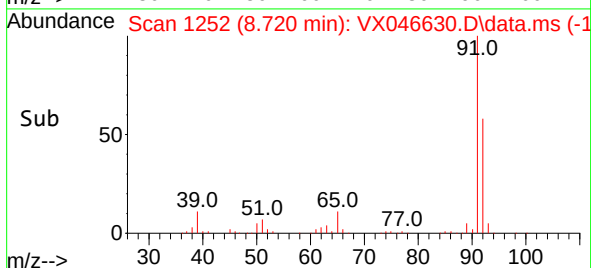
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

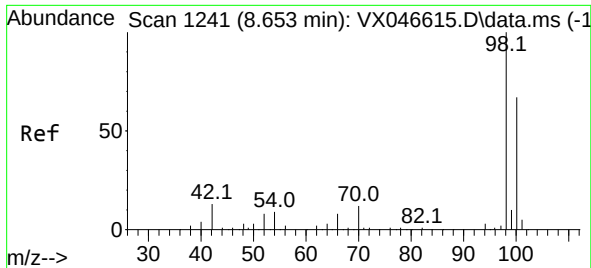


#62
Toluene
Concen: 18.796 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09



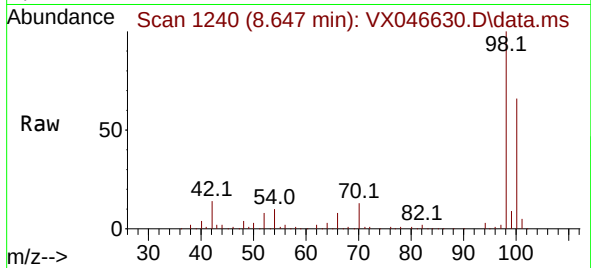
Tgt Ion: 91 Resp: 96278
Ion Ratio Lower Upper
91 100
92 58.5 46.8 70.2





#63
Toluene-d8
Concen: 29.958 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

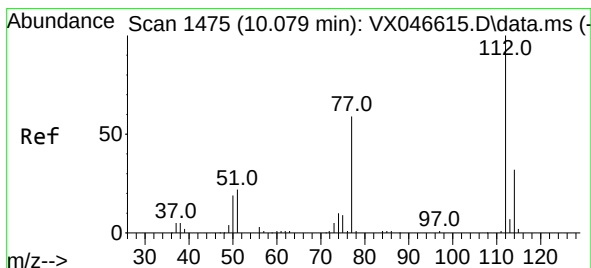
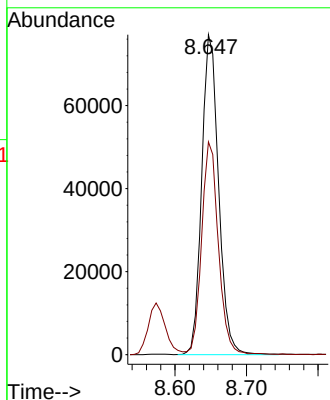
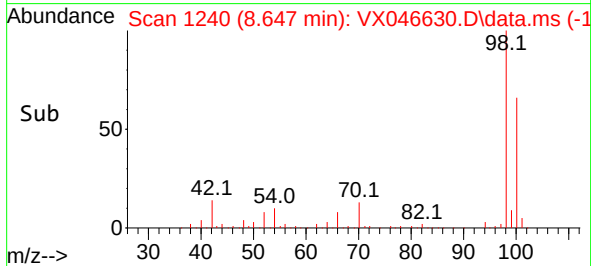
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion: 98 Resp: 126474
Ion Ratio Lower Upper
98 100
100 65.6 52.6 79.0

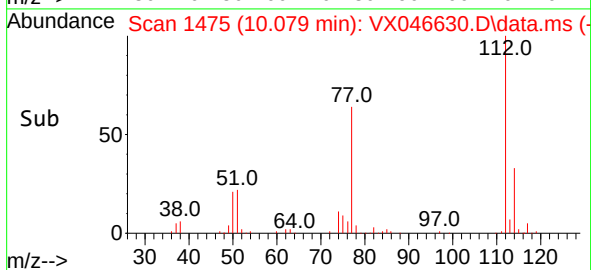
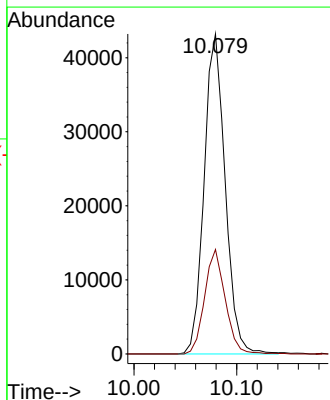
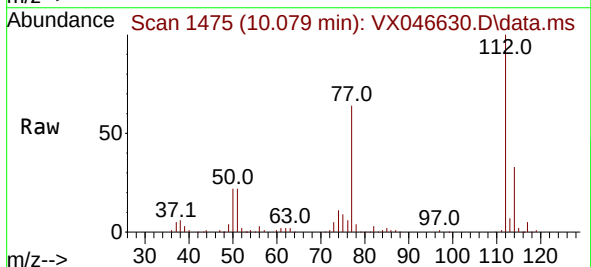
Manual Integrations
APPROVED

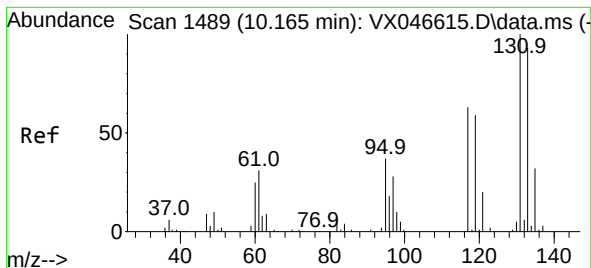
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#64
Chlorobenzene
Concen: 18.637 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion:112 Resp: 61572
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0





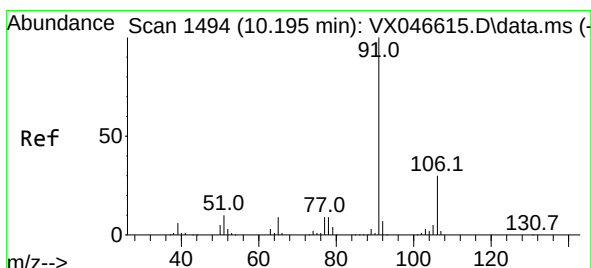
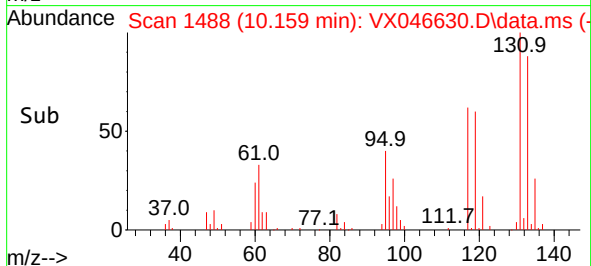
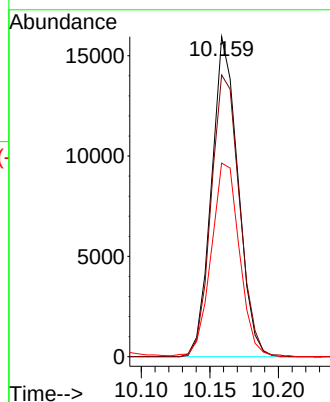
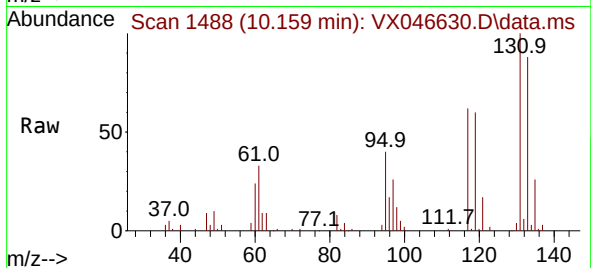
#65
1,1,1,2-Tetrachloroethane
Concen: 19.366 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tgt Ion:131 Resp: 2144
Ion Ratio Lower Upper
131 100
133 94.0 0.0 190.6
119 64.2 0.0 131.2

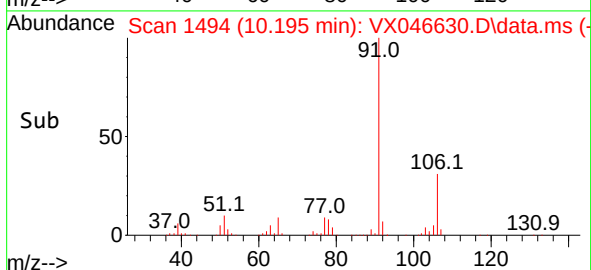
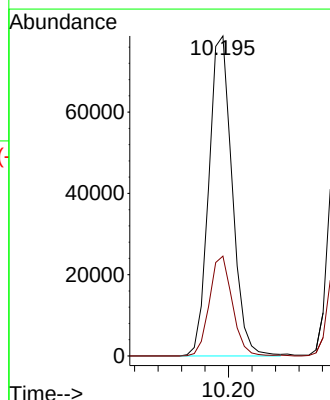
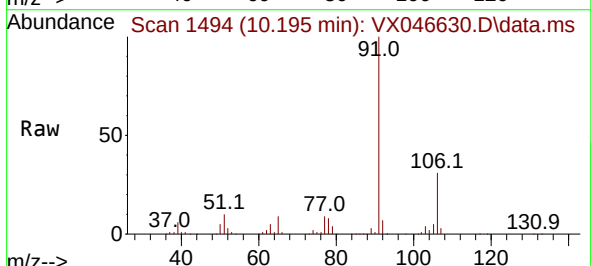
Manual Integrations
APPROVED

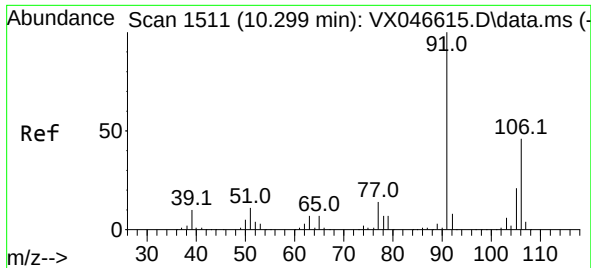
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#66
Ethyl Benzene
Concen: 18.569 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion: 91 Resp: 108605
Ion Ratio Lower Upper
91 100
106 31.2 23.9 35.9





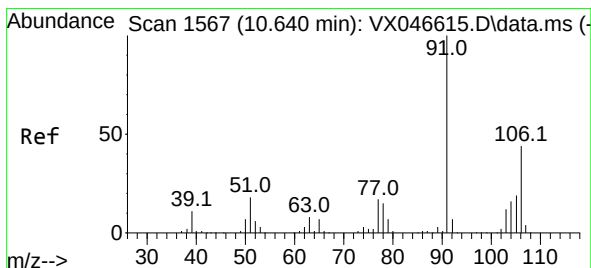
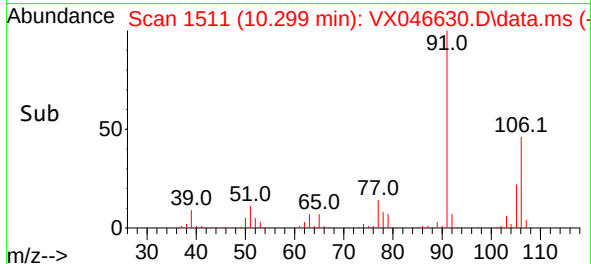
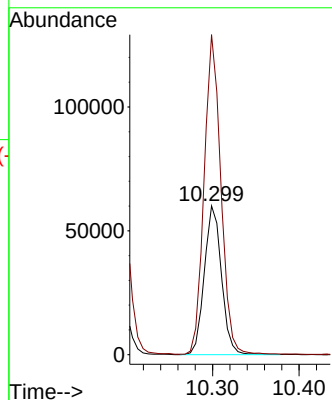
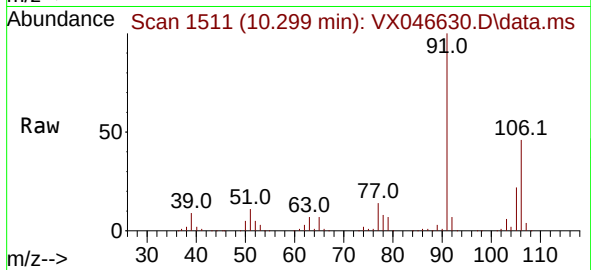
#67
m/p-Xylenes
Concen: 38.274 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tgt Ion:106 Resp: 82798
Ion Ratio Lower Upper
106 100
91 209.3 171.5 257.3

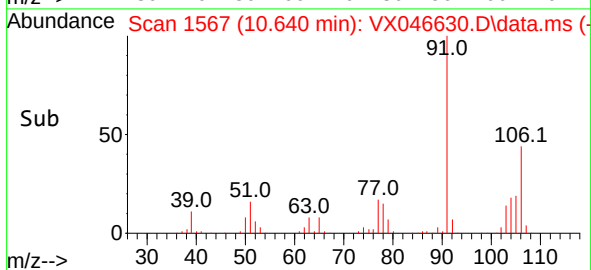
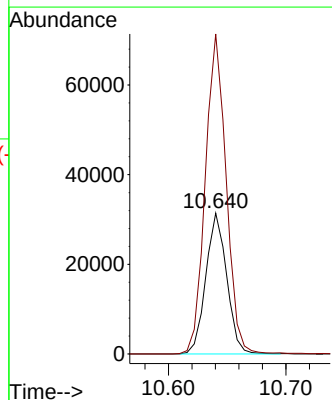
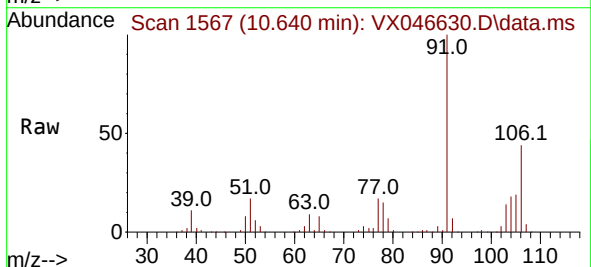
Manual Integrations
APPROVED

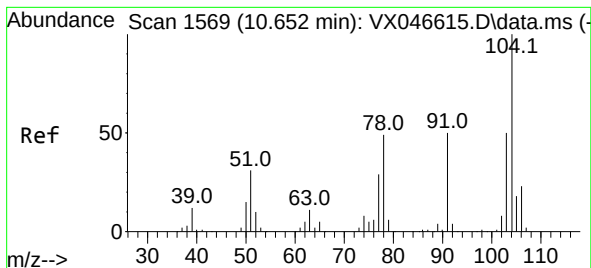
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#68
o-Xylene
Concen: 18.601 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Tgt Ion:106 Resp: 38744
Ion Ratio Lower Upper
106 100
91 226.5 112.3 336.9





#69

Styrene

Concen: 18.882 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

Instrument :

MSVOA_X

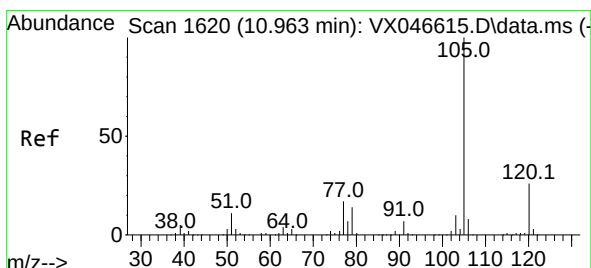
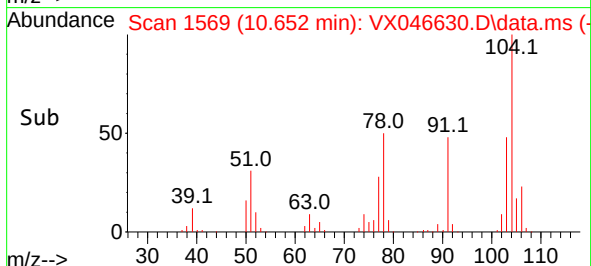
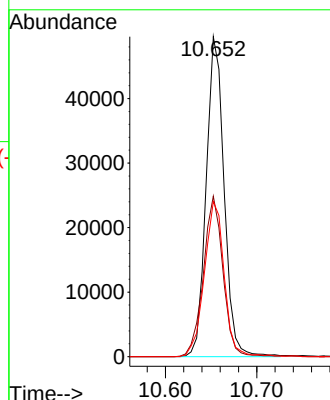
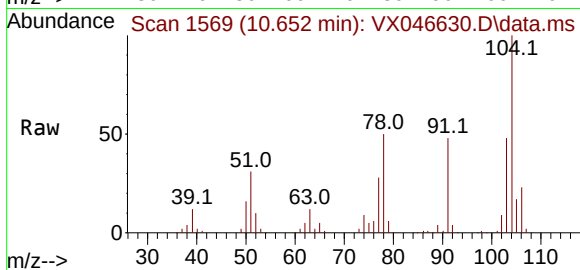
ClientSampleId :

VX0611WBSD01

Tgt Ion:104 Resp: 67411
 Ion Ratio Lower Upper
 104 100
 78 55.0 43.1 64.7
 103 53.9 42.9 64.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025



#70

Isopropylbenzene

Concen: 18.913 ug/l

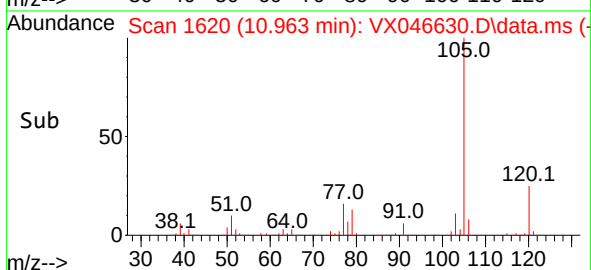
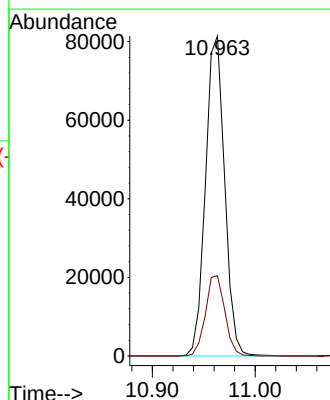
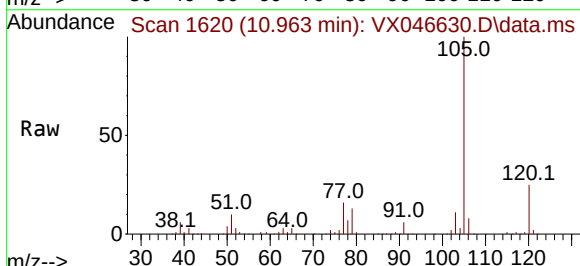
RT: 10.963 min Scan# 1620

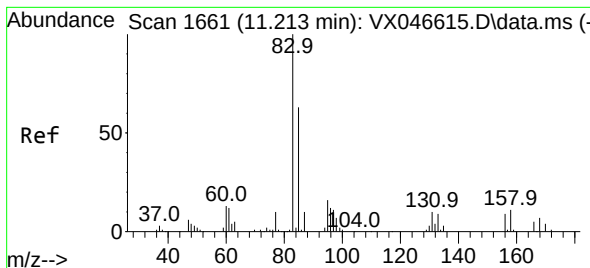
Delta R.T. 0.000 min

Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

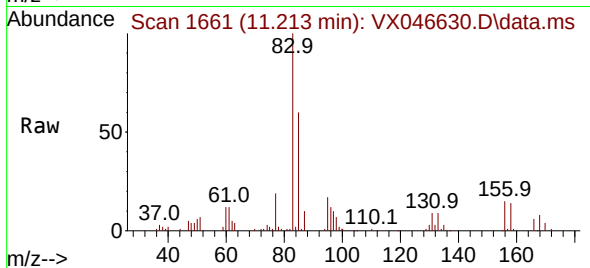
Tgt Ion:105 Resp: 105719
 Ion Ratio Lower Upper
 105 100
 120 25.4 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.372 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

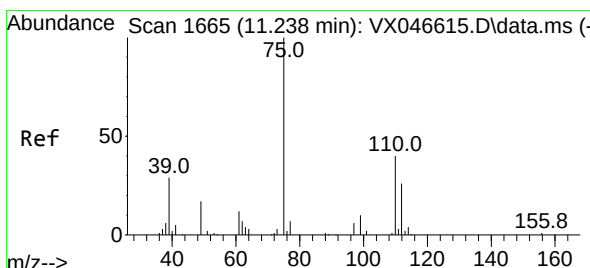
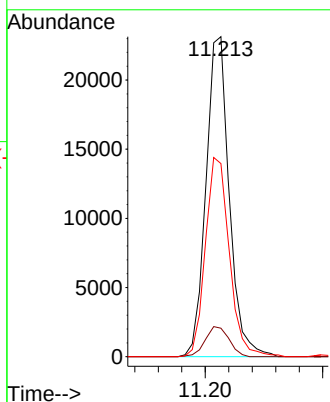
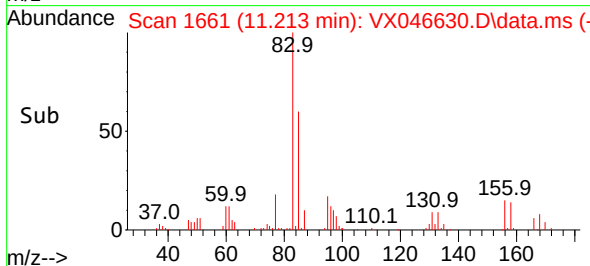
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



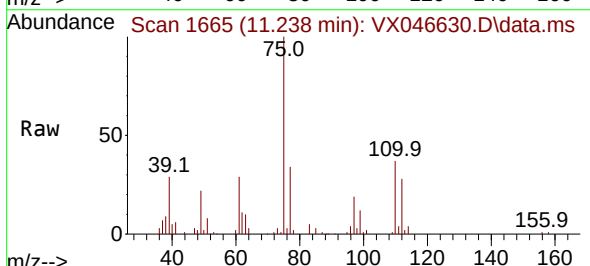
Tgt Ion: 83 Resp: 31809
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 64.0 31.5 94.5

Manual Integrations
APPROVED

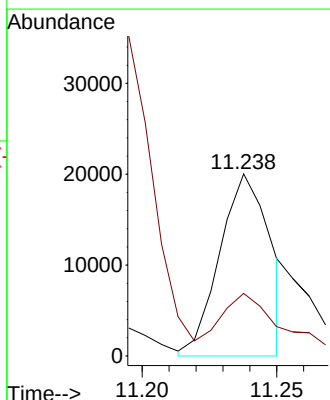
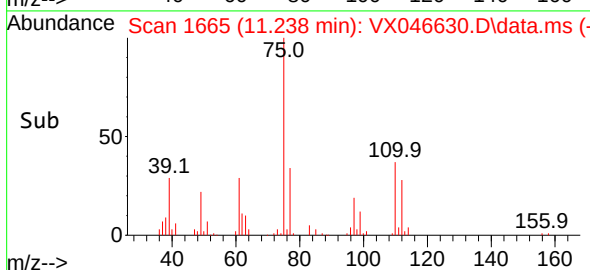
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

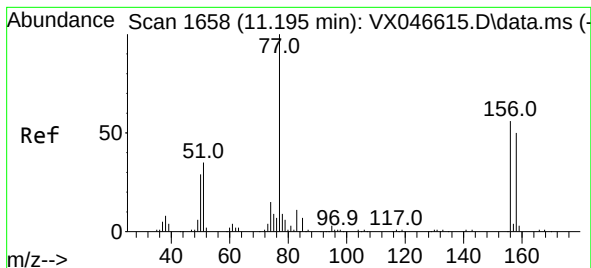


#72
1,2,3-Trichloropropane
Concen: 19.021 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09



Tgt Ion: 75 Resp: 26074
Ion Ratio Lower Upper
75 100
77 43.5 0.0 82.6





#73

Bromobenzene

Concen: 18.888 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

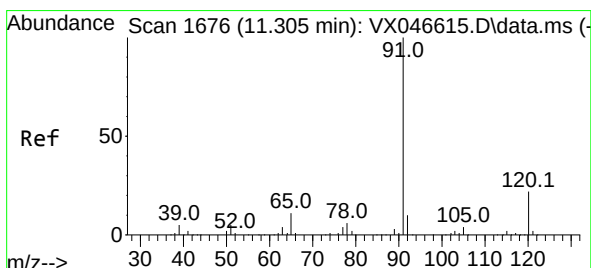
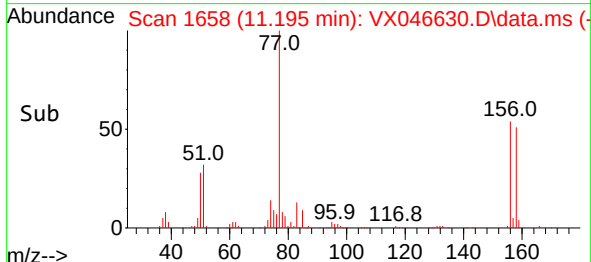
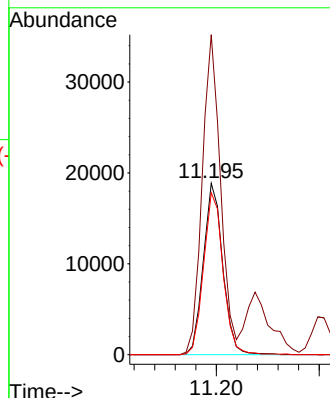
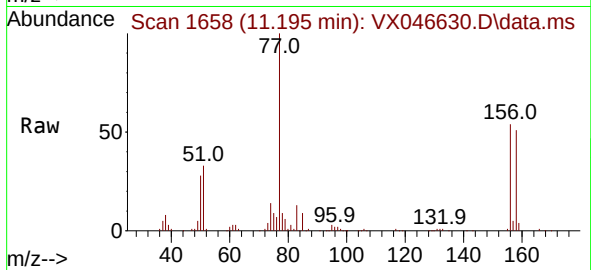
Tgt Ion:	156	Resp:	24748
Ion Ratio	Lower	Upper	
156	100		
77	176.8	0.0	358.6
158	94.8	0.0	192.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#74

n-propylbenzene

Concen: 19.291 ug/l

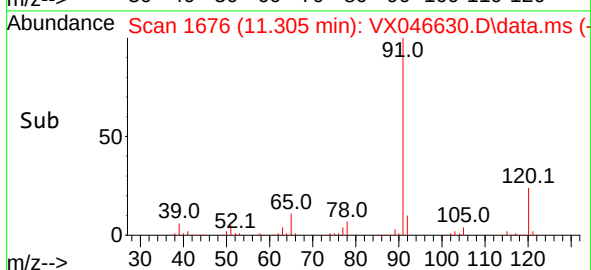
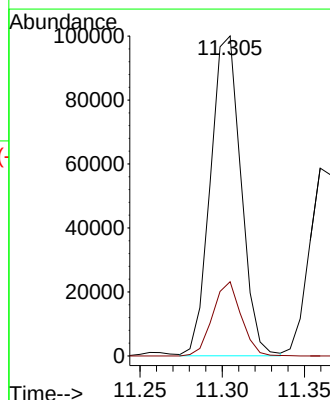
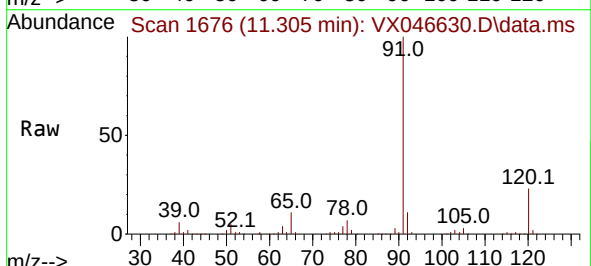
RT: 11.305 min Scan# 1676

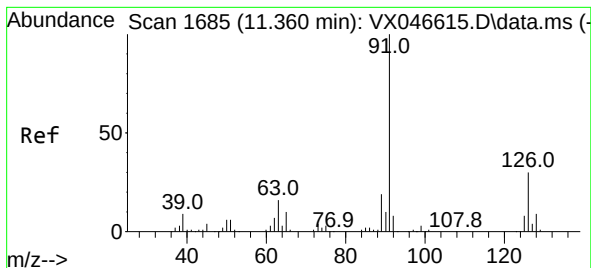
Delta R.T. 0.000 min

Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

Tgt Ion:	91	Resp:	128938
Ion Ratio	Lower	Upper	
91	100		
120	21.7	0.0	43.8





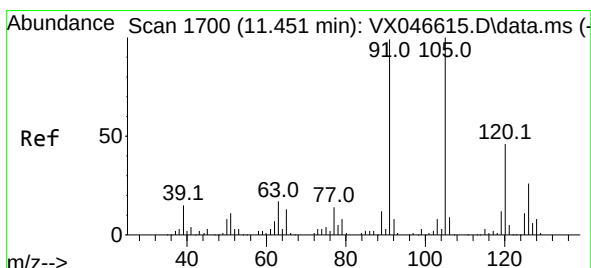
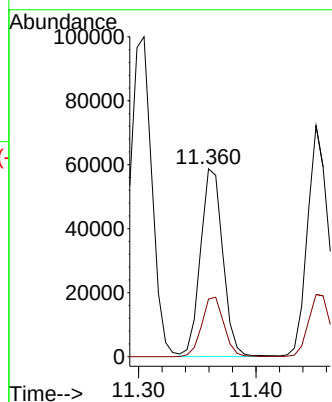
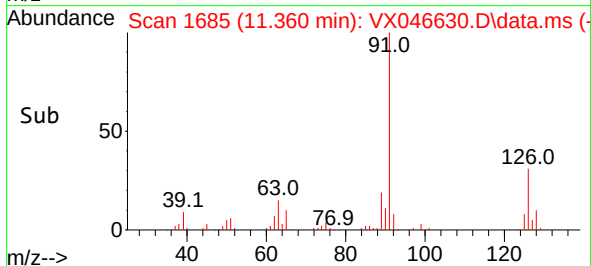
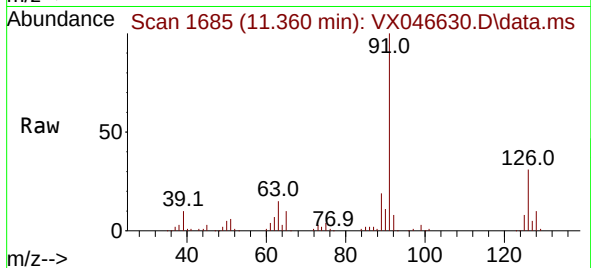
#75
2-Chlorotoluene
Concen: 19.442 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tgt Ion: 91 Resp: 7779
Ion Ratio Lower Upper
91 100
126 31.3 0.0 63.0

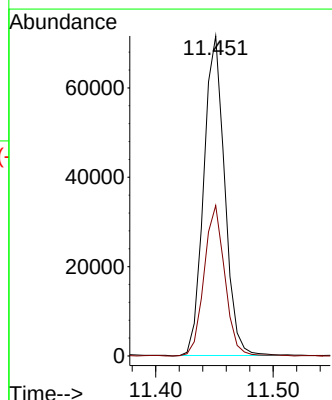
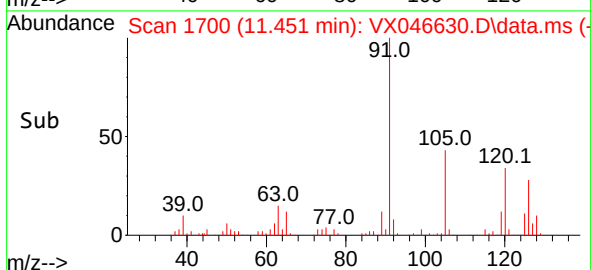
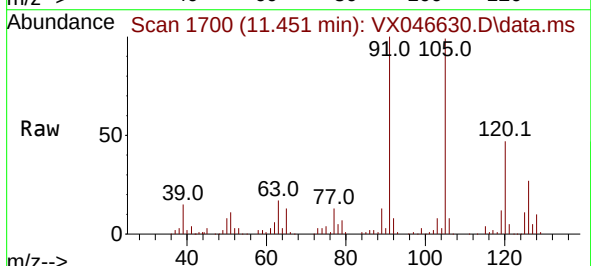
Manual Integrations
APPROVED

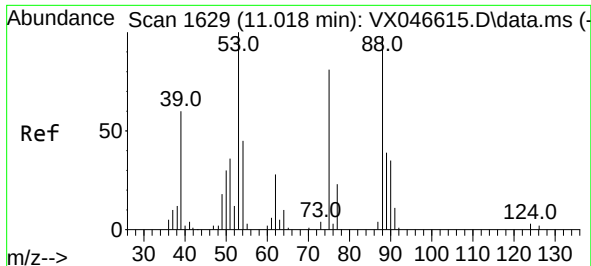
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.016 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

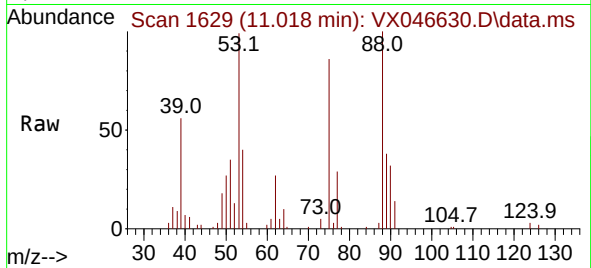
Tgt Ion:105 Resp: 88316
Ion Ratio Lower Upper
105 100
120 46.6 0.0 92.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.947 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

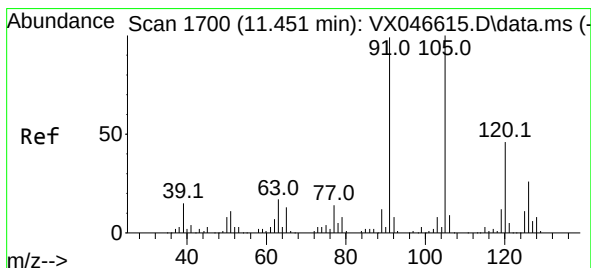
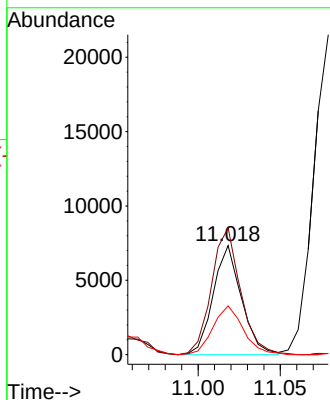
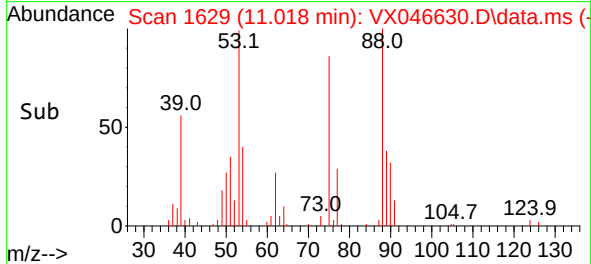
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion: 75 Resp: 8774
Ion Ratio Lower Upper
75 100
53 116.3 61.9 185.7
89 44.8 24.0 72.0

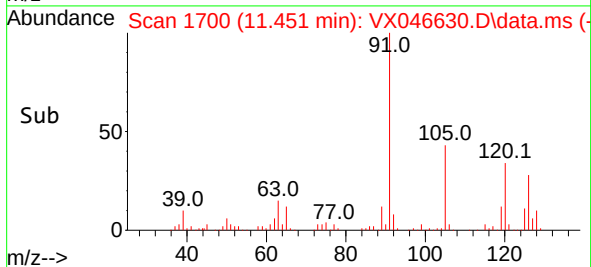
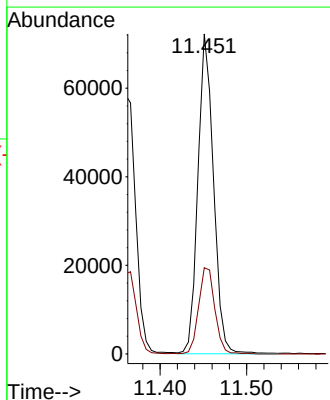
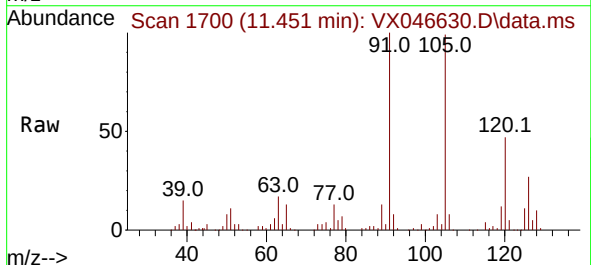
Manual Integrations
APPROVED

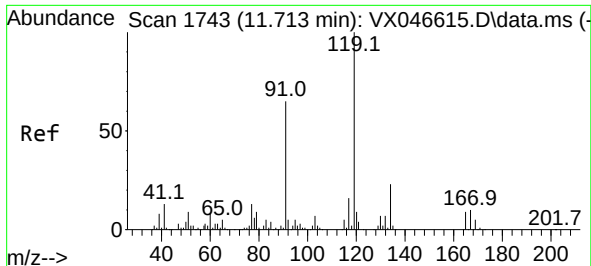
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#78
4-Chlorotoluene
Concen: 19.539 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

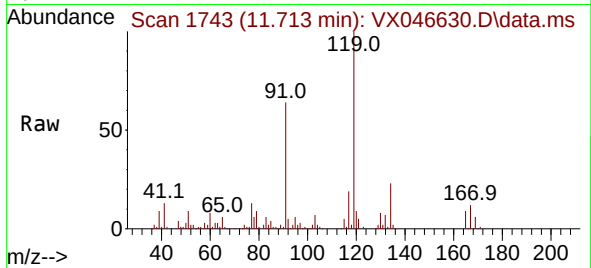
Tgt Ion: 91 Resp: 90457
Ion Ratio Lower Upper
91 100
126 28.0 0.0 55.0





#79
tert-butylbenzene
Concen: 18.882 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

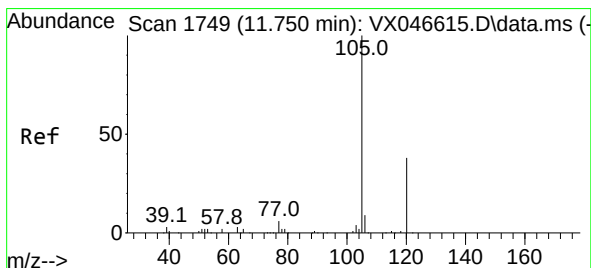
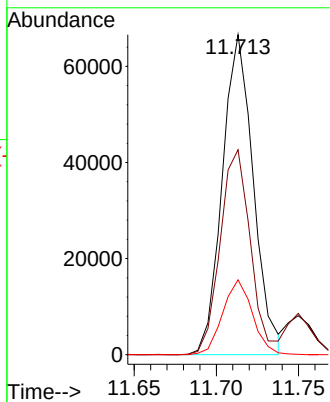
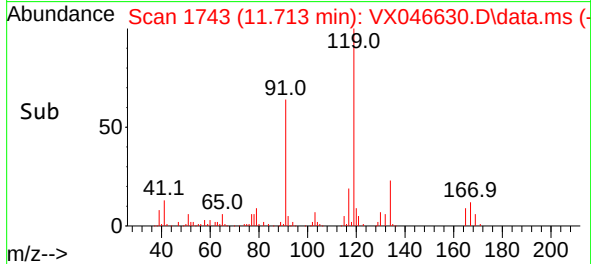
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion:119 Resp: 87450
Ion Ratio Lower Upper
119 100
91 62.8 0.0 126.0
134 22.4 0.0 45.6

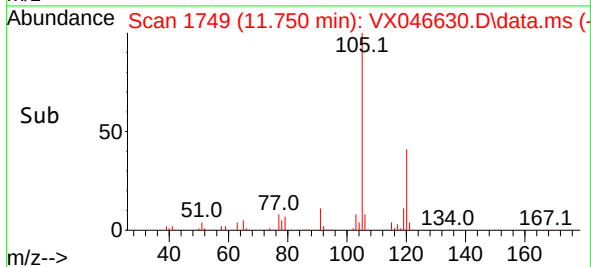
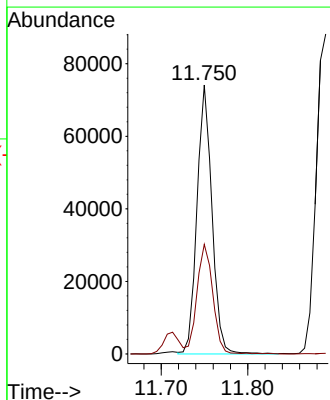
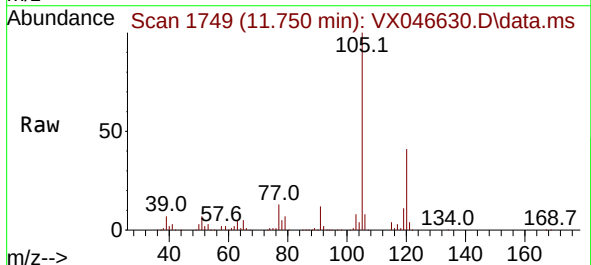
Manual Integrations
APPROVED

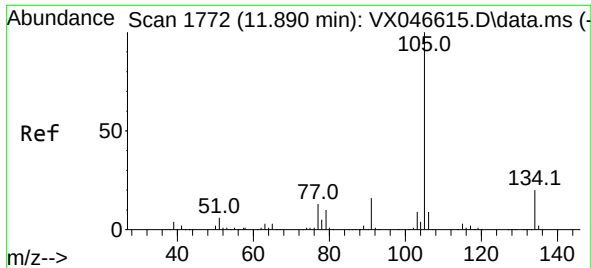
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.430 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

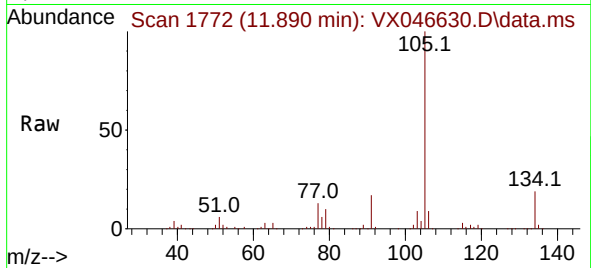
Tgt Ion:105 Resp: 89122
Ion Ratio Lower Upper
105 100
120 42.4 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 19.078 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046630.D
 Acq: 11 Jun 2025 12:09

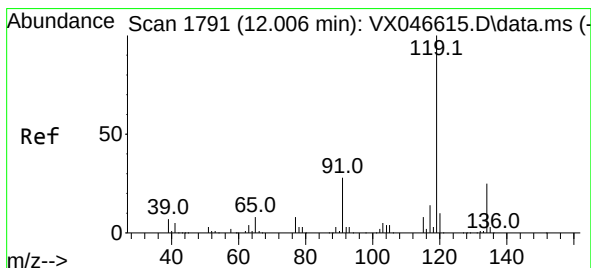
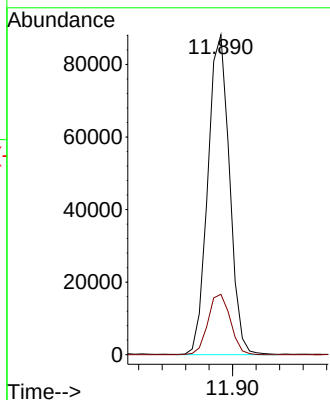
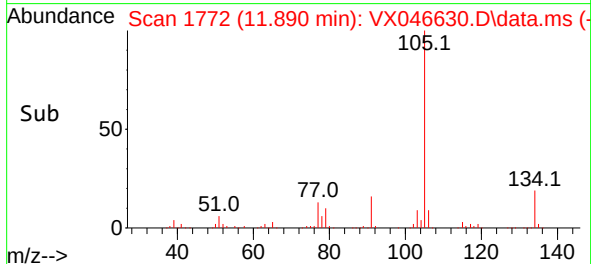
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01



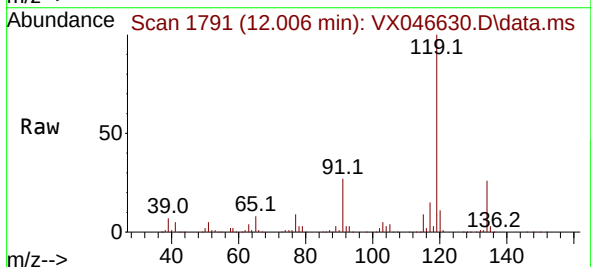
Tgt Ion:105 Resp: 113075
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4

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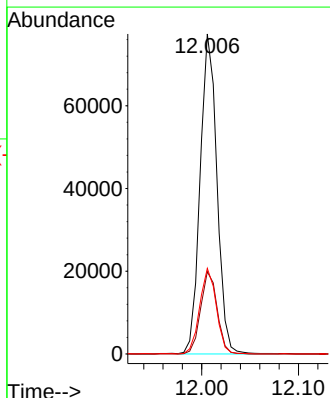
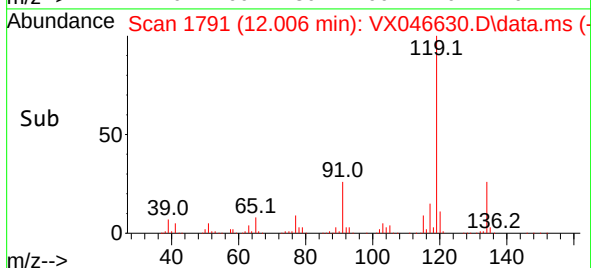
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025

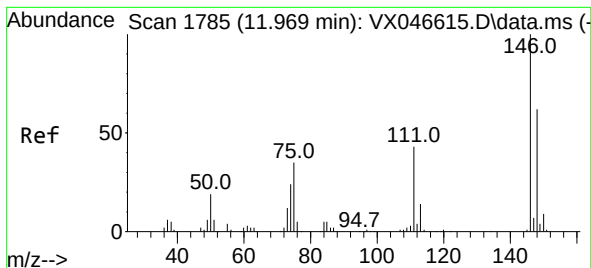


#82
 p-Isopropyltoluene
 Concen: 19.264 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046630.D
 Acq: 11 Jun 2025 12:09



Tgt Ion:119 Resp: 93711
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 50.0
 91 26.5 0.0 54.0





#83

1,3-Dichlorobenzene

Concen: 19.469 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

Tgt Ion:146 Resp: 47485

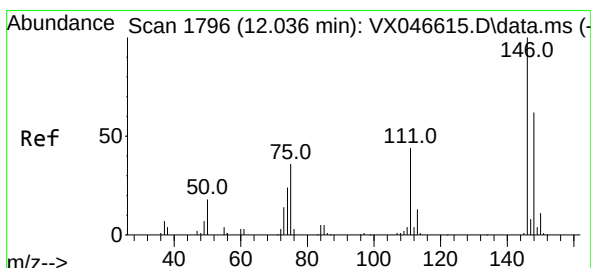
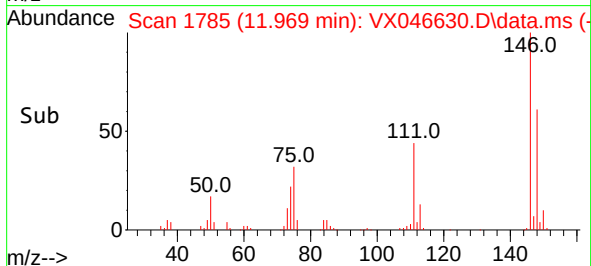
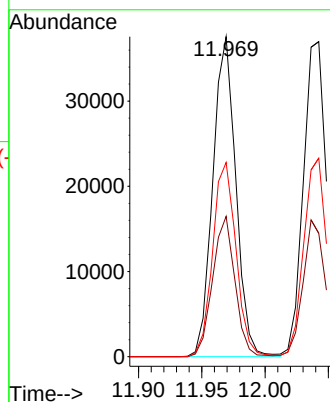
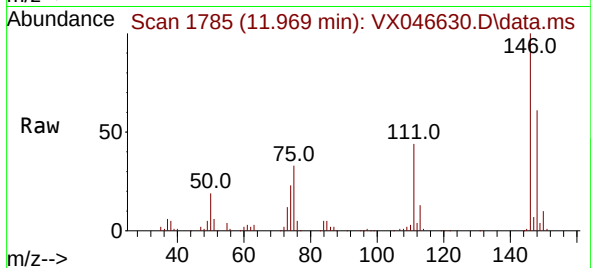
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.9	65.8
148	61.8	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#84

1,4-Dichlorobenzene

Concen: 19.665 ug/l

RT: 12.042 min Scan# 1797

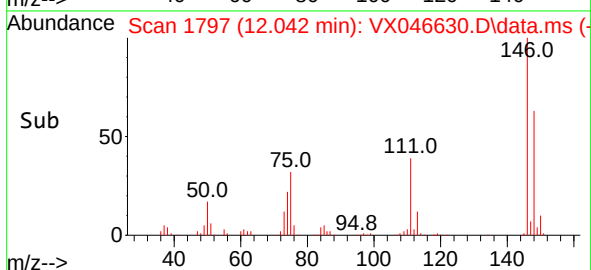
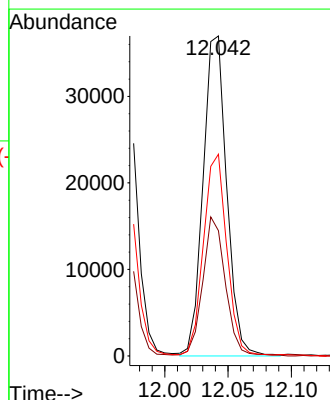
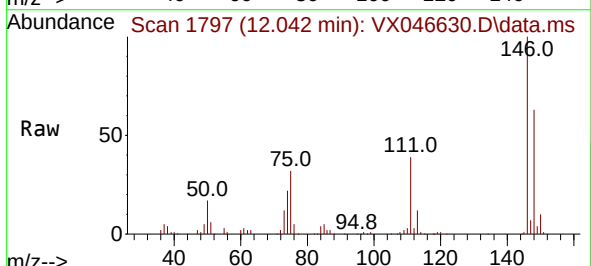
Delta R.T. 0.006 min

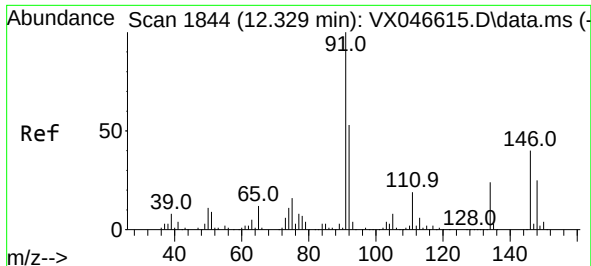
Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

Tgt Ion:146 Resp: 48232

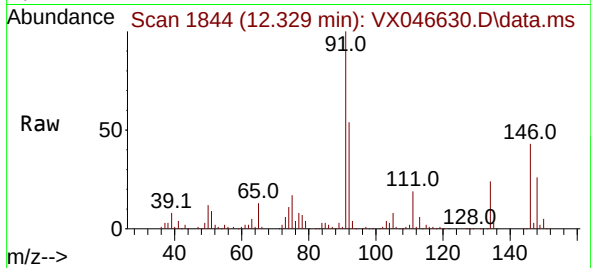
Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.3	63.7
148	62.4	31.4	94.3





#85
n-Butylbenzene
Concen: 19.388 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

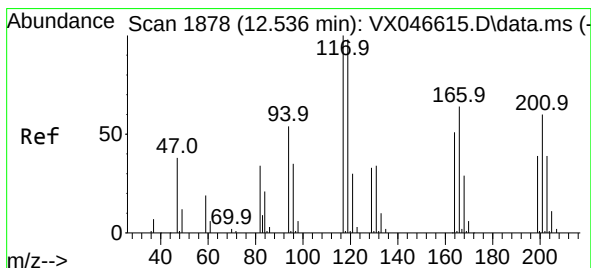
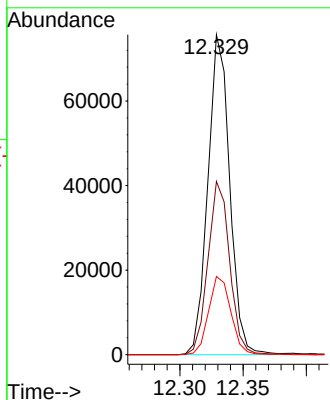
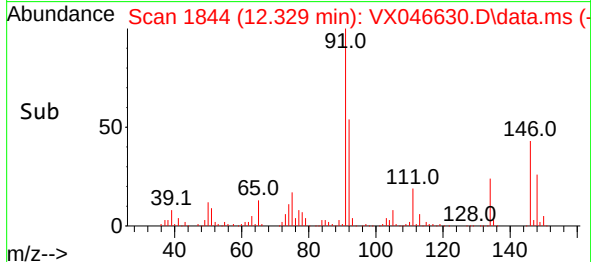
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



Tgt Ion: 91 Resp: 9086
Ion Ratio Lower Upper
91 100
92 54.0 0.0 106.4
134 25.0 0.0 48.8

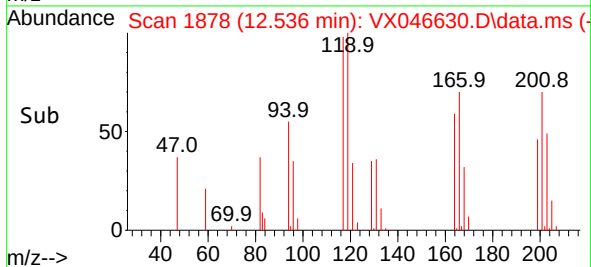
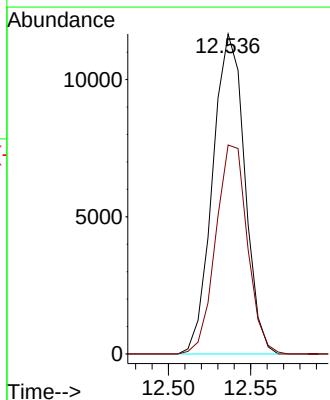
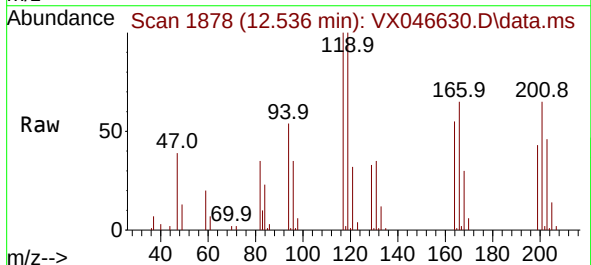
Manual Integrations
APPROVED

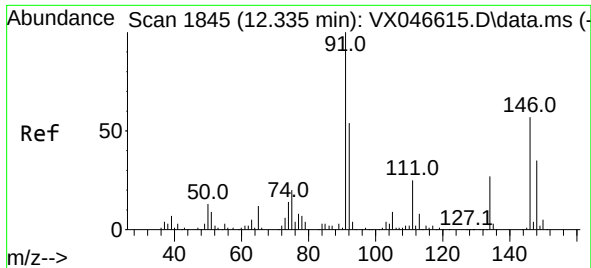
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#86
Hexachloroethane
Concen: 18.743 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

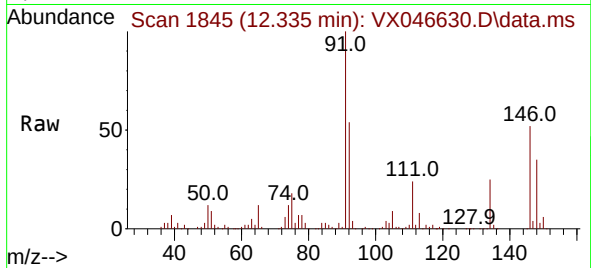
Tgt Ion:117 Resp: 15835
Ion Ratio Lower Upper
117 100
201 64.6 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 19.491 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

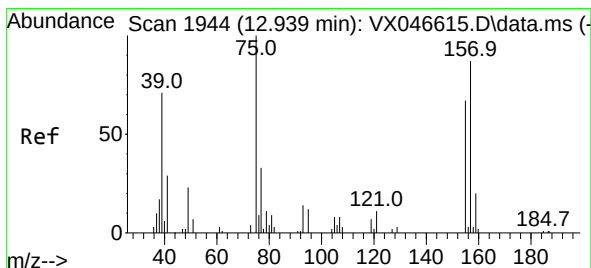
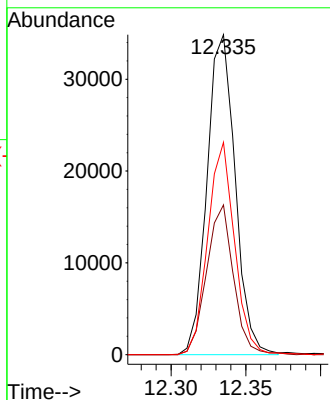
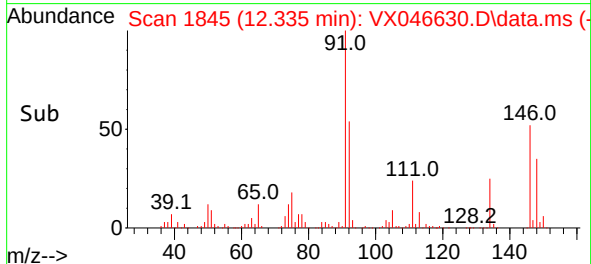
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



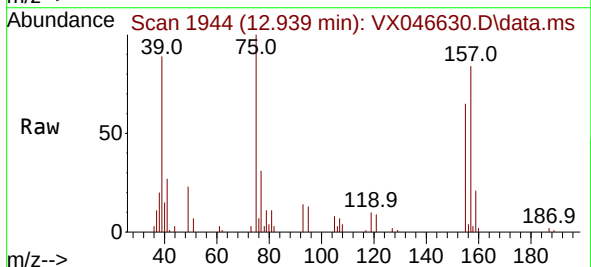
Tgt Ion:146 Resp: 45735
Ion Ratio Lower Upper
146 100
111 44.7 22.9 68.5
148 63.1 31.6 94.8

Manual Integrations
APPROVED

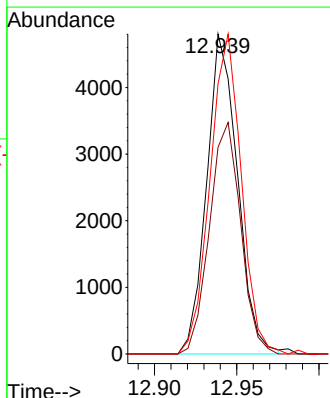
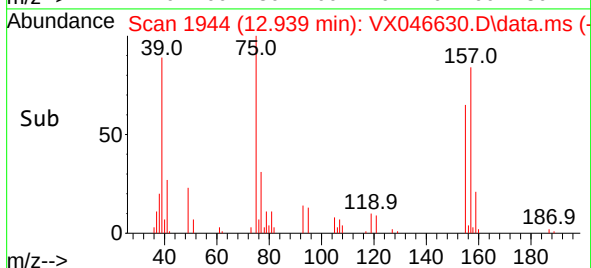
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

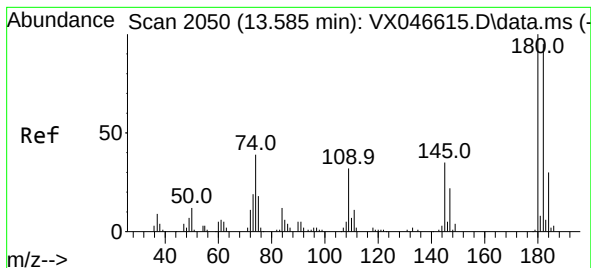


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.425 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09



Tgt Ion: 75 Resp: 6241
Ion Ratio Lower Upper
75 100
155 73.4 59.4 89.2
157 101.7 75.0 112.6





#89

1,2,4-Trichlorobenzene

Concen: 19.655 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

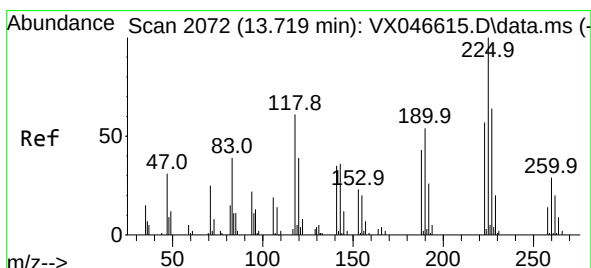
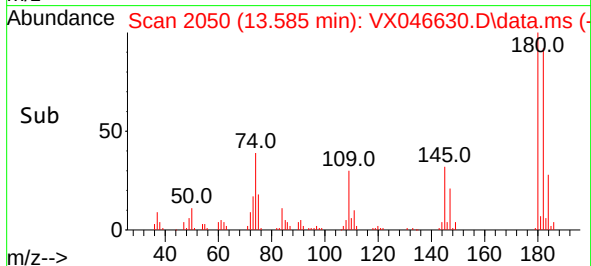
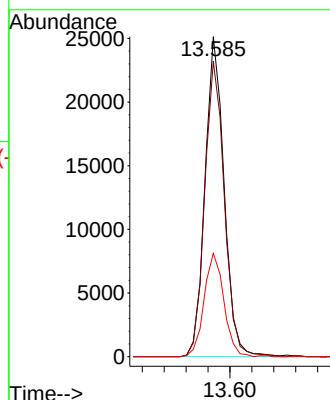
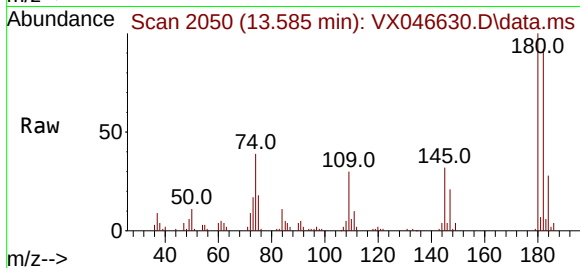
Tgt Ion:180	Resp:	3040	
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.0	112.6
145	33.3	27.4	41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#90

Hexachlorobutadiene

Concen: 18.935 ug/l

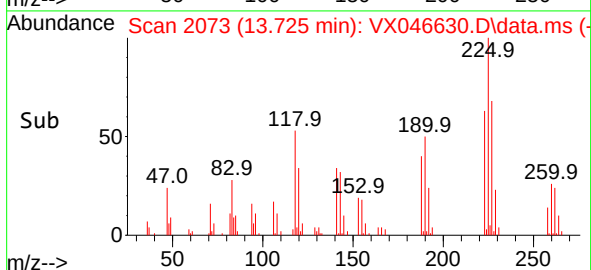
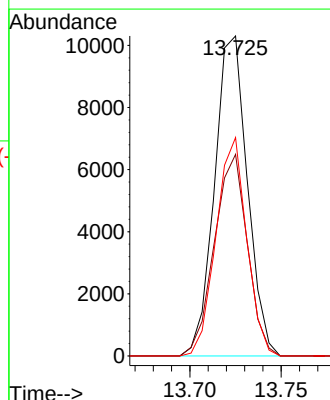
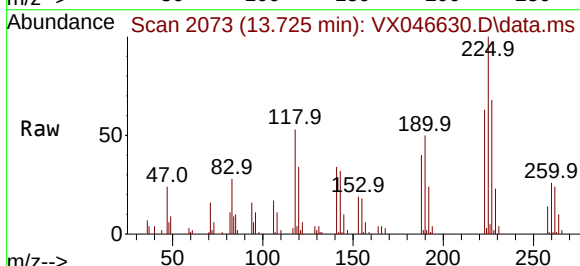
RT: 13.725 min Scan# 2073

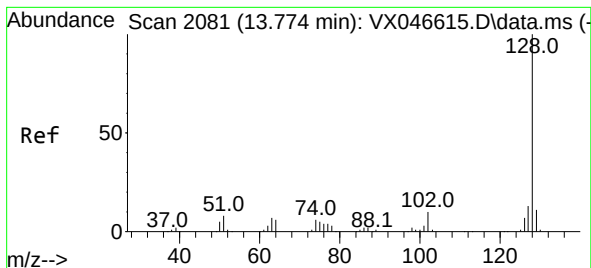
Delta R.T. 0.006 min

Lab File: VX046630.D

Acq: 11 Jun 2025 12:09

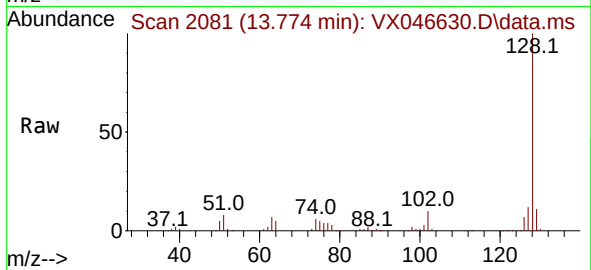
Tgt Ion:225	Resp:	12898	
Ion Ratio	Lower	Upper	
225	100		
223	63.2	0.0	126.4
227	63.6	0.0	131.4





#91
Naphthalene
Concen: 18.731 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09

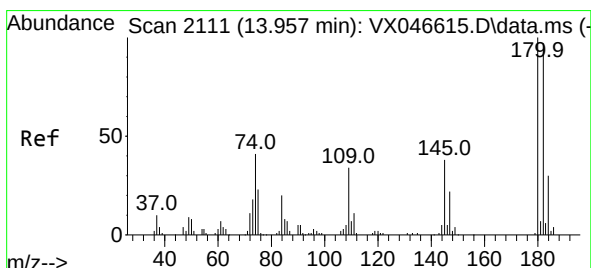
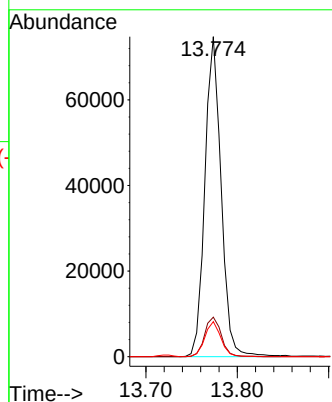
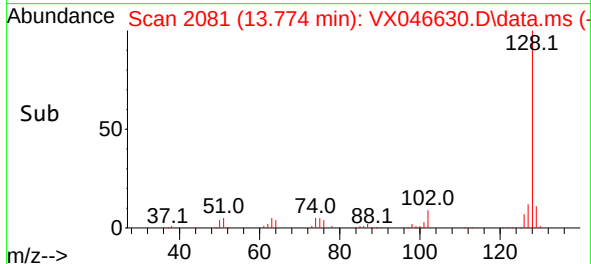
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01



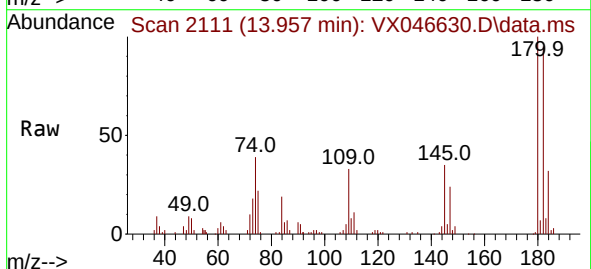
Tgt Ion:128 Resp: 9192
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.211 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046630.D
Acq: 11 Jun 2025 12:09



Tgt Ion:180 Resp: 29171
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.2
145 35.8 0.0 71.8

