

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047109.D
 Acq On : 24 Jul 2025 11:21
 Operator : JC/MD
 Sample : VX0724WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2025
 Supervised By : Mahesh Dadoda 07/25/2025

Quant Time: Jul 25 01:20:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	283453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	479962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	436991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	214847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182711	51.746	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.500%			
35) Dibromofluoromethane	5.397	113	152730	51.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	8.647	98	468257	48.792	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.580%			
62) 4-Bromofluorobenzene	11.079	95	216405	52.325	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	73568	19.540	ug/l	98
3) Chloromethane	1.307	50	67524	18.131	ug/l	99
4) Vinyl Chloride	1.392	62	77772	19.426	ug/l	99
5) Bromomethane	1.630	94	43470	19.989	ug/l	98
6) Chloroethane	1.709	64	45042	17.130	ug/l	97
7) Trichlorofluoromethane	1.904	101	111805	18.729	ug/l	99
8) Diethyl Ether	2.148	74	40660	19.318	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	66390	18.459	ug/l	99
10) Methyl Iodide	2.465	142	92620	25.268	ug/l	94
11) Tert butyl alcohol	2.959	59	43247	98.543	ug/l	97
12) 1,1-Dichloroethene	2.337	96	65568	18.407	ug/l	99
13) Acrolein	2.246	56	81815	107.613	ug/l	99
14) Allyl chloride	2.678	41	117309	18.218	ug/l	97
15) Acrylonitrile	3.075	53	159680	94.822	ug/l	99
16) Acetone	2.386	43	129282	91.398	ug/l	97
17) Carbon Disulfide	2.526	76	184017	17.857	ug/l	97
18) Methyl Acetate	2.709	43	74864	19.916	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	210123	19.382	ug/l	99
20) Methylene Chloride	2.800	84	72532	18.639	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	66920	18.358	ug/l	96
22) Diisopropyl ether	3.764	45	250721	20.252	ug/l	88
23) Vinyl Acetate	3.733	43	1004431	101.156	ug/l	99
24) 1,1-Dichloroethane	3.623	63	132120	19.192	ug/l	98
25) 2-Butanone	4.562	43	192767	93.593	ug/l	97
26) 2,2-Dichloropropane	4.483	77	97726	18.338	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	81316	18.838	ug/l	99
28) Bromochloromethane	4.910	49	73170	23.103	ug/l	98
29) Tetrahydrofuran	5.013	42	119896	90.222	ug/l	99
30) Chloroform	5.099	83	134981	19.262	ug/l	100
31) Cyclohexane	5.477	56	122409	18.544	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	115580	18.989	ug/l	99
36) 1,1-Dichloropropene	5.702	75	90079	17.832	ug/l	99
37) Ethyl Acetate	4.715	43	82108	17.640	ug/l	99
38) Carbon Tetrachloride	5.684	117	100496	18.640	ug/l	99
39) Methylcyclohexane	7.385	83	116423	18.459	ug/l	98
40) Benzene	6.044	78	282918	19.353	ug/l	98

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Quant Time: Jul 25 01:20:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46986	19.306	ug/l	97
42) 1,2-Dichloroethane	6.092	62	104705	20.333	ug/l	99
43) Isopropyl Acetate	6.342	43	140997	19.430	ug/l	99
44) Trichloroethene	7.129	130	70537	18.816	ug/l	98
45) 1,2-Dichloropropane	7.434	63	72267	19.737	ug/l	95
46) Dibromomethane	7.580	93	51547	20.076	ug/l	97
47) Bromodichloromethane	7.824	83	107459	19.663	ug/l	97
48) Methyl methacrylate	7.696	41	73862	18.685	ug/l	98
49) 1,4-Dioxane	7.684	88	17039	378.970	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	420786	97.558	ug/l	98
52) Toluene	8.720	92	174298	19.390	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	96046	18.611	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	110773	19.611	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	67257	19.951	ug/l	96
56) Ethyl methacrylate	9.116	69	98374	19.712	ug/l	99
57) 1,3-Dichloropropane	9.305	76	117922	20.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	246307	88.693	ug/l	99
59) 2-Hexanone	9.427	43	288441	101.220	ug/l	98
60) Dibromochloromethane	9.519	129	78807	19.933	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67622	19.184	ug/l	98
64) Tetrachloroethene	9.275	164	57412	18.225	ug/l	98
65) Chlorobenzene	10.080	112	196217	19.167	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	66670	19.343	ug/l	98
67) Ethyl Benzene	10.189	91	338573	18.915	ug/l	100
68) m/p-Xylenes	10.299	106	253387	37.828	ug/l	99
69) o-Xylene	10.640	106	122011	19.147	ug/l	100
70) Styrene	10.653	104	212563	19.453	ug/l	98
71) Bromoform	10.799	173	50179	19.166	ug/l #	100
73) Isopropylbenzene	10.957	105	323032	19.058	ug/l	100
74) N-amyl acetate	10.842	43	127677	18.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	95969	19.821	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	77034m	19.371	ug/l	
77) Bromobenzene	11.195	156	77803	19.137	ug/l	100
78) n-propylbenzene	11.299	91	386467	19.080	ug/l	99
79) 2-Chlorotoluene	11.360	91	232431	19.197	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	270986	19.352	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20473	13.264	ug/l	96
82) 4-Chlorotoluene	11.451	91	275121	19.467	ug/l	100
83) tert-Butylbenzene	11.713	119	267881	19.059	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	273133	19.555	ug/l	99
85) sec-Butylbenzene	11.890	105	337437	19.215	ug/l	100
86) p-Isopropyltoluene	12.006	119	284005	19.502	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	148202	19.185	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	150281	19.202	ug/l	98
89) n-Butylbenzene	12.329	91	262844	19.246	ug/l	99
90) Hexachloroethane	12.536	117	48419	18.585	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	141908	19.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18241	19.627	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	93816	19.233	ug/l	99
94) Hexachlorobutadiene	13.719	225	34328	20.693	ug/l	99
95) Naphthalene	13.774	128	279530	19.547	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	87150	18.545	ug/l	95

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

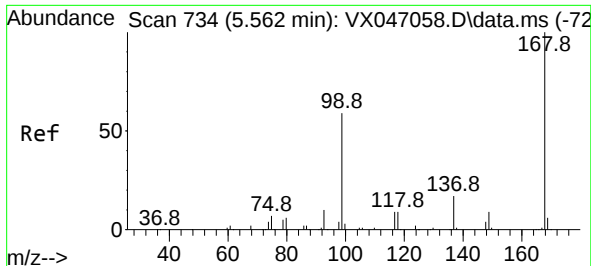
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

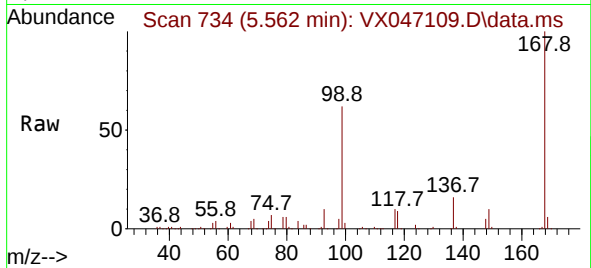
Quant Time: Jul 25 01:20:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

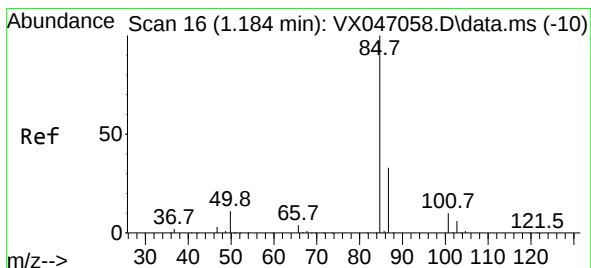
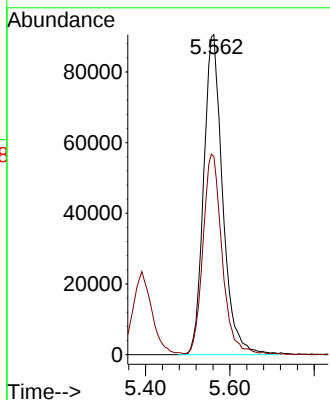
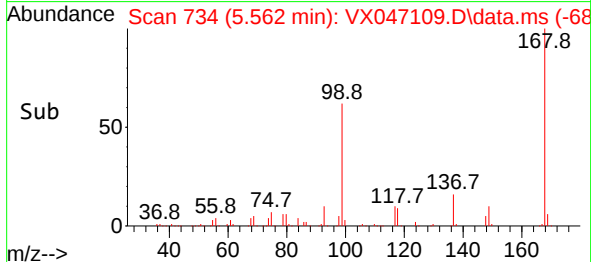
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion:168 Resp: 28345
Ion Ratio Lower Upper
168 100
99 61.5 48.0 72.0

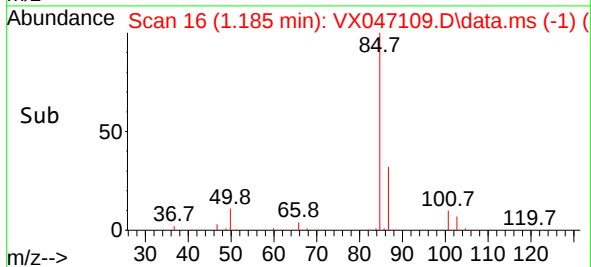
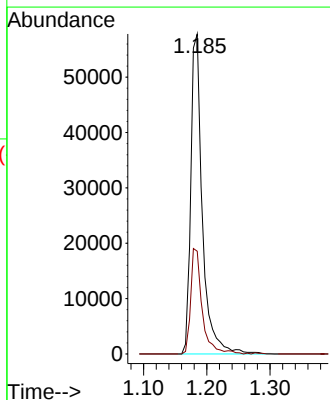
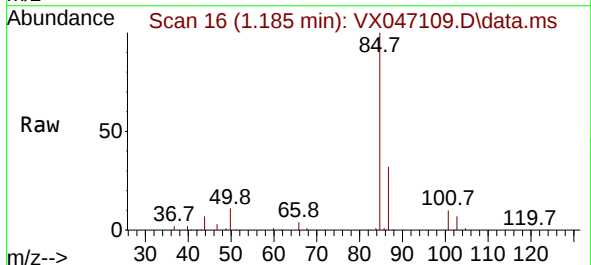
Manual Integrations
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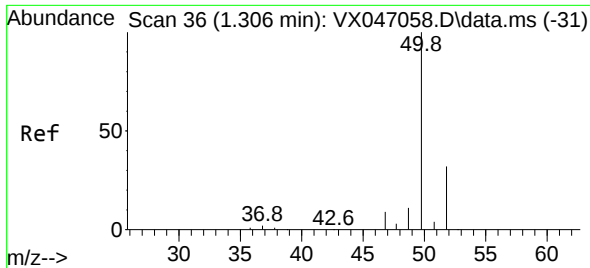
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#2
Dichlorodifluoromethane
Concen: 19.540 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

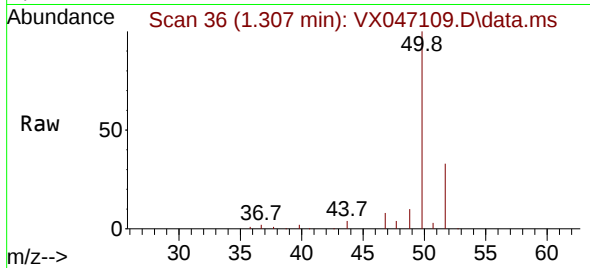
Tgt Ion: 85 Resp: 73568
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.8





#3
Chloromethane
Concen: 18.131 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

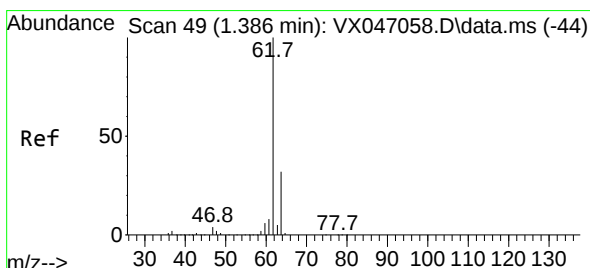
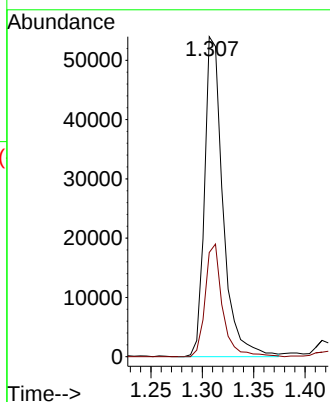
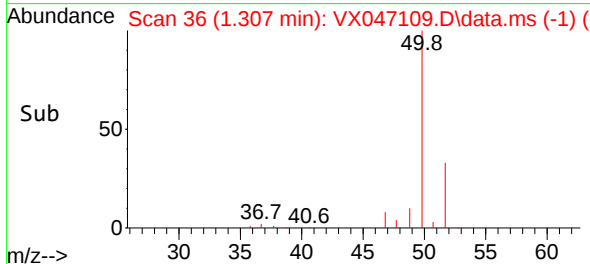
Instrument :
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ClientSampleId :
VX0724WBSD01



Tgt Ion: 50 Resp: 67524
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

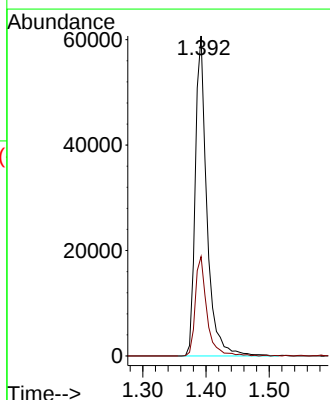
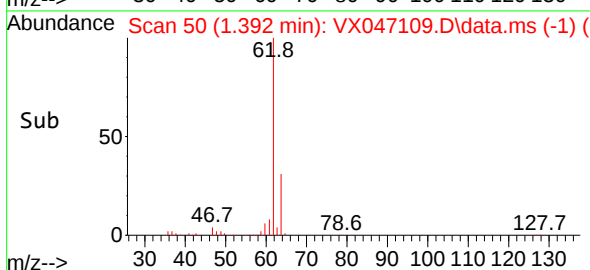
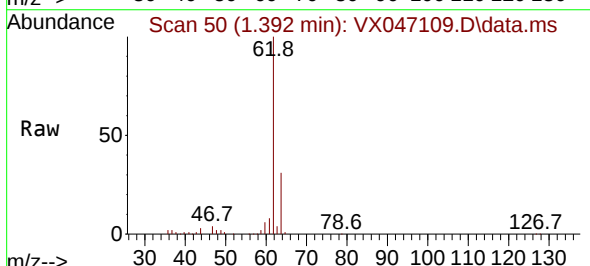
Manual Integrations
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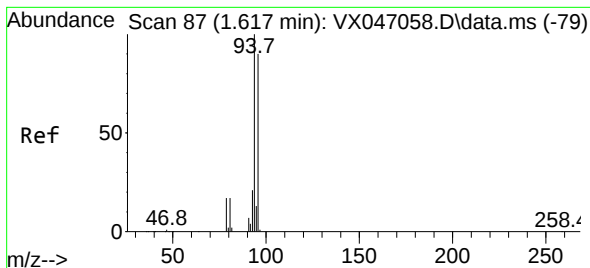
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#4
Vinyl Chloride
Concen: 19.426 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

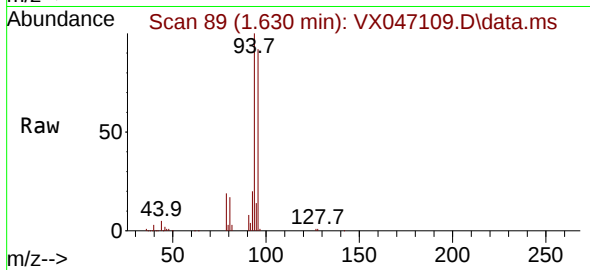
Tgt Ion: 62 Resp: 77772
Ion Ratio Lower Upper
62 100
64 31.1 25.2 37.8





#5
Bromomethane
Concen: 19.989 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

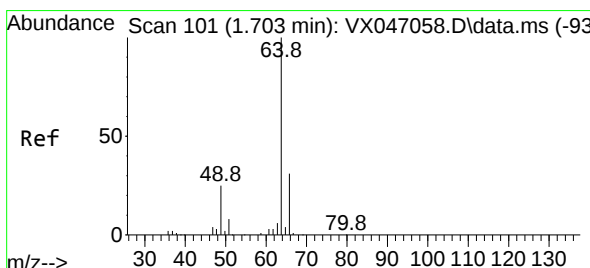
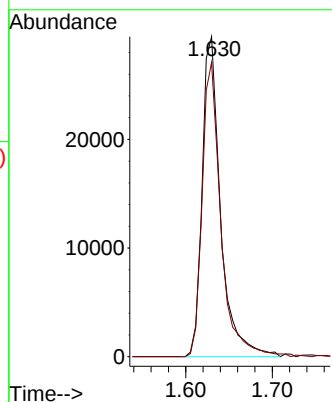
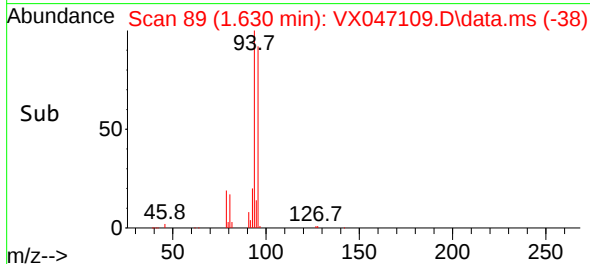
Instrument :
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Tgt Ion: 94 Resp: 43470
Ion Ratio Lower Upper
94 100
96 91.9 72.3 108.5

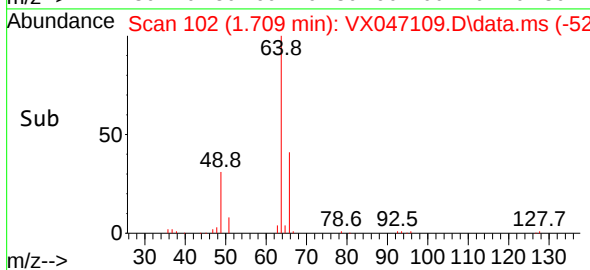
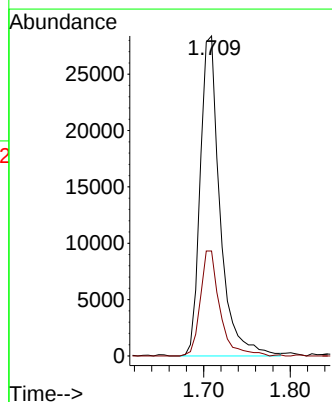
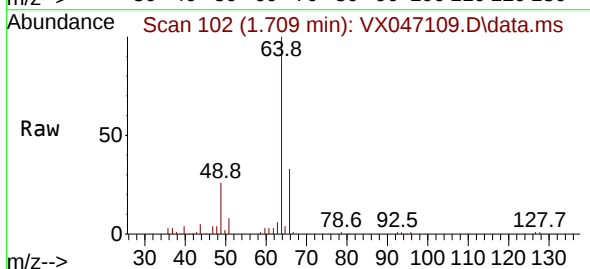
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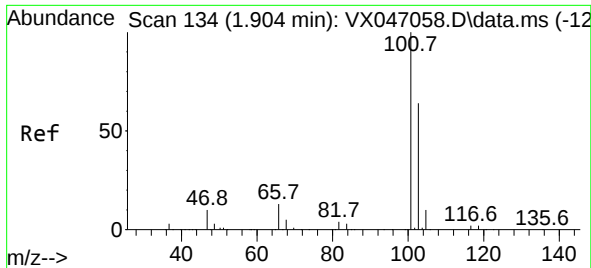
Reviewed By :John Carlone 07/25/2025
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#6
Chloroethane
Concen: 17.130 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.007 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

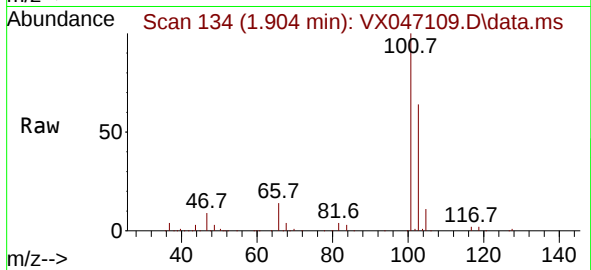
Tgt Ion: 64 Resp: 45042
Ion Ratio Lower Upper
64 100
66 32.8 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 18.729 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047109.D
 Acq: 24 Jul 2025 11:21

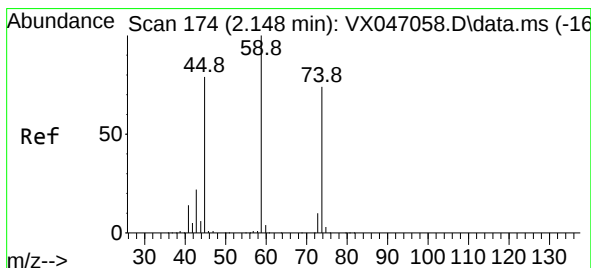
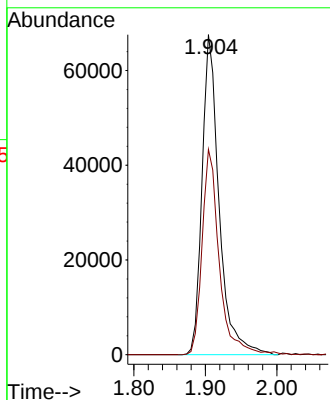
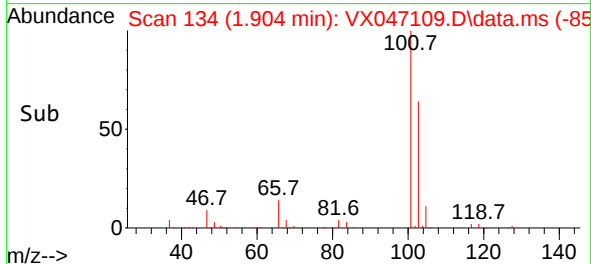
Instrument :
 MSVOA_X
 ClientSampleId :
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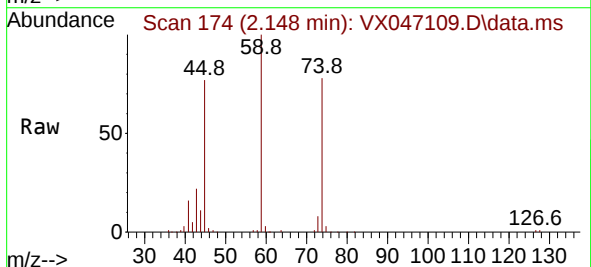
Tgt Ion:101 Resp: 11180
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.9 76.3

Manual Integrations
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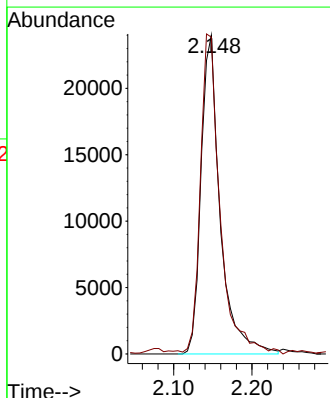
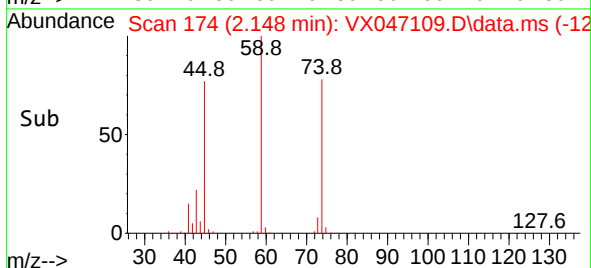
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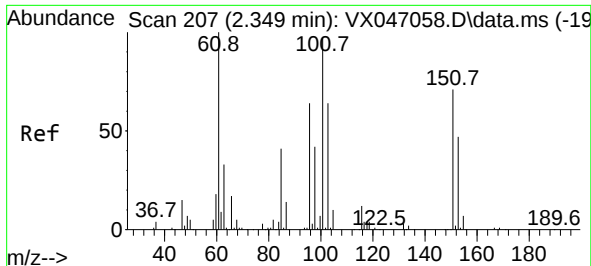


#8
 Diethyl Ether
 Concen: 19.318 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047109.D
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Tgt Ion: 74 Resp: 40660
 Ion Ratio Lower Upper
 74 100
 45 103.4 53.0 159.0





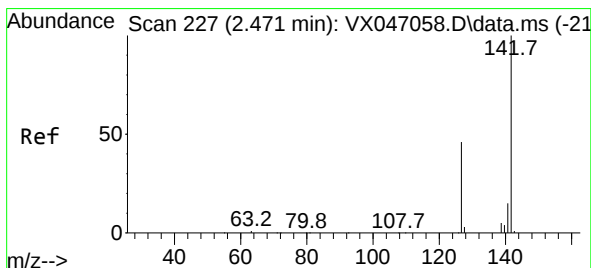
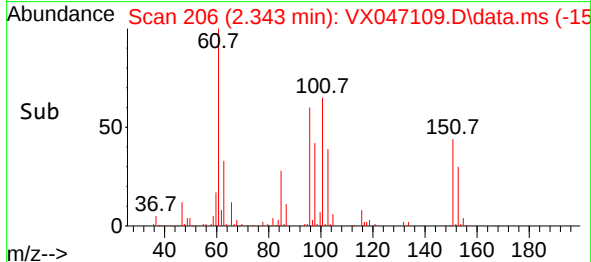
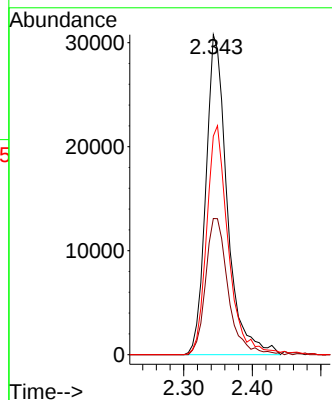
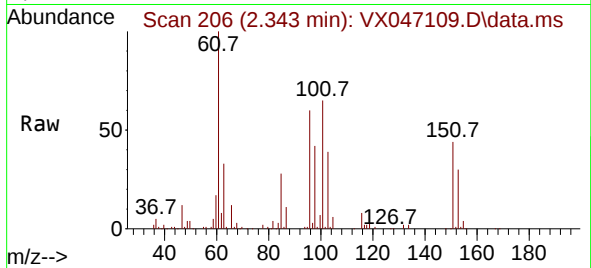
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.459 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion:101 Resp: 66390
Ion Ratio Lower Upper
101 100
85 45.2 35.4 53.0
151 73.4 59.2 88.8

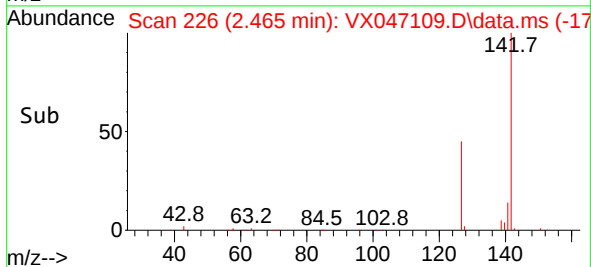
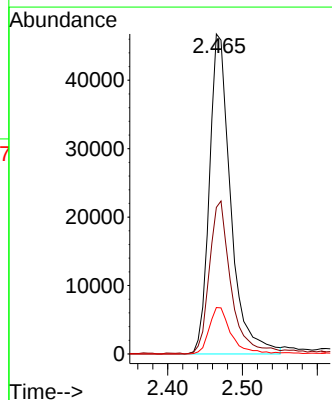
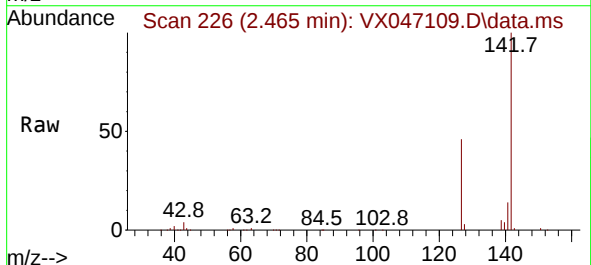
Manual Integrations
APPROVED

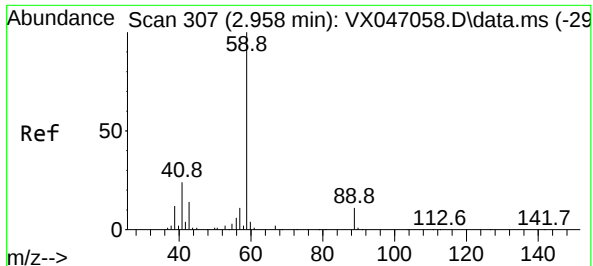
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#10
Methyl Iodide
Concen: 25.268 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

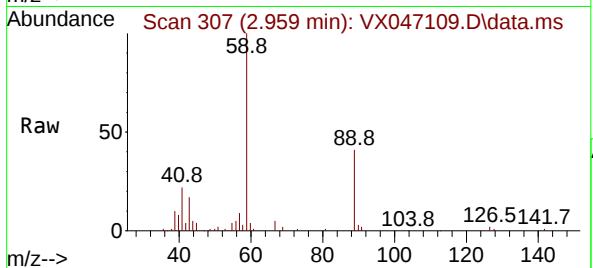
Tgt Ion:142 Resp: 92620
Ion Ratio Lower Upper
142 100
127 49.7 36.6 54.8
141 15.3 10.9 16.3





#11
Tert butyl alcohol
Concen: 98.543 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

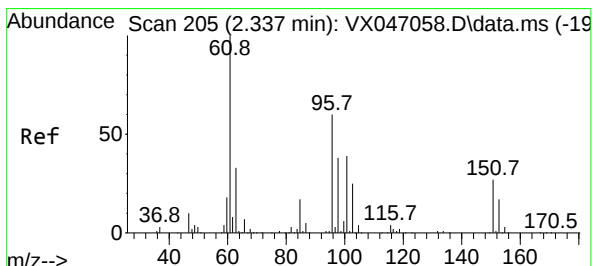
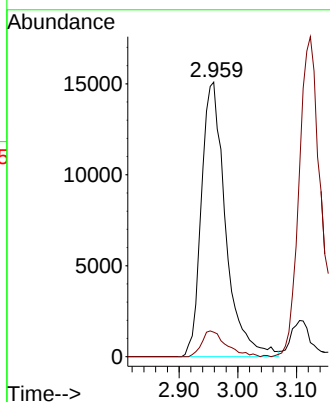
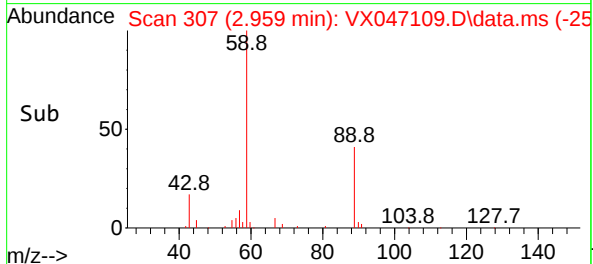
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



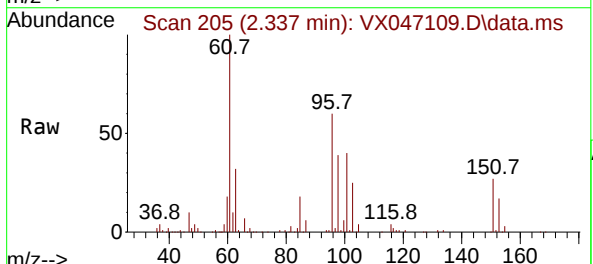
Tgt Ion: 59 Resp: 4324
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

Manual Integrations
APPROVED

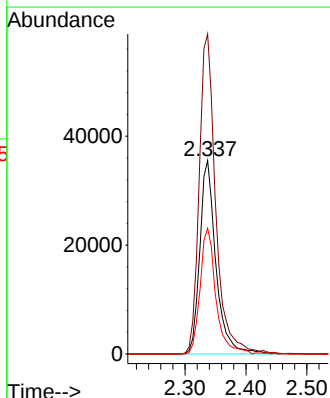
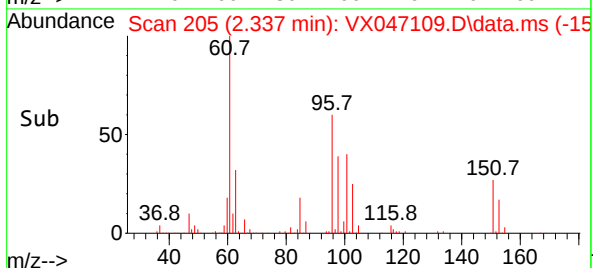
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

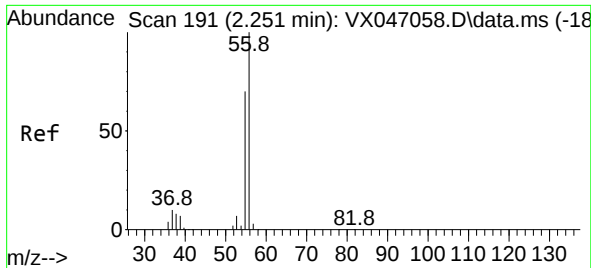


#12
1,1-Dichloroethene
Concen: 18.407 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21



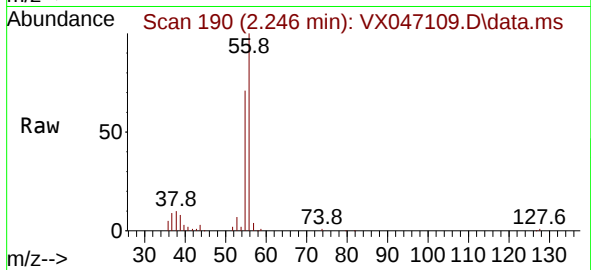
Tgt Ion: 96 Resp: 65568
Ion Ratio Lower Upper
96 100
61 165.5 132.6 198.8
98 65.0 50.2 75.4





#13
Acrolein
Concen: 107.613 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

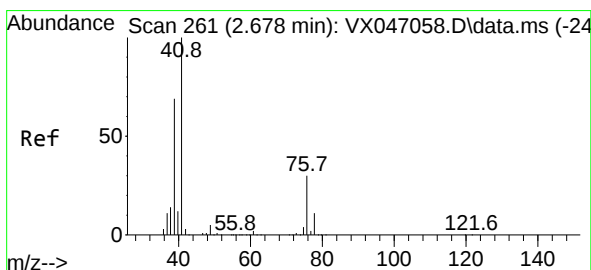
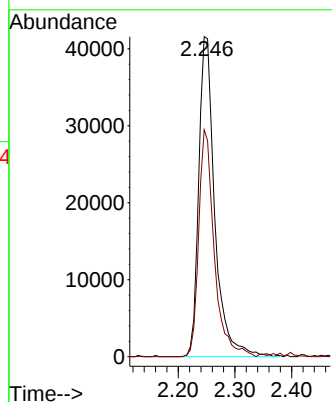
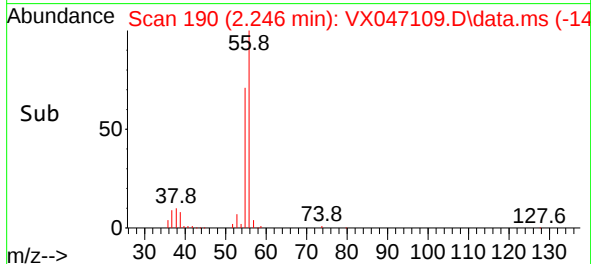
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 56 Resp: 8181
Ion Ratio Lower Upper
56 100
55 68.6 55.7 83.5

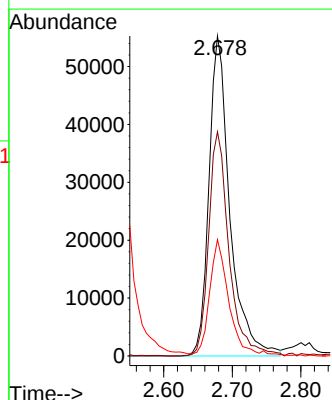
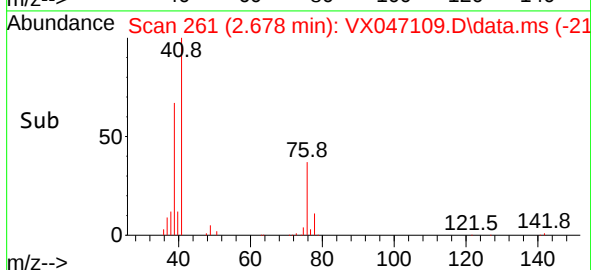
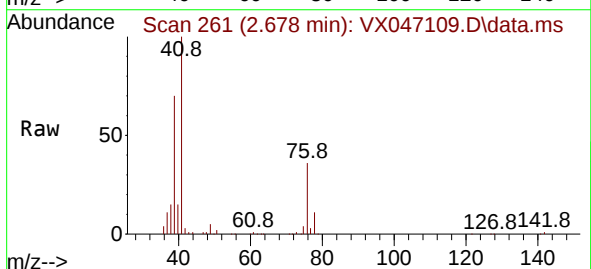
Manual Integrations
APPROVED

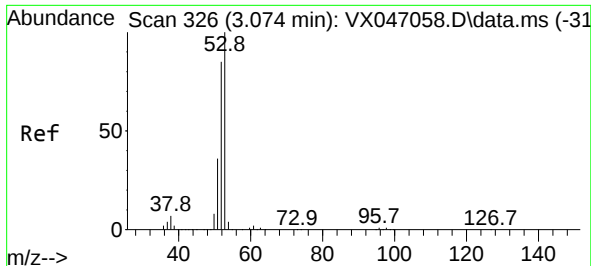
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#14
Allyl chloride
Concen: 18.218 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

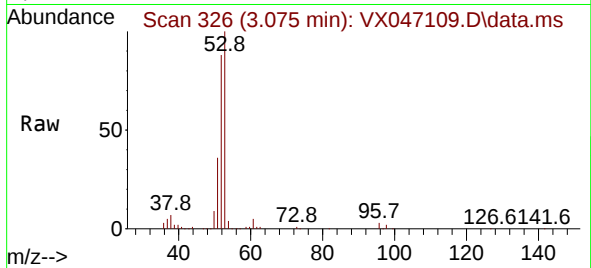
Tgt Ion: 41 Resp: 117309
Ion Ratio Lower Upper
41 100
39 68.2 52.6 78.8
76 33.2 25.7 38.5





#15
Acrylonitrile
Concen: 94.822 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

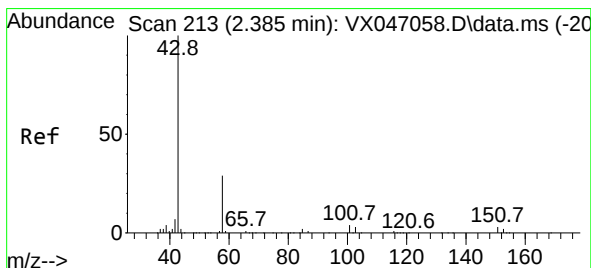
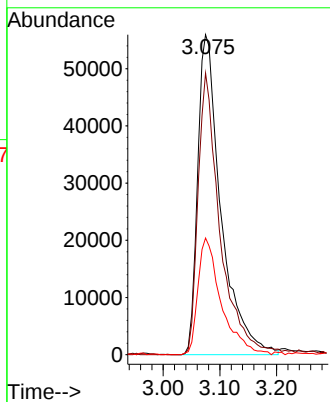
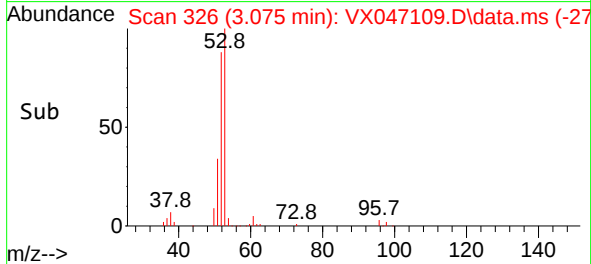
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 53 Resp: 159680
Ion Ratio Lower Upper
53 100
52 83.5 65.7 98.5
51 36.4 28.8 43.2

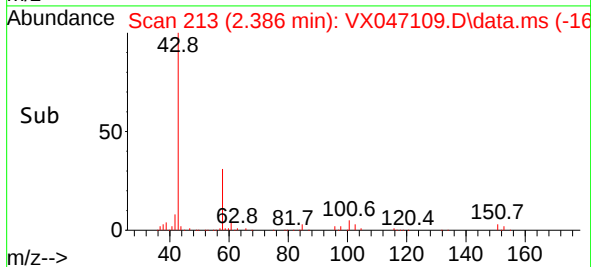
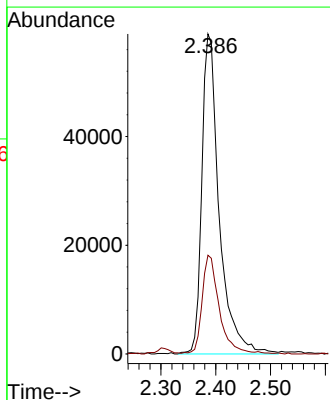
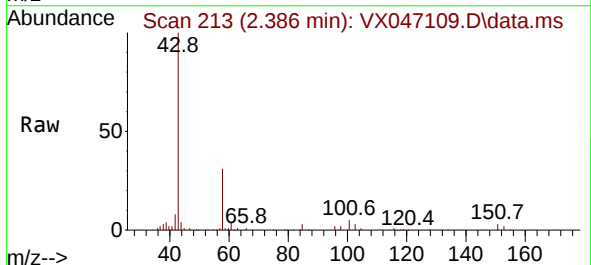
Manual Integrations
APPROVED

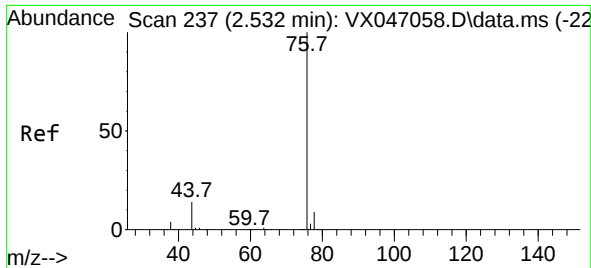
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#16
Acetone
Concen: 91.398 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion: 43 Resp: 129282
Ion Ratio Lower Upper
43 100
58 31.8 24.0 36.0





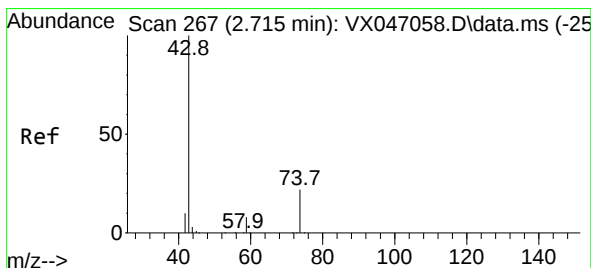
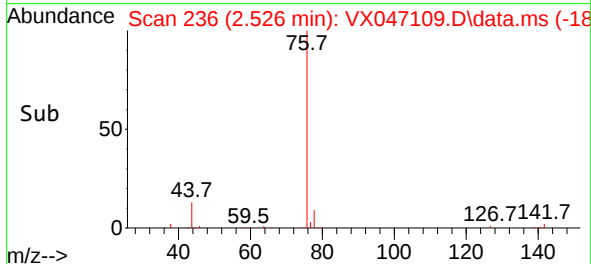
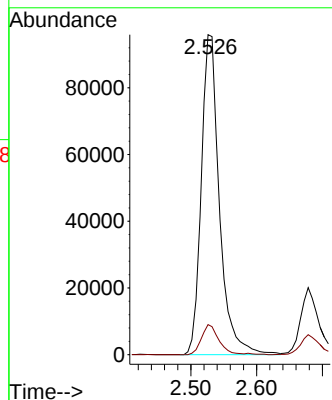
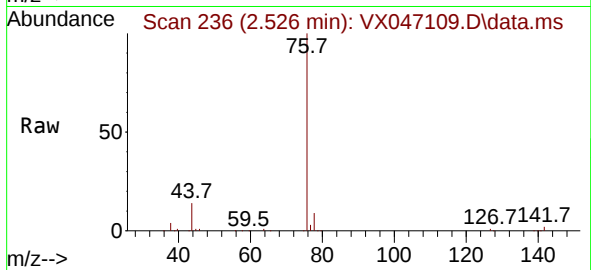
#17
Carbon Disulfide
Concen: 17.857 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 76 Resp: 18401
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

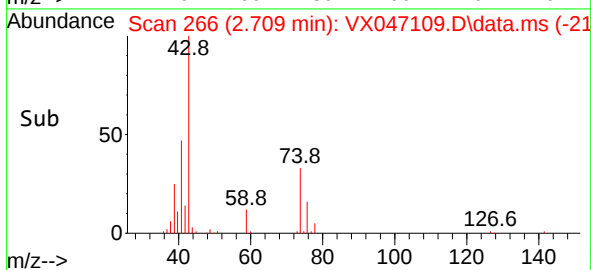
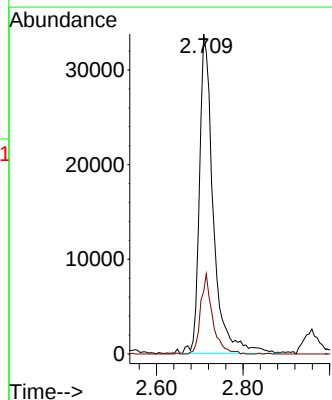
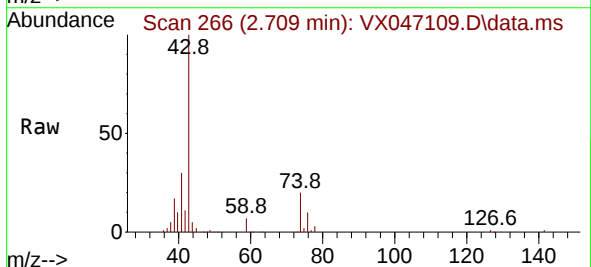
Manual Integrations
APPROVED

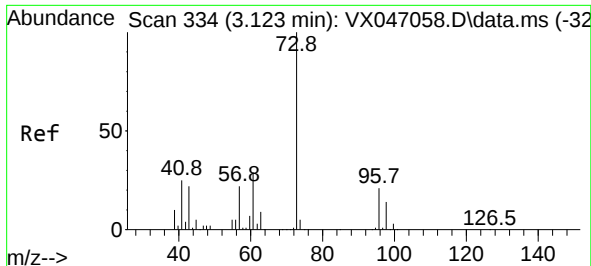
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#18
Methyl Acetate
Concen: 19.916 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion: 43 Resp: 74864
Ion Ratio Lower Upper
43 100
74 21.7 17.7 26.5





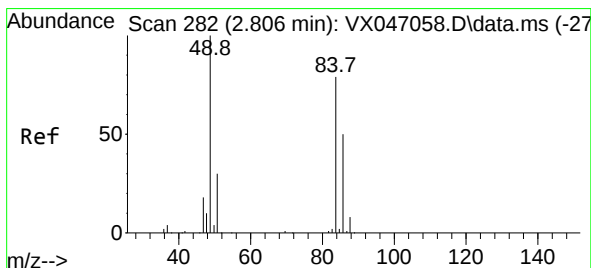
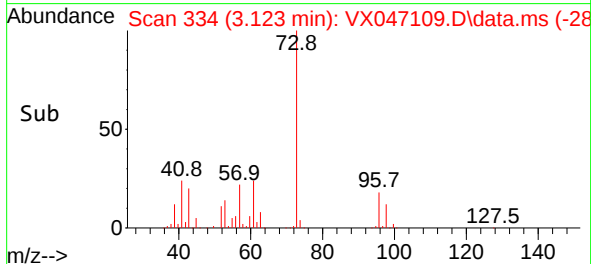
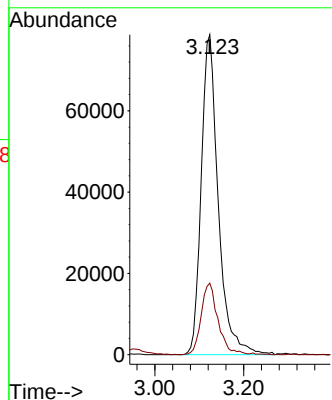
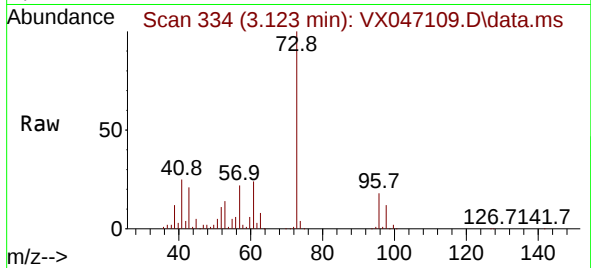
#19
Methyl tert-butyl Ether
Concen: 19.382 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 73 Resp: 21012
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

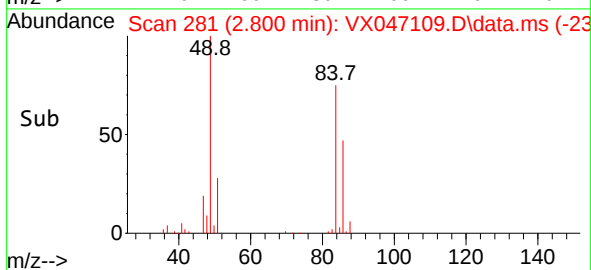
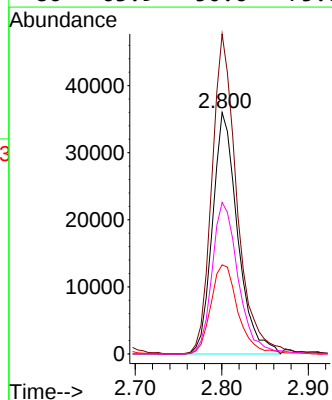
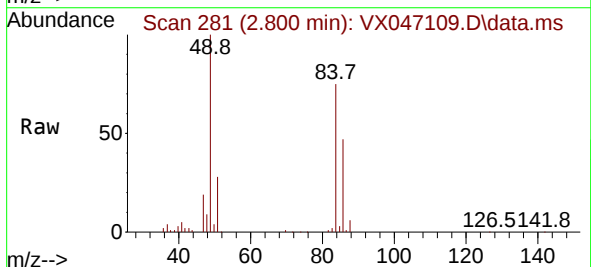
Manual Integrations
APPROVED

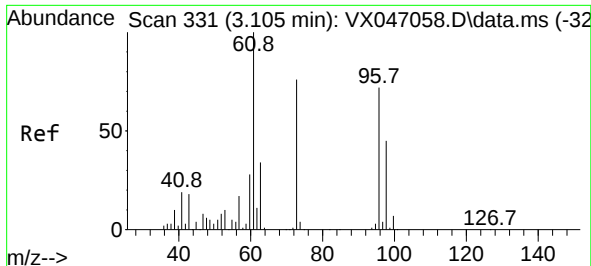
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#20
Methylene Chloride
Concen: 18.639 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

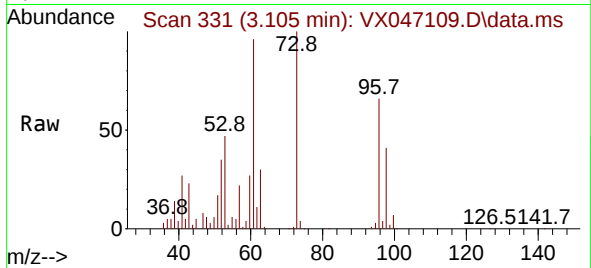
Tgt Ion: 84 Resp: 72532
Ion Ratio Lower Upper
84 100
49 132.5 101.6 152.4
51 36.9 30.3 45.5
86 63.9 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 18.358 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

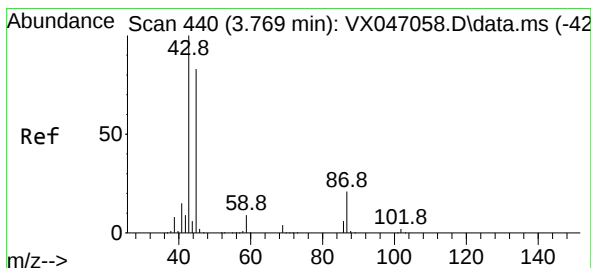
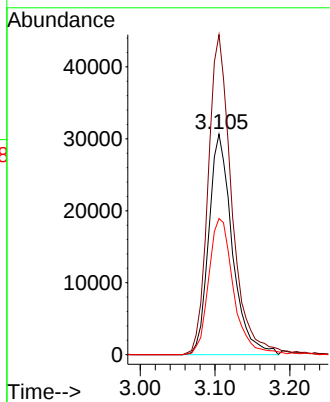
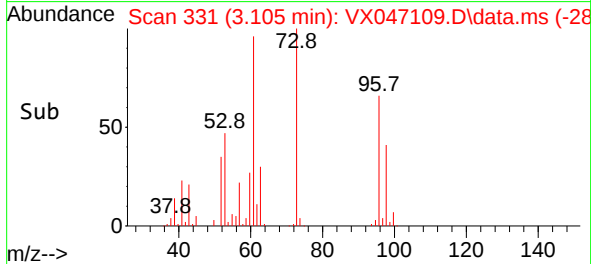
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 96 Resp: 66920
Ion Ratio Lower Upper
96 100
61 145.1 111.1 166.7
98 61.7 49.6 74.4

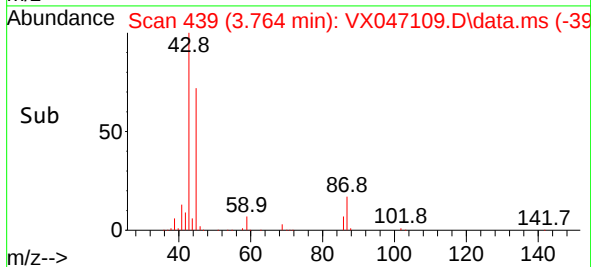
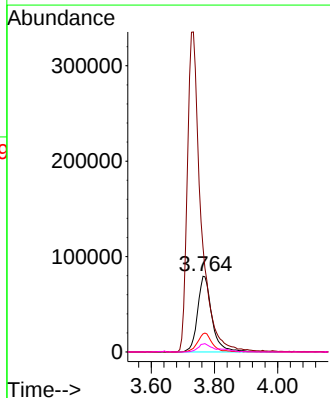
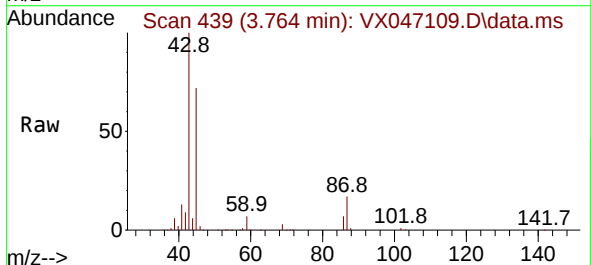
Manual Integrations
APPROVED

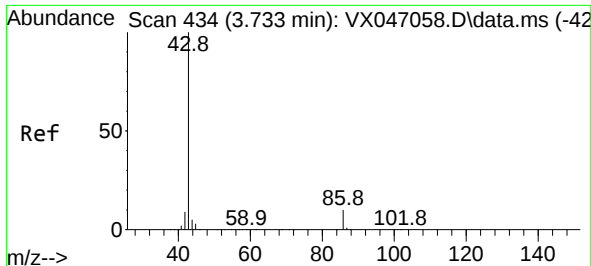
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#22
Diisopropyl ether
Concen: 20.252 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

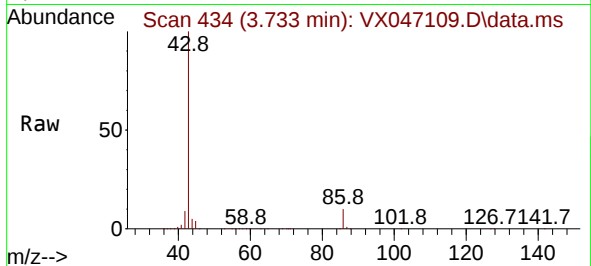
Tgt Ion: 45 Resp: 250721
Ion Ratio Lower Upper
45 100
43 138.2 96.8 145.2
87 23.8 20.5 30.7
59 10.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 101.156 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX047109.D
 Acq: 24 Jul 2025 11:21

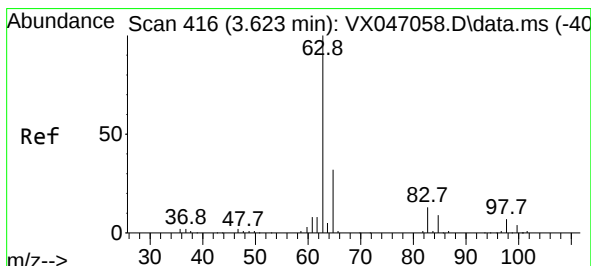
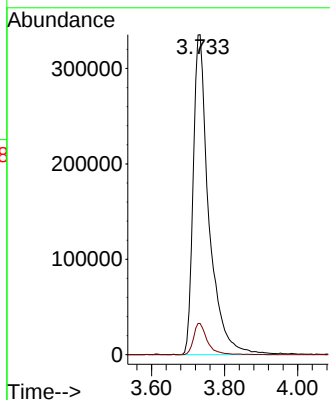
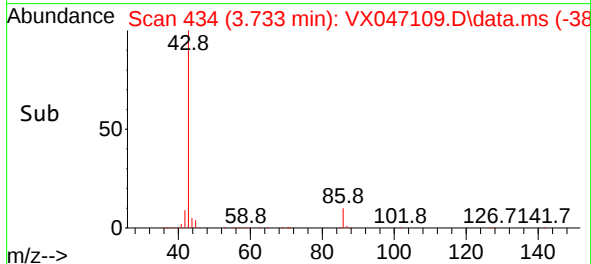
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01



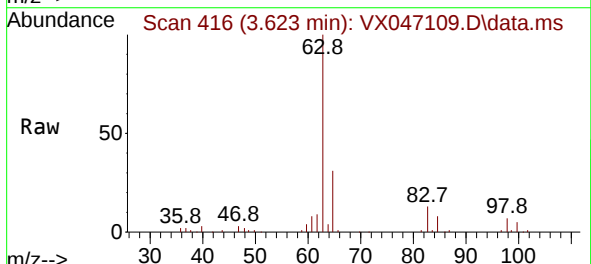
Tgt Ion: 43 Resp: 100443
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1

Manual Integrations
 APPROVED

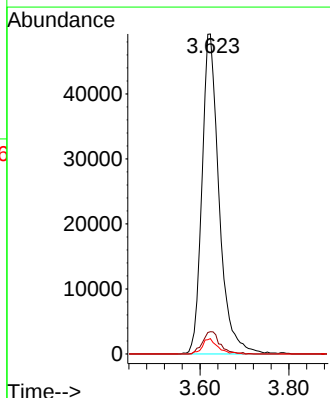
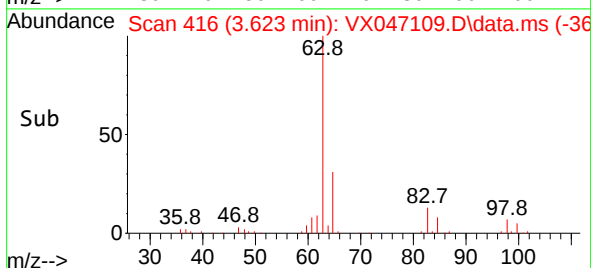
Reviewed By :John Carlone 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

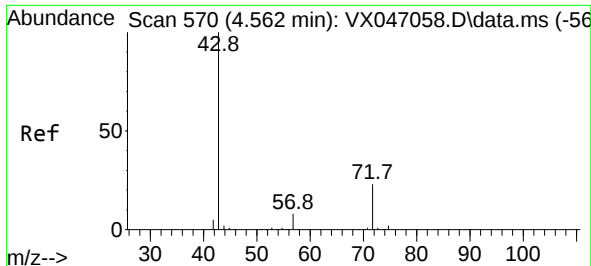


#24
 1,1-Dichloroethane
 Concen: 19.192 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047109.D
 Acq: 24 Jul 2025 11:21



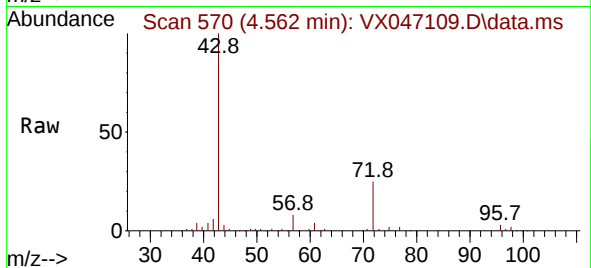
Tgt Ion: 63 Resp: 132120
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 93.593 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

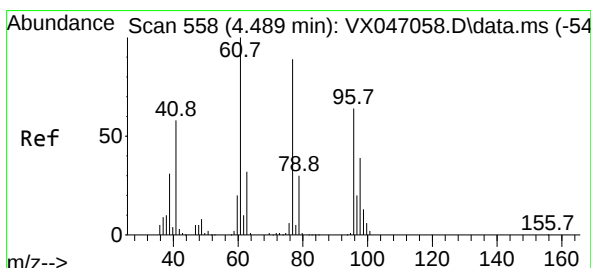
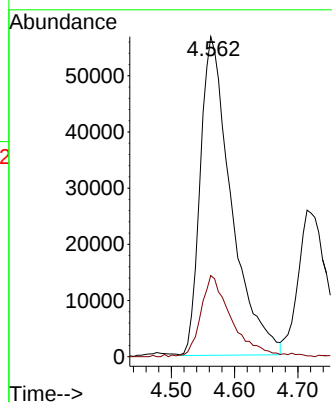
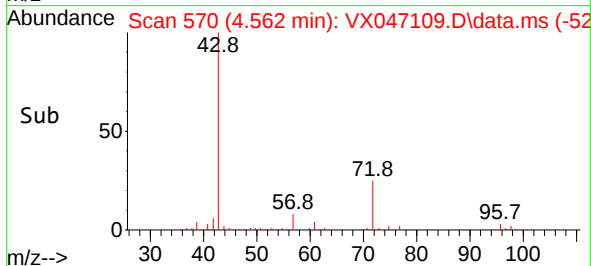
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 43 Resp: 19276
Ion Ratio Lower Upper
43 100
72 25.1 18.8 28.2

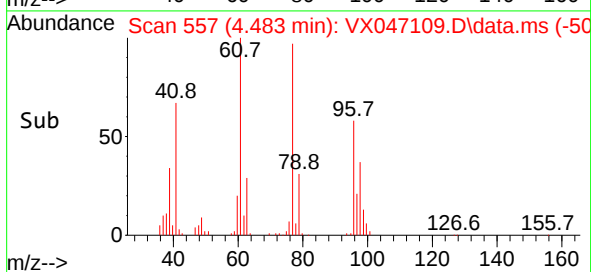
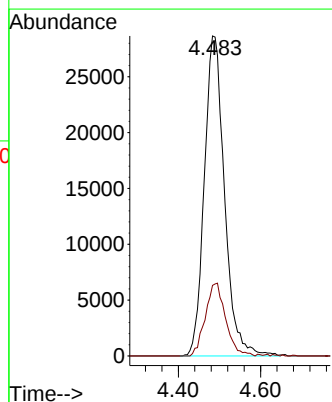
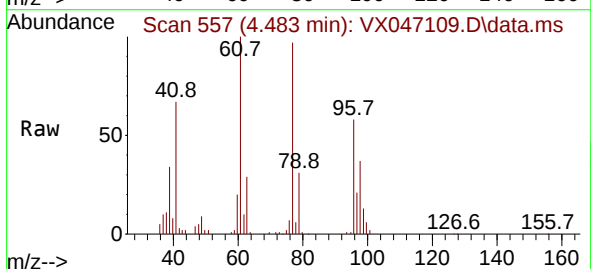
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#26
2,2-Dichloropropane
Concen: 18.338 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion: 77 Resp: 97726
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.838 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 96 Resp: 81310

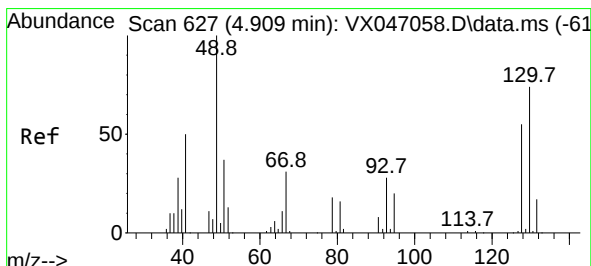
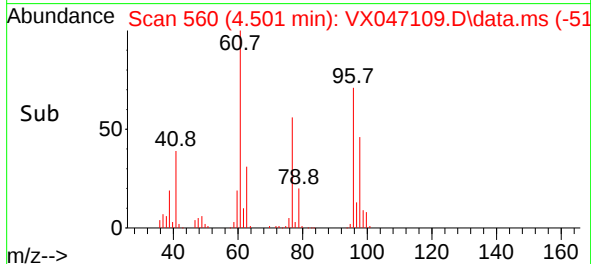
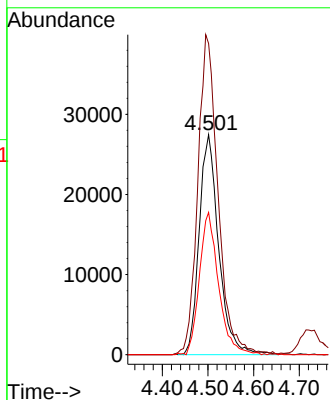
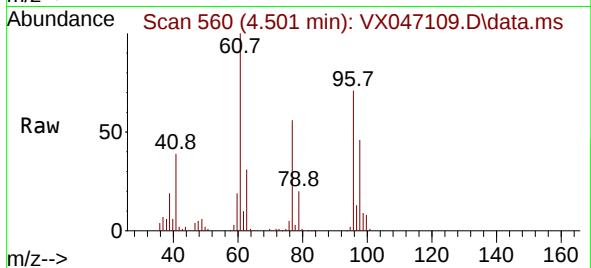
Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	298.6
98	63.6	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#28

Bromochloromethane

Concen: 23.103 ug/l

RT: 4.910 min Scan# 627

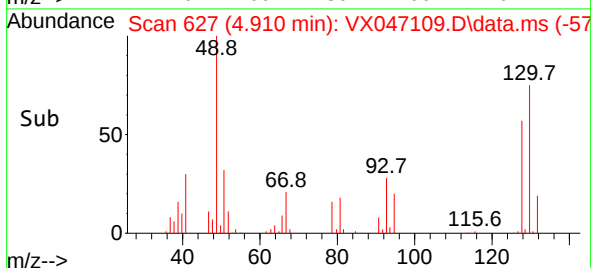
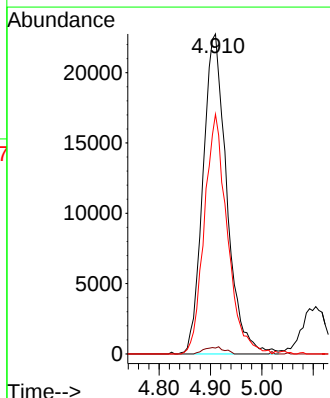
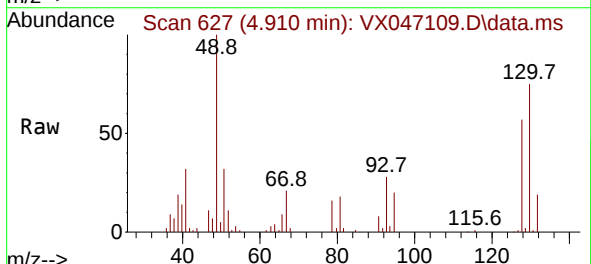
Delta R.T. 0.000 min

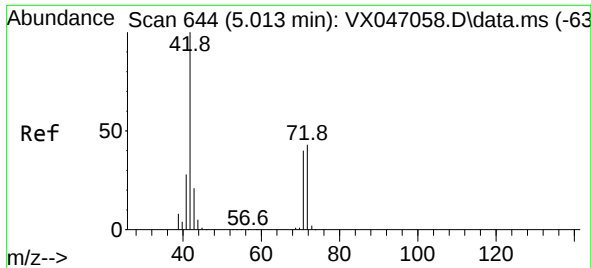
Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Tgt Ion: 49 Resp: 73170

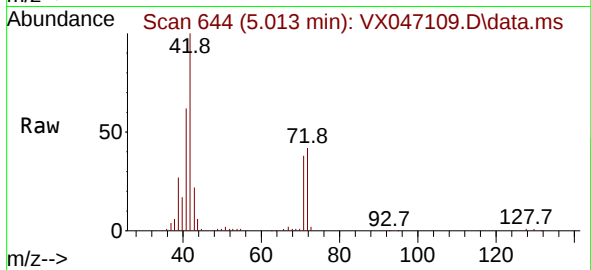
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	72.4	59.0	88.4





#29
Tetrahydrofuran
Concen: 90.222 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

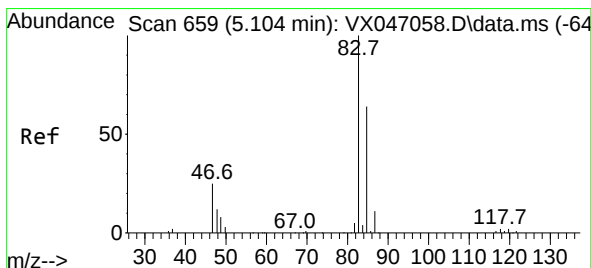
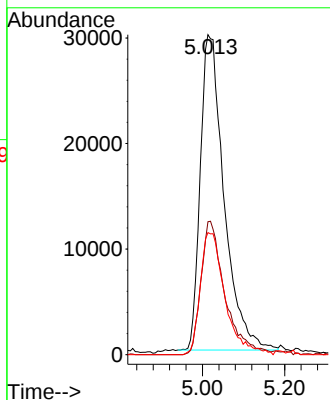
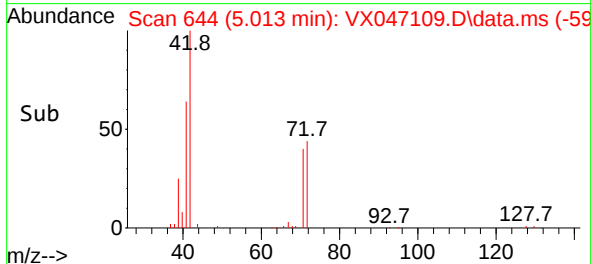
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 42 Resp: 119890
Ion Ratio Lower Upper
42 100
72 42.4 33.7 50.5
71 40.1 31.0 46.4

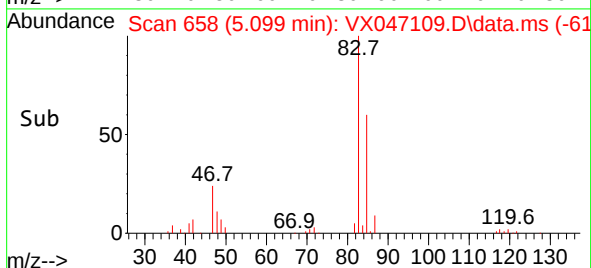
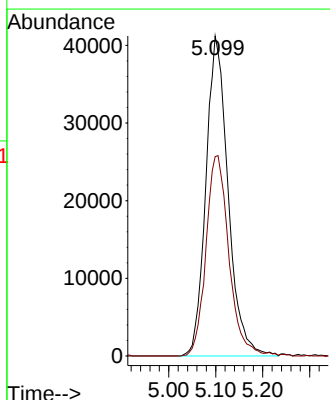
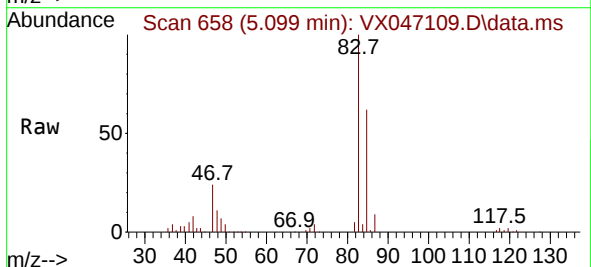
Manual Integrations
APPROVED

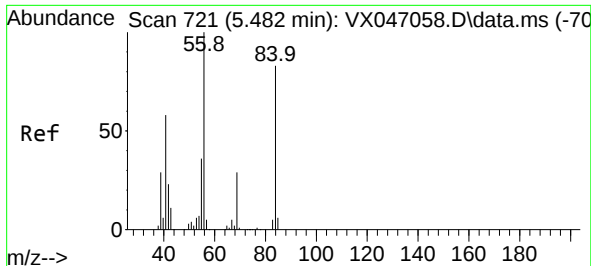
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#30
Chloroform
Concen: 19.262 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

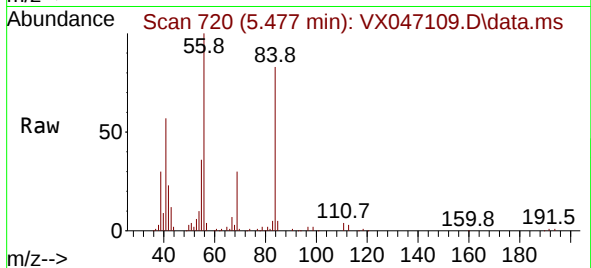
Tgt Ion: 83 Resp: 134981
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3





#31
Cyclohexane
Concen: 18.544 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

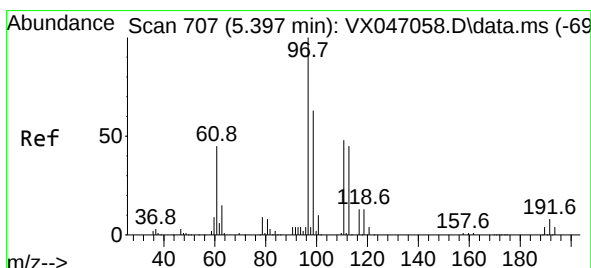
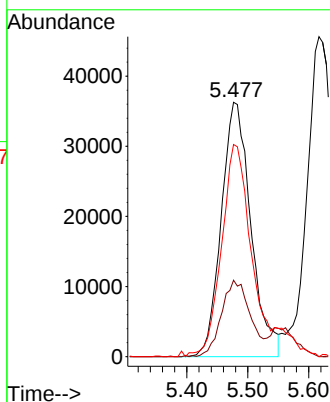
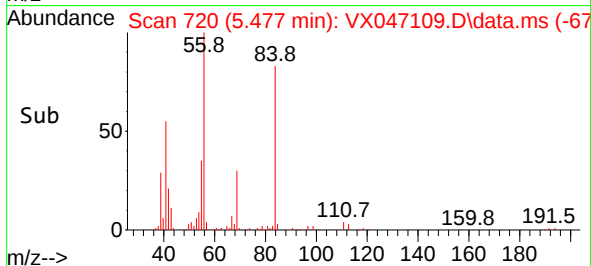
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 56 Resp: 122409
Ion Ratio Lower Upper
56 100
69 31.3 23.3 34.9
84 83.2 66.5 99.7

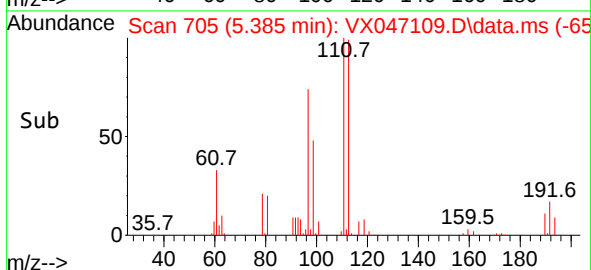
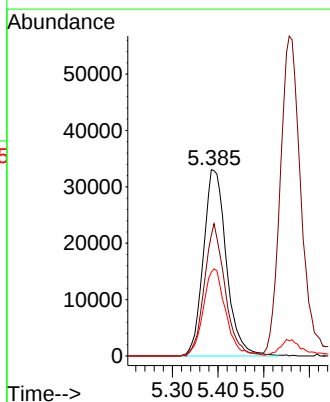
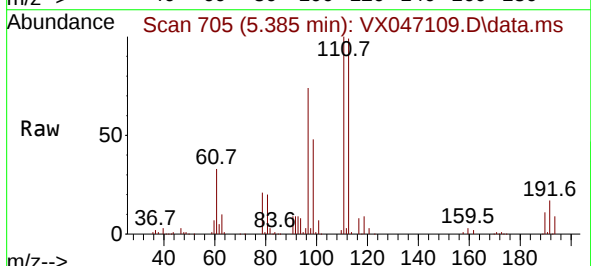
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#32
1,1,1-Trichloroethane
Concen: 18.989 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion: 97 Resp: 115580
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 45.5 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 51.746 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 65 Resp: 18271

Ion Ratio Lower Upper

65 100

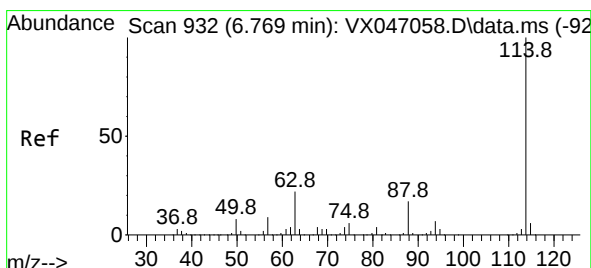
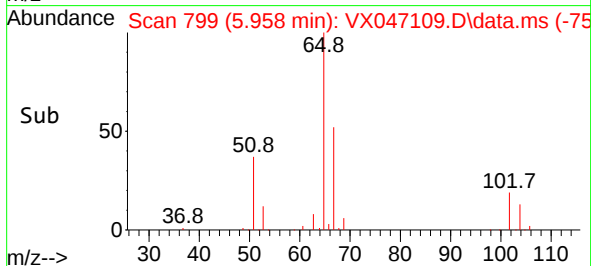
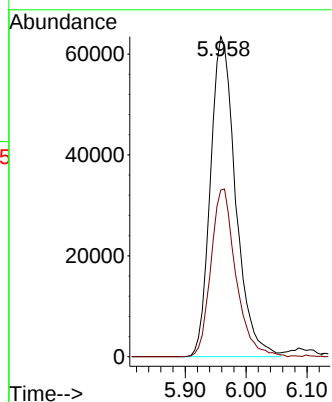
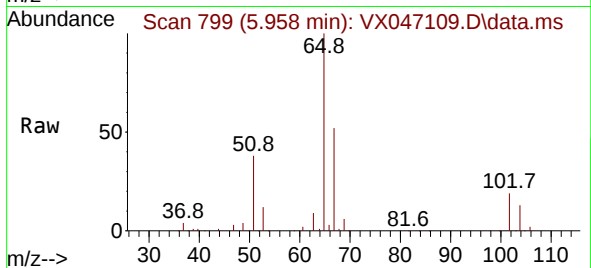
67 51.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

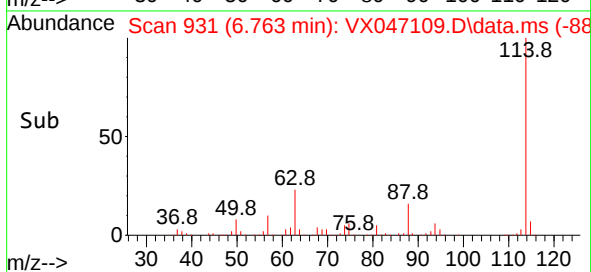
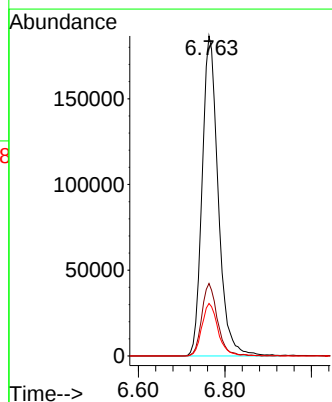
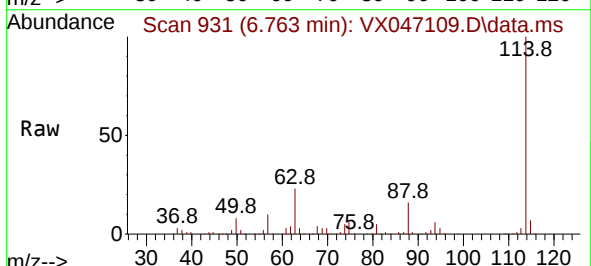
Tgt Ion:114 Resp: 479962

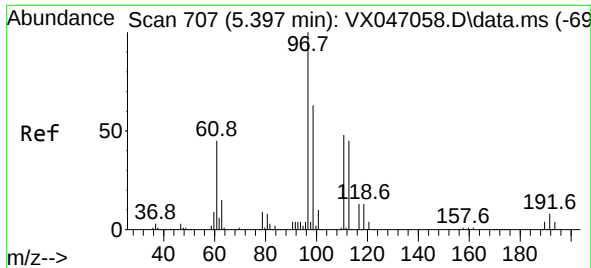
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.2

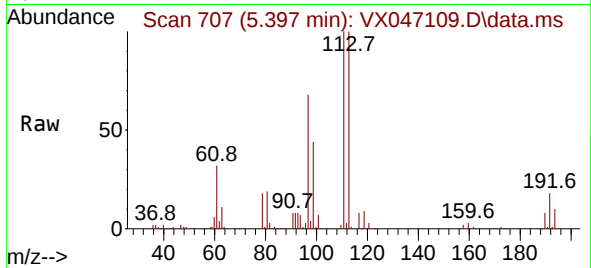
88 16.4 0.0 33.8





#35
Dibromofluoromethane
Concen: 51.538 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

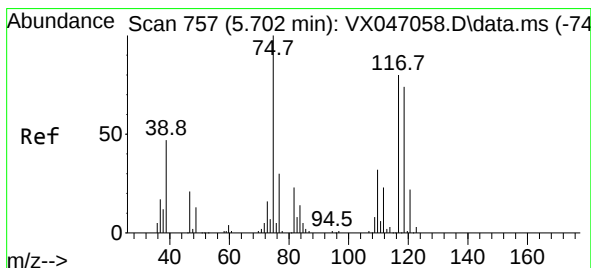
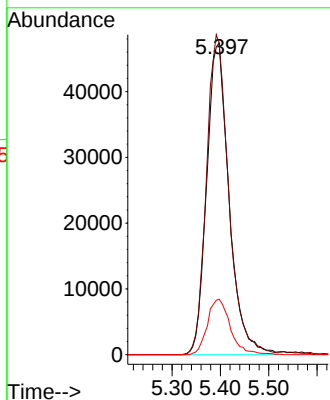
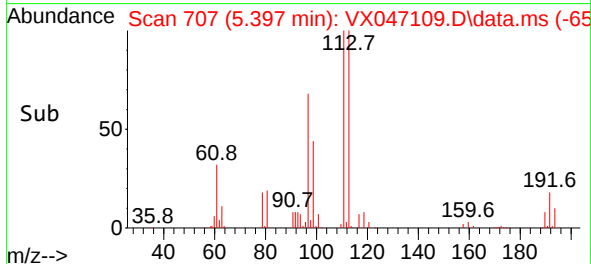
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion:113 Resp: 152730
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.3 14.9 22.3

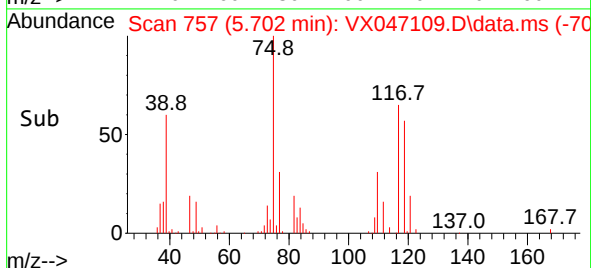
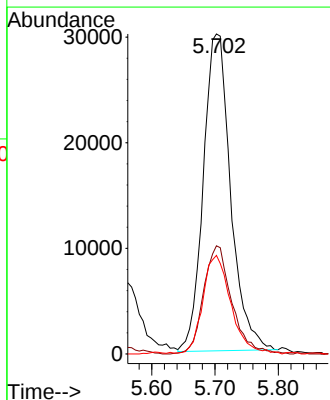
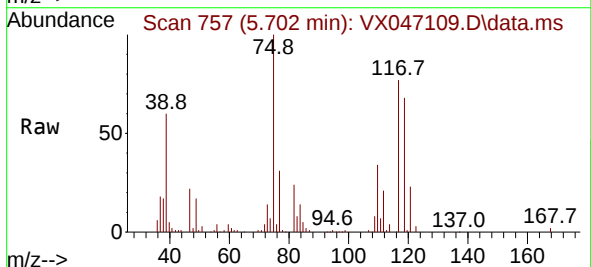
Manual Integrations
APPROVED

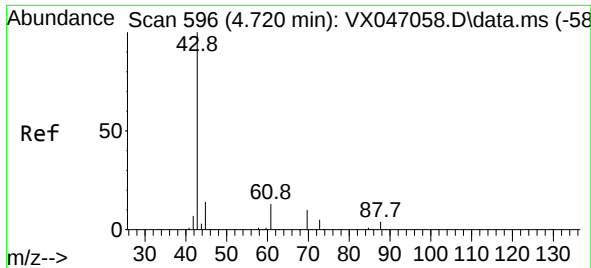
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#36
1,1-Dichloropropene
Concen: 17.832 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

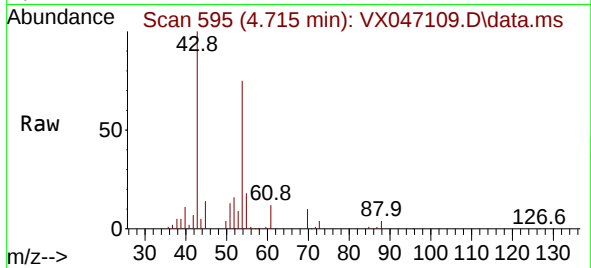
Tgt Ion: 75 Resp: 90079
Ion Ratio Lower Upper
75 100
110 35.2 17.2 51.5
77 32.0 25.1 37.7





#37
Ethyl Acetate
Concen: 17.640 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

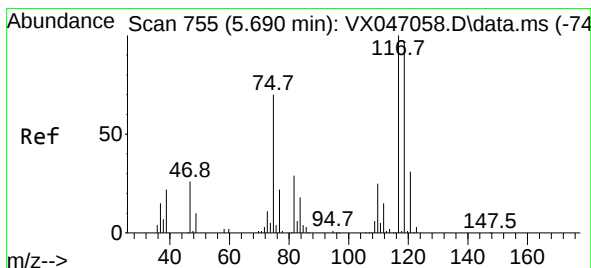
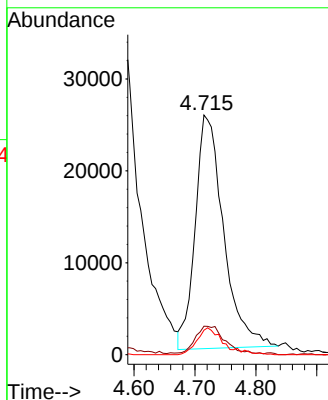
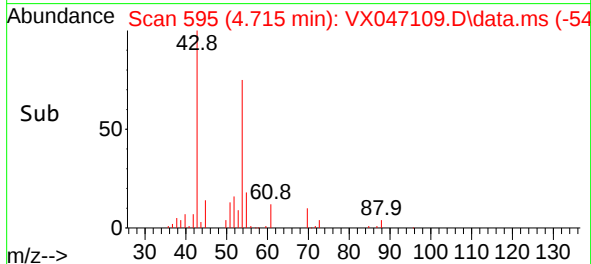
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 43 Resp: 82108
Ion Ratio Lower Upper
43 100
61 12.2 10.2 15.2
70 10.7 8.1 12.1

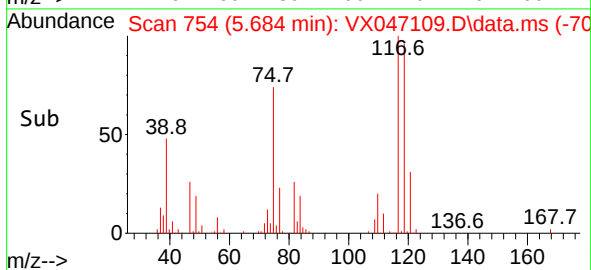
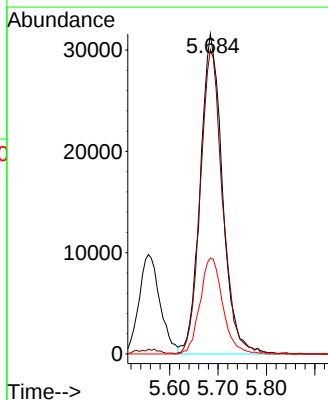
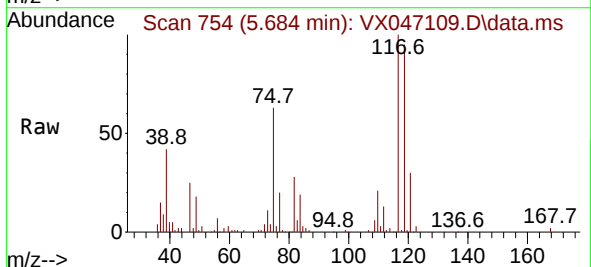
Manual Integrations
APPROVED

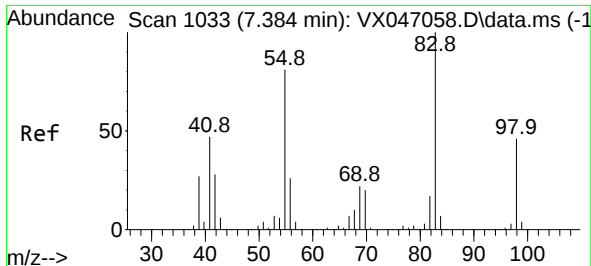
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#38
Carbon Tetrachloride
Concen: 18.640 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion:117 Resp: 100496
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0
121 30.0 24.4 36.6





#39

Methylcyclohexane

Concen: 18.459 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

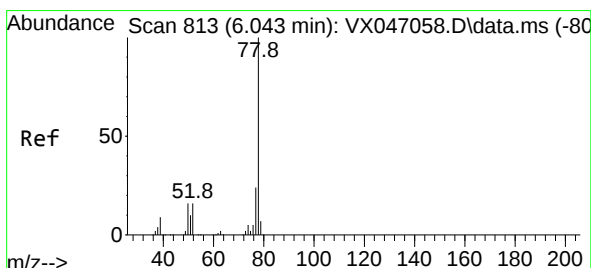
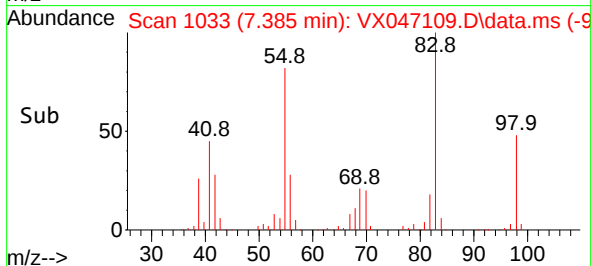
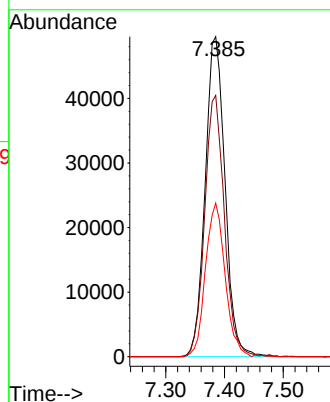
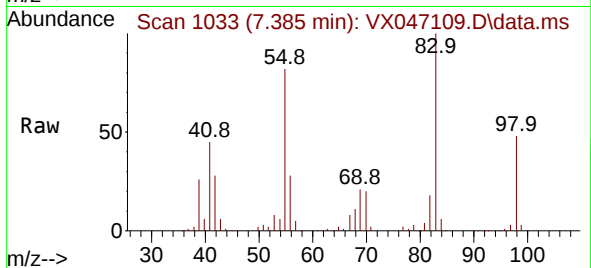
Tgt Ion: 83	Resp: 11642
Ion Ratio	Lower Upper
83	100
55	81.7 64.5 96.7
98	48.0 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#40

Benzene

Concen: 19.353 ug/l

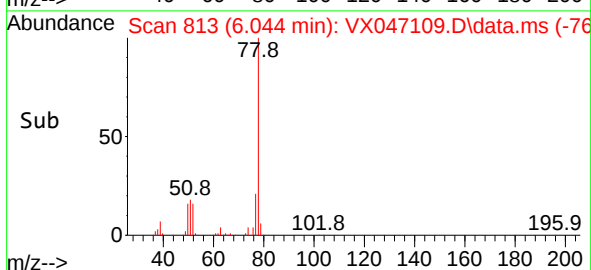
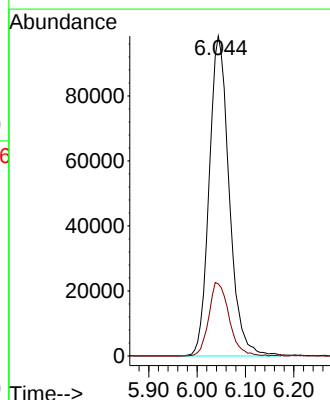
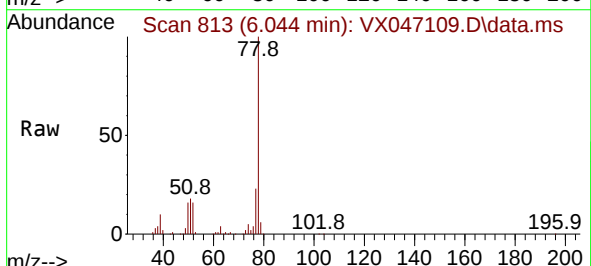
RT: 6.044 min Scan# 813

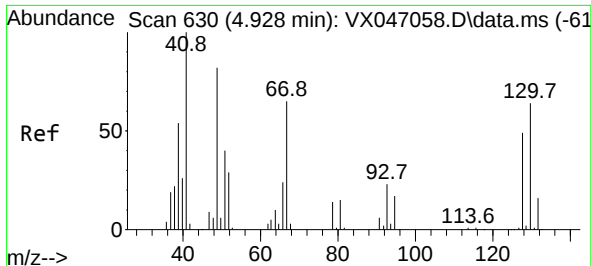
Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

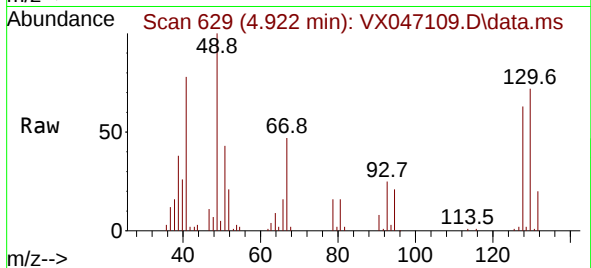
Tgt Ion: 78	Resp: 282918
Ion Ratio	Lower Upper
78	100
77	22.5 19.0 28.4





#41
Methacrylonitrile
Concen: 19.306 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

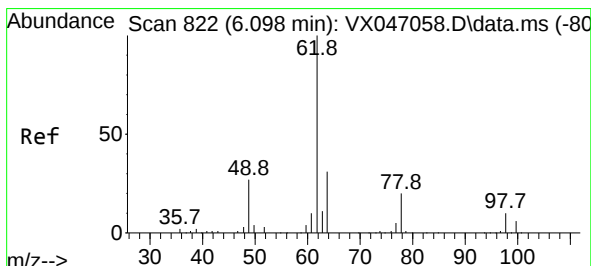
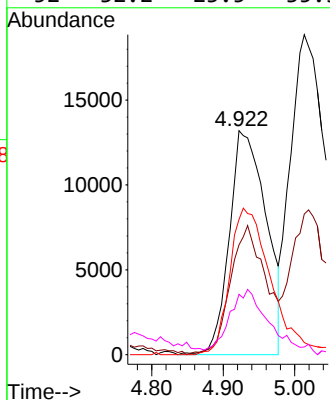
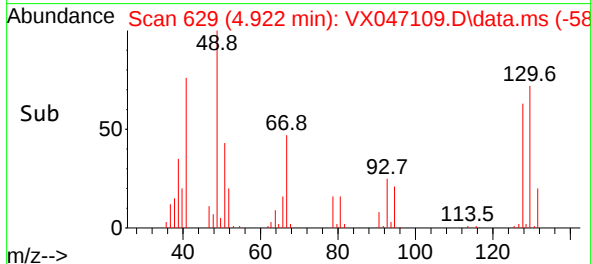
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 41 Resp: 4698
Ion Ratio Lower Upper
41 100
39 55.5 44.2 66.2
67 74.6 56.4 84.6
52 32.2 23.5 35.3

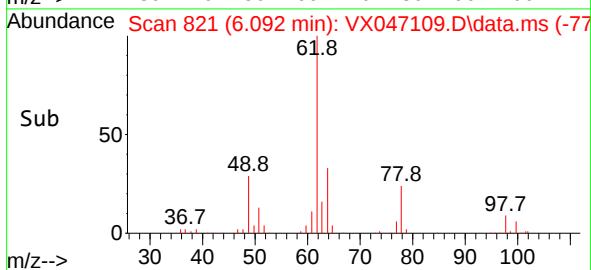
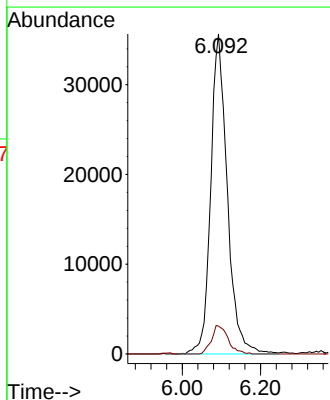
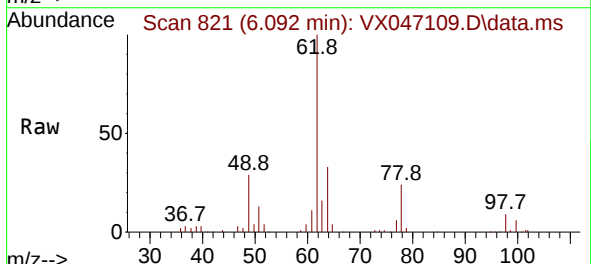
Manual Integrations
APPROVED

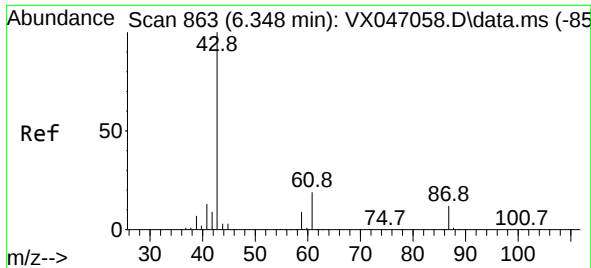
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#42
1,2-Dichloroethane
Concen: 20.333 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion: 62 Resp: 104705
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.8





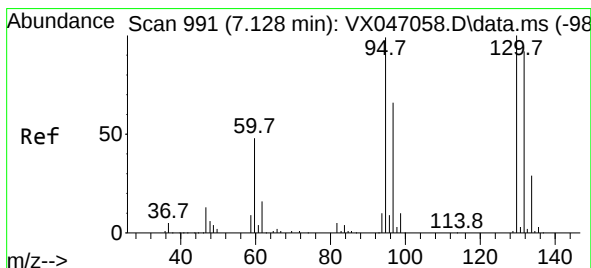
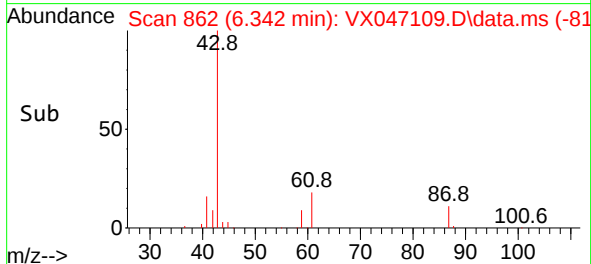
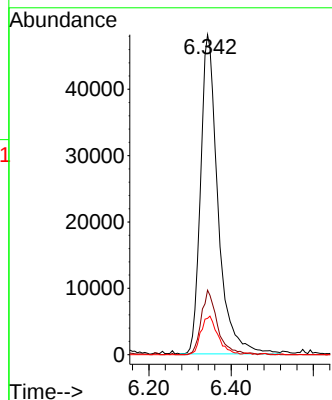
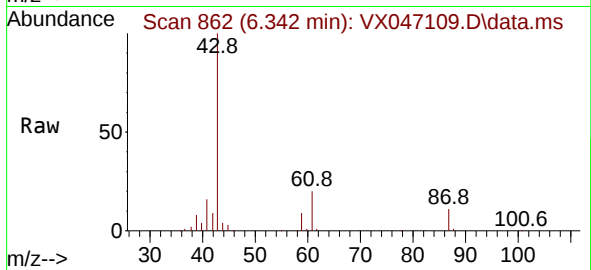
#43
Isopropyl Acetate
Concen: 19.430 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 43 Resp: 140997
Ion Ratio Lower Upper
43 100
61 18.7 15.1 22.7
87 11.8 9.7 14.5

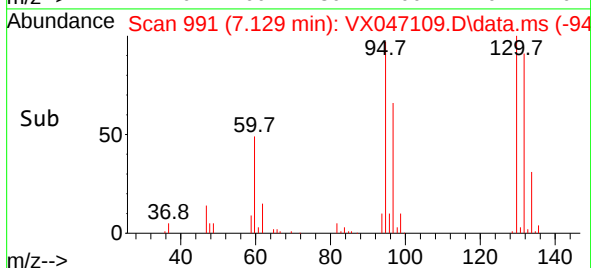
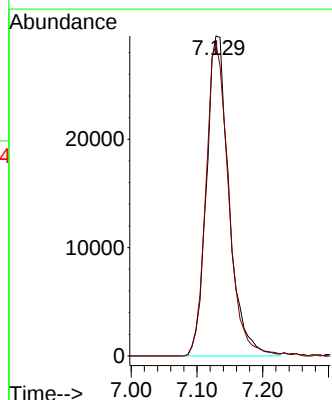
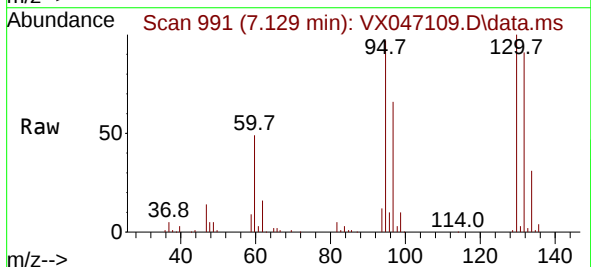
Manual Integrations
APPROVED

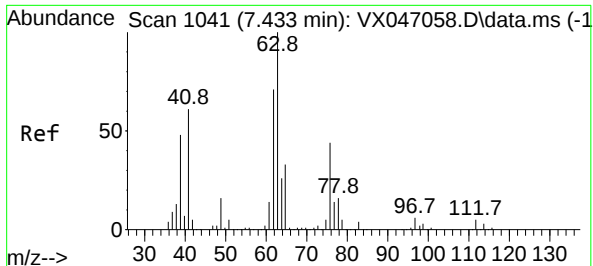
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#44
Trichloroethene
Concen: 18.816 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion:130 Resp: 70537
Ion Ratio Lower Upper
130 100
95 97.4 0.0 198.6





#45

1,2-Dichloropropane

Concen: 19.737 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 63 Resp: 7226

Ion Ratio Lower Upper

63 100

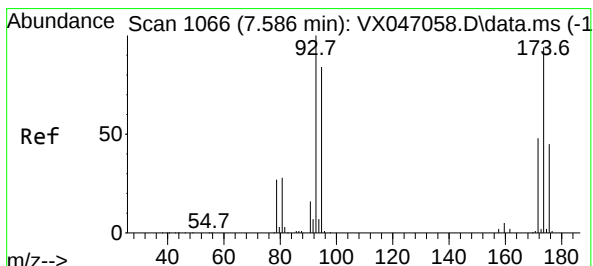
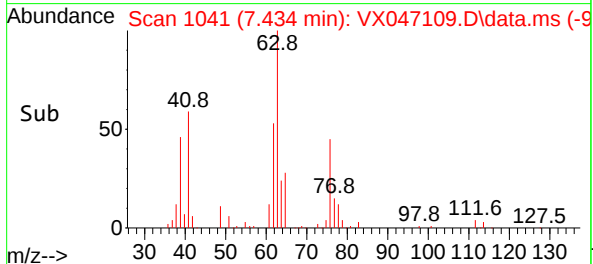
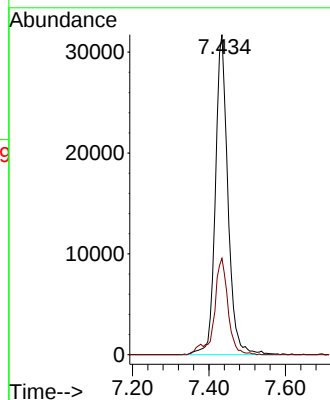
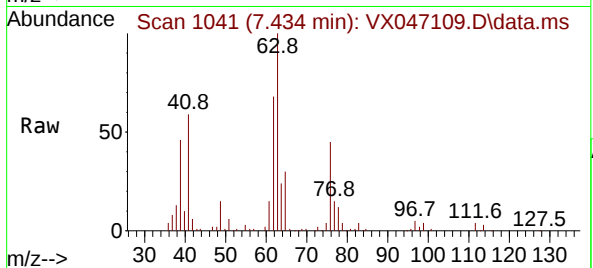
65 30.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#46

Dibromomethane

Concen: 20.076 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

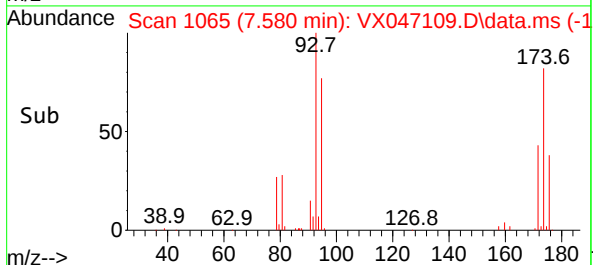
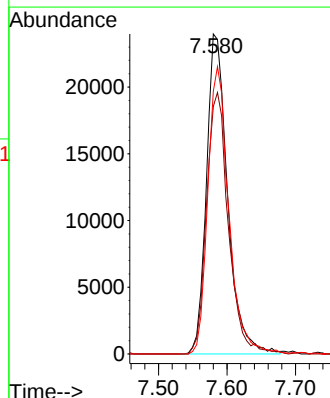
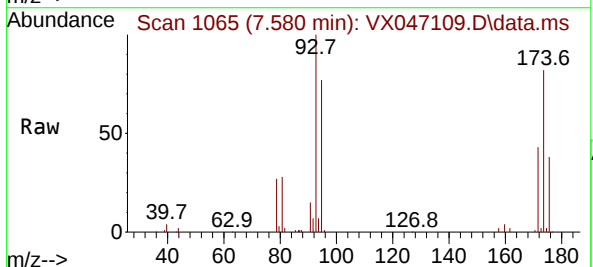
Tgt Ion: 93 Resp: 51547

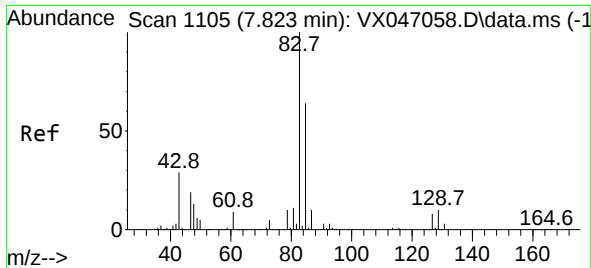
Ion Ratio Lower Upper

93 100

95 84.3 65.9 98.9

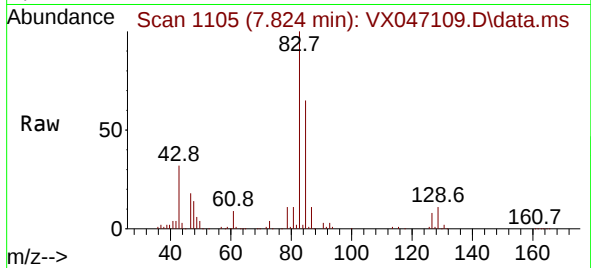
174 88.9 74.6 112.0





#47
Bromodichloromethane
Concen: 19.663 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

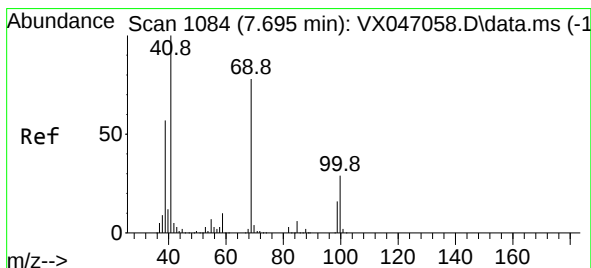
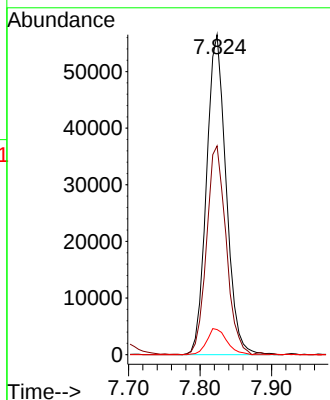
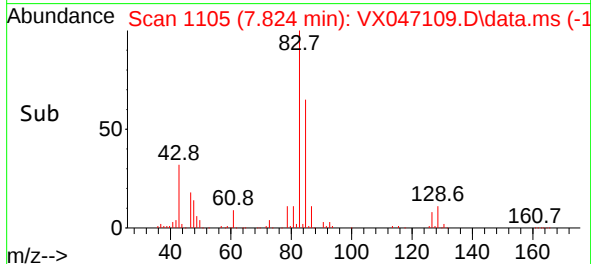
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



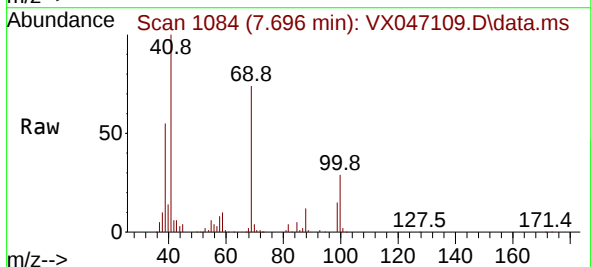
Tgt Ion: 83 Resp: 107459
Ion Ratio Lower Upper
83 100
85 65.2 49.9 74.9
127 7.9 6.6 10.0

Manual Integrations
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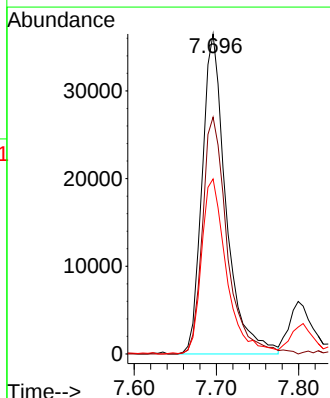
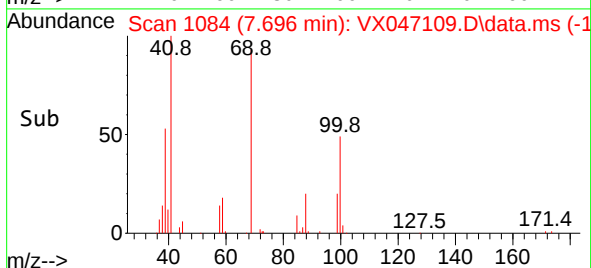
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

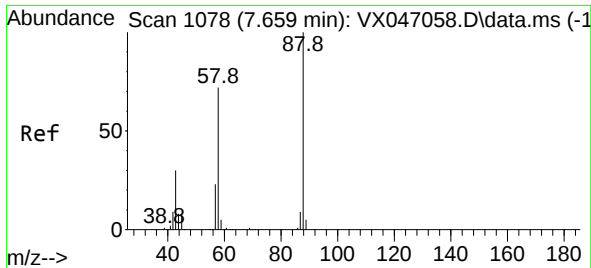


#48
Methyl methacrylate
Concen: 18.685 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21



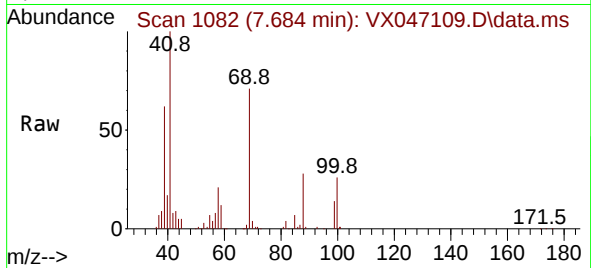
Tgt Ion: 41 Resp: 73862
Ion Ratio Lower Upper
41 100
69 76.4 62.3 93.5
39 57.3 44.8 67.2





#49
1,4-Dioxane
Concen: 378.970 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

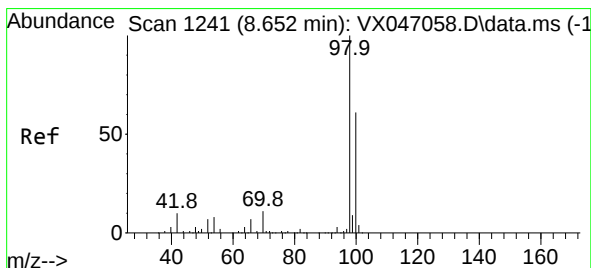
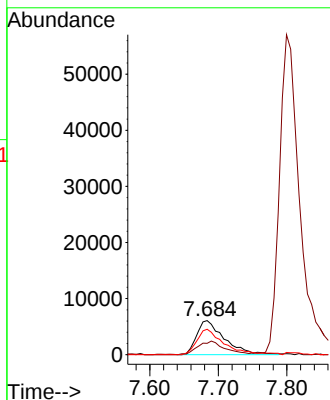
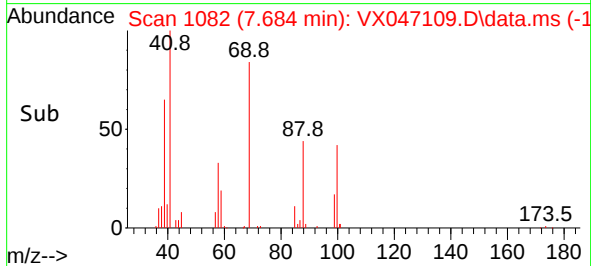
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 88 Resp: 17039
Ion Ratio Lower Upper
88 100
43 38.6 33.6 50.4
58 73.6 58.8 88.2

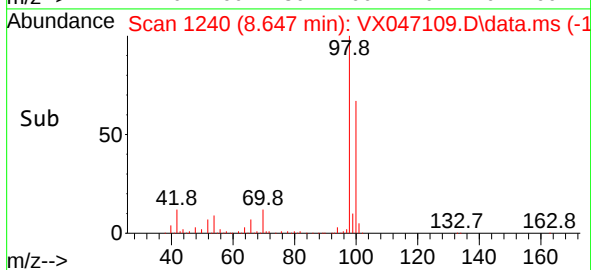
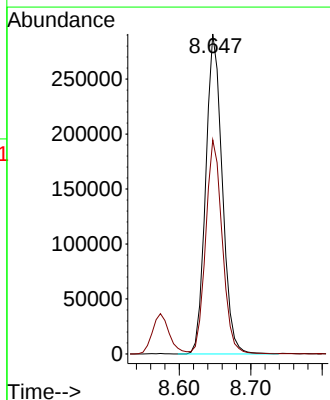
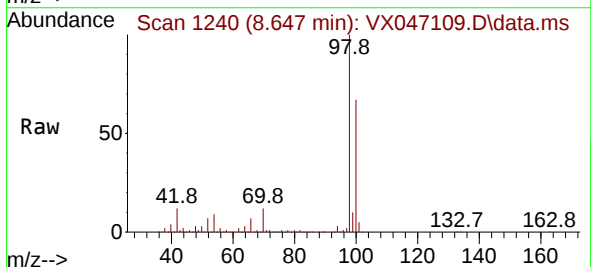
Manual Integrations
APPROVED

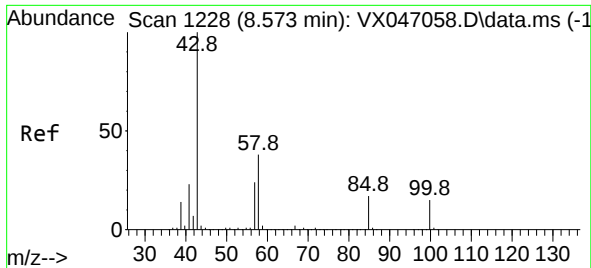
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#50
Toluene-d8
Concen: 48.792 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion: 98 Resp: 468257
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9





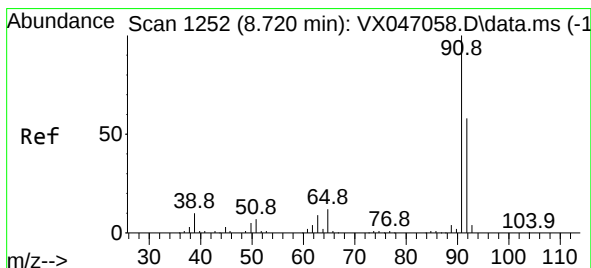
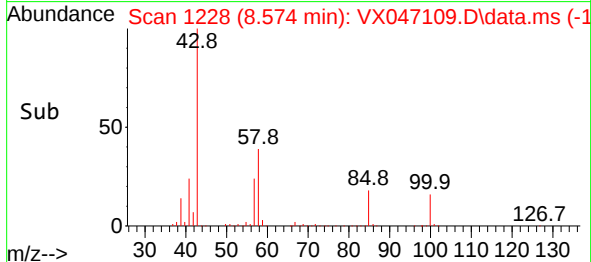
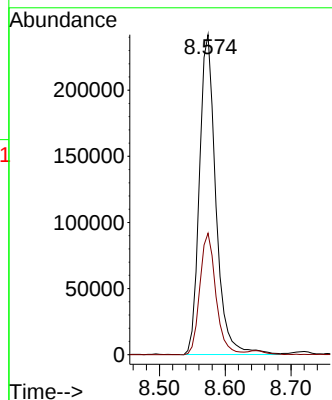
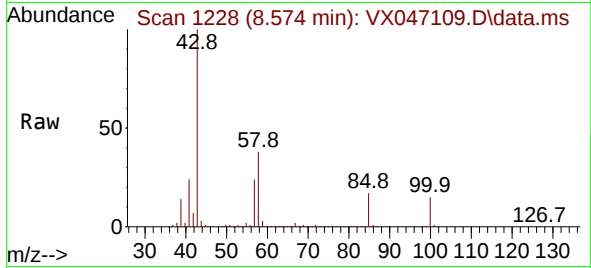
#51
4-Methyl-2-Pentanone
Concen: 97.558 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 43 Resp: 420780
Ion Ratio Lower Upper
43 100
58 37.2 30.6 45.8

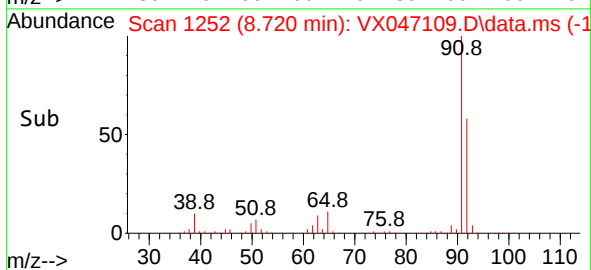
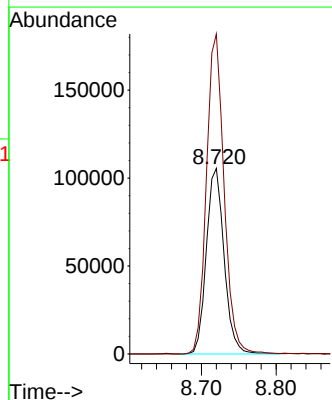
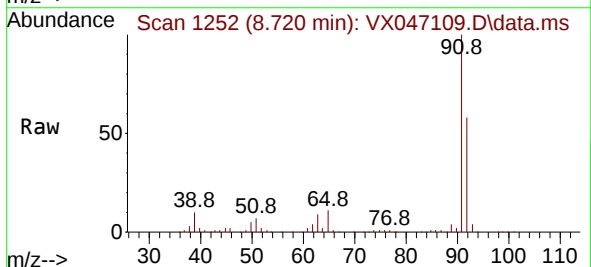
Manual Integrations
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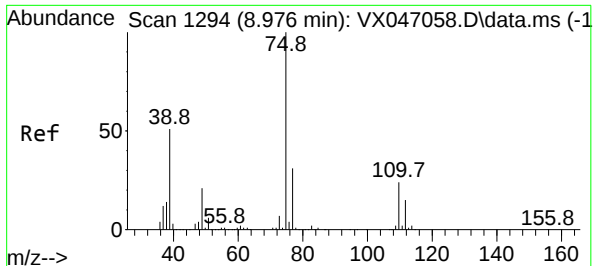
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#52
Toluene
Concen: 19.390 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion: 92 Resp: 174298
Ion Ratio Lower Upper
92 100
91 171.0 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 18.611 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 75 Resp: 96040

Ion Ratio Lower Upper

75 100

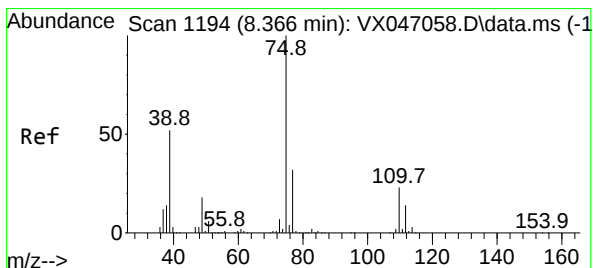
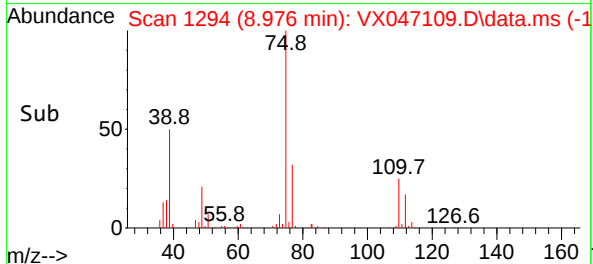
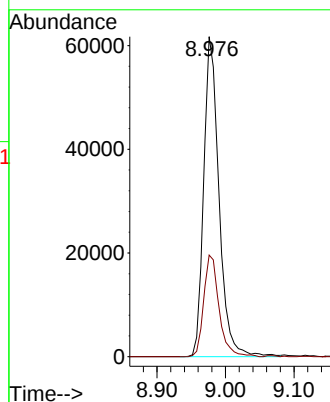
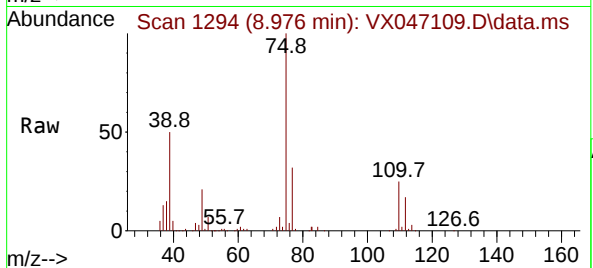
77 31.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#54

cis-1,3-Dichloropropene

Concen: 19.611 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

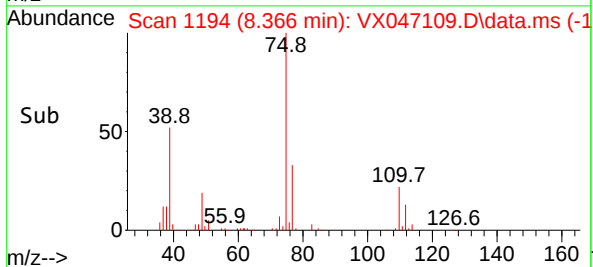
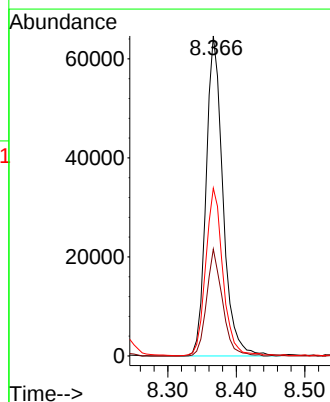
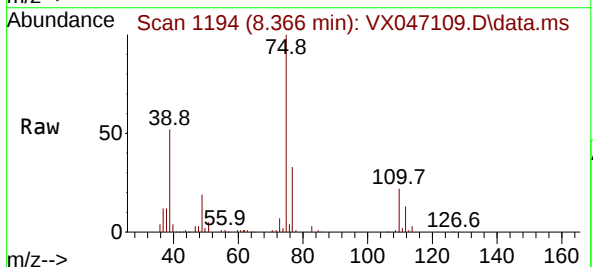
Tgt Ion: 75 Resp: 110773

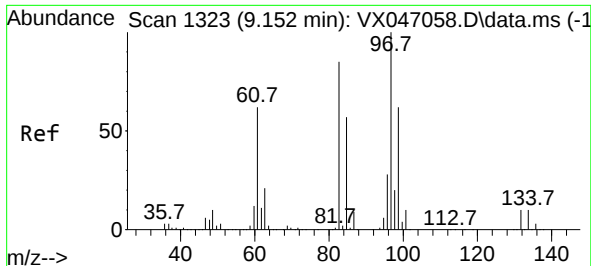
Ion Ratio Lower Upper

75 100

77 33.4 25.4 38.0

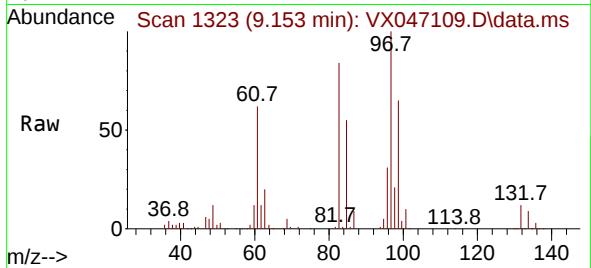
39 50.8 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 19.951 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

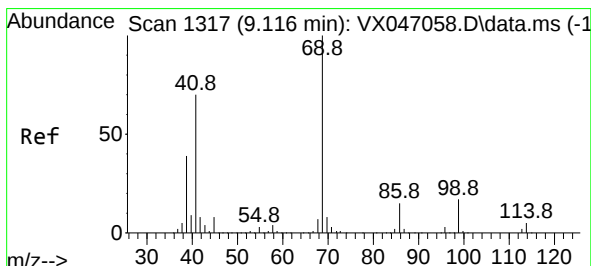
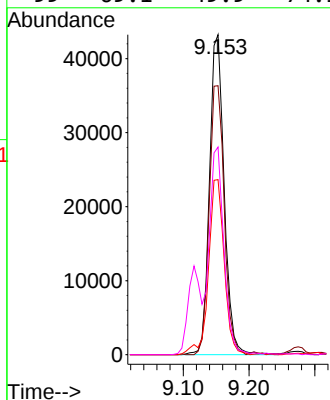
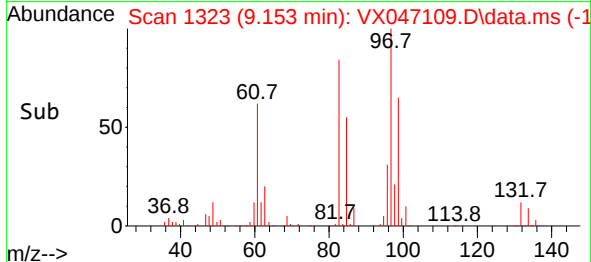
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



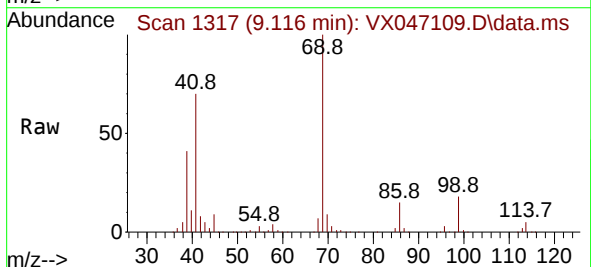
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.0	102.0
85	54.7	45.2	67.8
99	69.1	49.9	74.9

Manual Integrations
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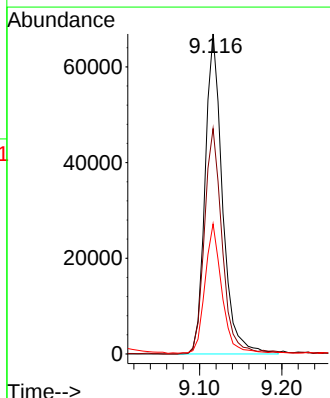
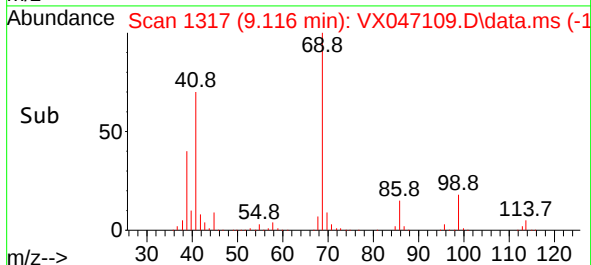
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

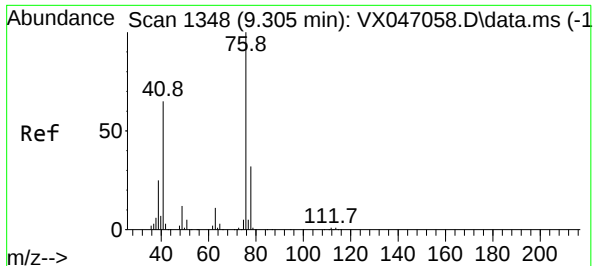


#56
Ethyl methacrylate
Concen: 19.712 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21



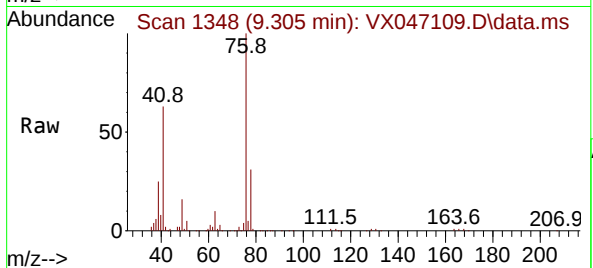
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.1	84.1
39	38.7	31.1	46.7





#57
1,3-Dichloropropane
Concen: 20.127 ug/l
RT: 9.305 min Scan# 11792
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

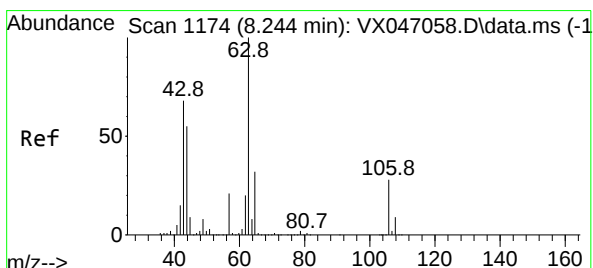
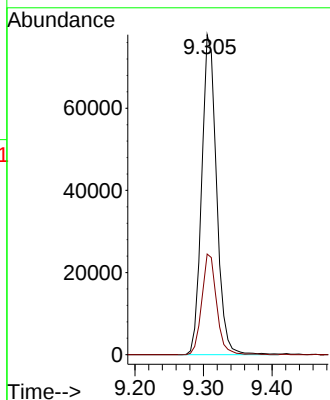
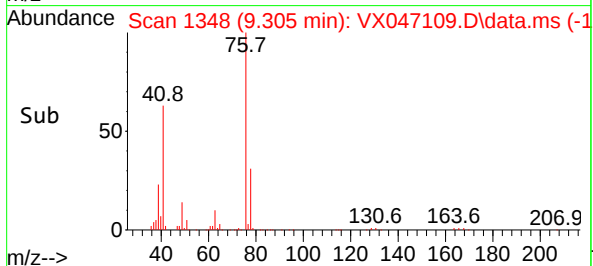
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



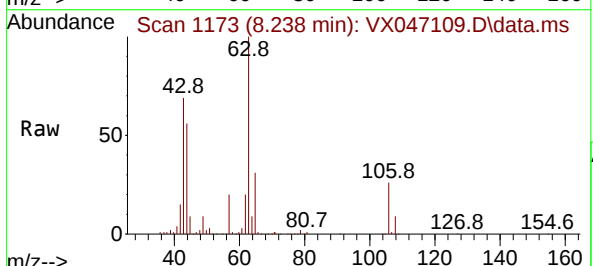
Tgt Ion: 76 Resp: 11792
Ion Ratio Lower Upper
76 100
78 31.1 25.5 38.3

Manual Integrations
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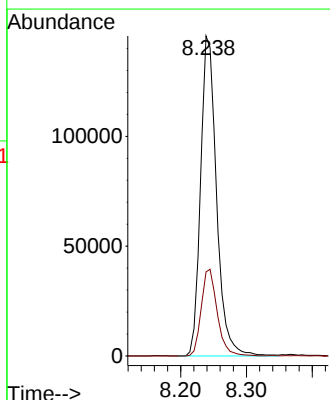
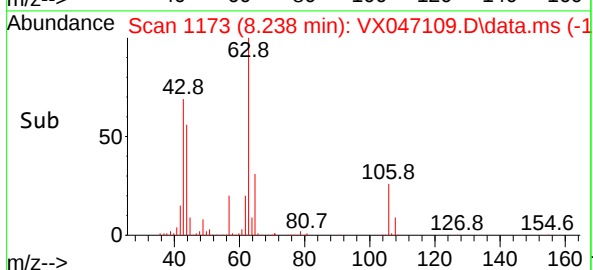
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

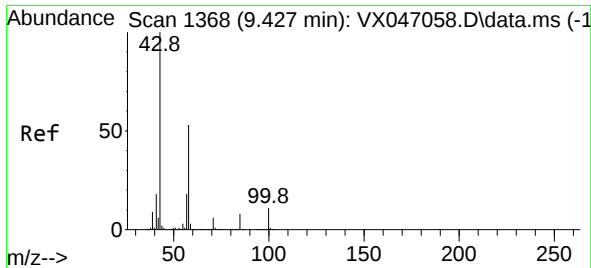


#58
2-Chloroethyl Vinyl ether
Concen: 88.693 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21



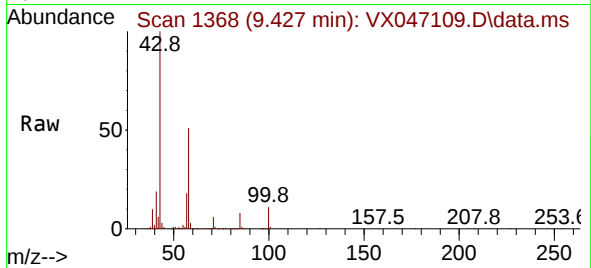
Tgt Ion: 63 Resp: 246307
Ion Ratio Lower Upper
63 100
106 27.1 22.2 33.4





#59
2-Hexanone
Concen: 101.220 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

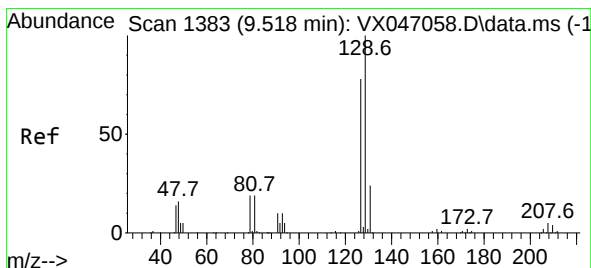
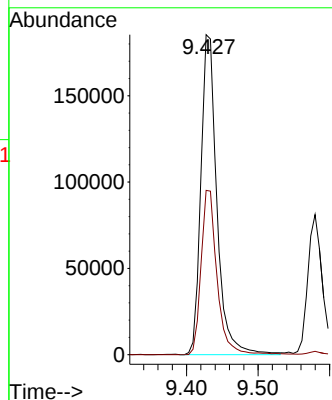
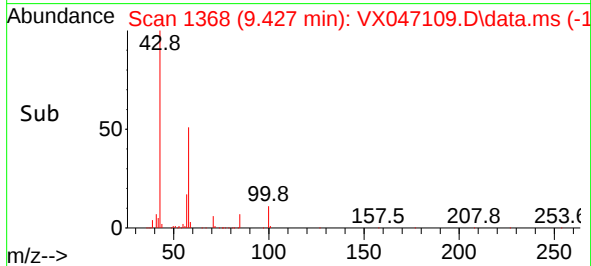
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 43 Resp: 28844
Ion Ratio Lower Upper
43 100
58 51.4 26.5 79.5

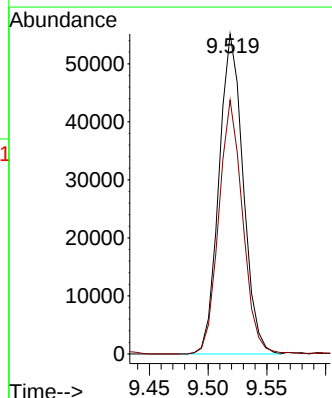
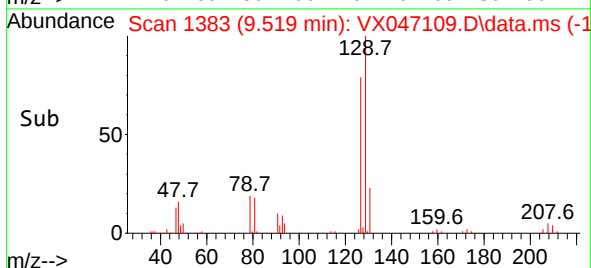
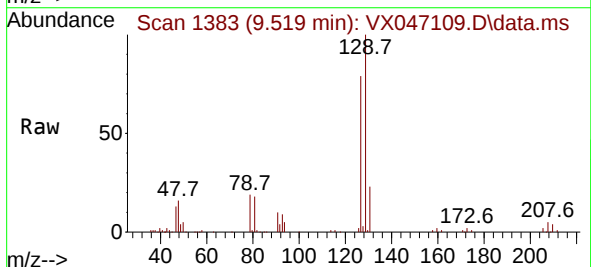
Manual Integrations
APPROVED

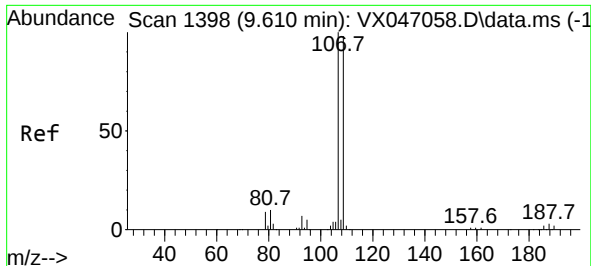
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#60
Dibromochloromethane
Concen: 19.933 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion:129 Resp: 78807
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





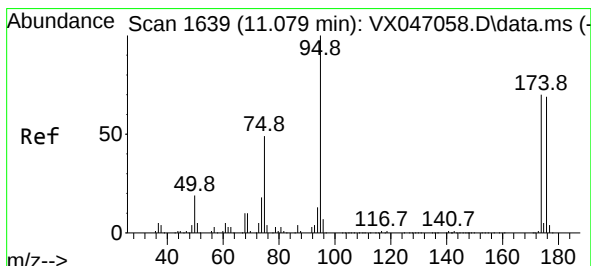
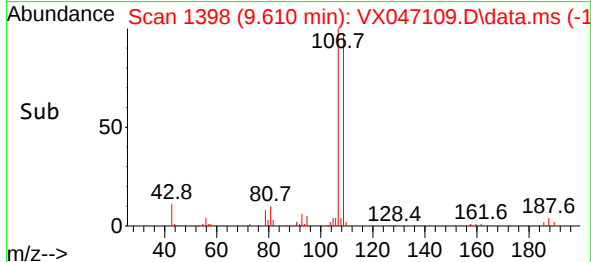
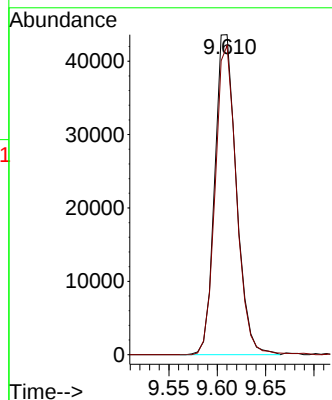
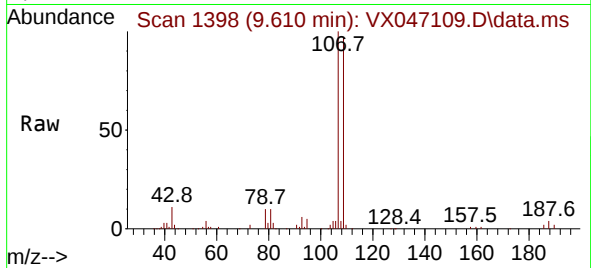
#61
1,2-Dibromoethane
Concen: 19.184 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion:107 Resp: 6762
Ion Ratio Lower Upper
107 100
109 95.5 74.6 112.0

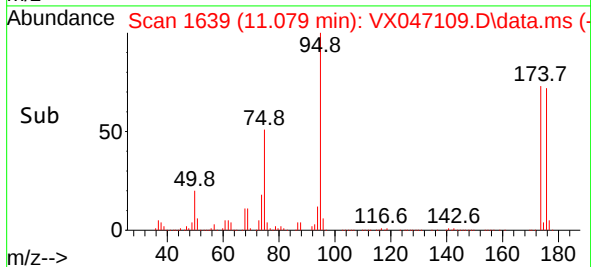
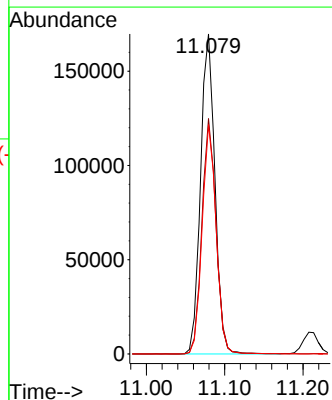
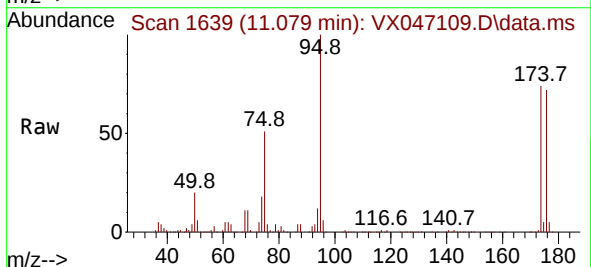
Manual Integrations
APPROVED

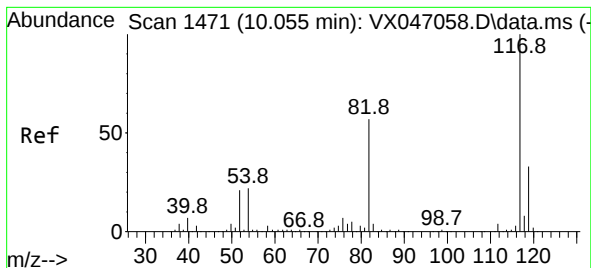
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#62
4-Bromofluorobenzene
Concen: 52.325 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

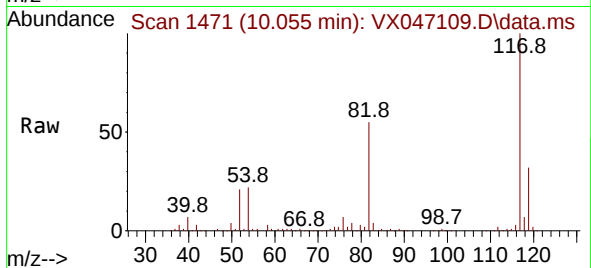
Tgt Ion: 95 Resp: 216405
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.6
176 69.8 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

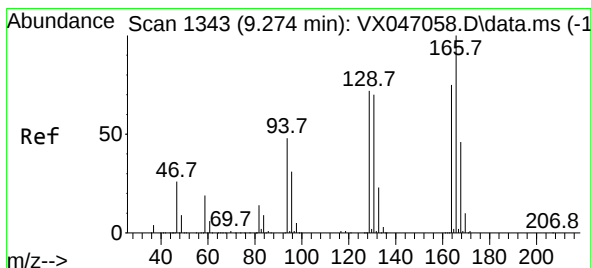
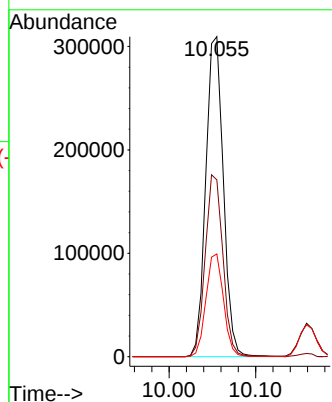
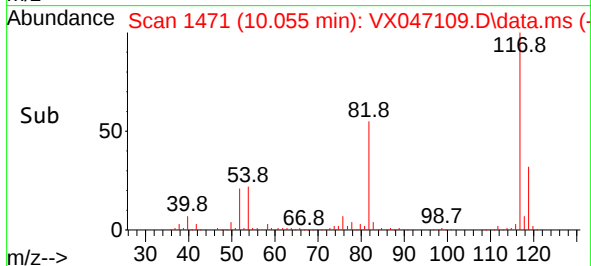
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion:117 Resp: 43699
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 32.1 26.1 39.1

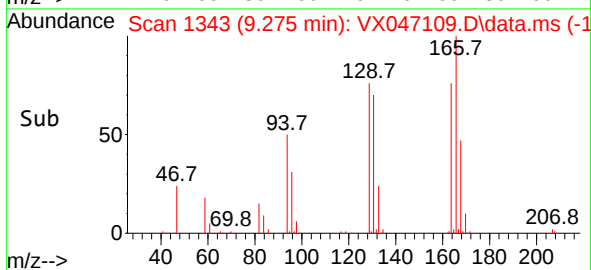
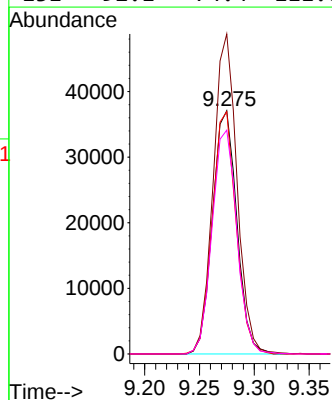
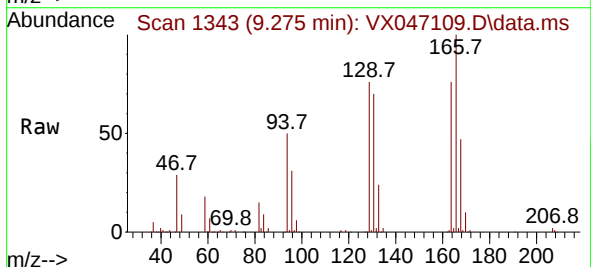
Manual Integrations
APPROVED

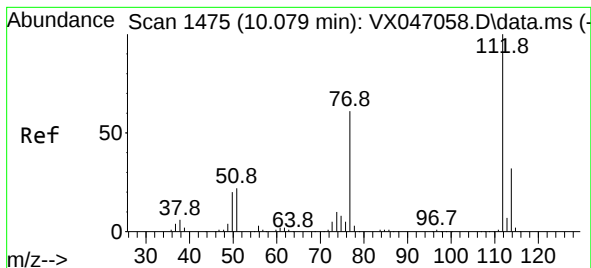
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#64
Tetrachloroethene
Concen: 18.225 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion:164 Resp: 57412
Ion Ratio Lower Upper
164 100
166 131.6 106.2 159.4
129 99.6 76.6 114.8
131 92.1 74.4 111.6





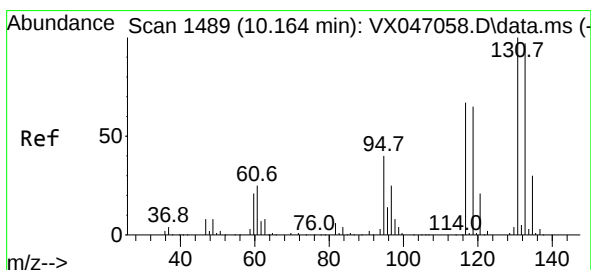
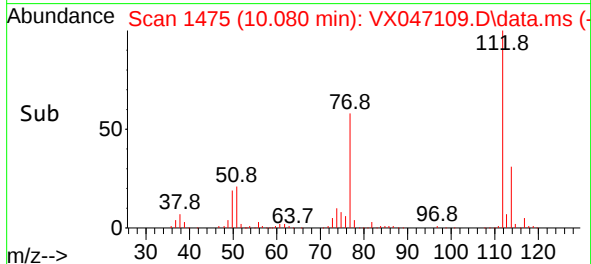
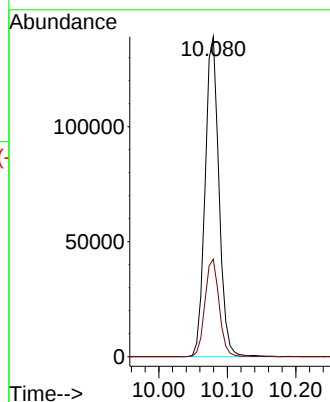
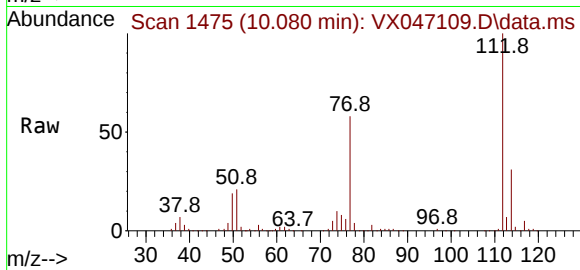
#65
Chlorobenzene
Concen: 19.167 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion:112 Resp: 19621
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6

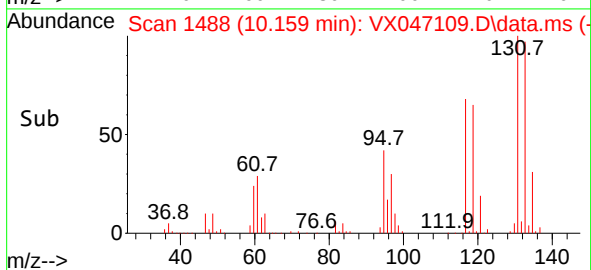
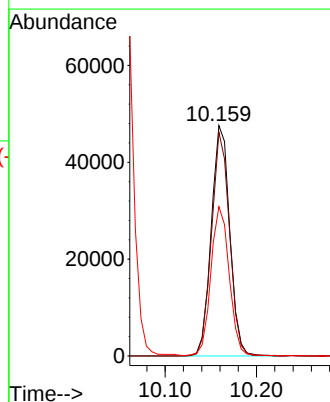
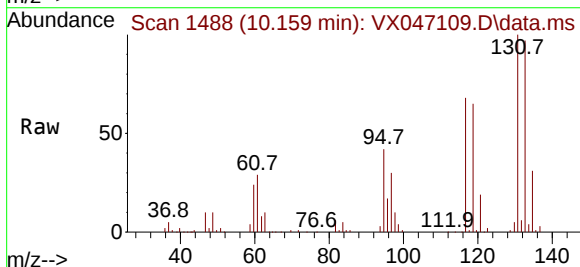
Manual Integrations
APPROVED

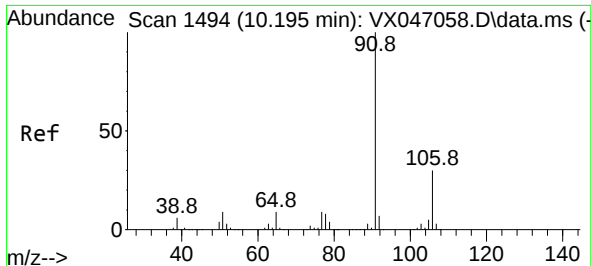
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.343 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion:131 Resp: 66670
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.3
119 64.4 32.4 97.0





#67

Ethyl Benzene

Concen: 18.915 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 91 Resp: 33857

Ion Ratio Lower Upper

91 100

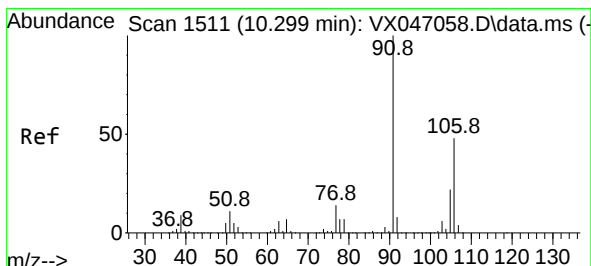
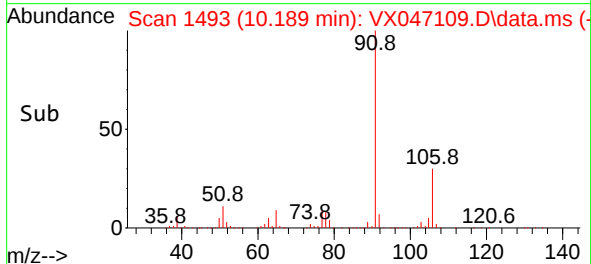
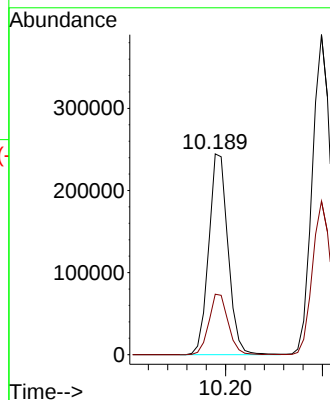
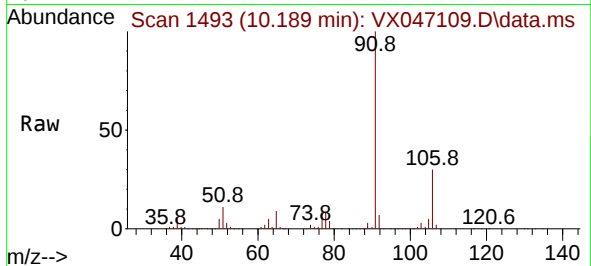
106 30.1 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#68

m/p-Xylenes

Concen: 37.828 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047109.D

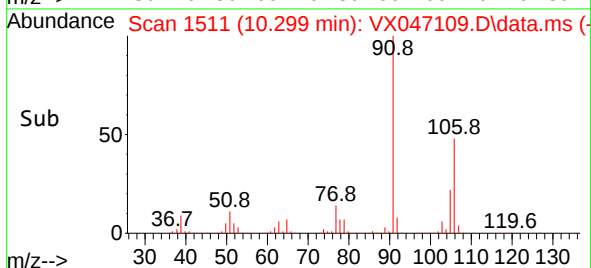
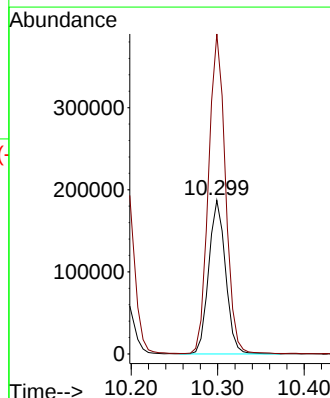
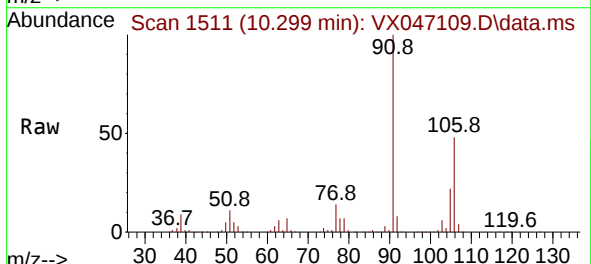
Acq: 24 Jul 2025 11:21

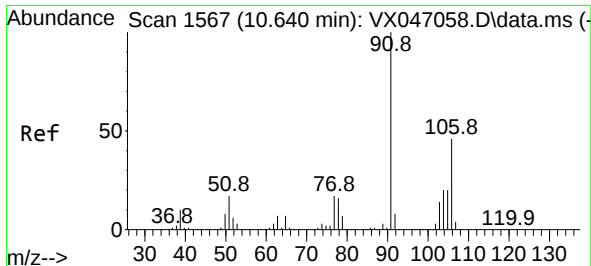
Tgt Ion:106 Resp: 253387

Ion Ratio Lower Upper

106 100

91 208.1 167.4 251.0





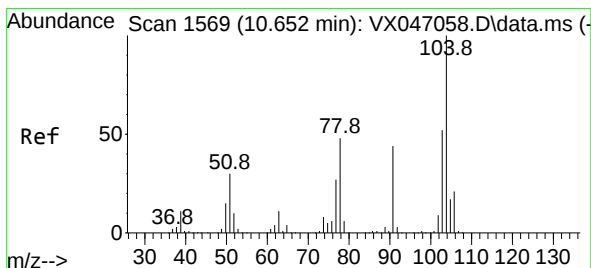
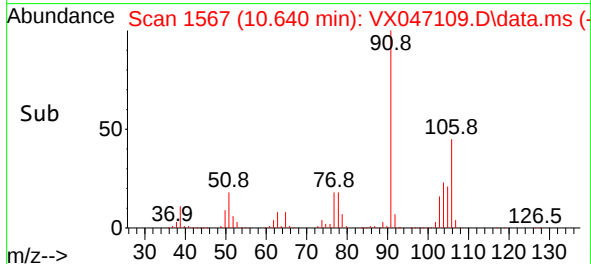
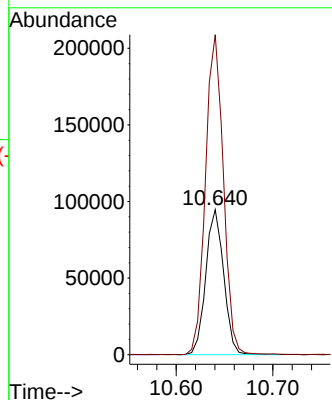
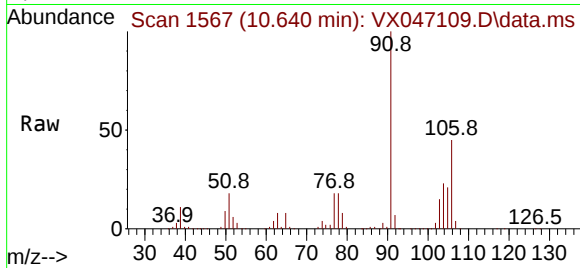
#69
o-Xylene
Concen: 19.147 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion:106 Resp: 12201
Ion Ratio Lower Upper
106 100
91 220.9 110.3 331.0

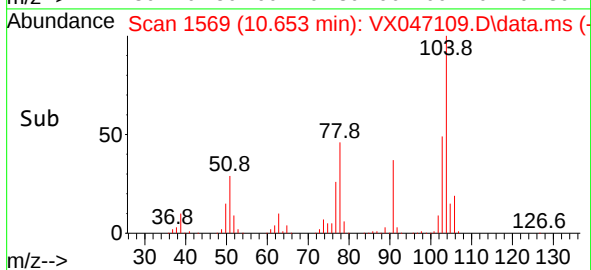
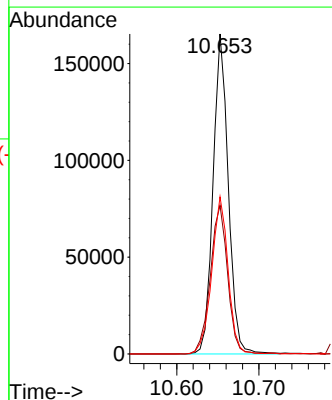
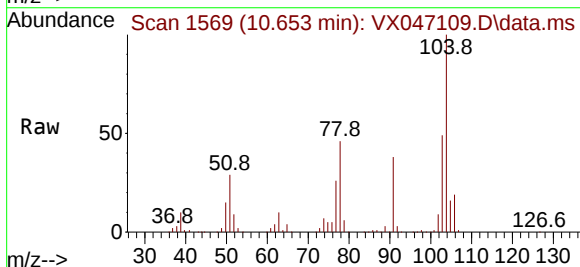
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#70
Styrene
Concen: 19.453 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

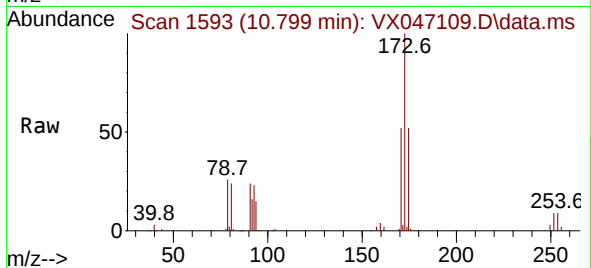
Tgt Ion:104 Resp: 212563
Ion Ratio Lower Upper
104 100
78 53.0 42.0 63.0
103 52.9 43.8 65.6





#71
Bromoform
Concen: 19.166 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

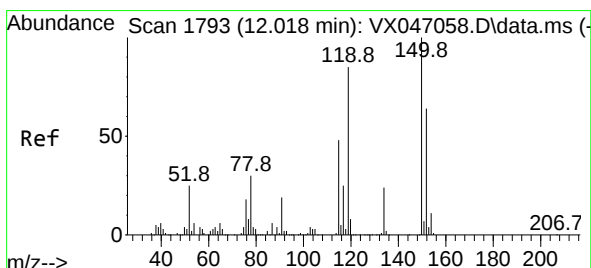
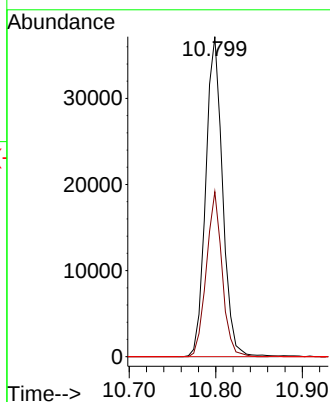
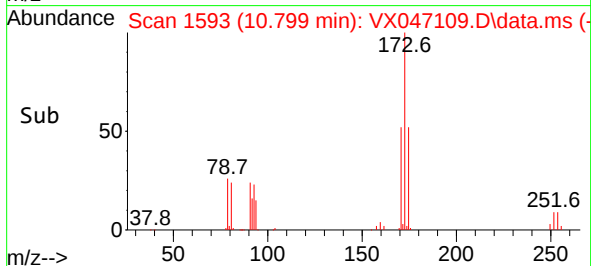
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



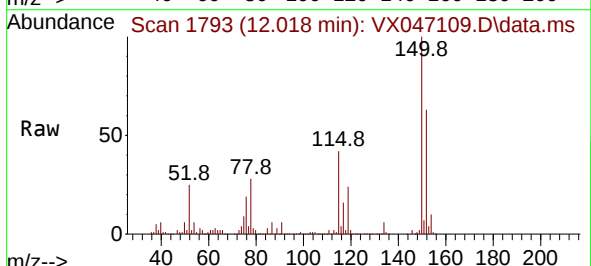
Tgt Ion:173 Resp: 50179
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

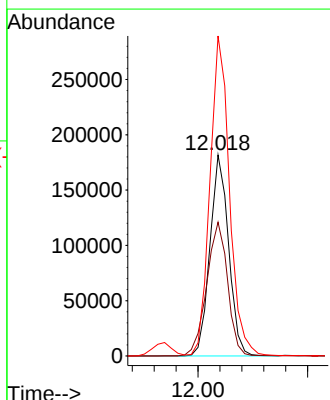
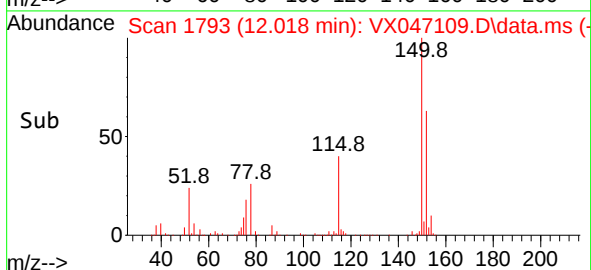
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

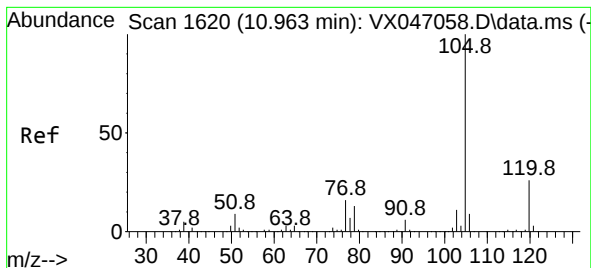


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21



Tgt Ion:152 Resp: 214847
Ion Ratio Lower Upper
152 100
115 74.7 45.6 136.7
150 167.0 0.0 354.6





#73

Isopropylbenzene

Concen: 19.058 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion:105 Resp: 32303

Ion Ratio Lower Upper

105 100

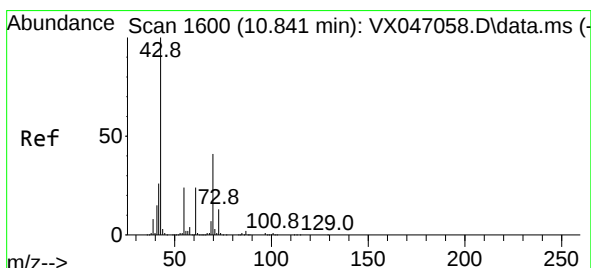
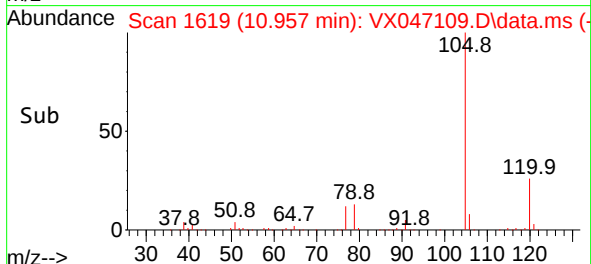
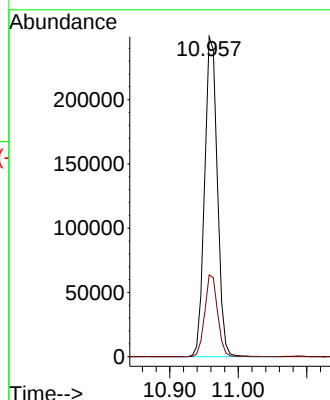
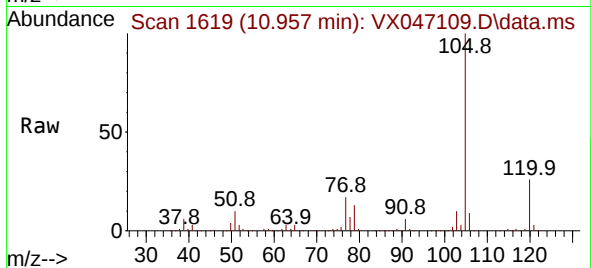
120 25.8 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#74

N-ethyl acetate

Concen: 18.669 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Tgt Ion: 43 Resp: 127677

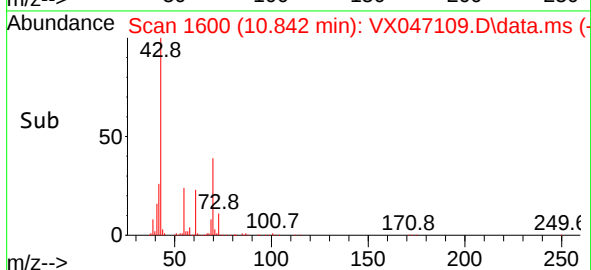
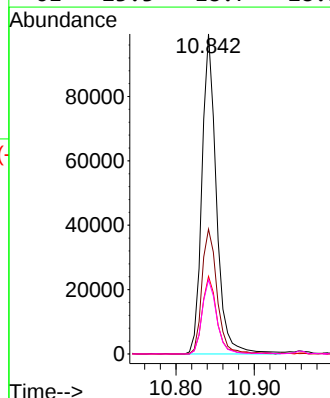
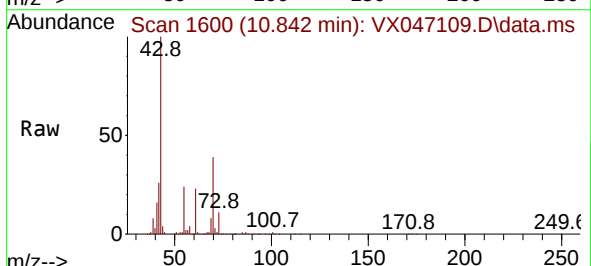
Ion Ratio Lower Upper

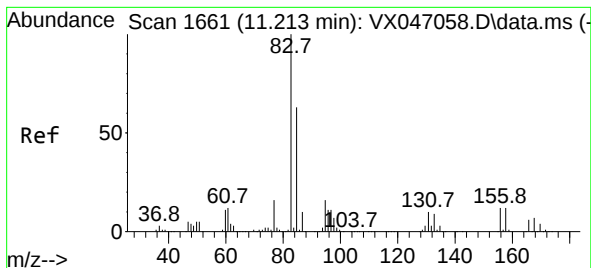
43 100

70 40.8 32.3 48.5

55 24.5 18.9 28.3

61 23.3 18.7 28.1





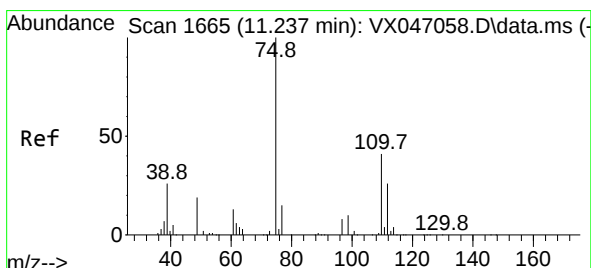
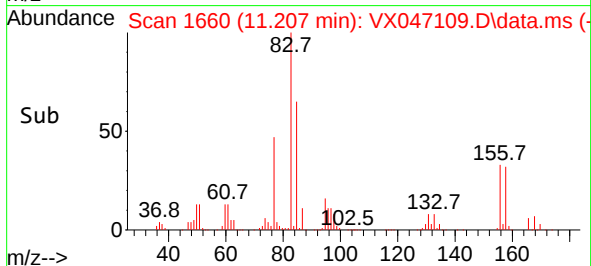
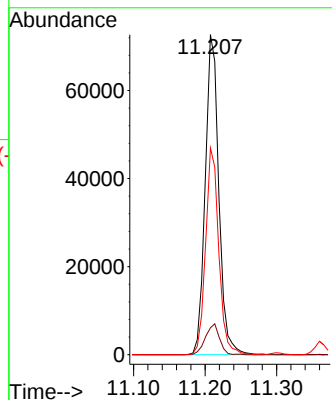
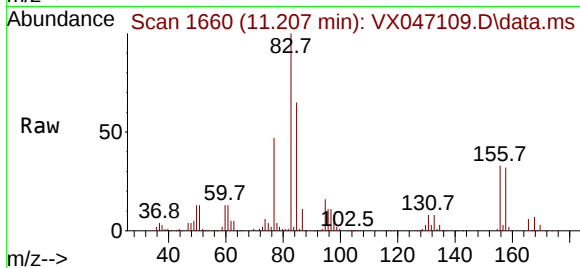
#75
1,1,2,2-Tetrachloroethane
Concen: 19.821 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 83 Resp: 9596
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 62.6 32.0 96.2

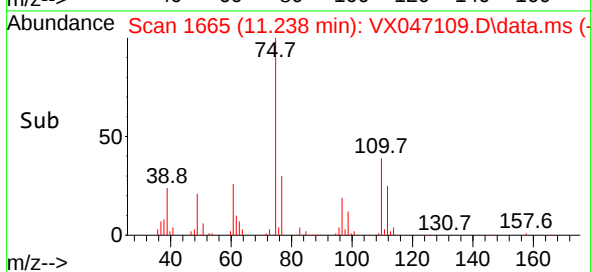
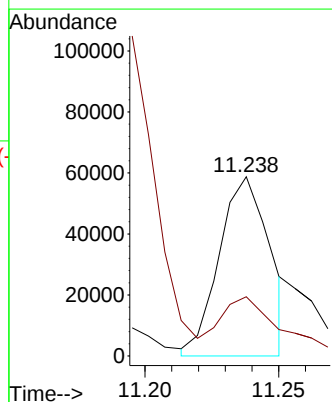
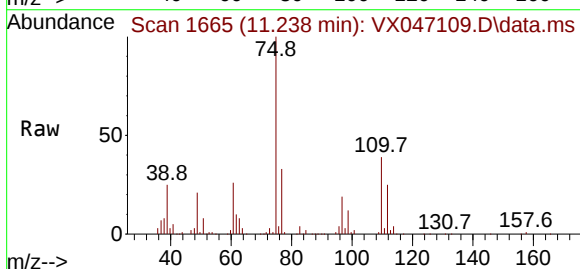
Manual Integrations
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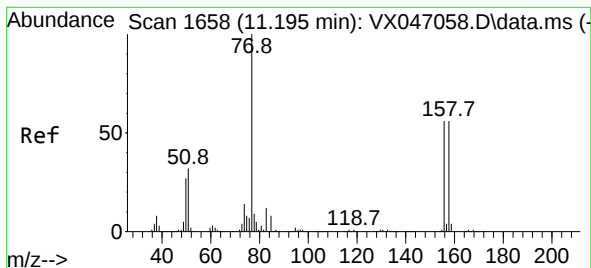
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#76
1,2,3-Trichloropropane
Concen: 19.371 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Tgt Ion: 75 Resp: 77034
Ion Ratio Lower Upper
75 100
77 40.9 21.6 65.0





#77

Bromobenzene

Concen: 19.137 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

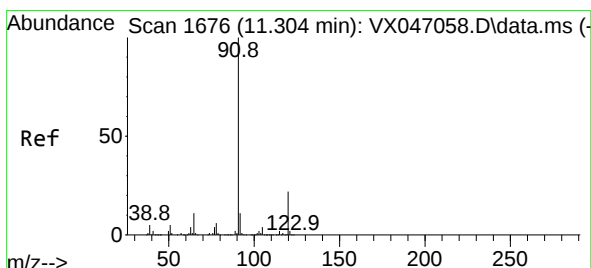
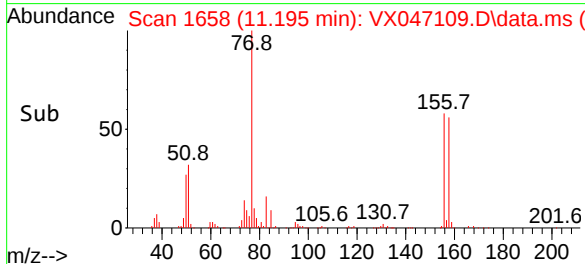
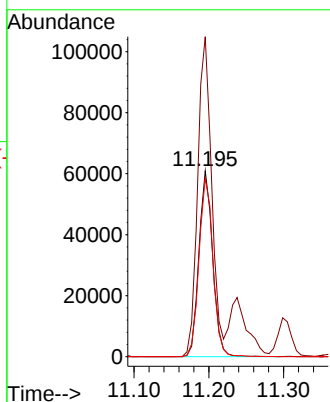
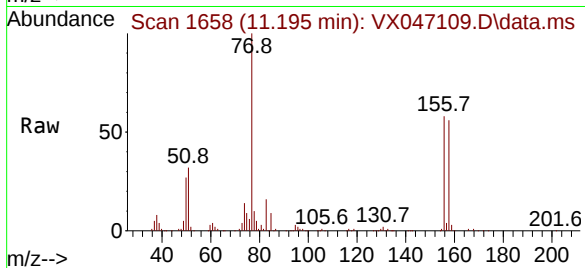
Tgt Ion:156 Resp: 7780
 Ion Ratio Lower Upper
 156 100
 77 175.2 87.3 261.9
 158 97.6 48.9 146.6

Manual Integrations

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Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#78

n-propylbenzene

Concen: 19.080 ug/l

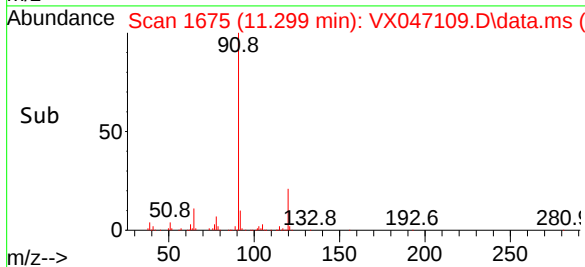
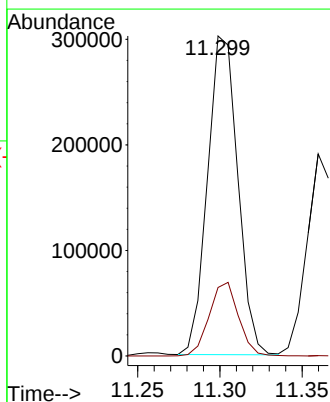
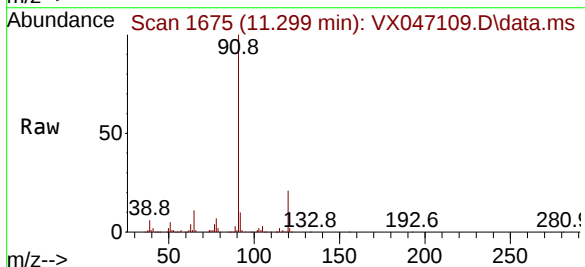
RT: 11.299 min Scan# 1675

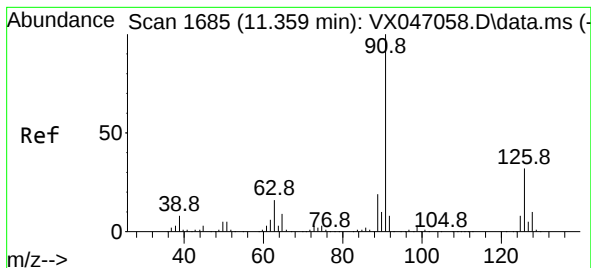
Delta R.T. -0.006 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Tgt Ion: 91 Resp: 386467
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.0 33.0





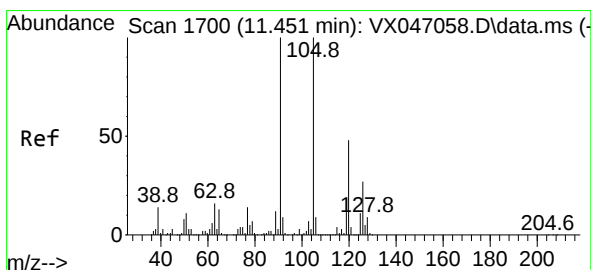
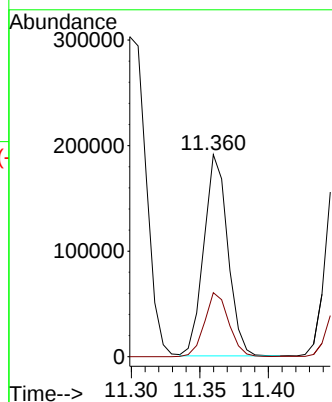
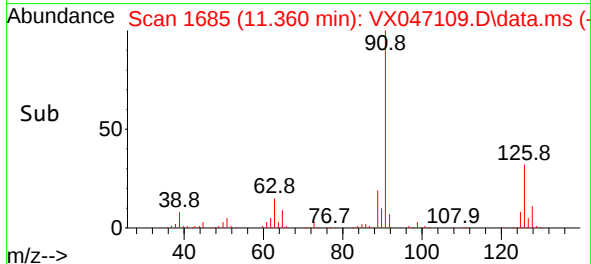
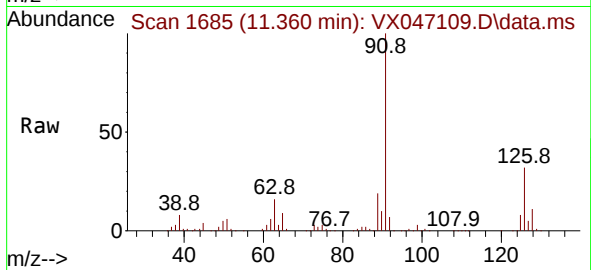
#79
2-Chlorotoluene
Concen: 19.197 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 91 Resp: 23243
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4

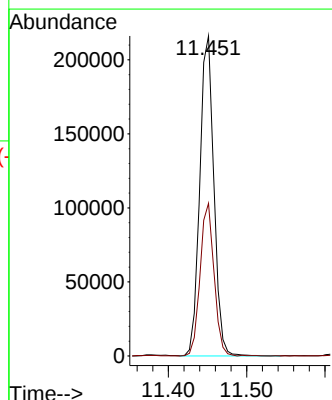
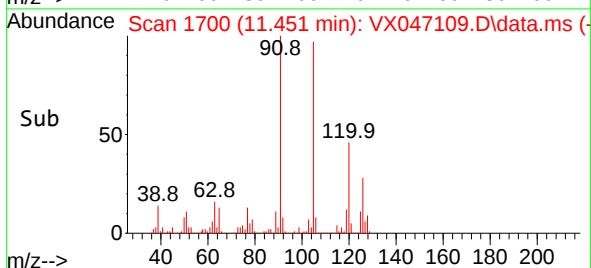
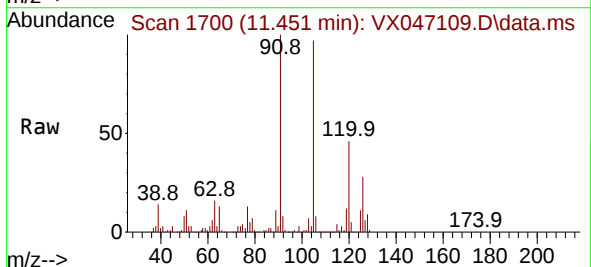
Manual Integrations
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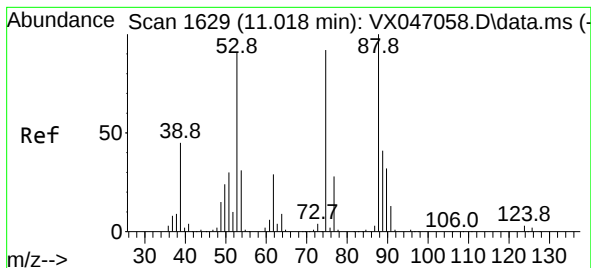
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.352 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

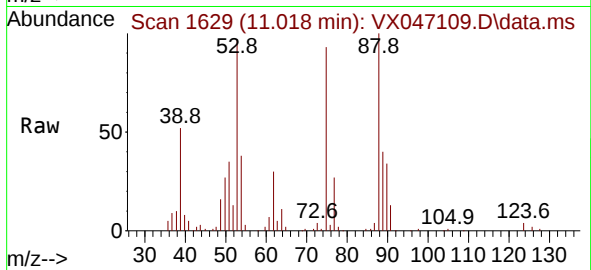
Tgt Ion:105 Resp: 270986
Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 13.264 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

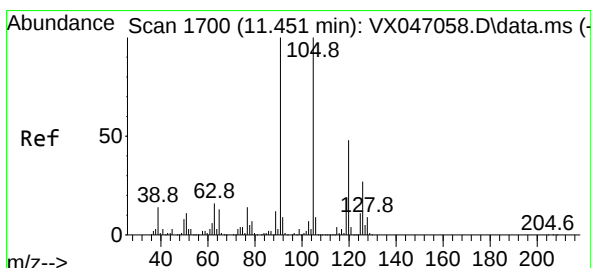
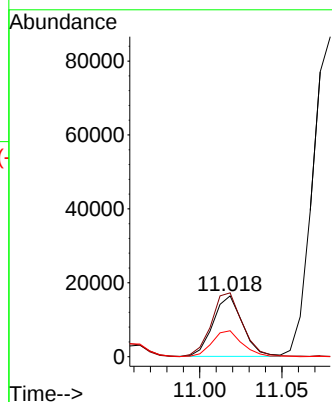
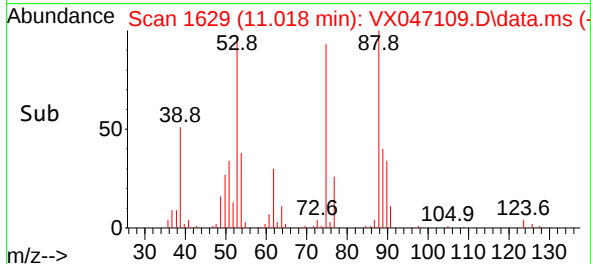
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 75 Resp: 2047
Ion Ratio Lower Upper
75 100
53 111.4 84.2 126.4
89 44.5 36.0 54.0

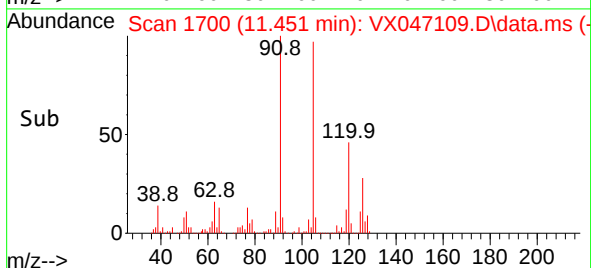
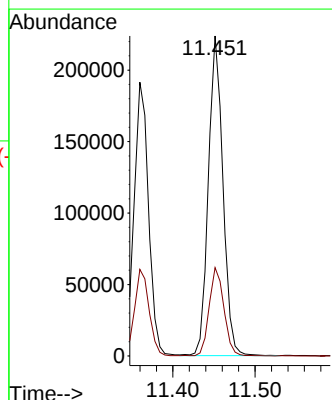
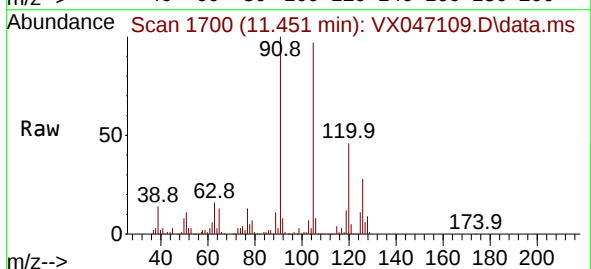
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#82
4-Chlorotoluene
Concen: 19.467 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

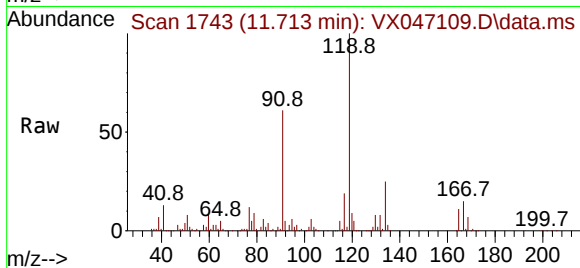
Tgt Ion: 91 Resp: 275121
Ion Ratio Lower Upper
91 100
126 28.0 14.1 42.3





#83
tert-Butylbenzene
Concen: 19.059 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

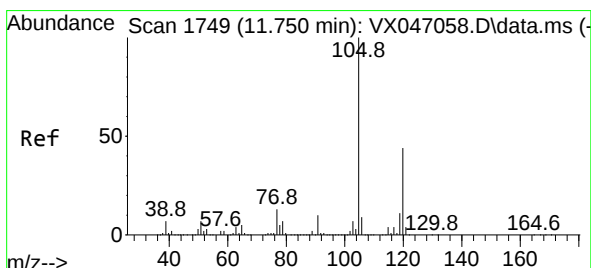
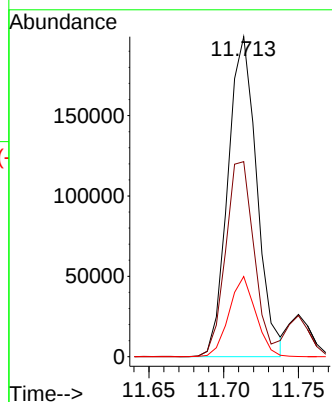
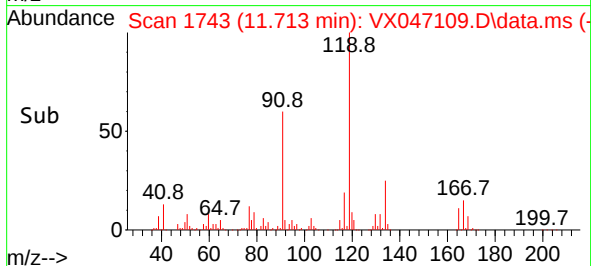
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



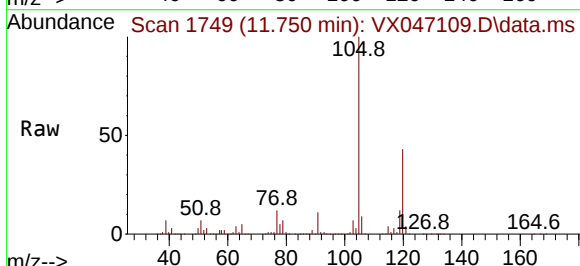
Tgt Ion:119 Resp: 26788
Ion Ratio Lower Upper
119 100
91 59.7 29.6 88.8
134 23.2 11.4 34.1

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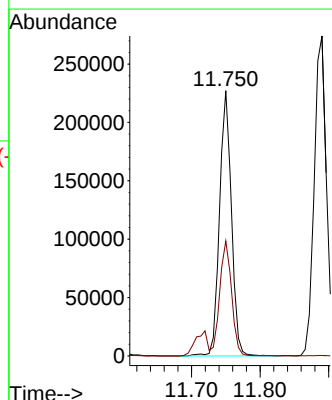
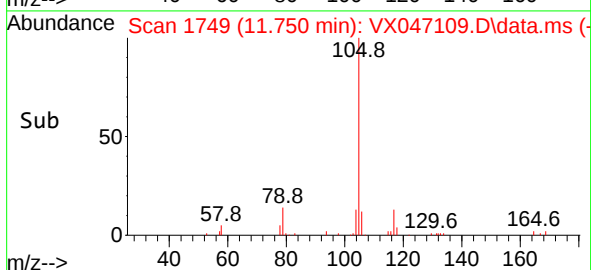
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

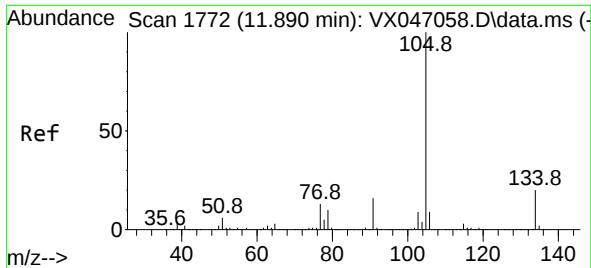


#84
1,2,4-Trimethylbenzene
Concen: 19.555 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21



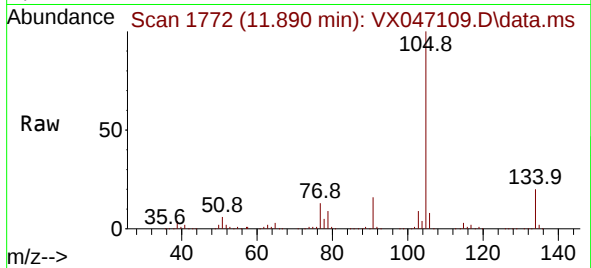
Tgt Ion:105 Resp: 273133
Ion Ratio Lower Upper
105 100
120 43.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.215 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047109.D
 Acq: 24 Jul 2025 11:21

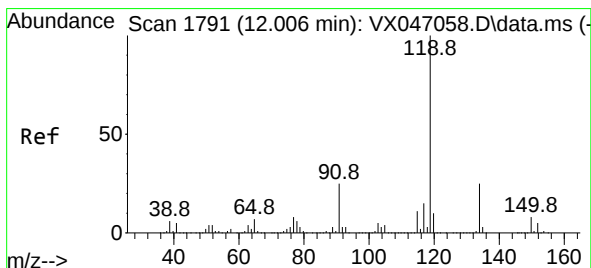
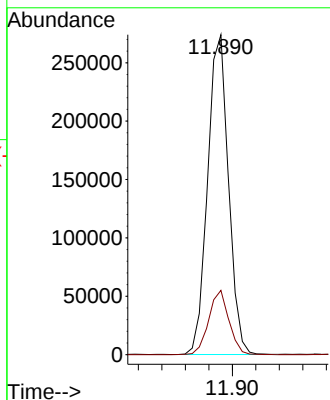
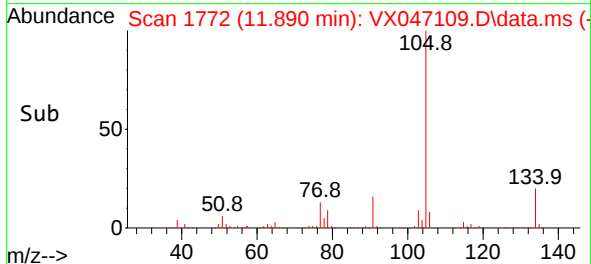
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01



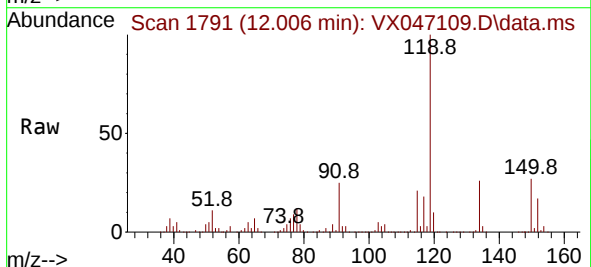
Tgt Ion:105 Resp: 33743
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7

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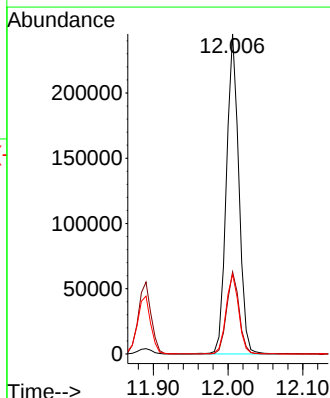
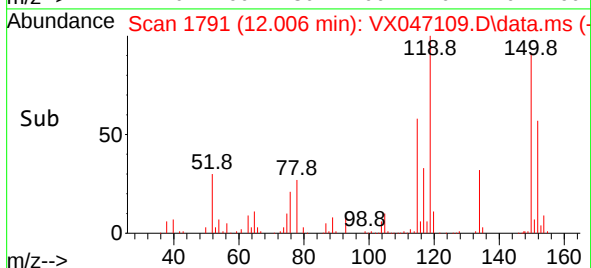
Reviewed By :John Carlone 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025



#86
 p-Isopropyltoluene
 Concen: 19.502 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047109.D
 Acq: 24 Jul 2025 11:21



Tgt Ion:119 Resp: 284005
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 25.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.185 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion:146 Resp: 14820

Ion Ratio Lower Upper

146 100

111 42.5 21.0 63.0

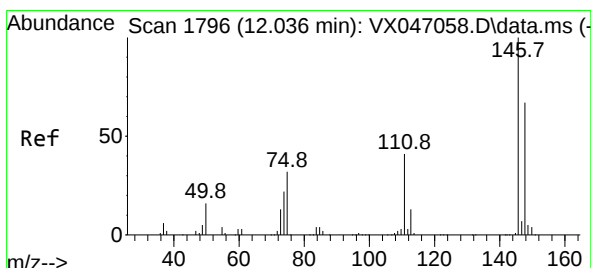
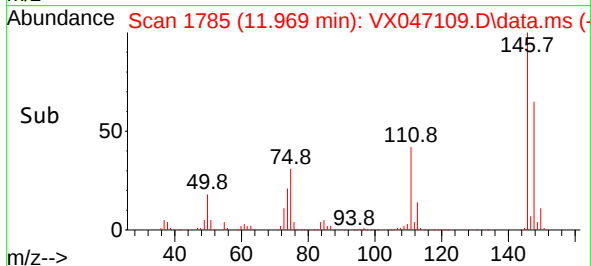
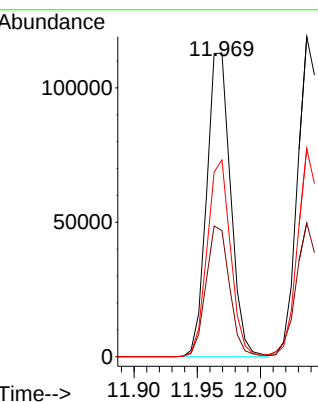
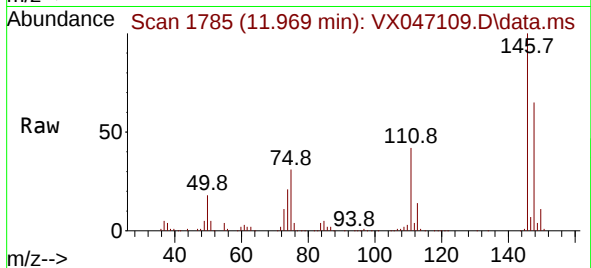
148 63.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#88

1,4-Dichlorobenzene

Concen: 19.202 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

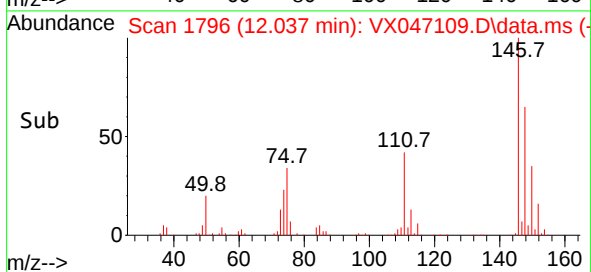
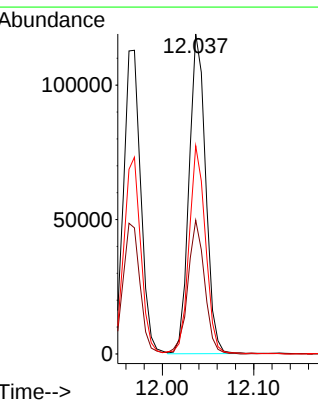
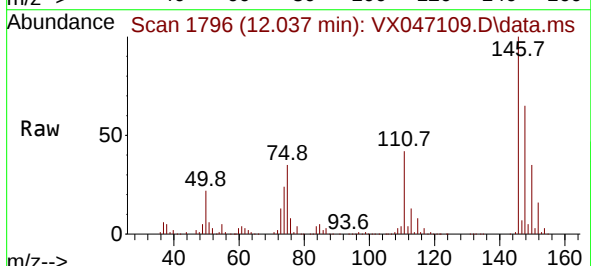
Tgt Ion:146 Resp: 150281

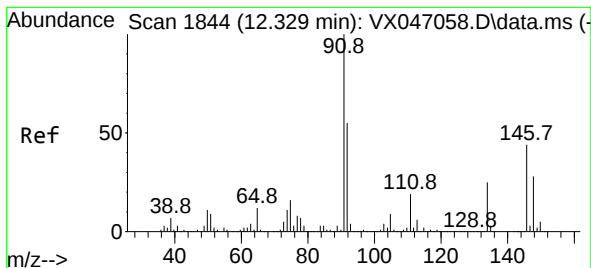
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.9

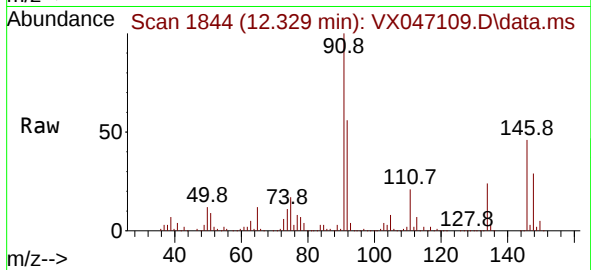
148 64.5 33.0 98.9





#89
n-Butylbenzene
Concen: 19.246 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

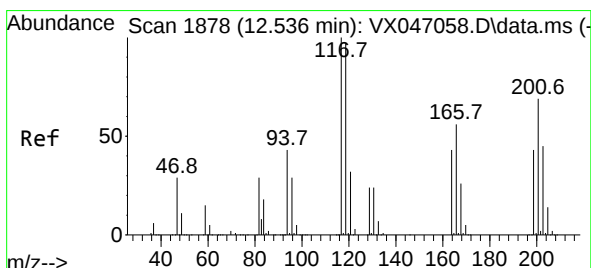
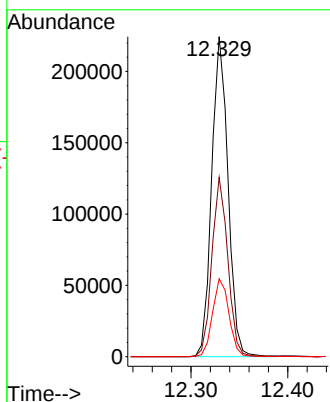
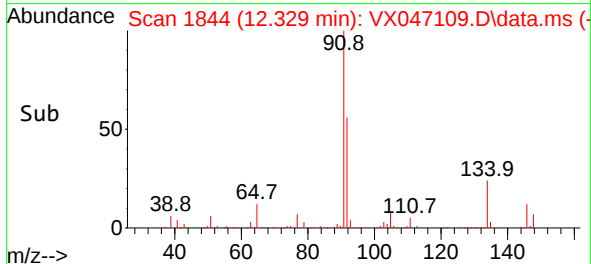
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 91 Resp: 262844
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.5
134 24.6 12.8 38.3

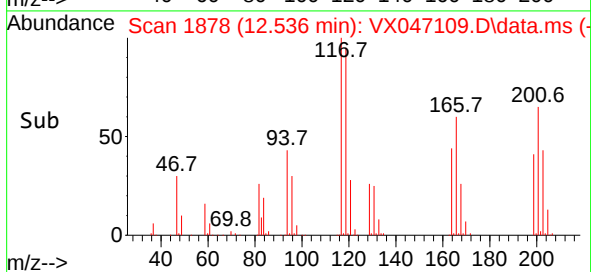
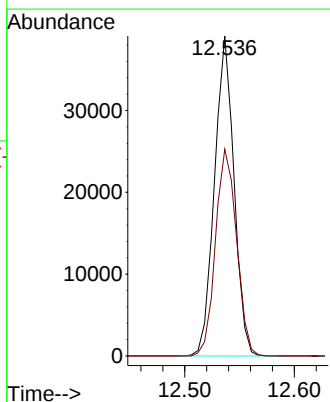
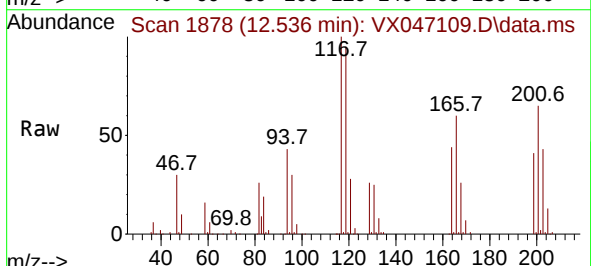
Manual Integrations
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Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#90
Hexachloroethane
Concen: 18.585 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

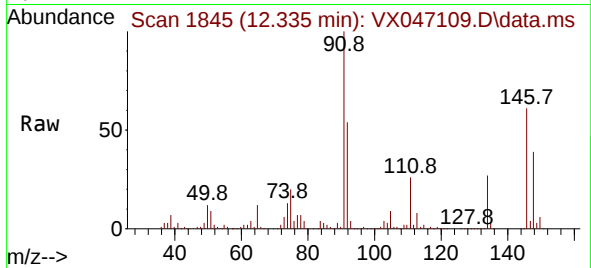
Tgt Ion:117 Resp: 48419
Ion Ratio Lower Upper
117 100
201 69.7 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 19.221 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21

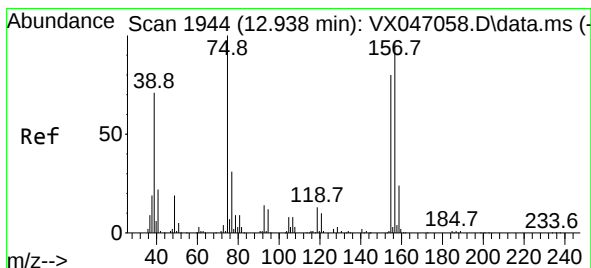
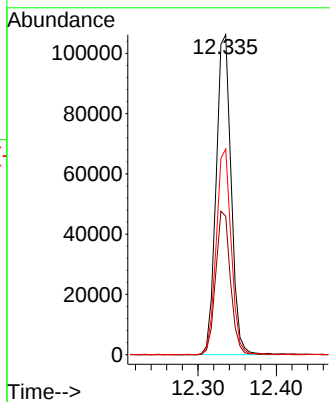
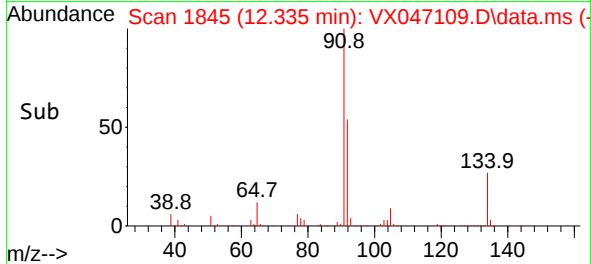
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



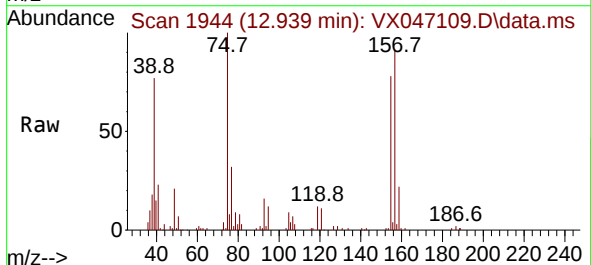
Tgt Ion:146 Resp: 141908
Ion Ratio Lower Upper
146 100
111 44.2 21.6 64.6
148 64.1 31.9 95.7

Manual Integrations
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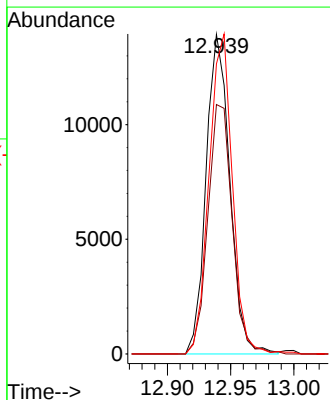
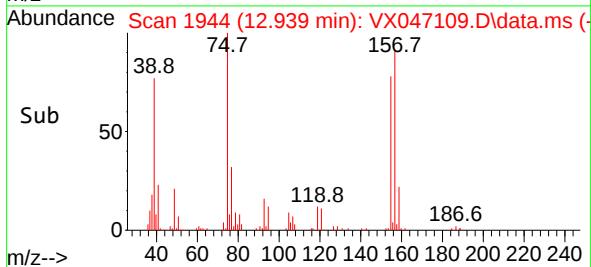
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

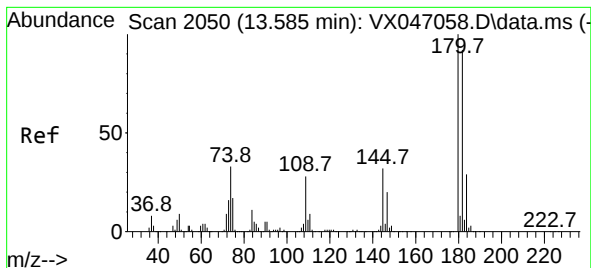


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.627 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047109.D
Acq: 24 Jul 2025 11:21



Tgt Ion: 75 Resp: 18241
Ion Ratio Lower Upper
75 100
155 79.9 41.3 124.1
157 98.2 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 19.233 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

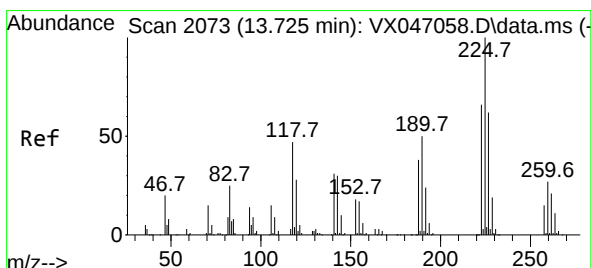
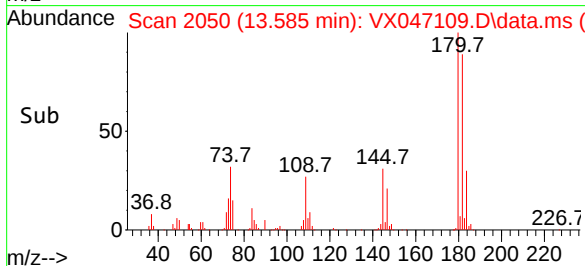
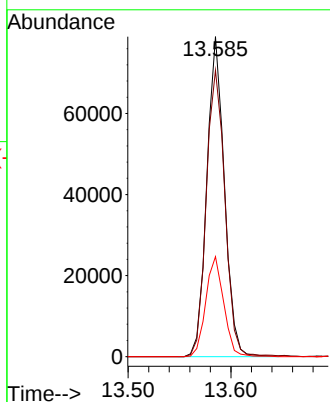
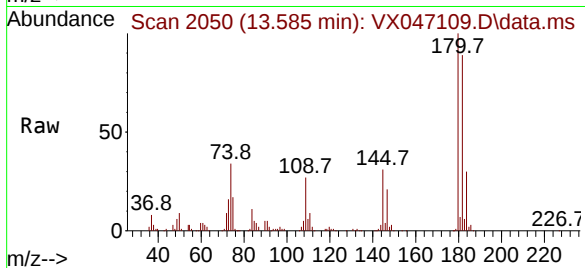
Tgt Ion:180	Resp:	93810
Ion Ratio	Lower	Upper
180	100	
182	95.0	47.3 141.8
145	32.0	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#94

Hexachlorobutadiene

Concen: 20.693 ug/l

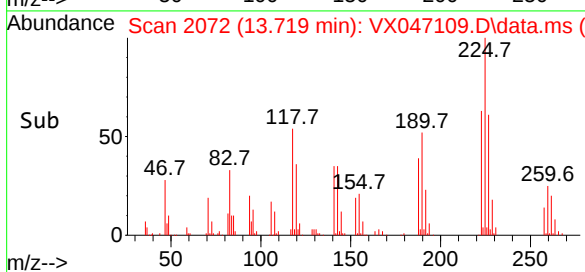
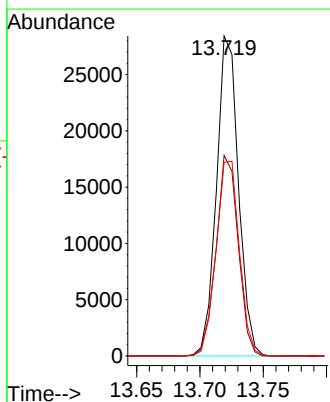
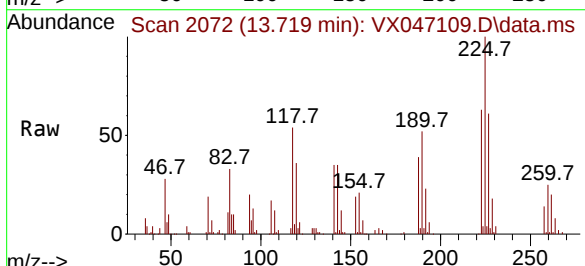
RT: 13.719 min Scan# 2072

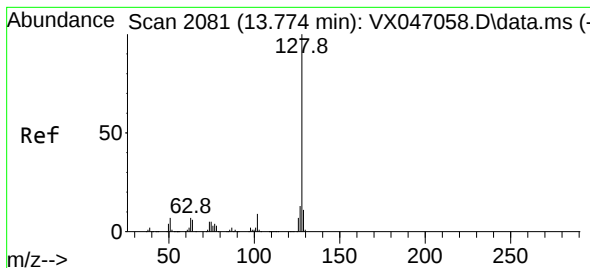
Delta R.T. -0.006 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Tgt Ion:225	Resp:	34328
Ion Ratio	Lower	Upper
225	100	
223	63.1	31.6 95.0
227	64.5	32.9 98.6





#95

Naphthalene

Concen: 19.547 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047109.D

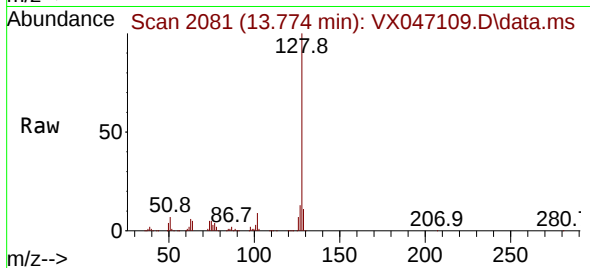
Acq: 24 Jul 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01



Tgt Ion:128 Resp: 279530

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

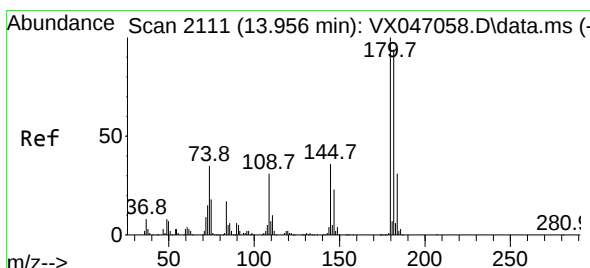
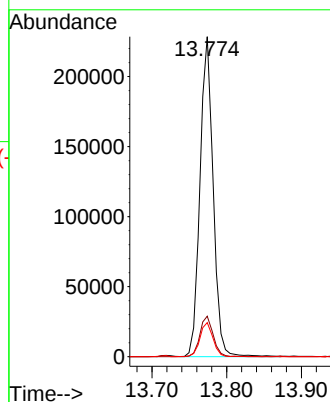
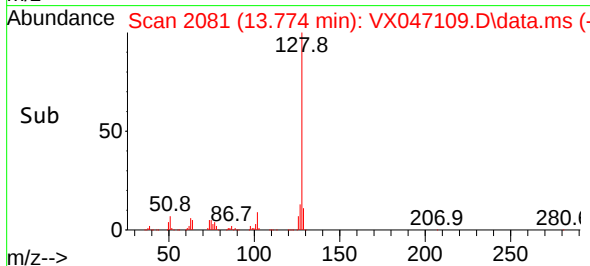
129 10.6 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.545 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047109.D

Acq: 24 Jul 2025 11:21

Tgt Ion:180 Resp: 87150

Ion Ratio Lower Upper

180 100

182 99.3 46.9 140.6

145 35.4 17.3 52.0

