

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047694.D
 Acq On : 22 Sep 2025 11:42
 Operator : JC/MD
 Sample : VX0922WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 01:30:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	166680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	297578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	263948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	140900	53.107	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.220%			
35) Dibromofluoromethane	5.373	113	109308	54.771	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.540%			
50) Toluene-d8	8.634	98	374743	54.267	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.540%			
62) 4-Bromofluorobenzene	11.061	95	143588	54.788	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.178	85	42598	24.680	ug/l	99
3) Chloromethane	1.300	50	52254	23.035	ug/l	95
4) Vinyl Chloride	1.386	62	49300	22.202	ug/l	99
5) Bromomethane	1.624	94	34309	24.366	ug/l	87
6) Chloroethane	1.697	64	32752	22.068	ug/l	97
7) Trichlorofluoromethane	1.898	101	72082	21.862	ug/l	99
8) Diethyl Ether	2.136	74	28842	21.385	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	43091	22.351	ug/l	98
10) Methyl Iodide	2.459	142	60699	20.188	ug/l	98
11) Tert butyl alcohol	2.940	59	25999	87.987	ug/l	100
12) 1,1-Dichloroethene	2.325	96	43100	21.764	ug/l	98
13) Acrolein	2.239	56	31221	114.658	ug/l	98
14) Allyl chloride	2.666	41	83632	20.466	ug/l	98
15) Acrylonitrile	3.062	53	117948	107.764	ug/l	99
16) Acetone	2.373	43	100532	87.147	ug/l	97
17) Carbon Disulfide	2.520	76	121590	22.428	ug/l	98
18) Methyl Acetate	2.703	43	52981	20.637	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	152758	21.131	ug/l	99
20) Methylene Chloride	2.788	84	53479	21.901	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	45920	21.538	ug/l	96
22) Diisopropyl ether	3.757	45	172409	21.770	ug/l	99
23) Vinyl Acetate	3.715	43	679603	107.218	ug/l	100
24) 1,1-Dichloroethane	3.611	63	89295	21.213	ug/l	98
25) 2-Butanone	4.544	43	142310	98.898	ug/l	98
26) 2,2-Dichloropropane	4.471	77	71090	20.317	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	56331	21.574	ug/l	99
28) Bromochloromethane	4.891	49	41649	22.664	ug/l	98
29) Tetrahydrofuran	4.995	42	89513	103.406	ug/l	98
30) Chloroform	5.086	83	91602	21.535	ug/l	99
31) Cyclohexane	5.464	56	76935	21.945	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	77558	21.496	ug/l	100
36) 1,1-Dichloropropene	5.690	75	60746	20.830	ug/l	99
37) Ethyl Acetate	4.702	43	67197	21.521	ug/l	97
38) Carbon Tetrachloride	5.672	117	64898	20.482	ug/l	89
39) Methylcyclohexane	7.366	83	72414	21.875	ug/l	99
40) Benzene	6.025	78	191052	21.570	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	33934	21.051	ug/l	98
42) 1,2-Dichloroethane	6.074	62	72535	21.523	ug/l	99
43) Isopropyl Acetate	6.324	43	105438	20.589	ug/l	100
44) Trichloroethene	7.116	130	46569	21.747	ug/l	86
45) 1,2-Dichloropropane	7.415	63	49167	21.678	ug/l	98
46) Dibromomethane	7.568	93	35145	21.294	ug/l	97
47) Bromodichloromethane	7.811	83	73156	21.480	ug/l	99
48) Methyl methacrylate	7.677	41	52272	20.492	ug/l	99
49) 1,4-Dioxane	7.653	88	11868	460.378	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	304585	107.275	ug/l	100
52) Toluene	8.702	92	117596	21.550	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	73459	21.146	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	78923	21.255	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	45968	21.846	ug/l	98
56) Ethyl methacrylate	9.104	69	70844	21.438	ug/l	98
57) 1,3-Dichloropropane	9.293	76	80370	22.235	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	143744	98.172	ug/l	99
59) 2-Hexanone	9.415	43	207060	101.540	ug/l	98
60) Dibromochloromethane	9.506	129	52972	21.849	ug/l	99
61) 1,2-Dibromoethane	9.598	107	47318	22.078	ug/l	98
64) Tetrachloroethene	9.256	164	37422	21.749	ug/l	98
65) Chlorobenzene	10.061	112	130843	21.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	44269	21.394	ug/l	99
67) Ethyl Benzene	10.177	91	221219	21.381	ug/l	100
68) m/p-Xylenes	10.287	106	169317	43.967	ug/l	98
69) o-Xylene	10.628	106	80609	21.641	ug/l	100
70) Styrene	10.640	104	142264	21.798	ug/l	99
71) Bromoform	10.787	173	33361	21.592	ug/l #	99
73) Isopropylbenzene	10.945	105	208549	20.974	ug/l	100
74) N-amyl acetate	10.829	43	91306	20.137	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	63562	21.129	ug/l	99
76) 1,2,3-Trichloropropane	11.225	75	49574m	18.721	ug/l	
77) Bromobenzene	11.183	156	51717	21.118	ug/l	98
78) n-propylbenzene	11.286	91	248883	21.174	ug/l	100
79) 2-Chlorotoluene	11.347	91	149980	20.833	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	172378	21.101	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	19541	18.819	ug/l	96
82) 4-Chlorotoluene	11.439	91	178218	20.961	ug/l	99
83) tert-Butylbenzene	11.695	119	170680	20.410	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	175067	21.138	ug/l	100
85) sec-Butylbenzene	11.872	105	211308	21.273	ug/l	99
86) p-Isopropyltoluene	11.994	119	177322	21.086	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	96065	21.119	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	96866	20.749	ug/l	98
89) n-Butylbenzene	12.317	91	164659	21.161	ug/l	99
90) Hexachloroethane	12.518	117	30871	20.909	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	91612	21.140	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	12203	20.036	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	57443	20.396	ug/l	99
94) Hexachlorobutadiene	13.707	225	19937	20.840	ug/l	98
95) Naphthalene	13.756	128	166320	19.393	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	53313	20.349	ug/l	98

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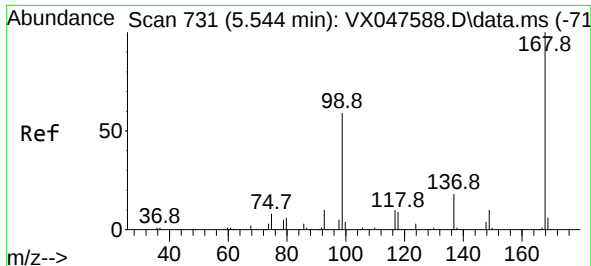
Manual Integrations
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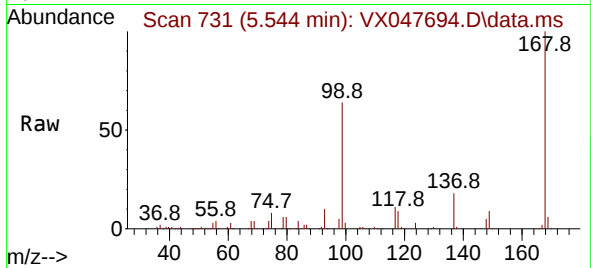
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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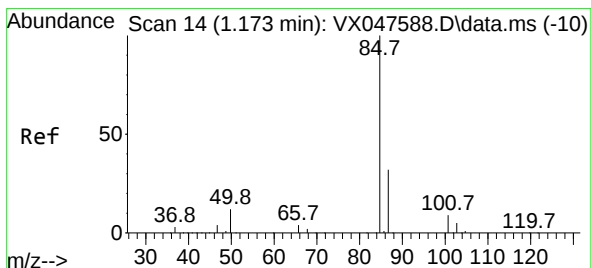
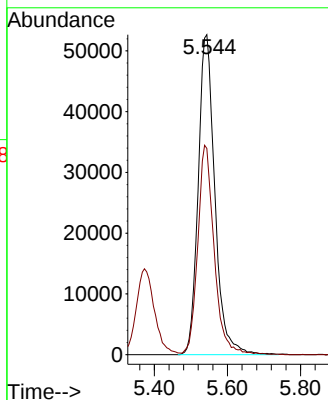
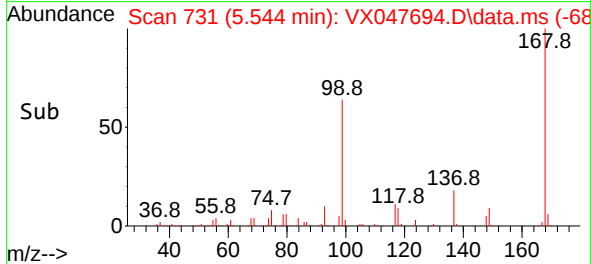
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion:168 Resp: 166680
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2

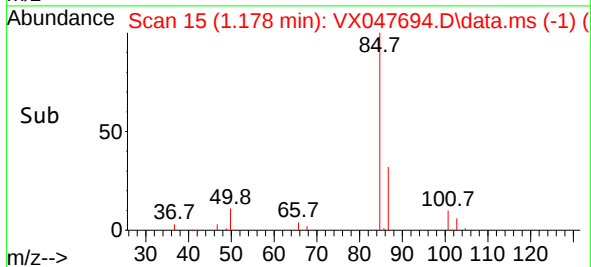
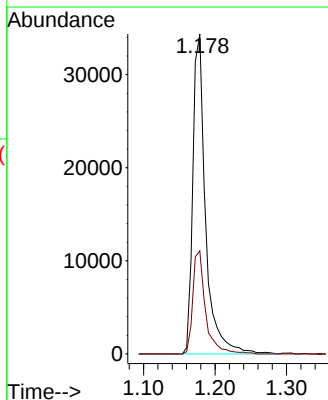
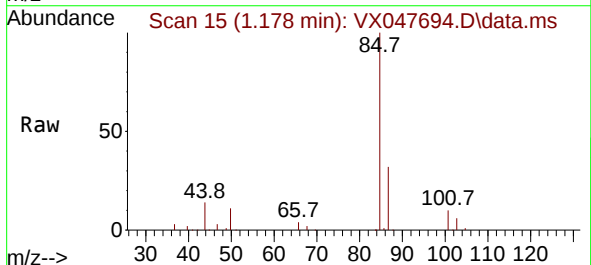
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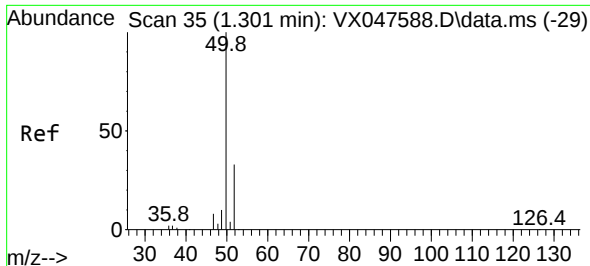
Reviewed By :John Carlone 09/23/2025
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#2
Dichlorodifluoromethane
Concen: 24.680 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

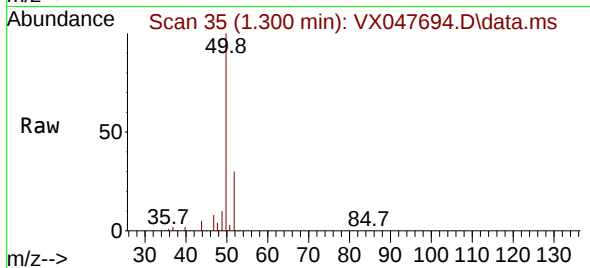
Tgt Ion: 85 Resp: 42598
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.3





#3
Chloromethane
Concen: 23.035 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

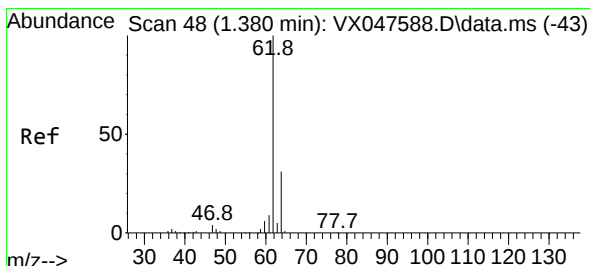
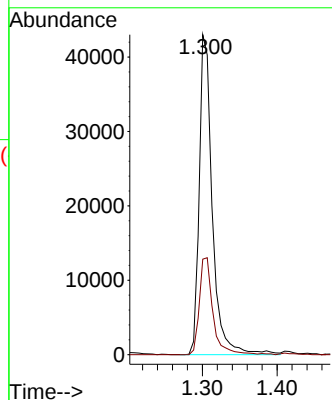
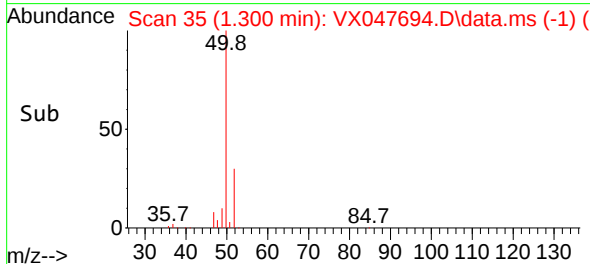
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 52254
Ion Ratio Lower Upper
50 100
52 29.9 26.1 39.1

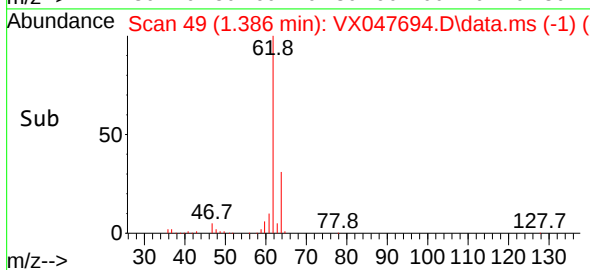
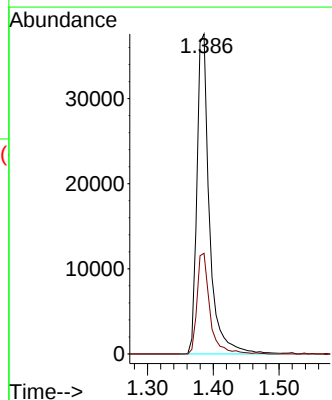
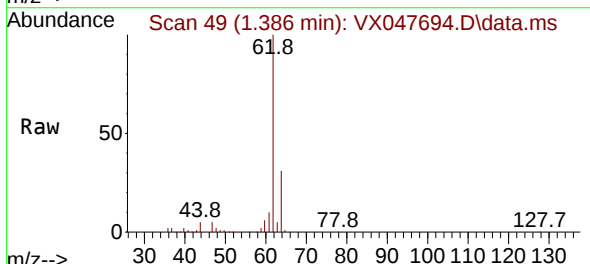
Manual Integrations
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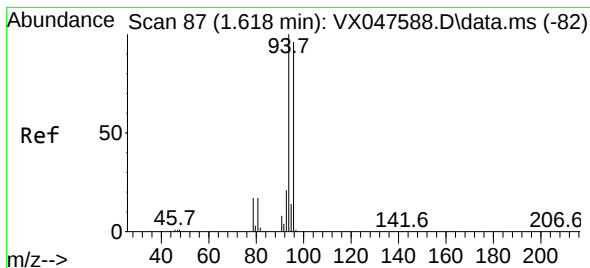
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#4
Vinyl Chloride
Concen: 22.202 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion: 62 Resp: 49300
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3





#5

Bromomethane

Concen: 24.366 ug/l

RT: 1.624 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBSD01

Tgt Ion: 94 Resp: 34309

Ion Ratio Lower Upper

94 100

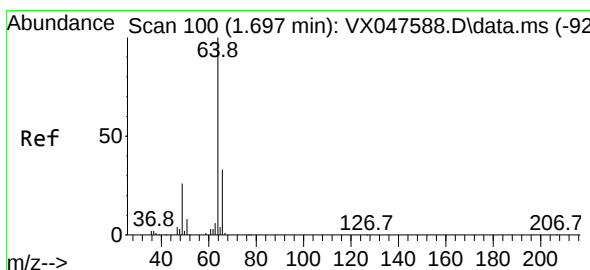
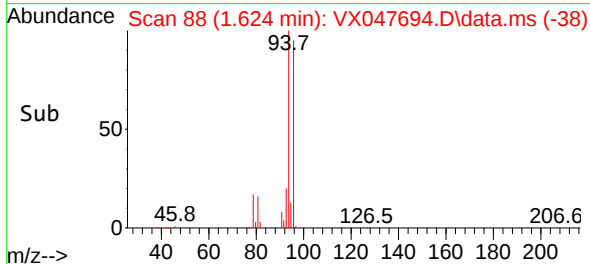
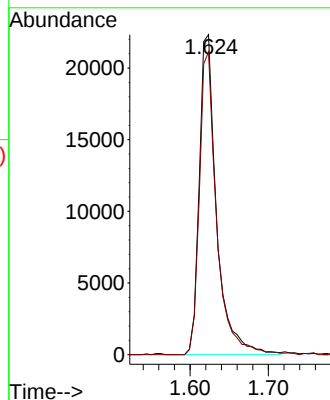
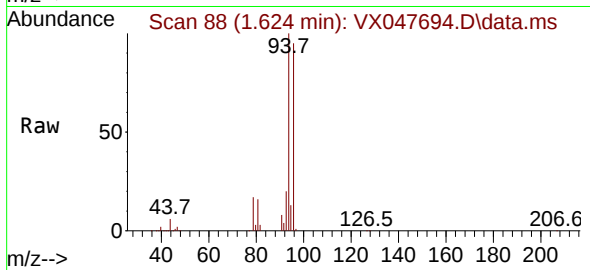
96 83.4 76.6 115.0

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#6

Chloroethane

Concen: 22.068 ug/l

RT: 1.697 min Scan# 100

Delta R.T. -0.000 min

Lab File: VX047694.D

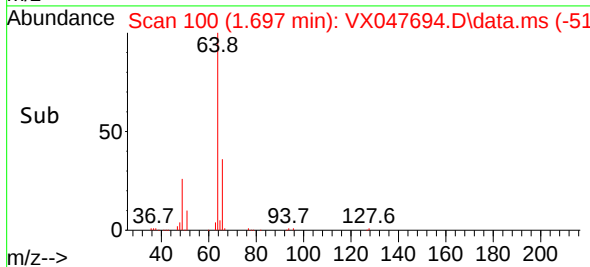
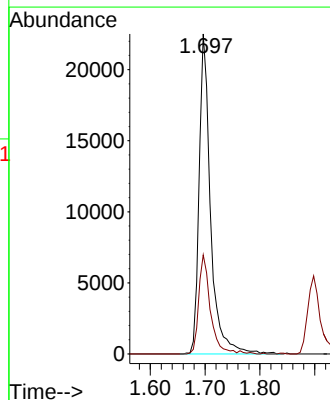
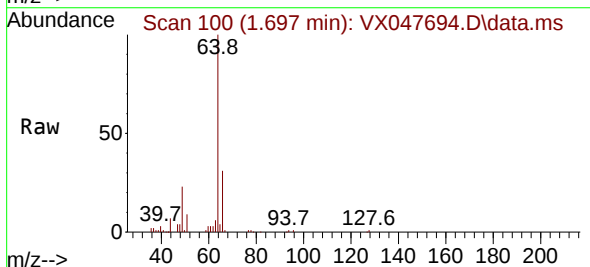
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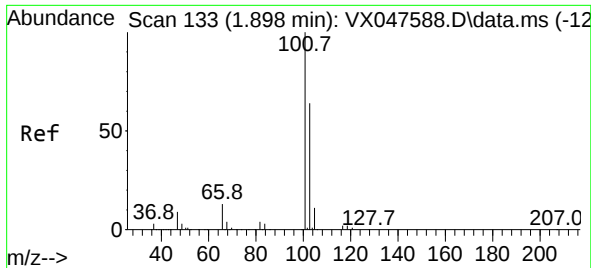
Tgt Ion: 64 Resp: 32752

Ion Ratio Lower Upper

64 100

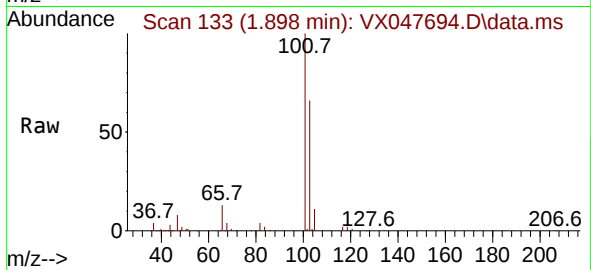
66 31.0 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 21.862 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047694.D
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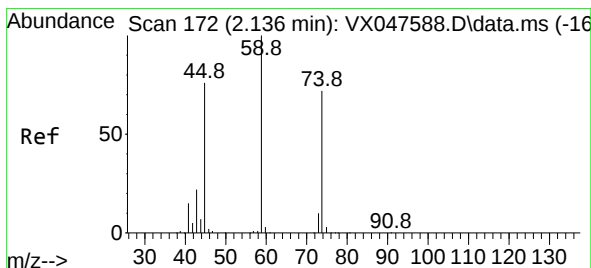
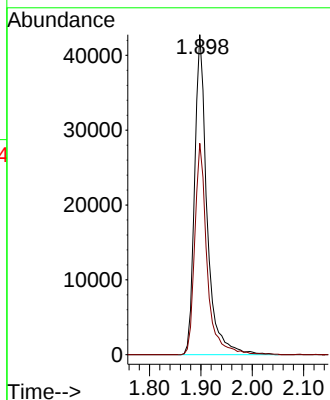
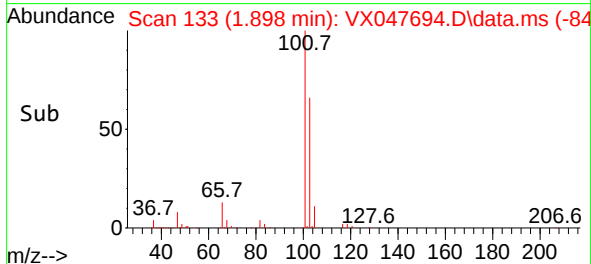
Instrument :
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 VX0922WBSD01



Tgt Ion:101 Resp: 7208
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.2

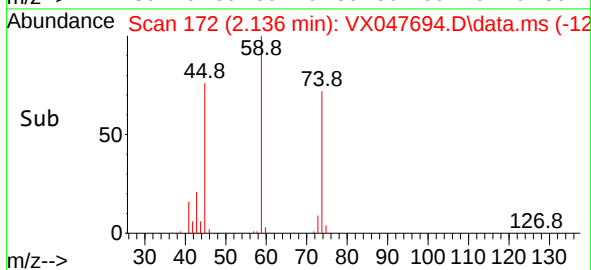
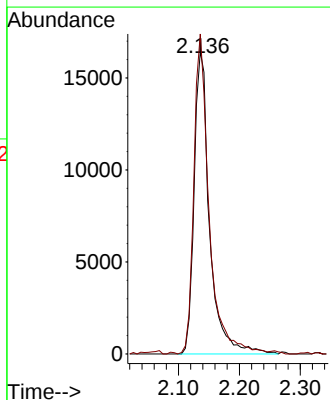
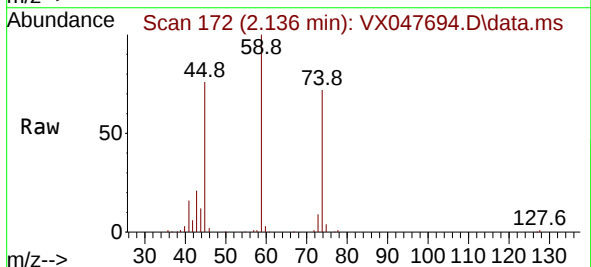
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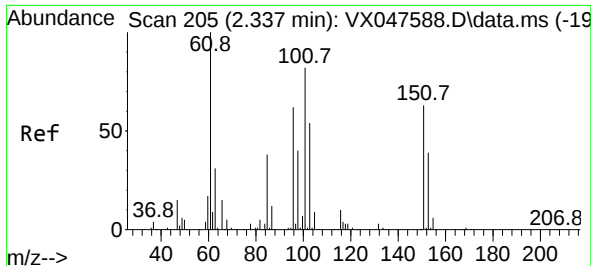
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#8
 Diethyl Ether
 Concen: 21.385 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX047694.D
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Tgt Ion: 74 Resp: 28842
 Ion Ratio Lower Upper
 74 100
 45 105.2 52.3 156.8





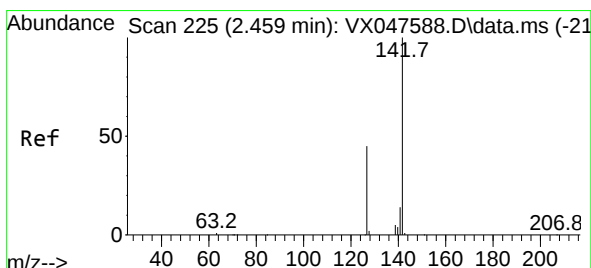
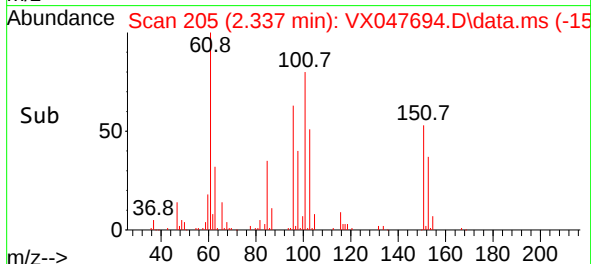
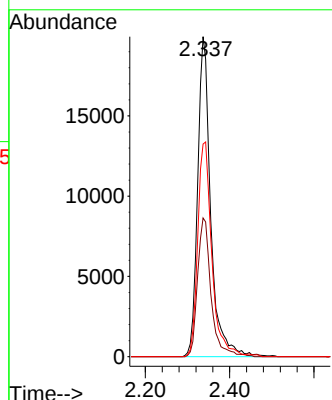
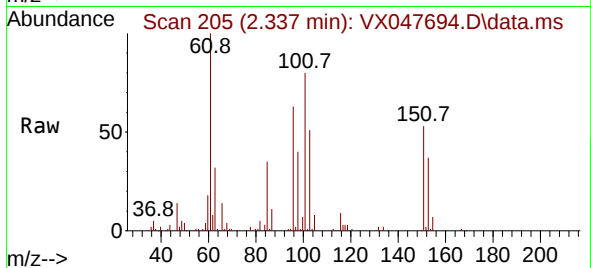
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.351 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01

Tgt Ion:101 Resp: 4309
Ion Ratio Lower Upper
101 100
85 44.7 35.5 53.3
151 72.2 59.4 89.0

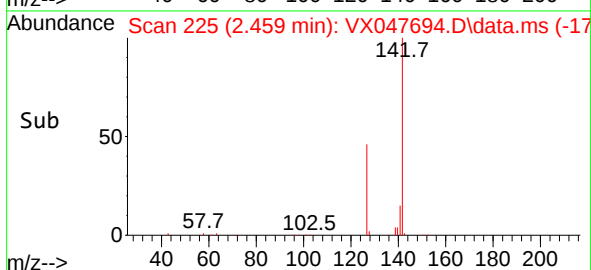
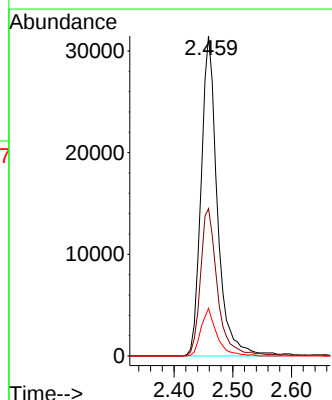
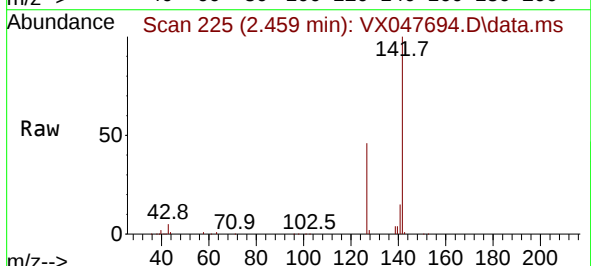
Manual Integrations
APPROVED

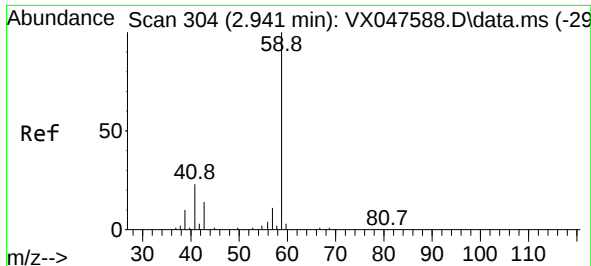
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#10
Methyl Iodide
Concen: 20.188 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

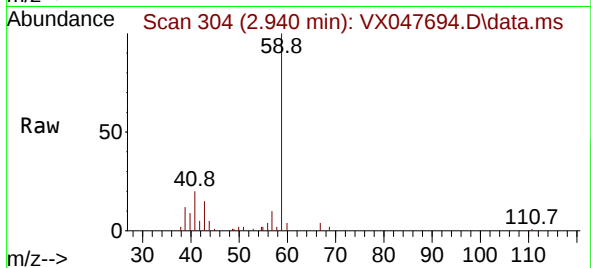
Tgt Ion:142 Resp: 60699
Ion Ratio Lower Upper
142 100
127 48.5 37.2 55.8
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 87.987 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

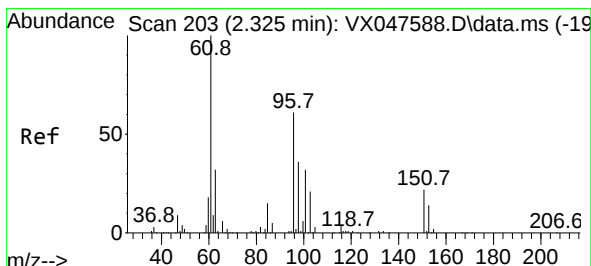
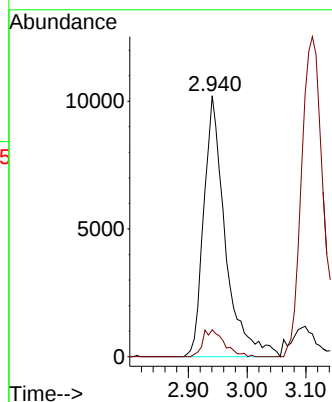
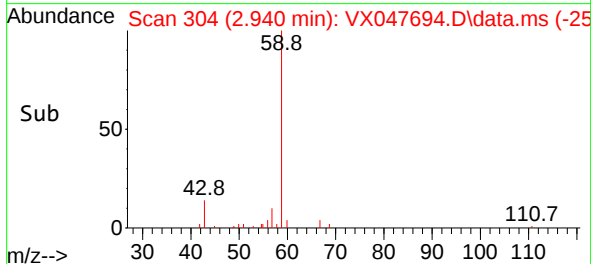
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



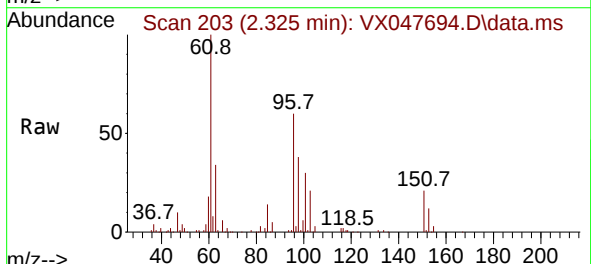
Tgt Ion: 59 Resp: 25998
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
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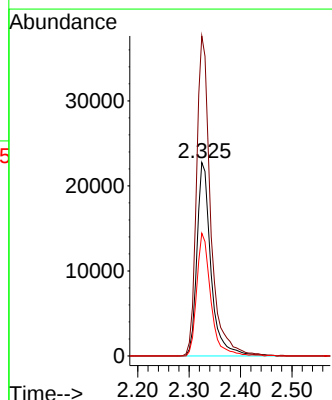
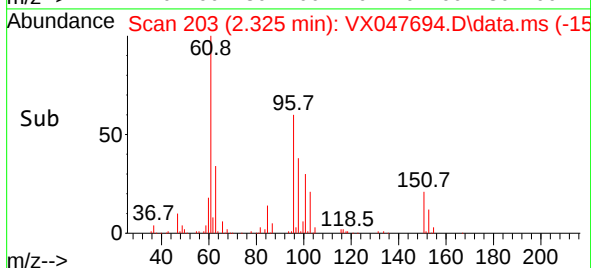
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

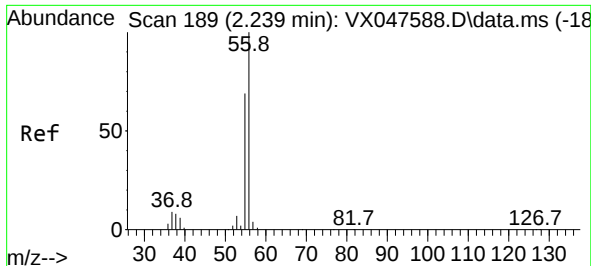


#12
1,1-Dichloroethene
Concen: 21.764 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42



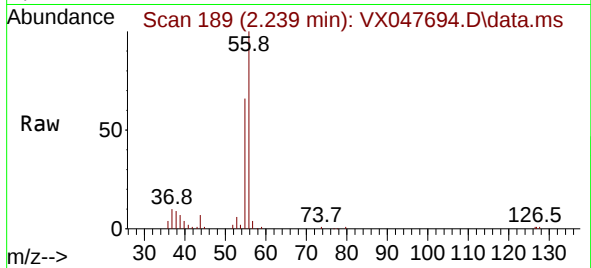
Tgt Ion: 96 Resp: 43100
Ion Ratio Lower Upper
96 100
61 165.4 131.0 196.6
98 63.4 47.7 71.5





#13
Acrolein
Concen: 114.658 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

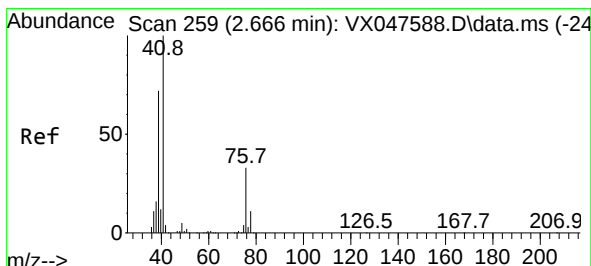
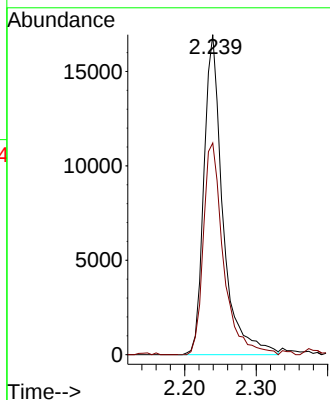
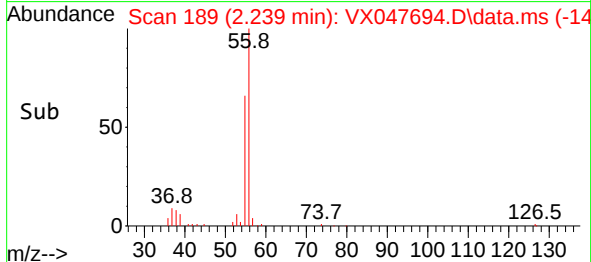
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 56 Resp: 3122
Ion Ratio Lower Upper
56 100
55 70.2 57.2 85.8

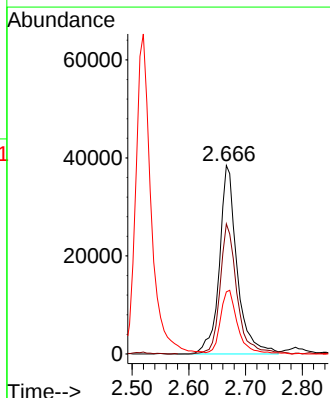
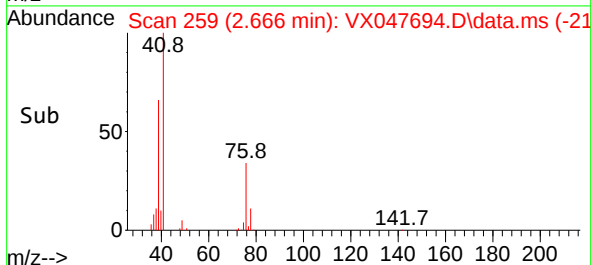
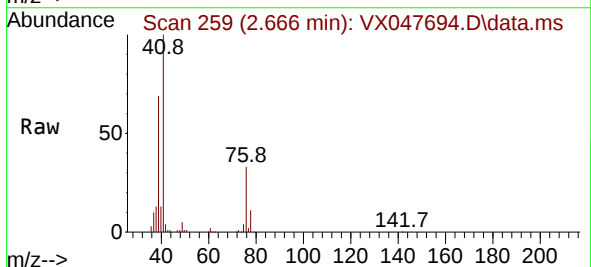
Manual Integrations
APPROVED

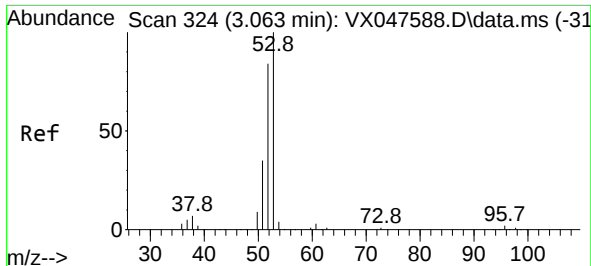
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#14
Allyl chloride
Concen: 20.466 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

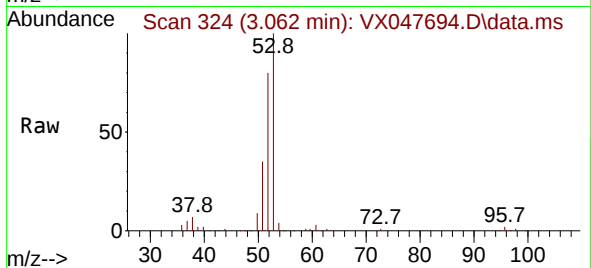
Tgt Ion: 41 Resp: 83632
Ion Ratio Lower Upper
41 100
39 66.2 54.7 82.1
76 32.8 25.7 38.5





#15
Acrylonitrile
Concen: 107.764 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

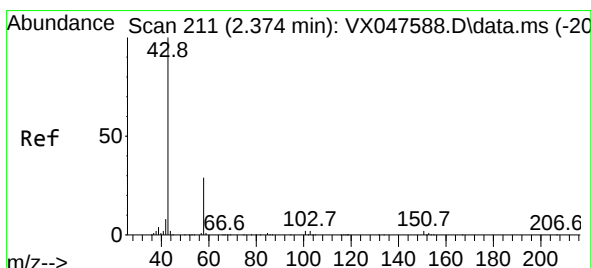
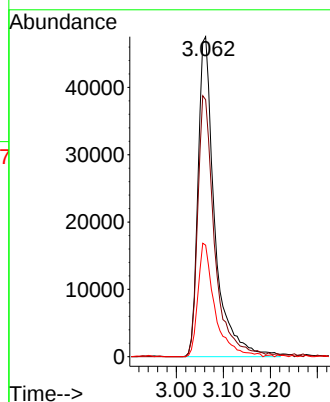
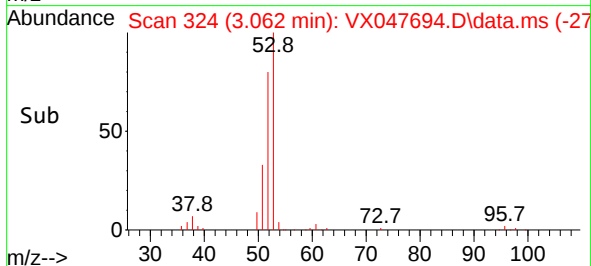
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



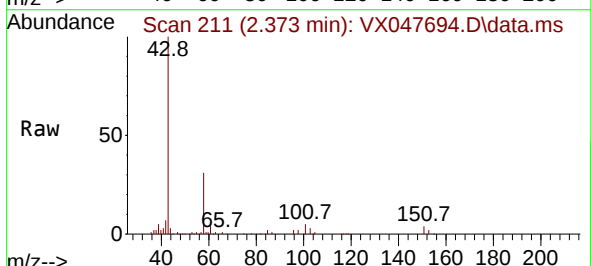
Tgt Ion: 53 Resp: 117948
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 36.0 29.5 44.3

Manual Integrations
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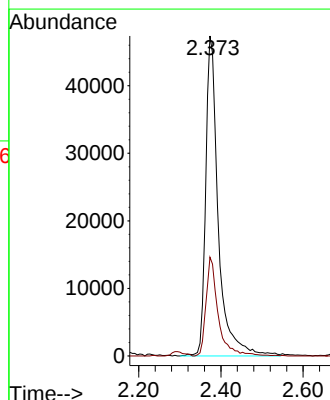
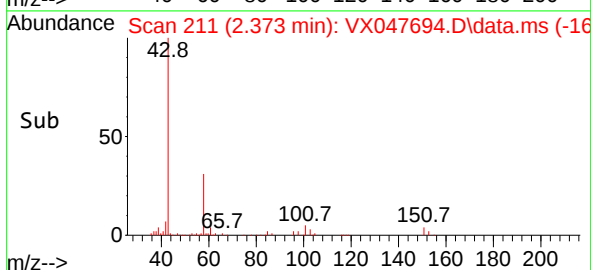
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

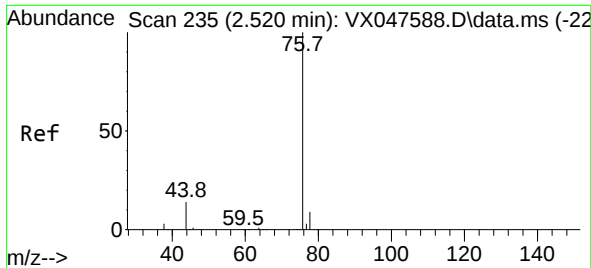


#16
Acetone
Concen: 87.147 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42



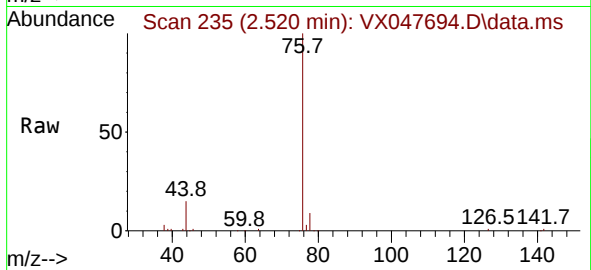
Tgt Ion: 43 Resp: 100532
Ion Ratio Lower Upper
43 100
58 30.7 23.4 35.0





#17
Carbon Disulfide
Concen: 22.428 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

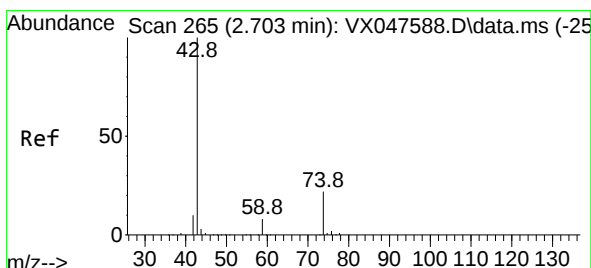
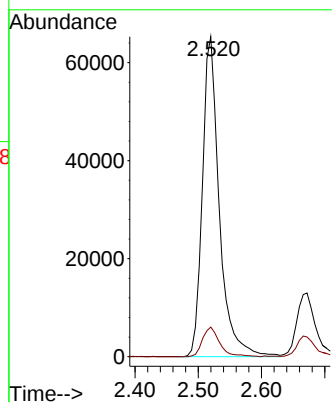
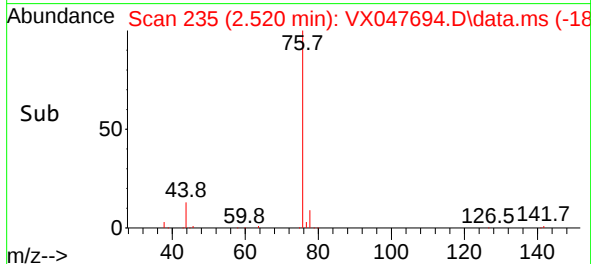
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 76 Resp: 121590
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

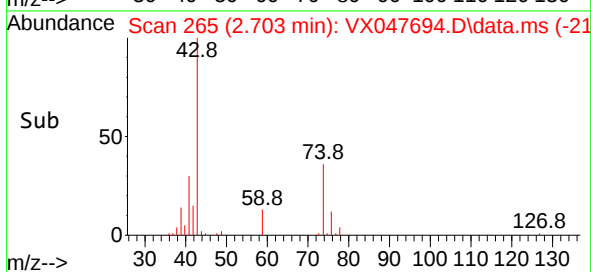
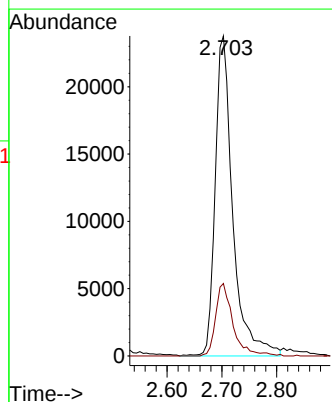
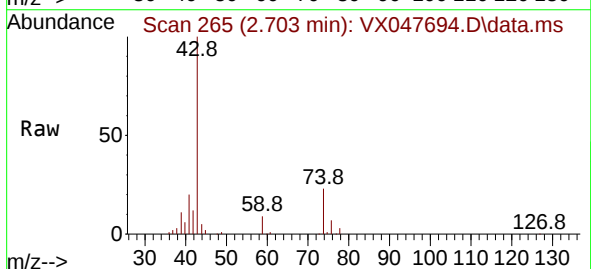
Manual Integrations
APPROVED

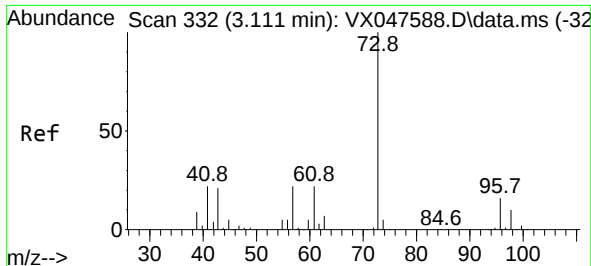
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#18
Methyl Acetate
Concen: 20.637 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

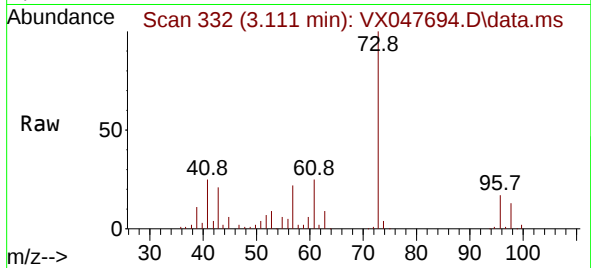
Tgt Ion: 43 Resp: 52981
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 21.131 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

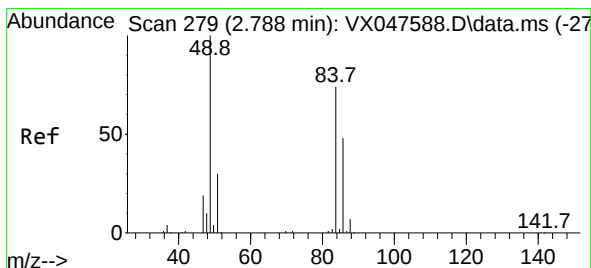
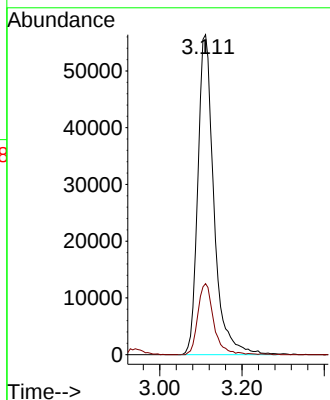
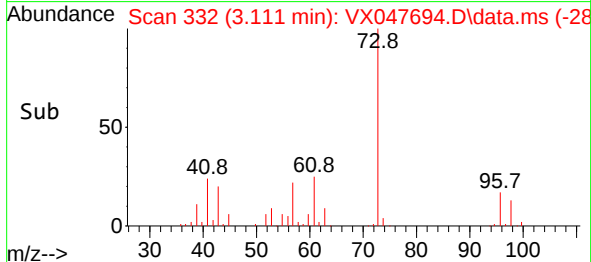
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 73 Resp: 152758
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

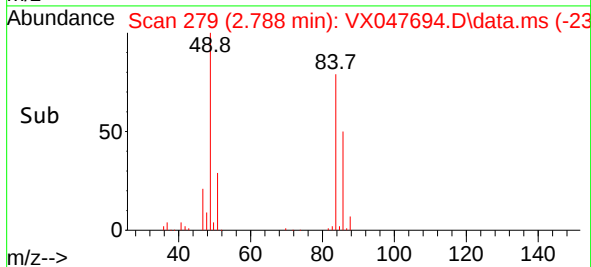
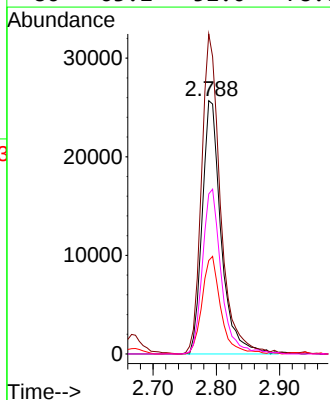
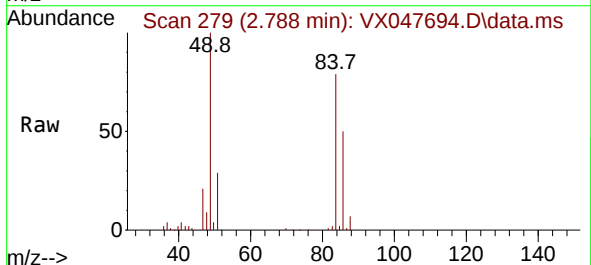
Manual Integrations
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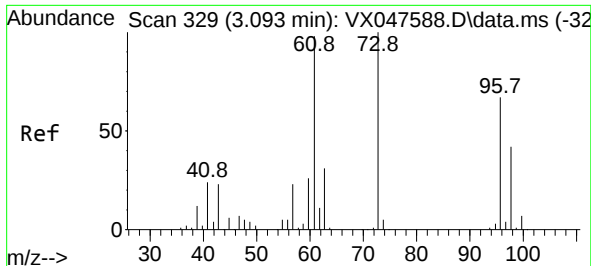
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#20
Methylene Chloride
Concen: 21.901 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

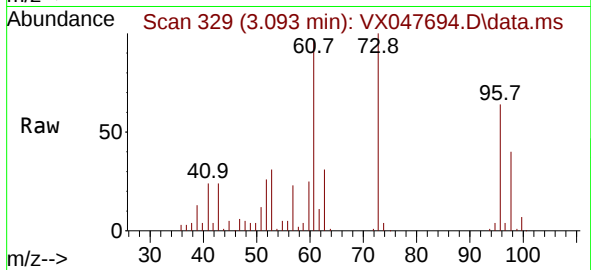
Tgt Ion: 84 Resp: 53479
Ion Ratio Lower Upper
84 100
49 126.3 108.6 162.8
51 36.9 32.6 48.8
86 63.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 21.538 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

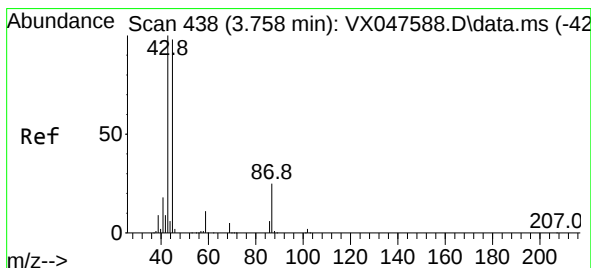
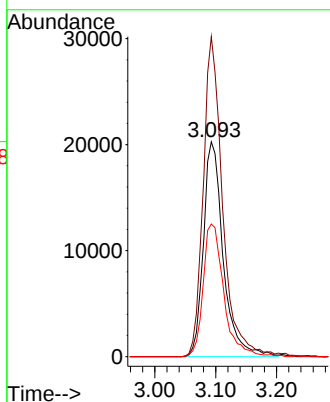
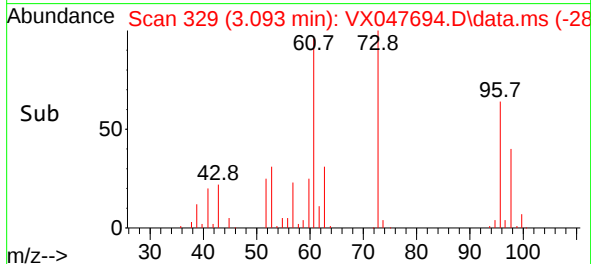
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 96 Resp: 45920
Ion Ratio Lower Upper
96 100
61 140.1 116.2 174.2
98 58.0 49.3 73.9

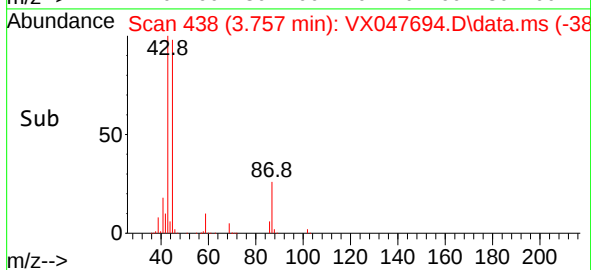
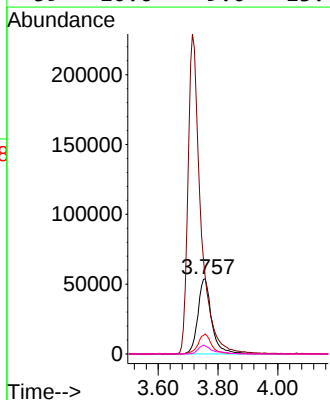
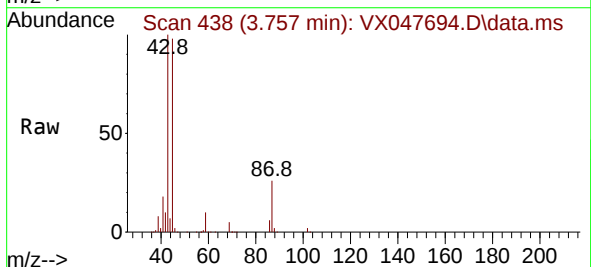
Manual Integrations
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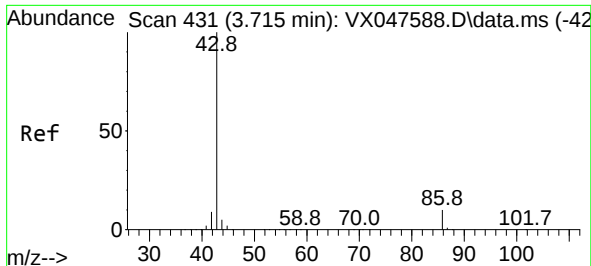
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#22
Diisopropyl ether
Concen: 21.770 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

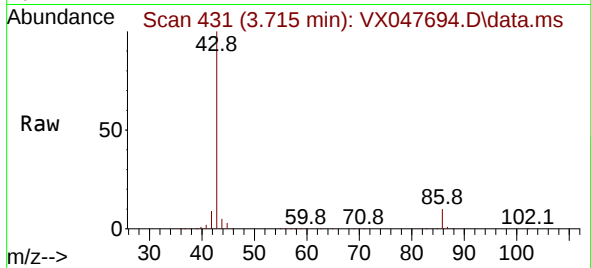
Tgt Ion: 45 Resp: 172409
Ion Ratio Lower Upper
45 100
43 101.5 81.0 121.4
87 26.6 20.3 30.5
59 10.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 107.218 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047694.D
 Acq: 22 Sep 2025 11:42

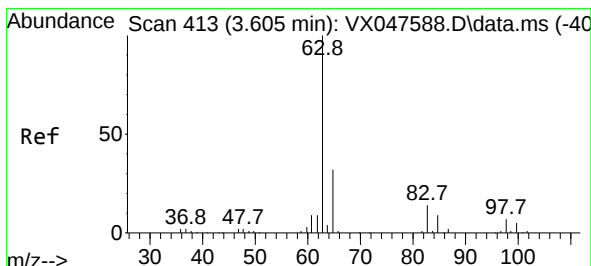
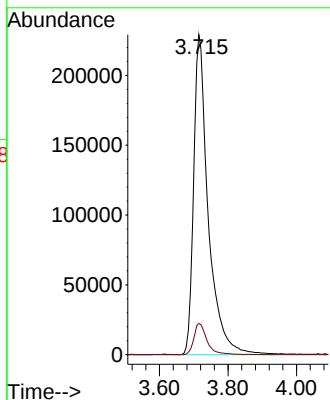
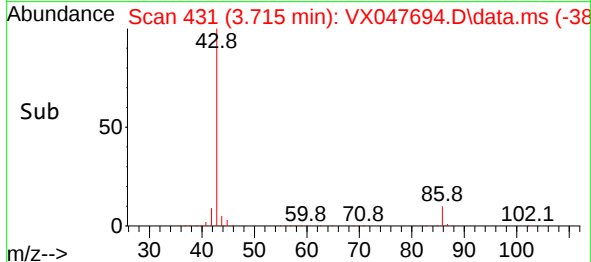
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBSD01



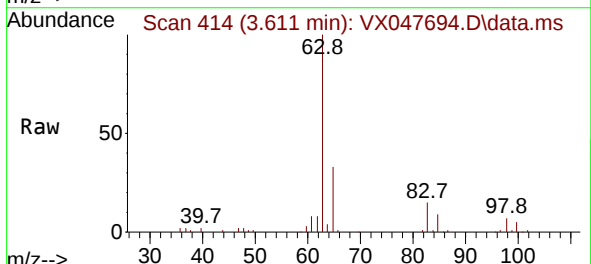
Tgt Ion: 43 Resp: 67960
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

Manual Integrations
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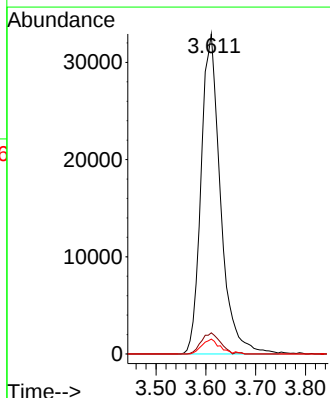
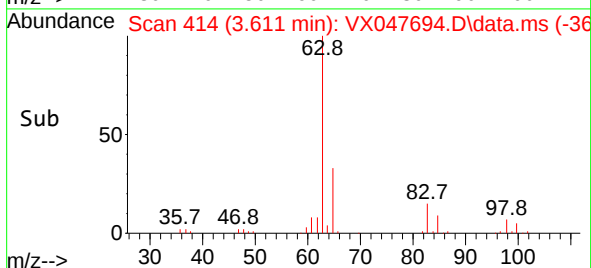
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

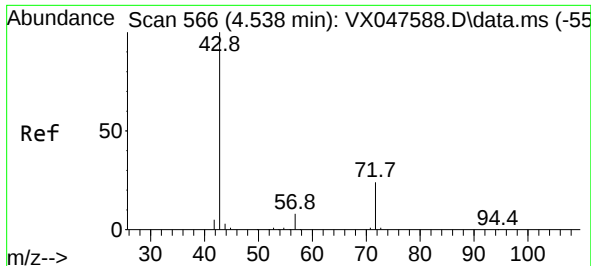


#24
 1,1-Dichloroethane
 Concen: 21.213 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX047694.D
 Acq: 22 Sep 2025 11:42



Tgt Ion: 63 Resp: 89295
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.2
 100 4.7 2.3 6.9





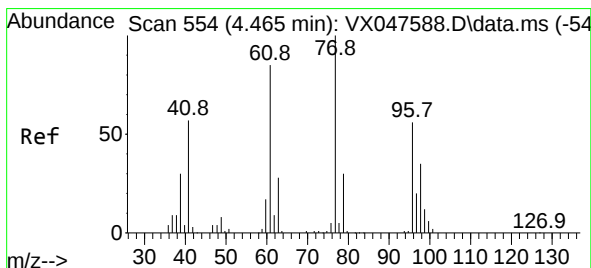
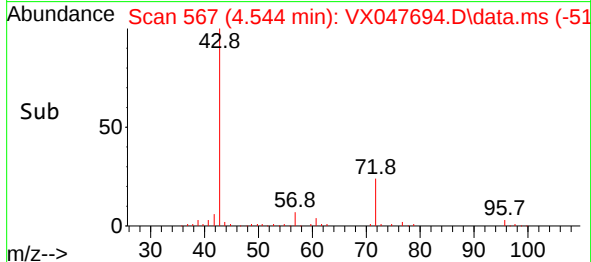
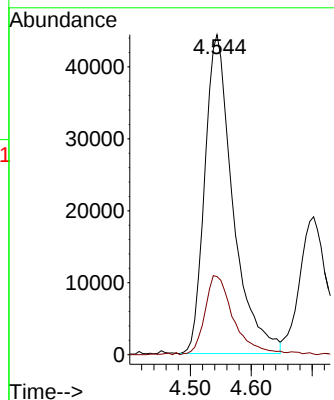
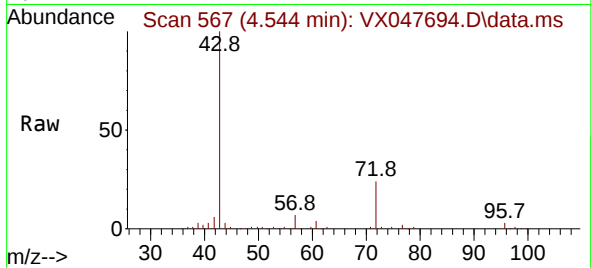
#25
2-Butanone
Concen: 98.898 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01

Tgt Ion: 43 Resp: 142310
Ion Ratio Lower Upper
43 100
72 24.2 20.1 30.1

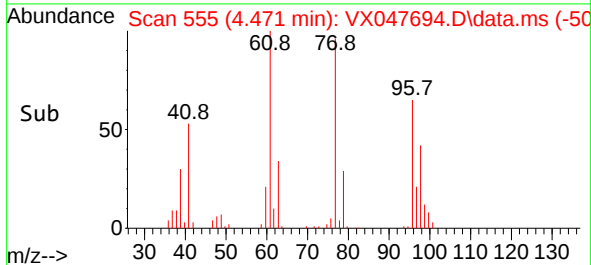
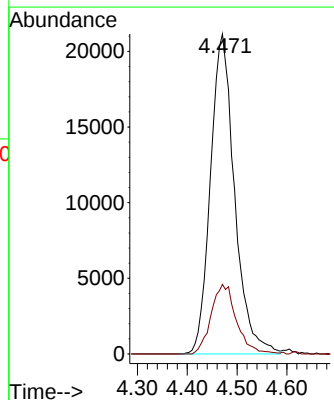
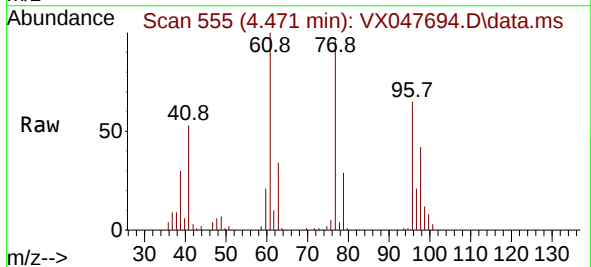
Manual Integrations
APPROVED

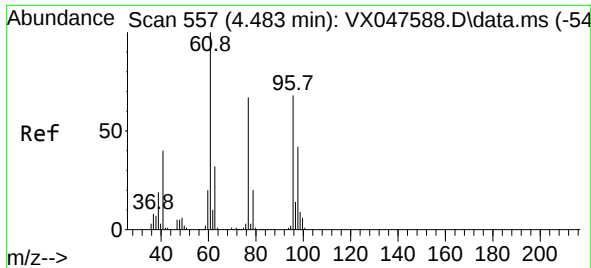
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#26
2,2-Dichloropropane
Concen: 20.317 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion: 77 Resp: 71090
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.7





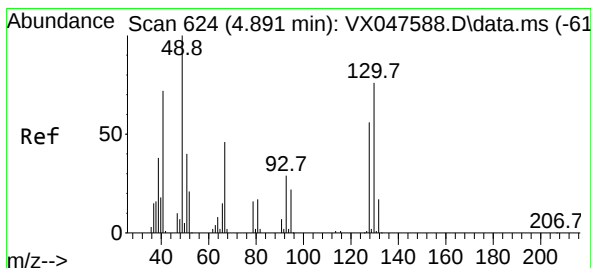
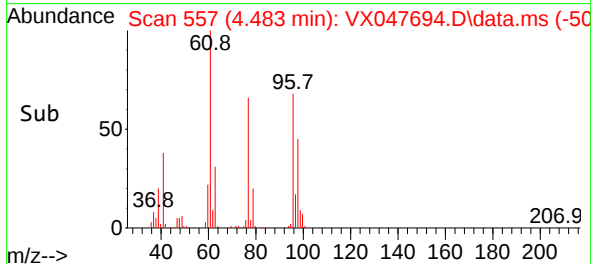
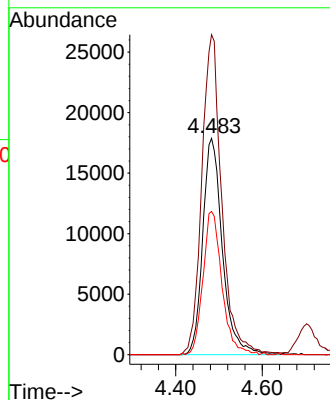
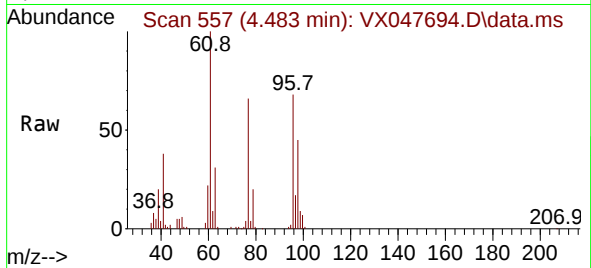
#27
cis-1,2-Dichloroethene
Concen: 21.574 ug/l
RT: 4.483 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01

Tgt Ion: 96 Resp: 5633
Ion Ratio Lower Upper
96 100
61 150.5 0.0 303.2
98 63.9 0.0 127.8

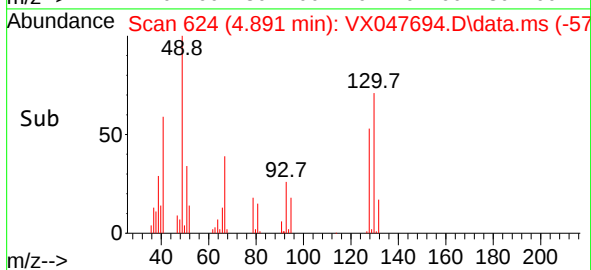
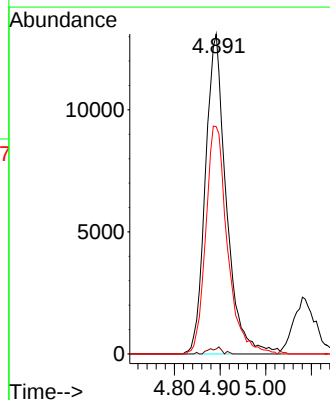
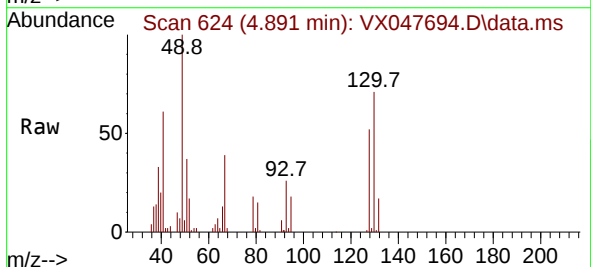
Manual Integrations
APPROVED

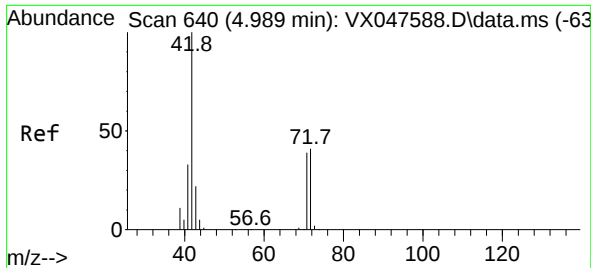
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#28
Bromochloromethane
Concen: 22.664 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion: 49 Resp: 41649
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.2
130 73.6 57.8 86.8





#29

Tetrahydrofuran

Concen: 103.406 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBSD01

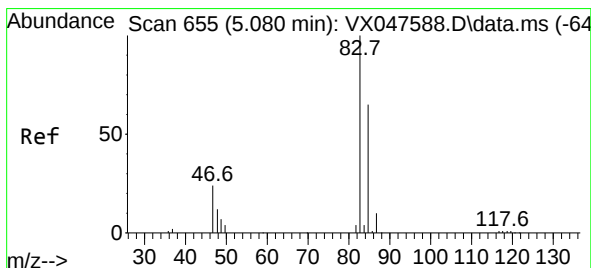
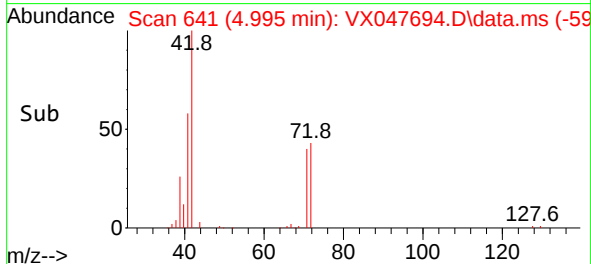
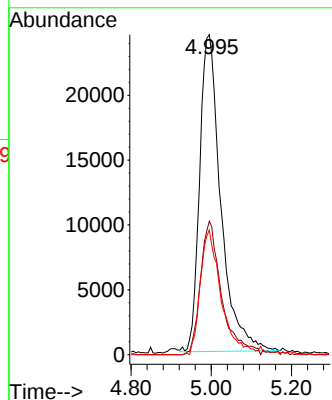
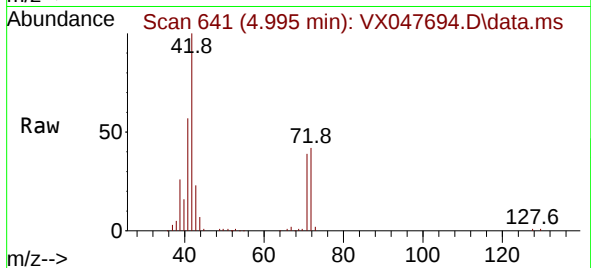
Tgt Ion:	42	Resp:	8951
Ion Ratio	Lower	Upper	
42	100		
72	41.9	34.2	51.2
71	38.3	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#30

Chloroform

Concen: 21.535 ug/l

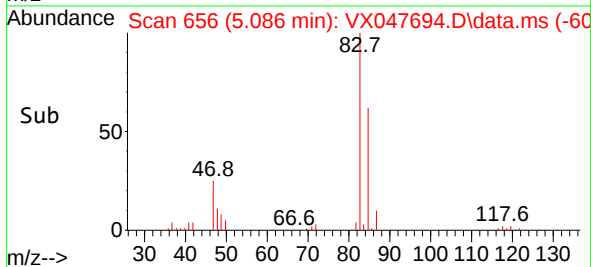
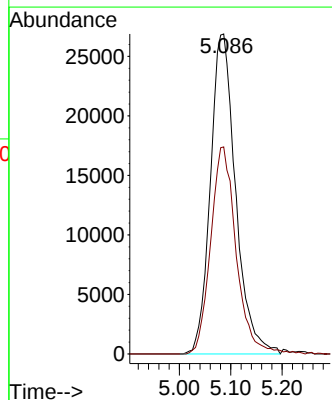
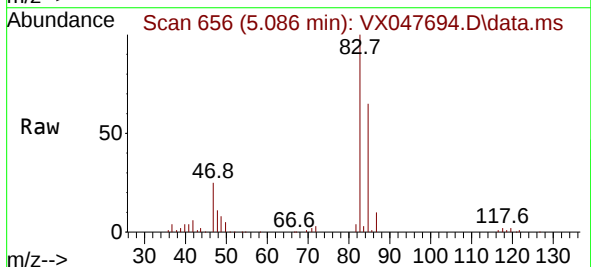
RT: 5.086 min Scan# 656

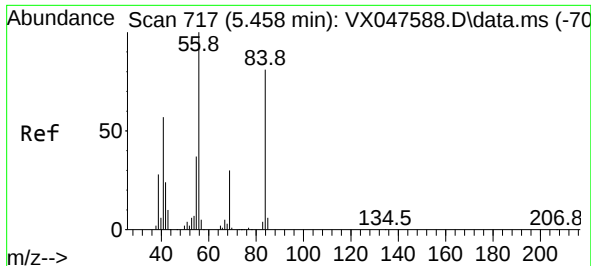
Delta R.T. 0.006 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

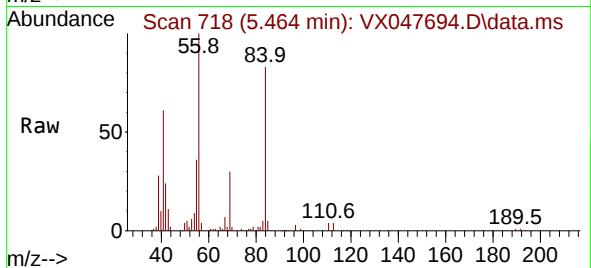
Tgt Ion:	83	Resp:	91602
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.8	77.6





#31
Cyclohexane
Concen: 21.945 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

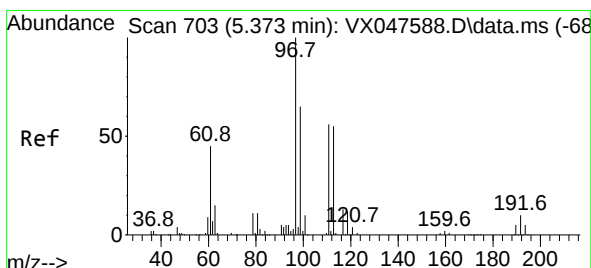
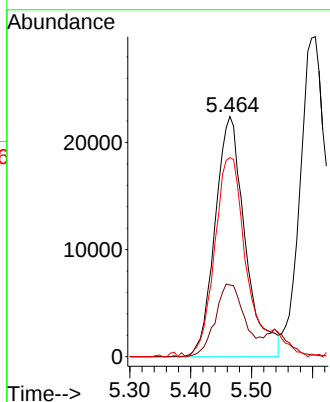
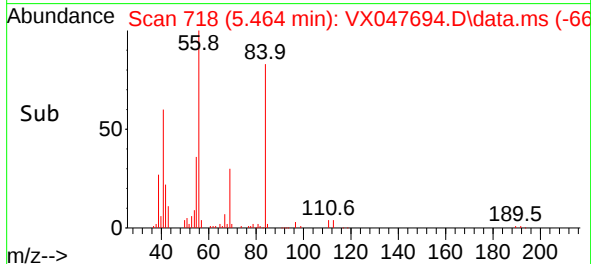
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 56 Resp: 7693
Ion Ratio Lower Upper
56 100
69 29.9 23.8 35.8
84 82.9 64.6 97.0

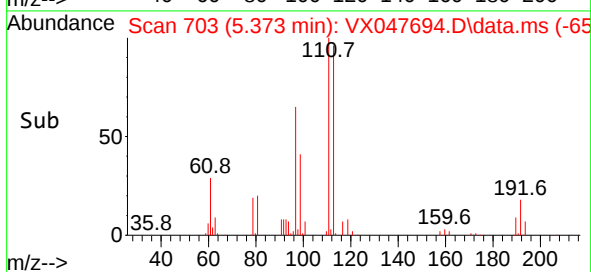
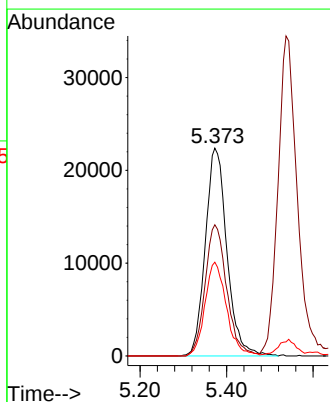
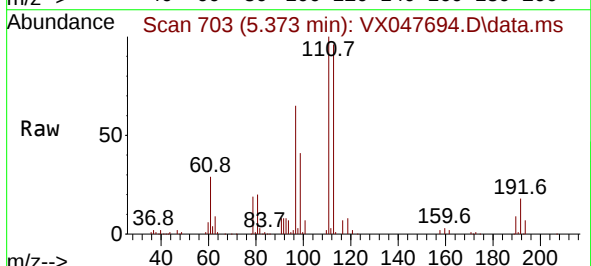
Manual Integrations
APPROVED

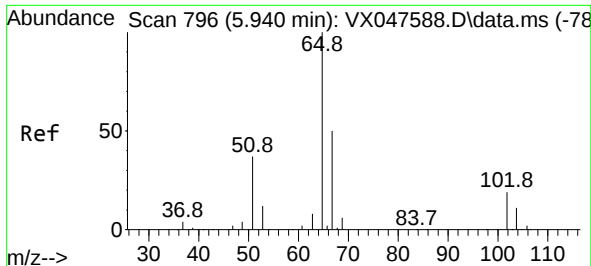
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#32
1,1,1-Trichloroethane
Concen: 21.496 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion: 97 Resp: 77558
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 45.0 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 53.107 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBSD01

Tgt Ion: 65 Resp: 140900

Ion Ratio Lower Upper

65 100

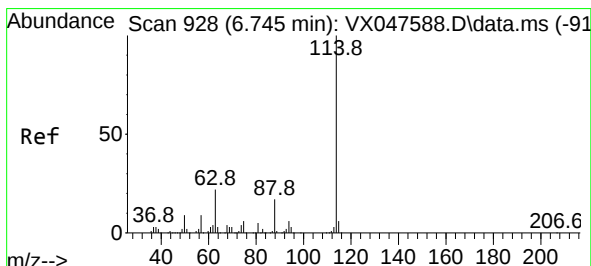
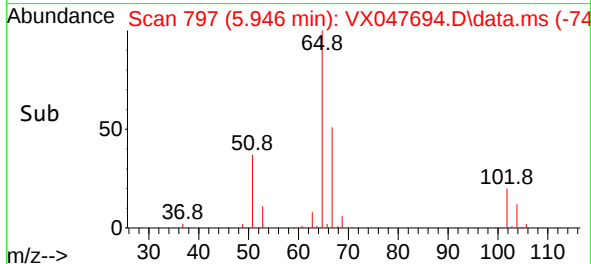
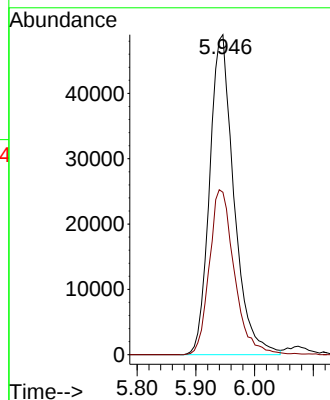
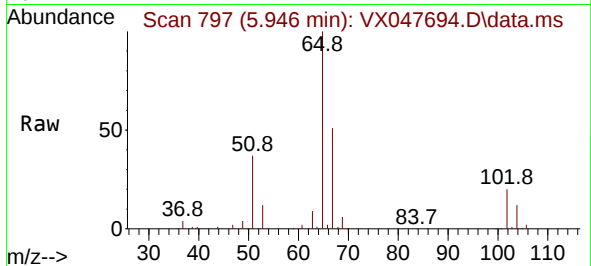
67 53.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

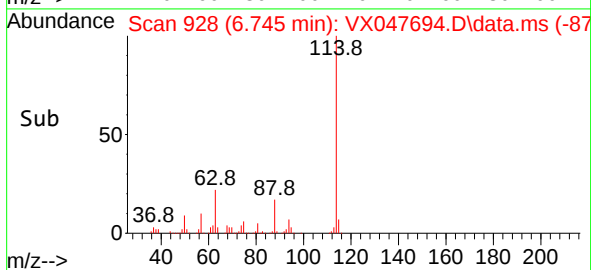
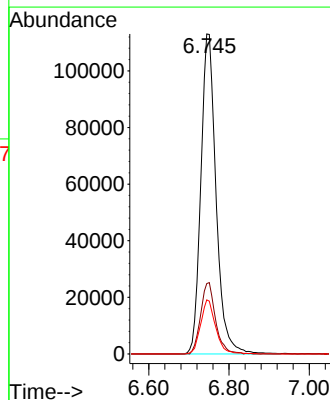
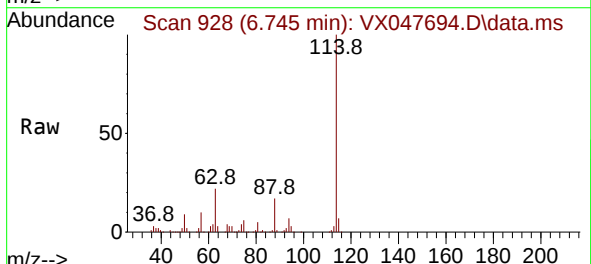
Tgt Ion:114 Resp: 297578

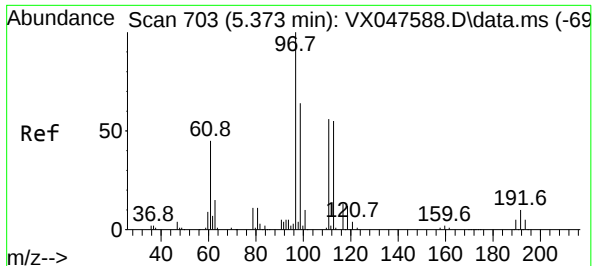
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

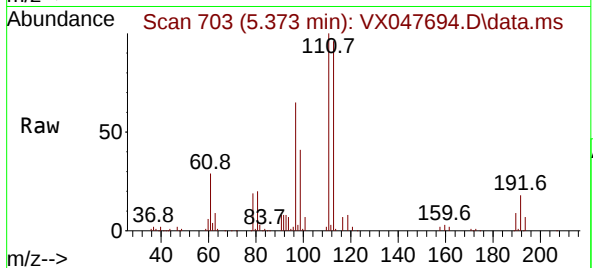
88 16.9 0.0 34.2





#35
Dibromofluoromethane
Concen: 54.771 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

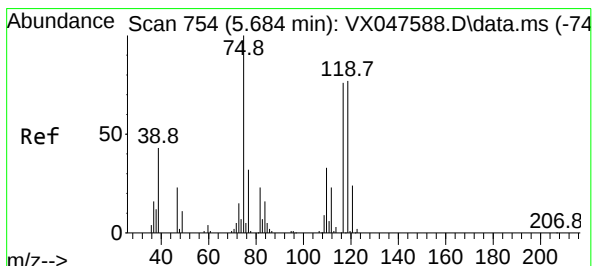
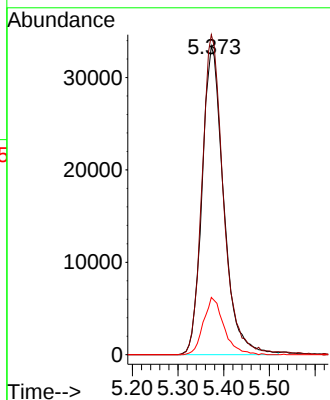
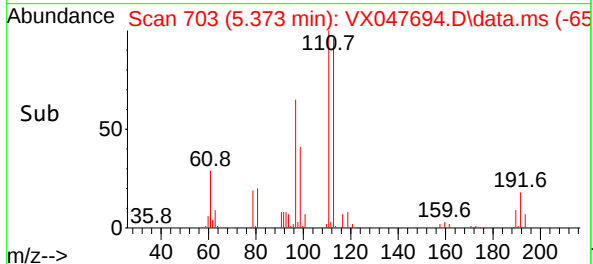
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 113 Resp: 109308
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 17.7 14.2 21.4

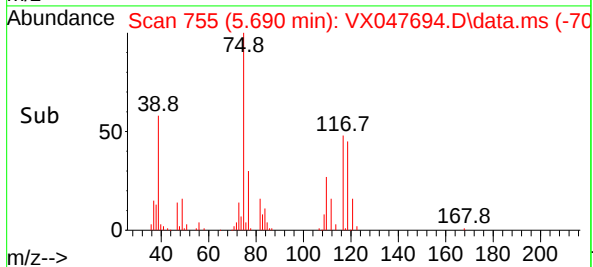
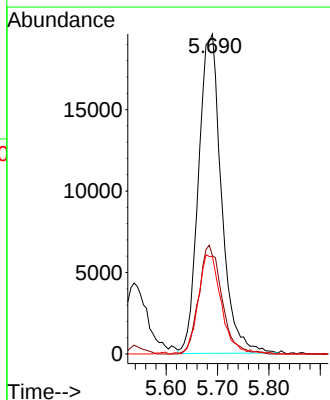
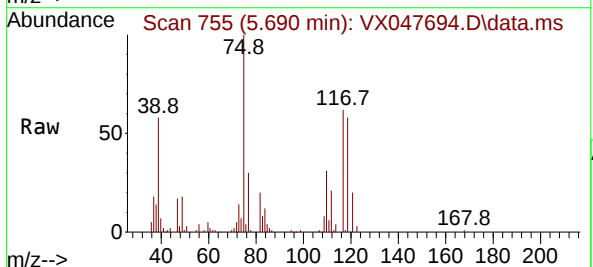
Manual Integrations
APPROVED

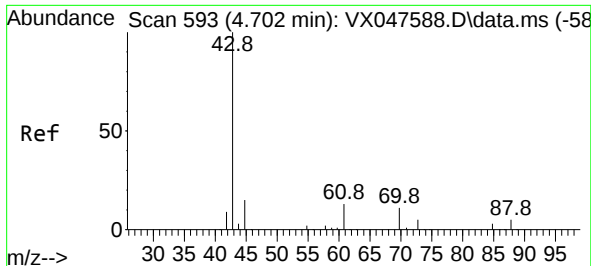
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#36
1,1-Dichloropropene
Concen: 20.830 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

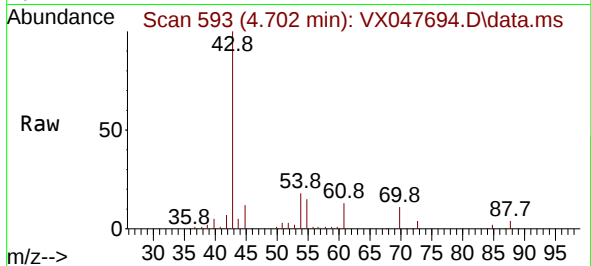
Tgt Ion: 75 Resp: 60746
Ion Ratio Lower Upper
75 100
110 33.9 16.7 50.1
77 31.5 24.3 36.5





#37
Ethyl Acetate
Concen: 21.521 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

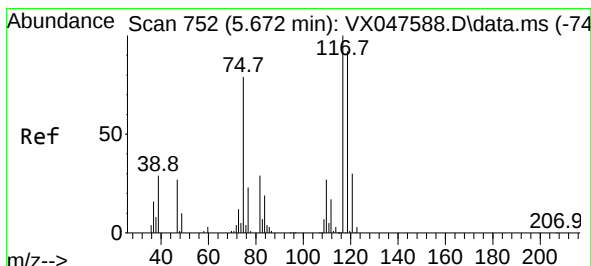
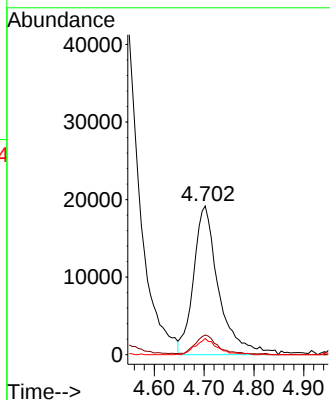
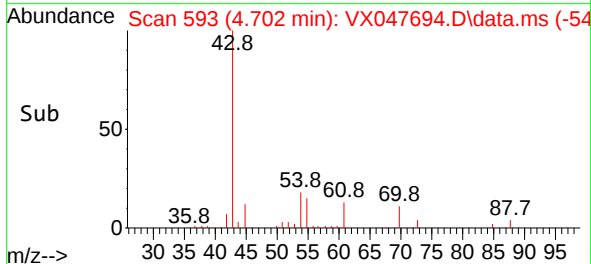
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 43 Resp: 6719
Ion Ratio Lower Upper
43 100
61 10.8 9.8 14.8
70 9.4 7.9 11.9

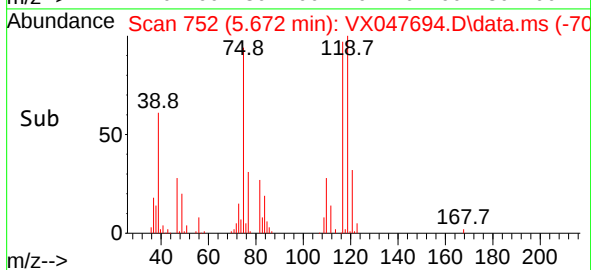
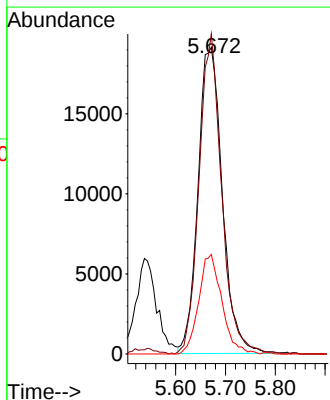
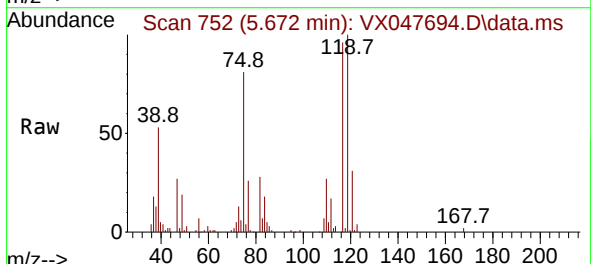
Manual Integrations
APPROVED

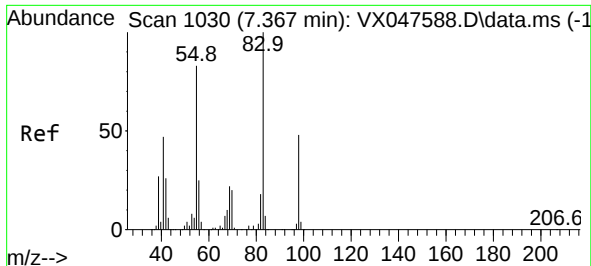
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#38
Carbon Tetrachloride
Concen: 20.482 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion:117 Resp: 64898
Ion Ratio Lower Upper
117 100
119 104.2 73.4 110.2
121 32.6 23.8 35.6





#39

Methylcyclohexane

Concen: 21.875 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX047694.D

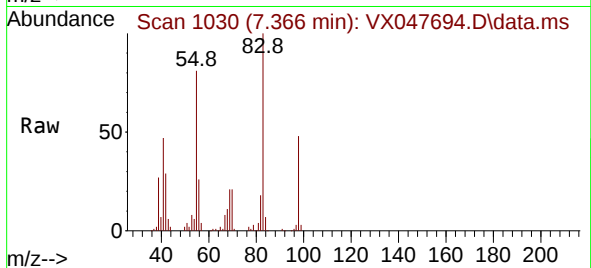
Acq: 22 Sep 2025 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBSD01



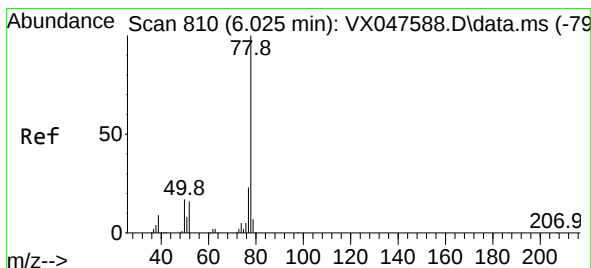
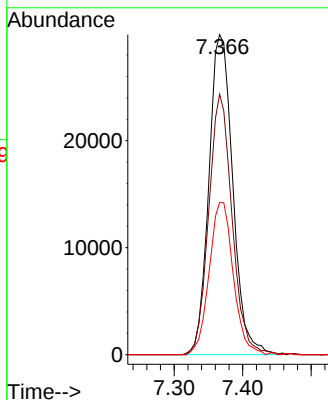
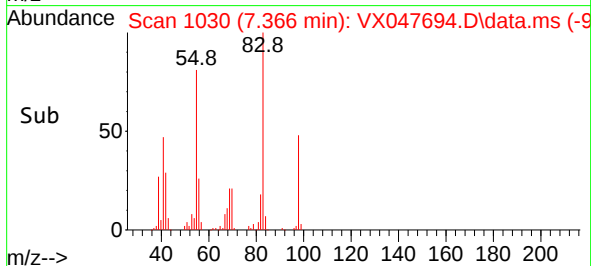
Tgt Ion: 83	Resp: 72414
Ion Ratio	Lower Upper
83	100
55	81.4 66.4 99.6
98	47.6 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#40

Benzene

Concen: 21.570 ug/l

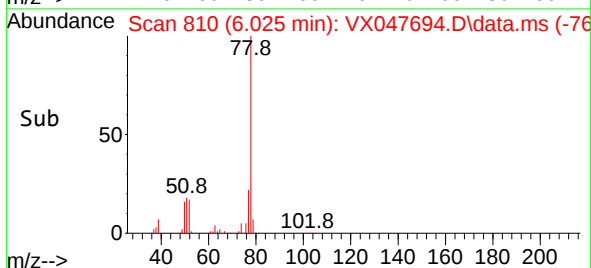
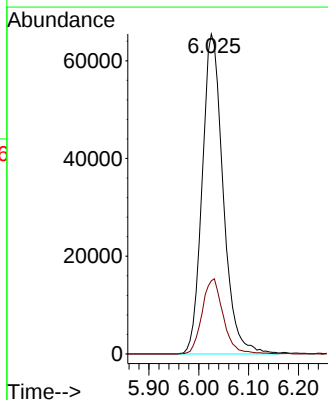
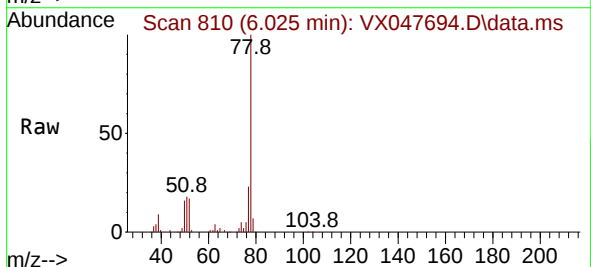
RT: 6.025 min Scan# 810

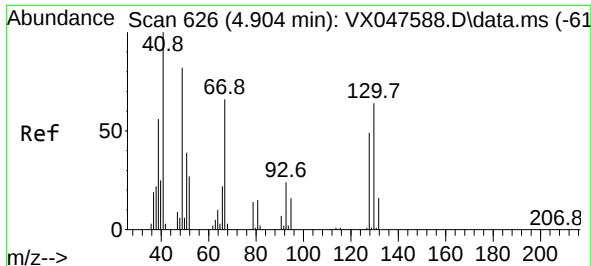
Delta R.T. -0.000 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

Tgt Ion: 78	Resp: 191052
Ion Ratio	Lower Upper
78	100
77	22.8 18.8 28.2





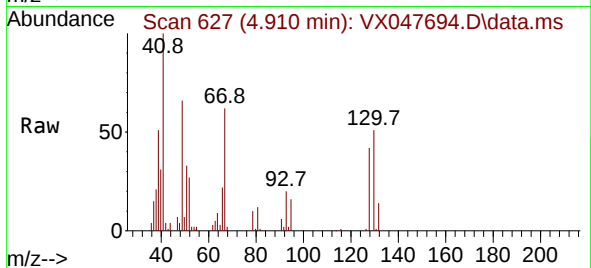
#41
Methacrylonitrile
Concen: 21.051 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBSD01



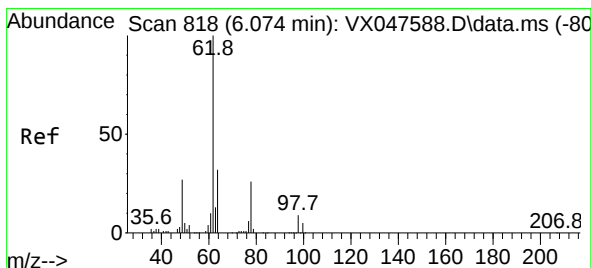
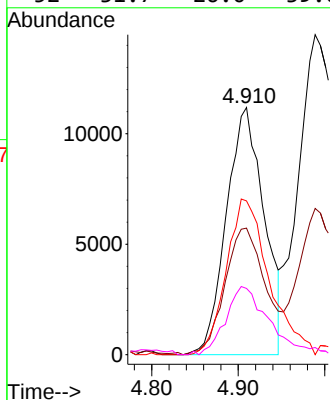
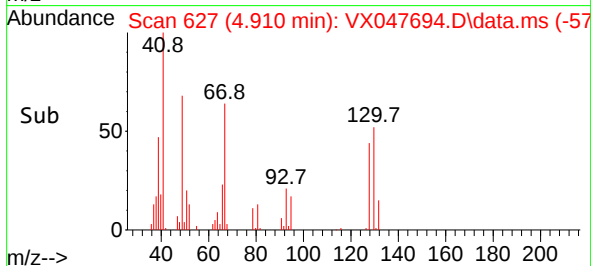
Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.3	64.9
67	71.0	58.6	87.8
52	31.7	26.0	39.0

Manual Integrations

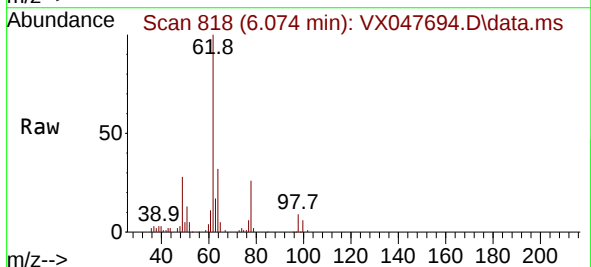
APPROVED

Reviewed By :John Carlone 09/23/2025

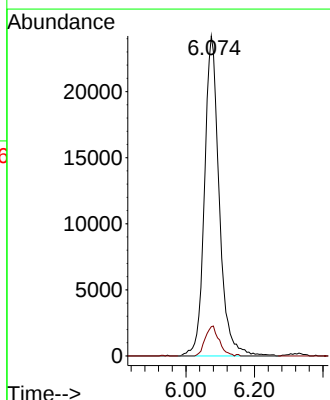
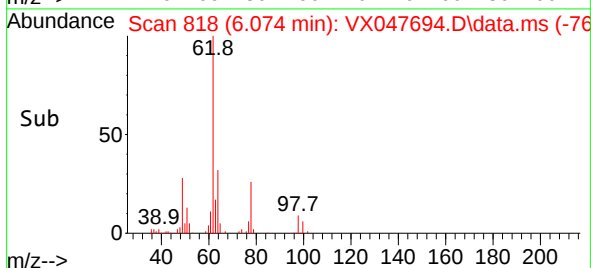
Supervised By :Mahesh Dadoda 09/24/2025

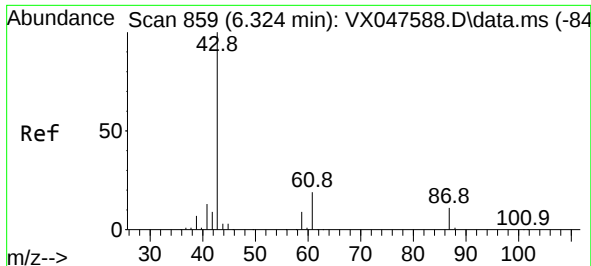


#42
1,2-Dichloroethane
Concen: 21.523 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42



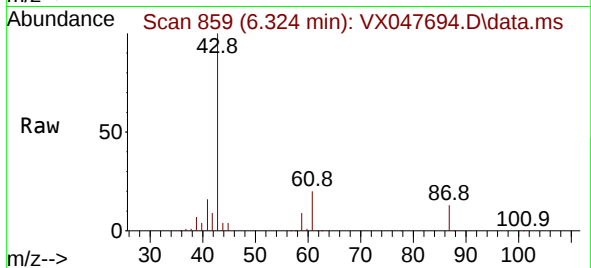
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0





#43
Isopropyl Acetate
Concen: 20.589 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

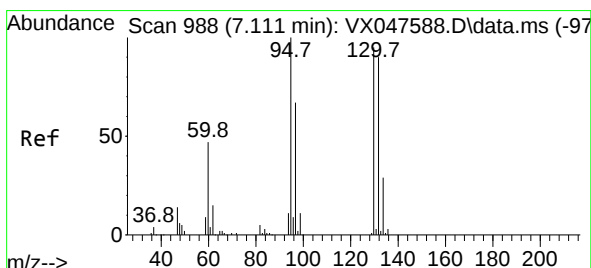
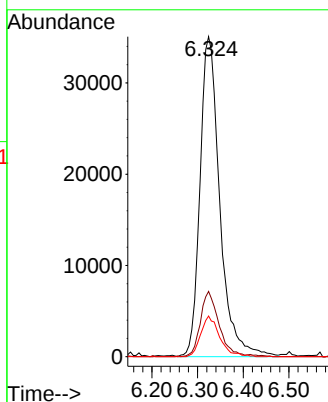
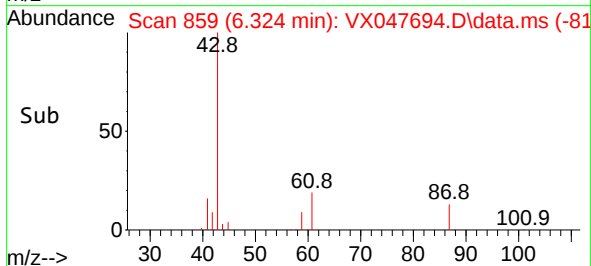
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 43 Resp: 105438
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.1 9.6 14.4

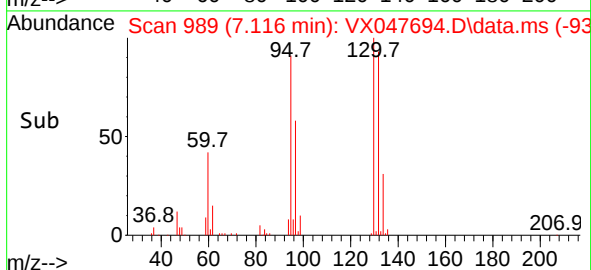
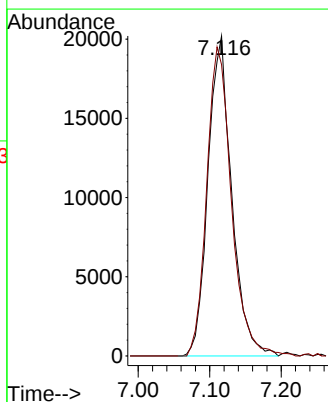
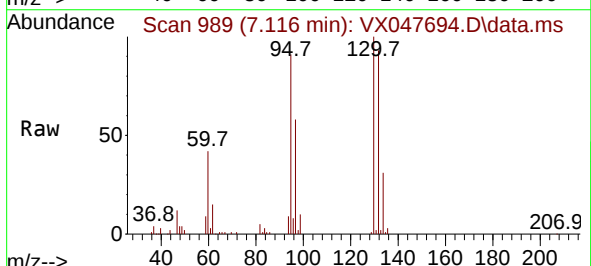
Manual Integrations
APPROVED

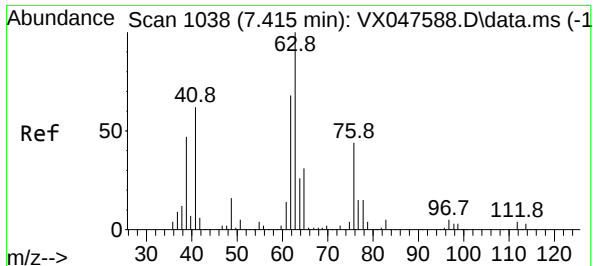
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#44
Trichloroethene
Concen: 21.747 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion:130 Resp: 46569
Ion Ratio Lower Upper
130 100
95 91.0 0.0 210.8





#45

1,2-Dichloropropane

Concen: 21.678 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBSD01

Tgt Ion: 63 Resp: 4916

Ion Ratio Lower Upper

63 100

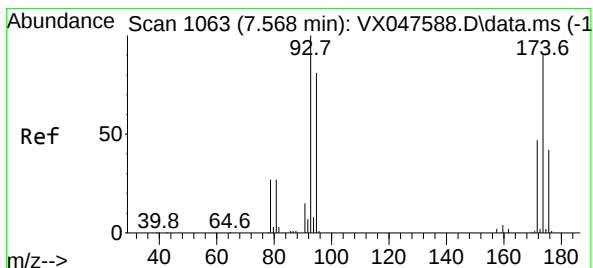
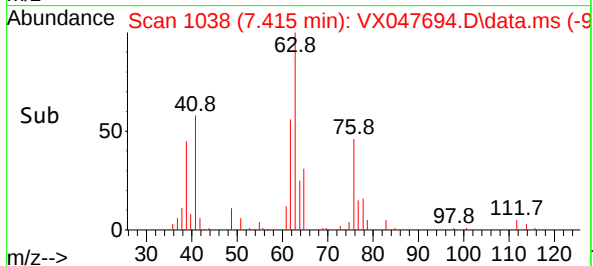
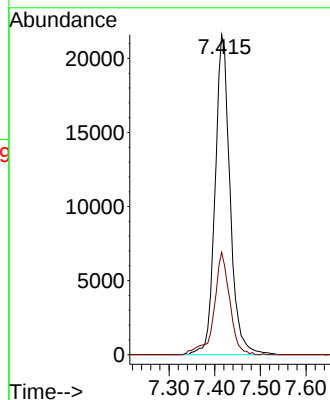
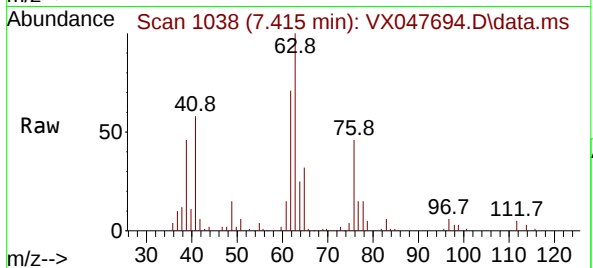
65 32.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#46

Dibromomethane

Concen: 21.294 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

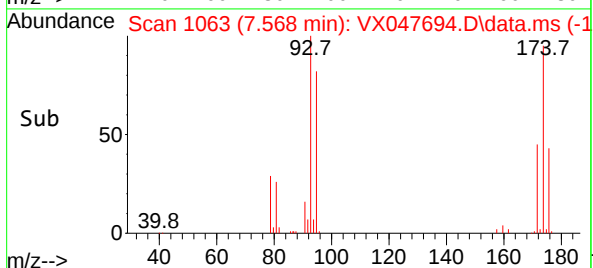
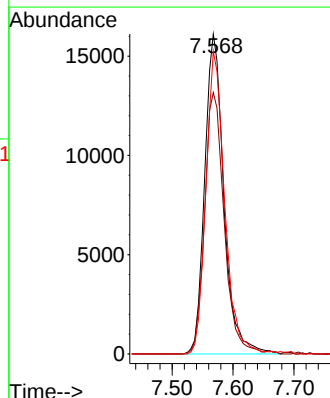
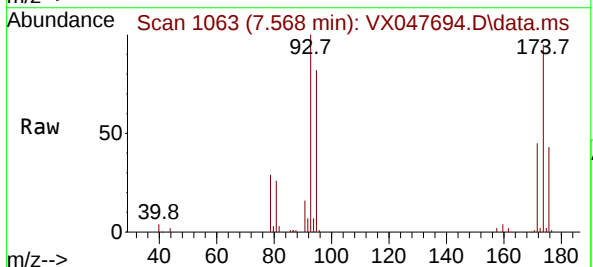
Tgt Ion: 93 Resp: 35145

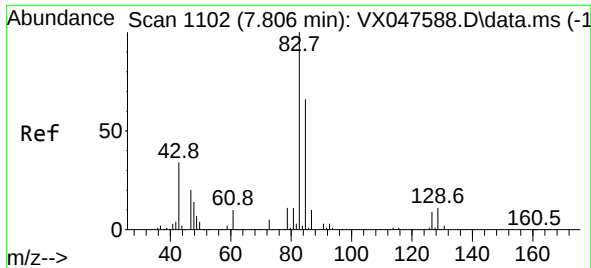
Ion Ratio Lower Upper

93 100

95 83.5 65.0 97.6

174 92.9 71.6 107.4





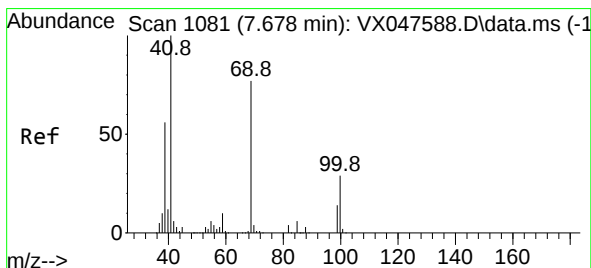
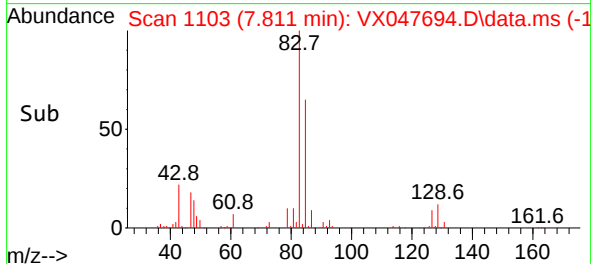
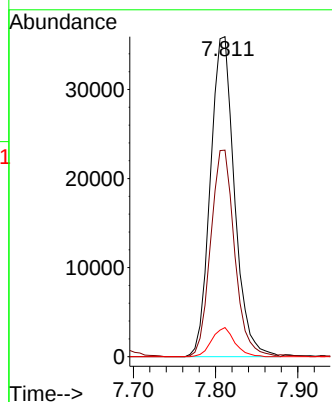
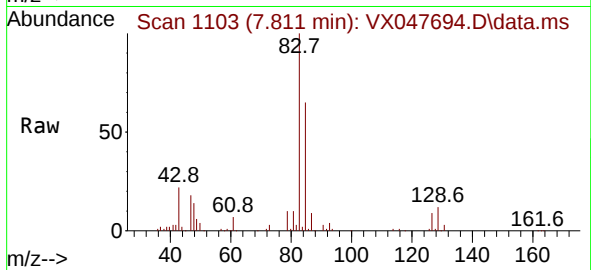
#47
Bromodichloromethane
Concen: 21.480 ug/l
RT: 7.811 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01

Tgt Ion: 83 Resp: 73150
Ion Ratio Lower Upper
83 100
85 64.5 52.5 78.7
127 9.1 6.9 10.3

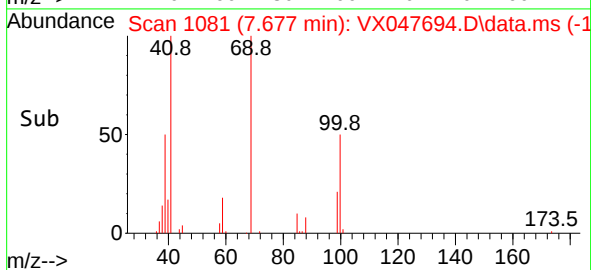
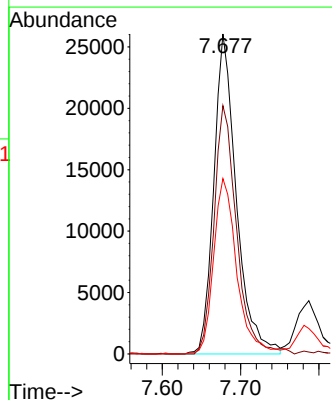
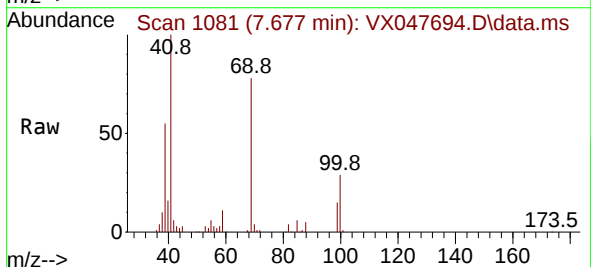
Manual Integrations
APPROVED

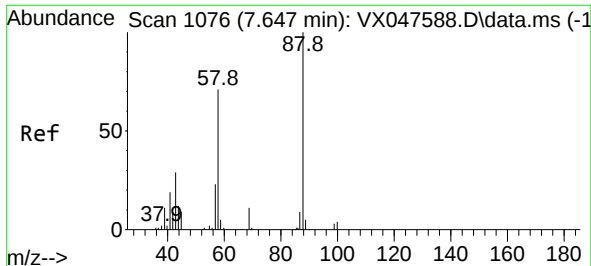
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#48
Methyl methacrylate
Concen: 20.492 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

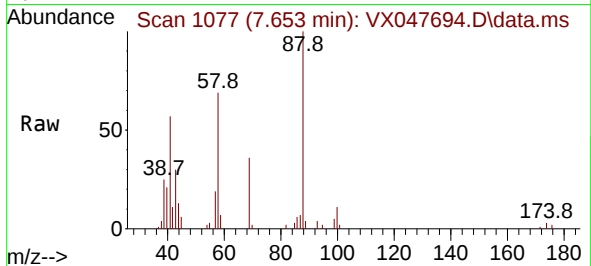
Tgt Ion: 41 Resp: 52272
Ion Ratio Lower Upper
41 100
69 77.5 61.4 92.2
39 55.9 45.8 68.6





#49
1,4-Dioxane
Concen: 460.378 ug/l
RT: 7.653 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

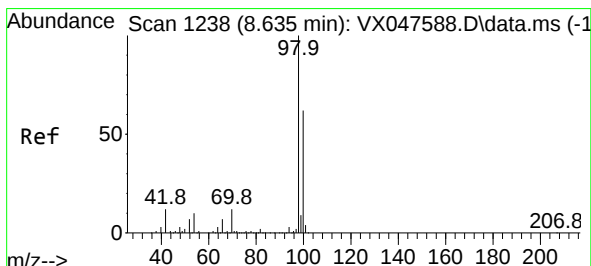
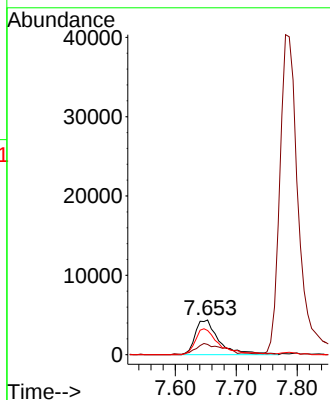
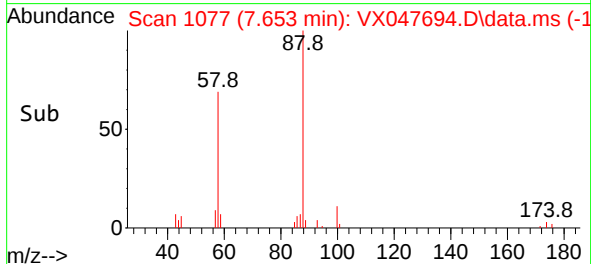
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 88 Resp: 1186
Ion Ratio Lower Upper
88 100
43 39.6 30.2 45.2
58 73.7 59.5 89.3

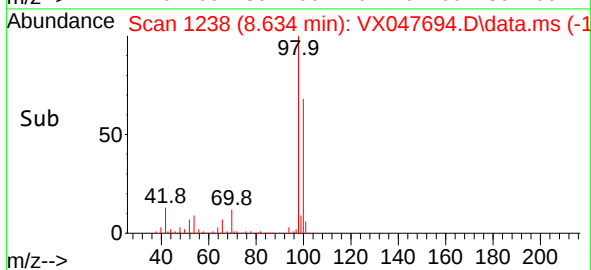
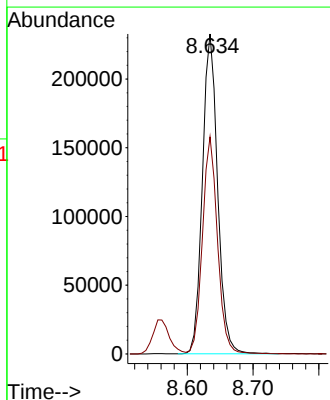
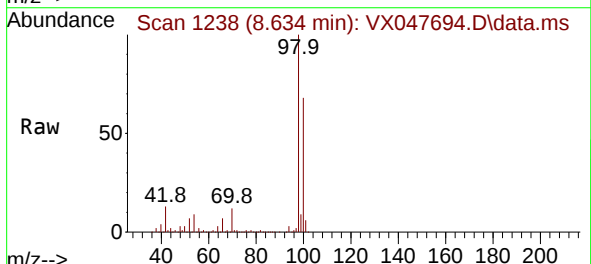
Manual Integrations
APPROVED

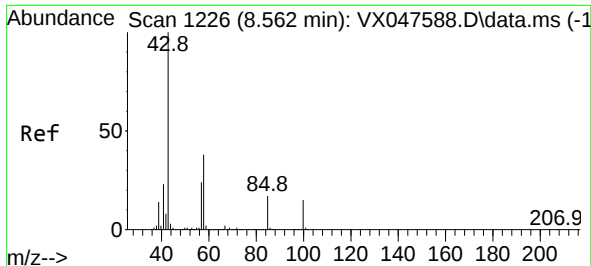
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#50
Toluene-d8
Concen: 54.267 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

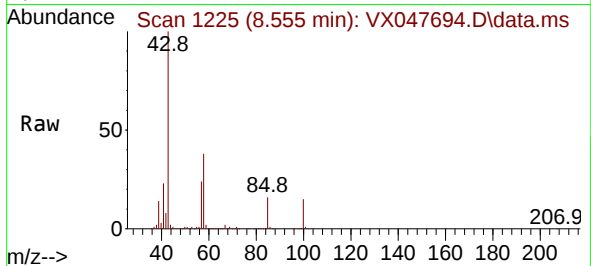
Tgt Ion: 98 Resp: 374743
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 107.275 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

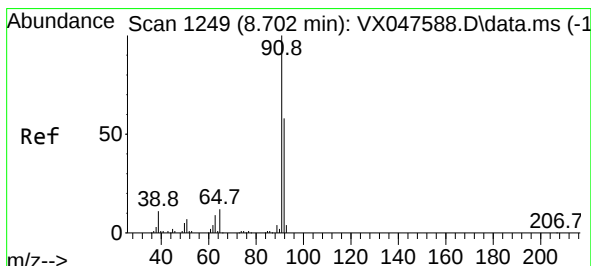
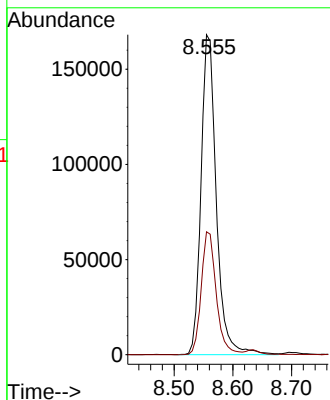
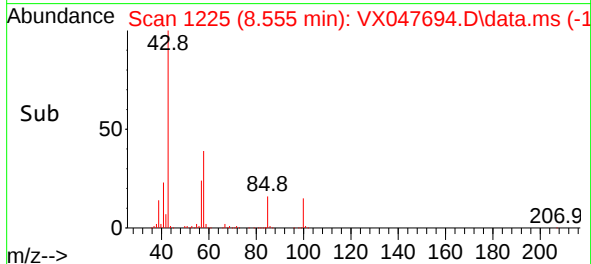
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 43 Resp: 30458
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5

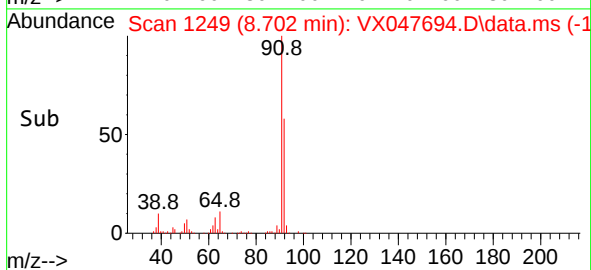
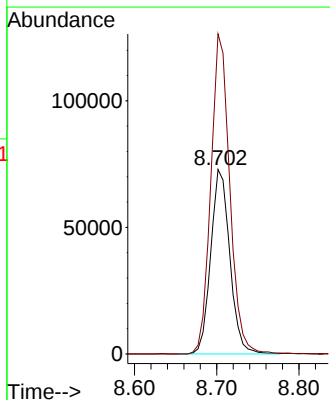
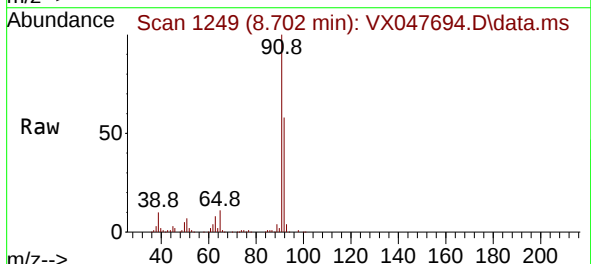
Manual Integrations
APPROVED

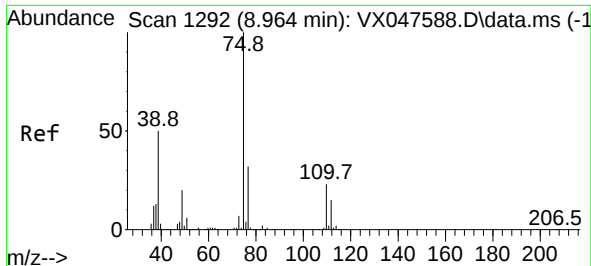
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#52
Toluene
Concen: 21.550 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion: 92 Resp: 117596
Ion Ratio Lower Upper
92 100
91 172.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 21.146 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBSD01

Tgt Ion: 75 Resp: 73459

Ion Ratio Lower Upper

75 100

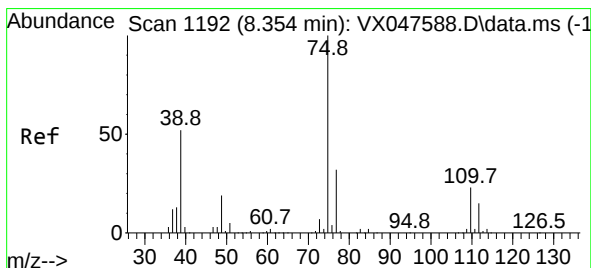
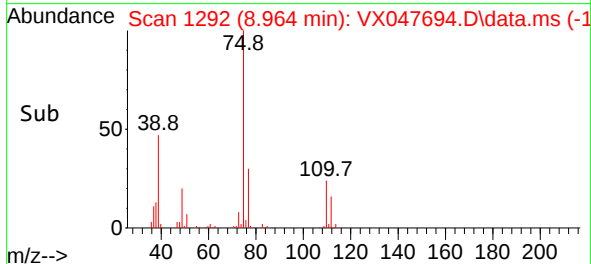
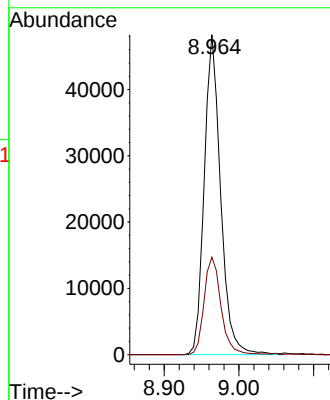
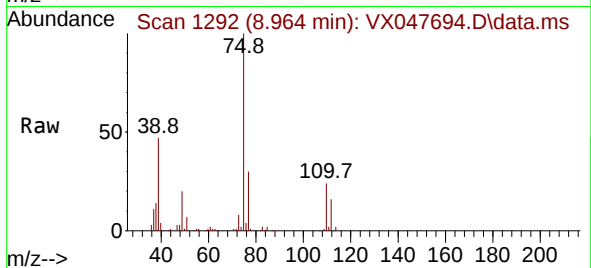
77 30.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#54

cis-1,3-Dichloropropene

Concen: 21.255 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

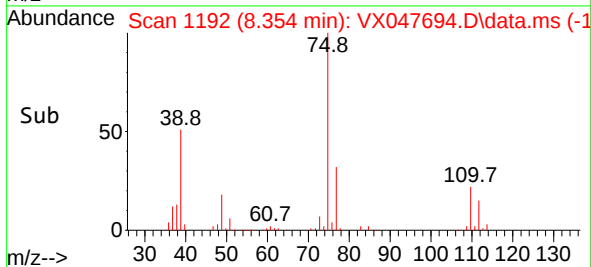
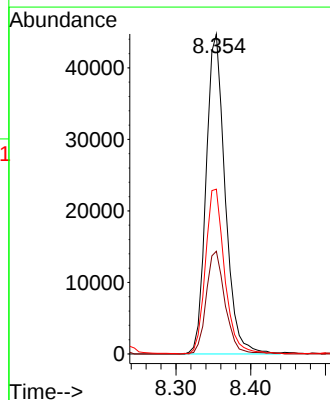
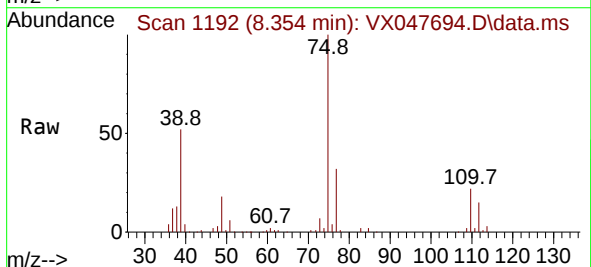
Tgt Ion: 75 Resp: 78923

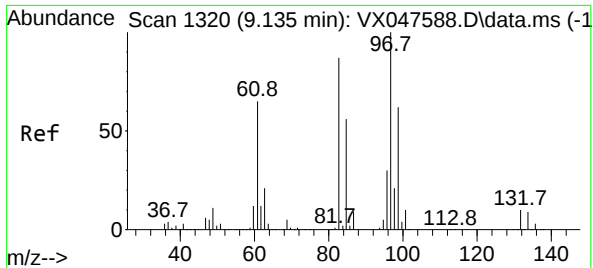
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

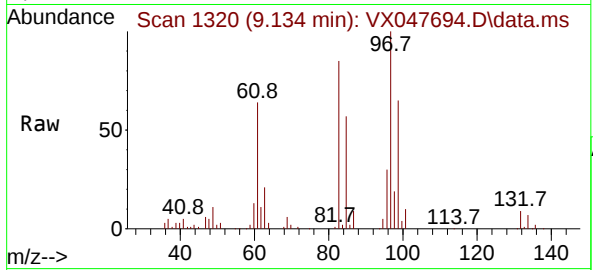
39 50.0 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 21.846 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

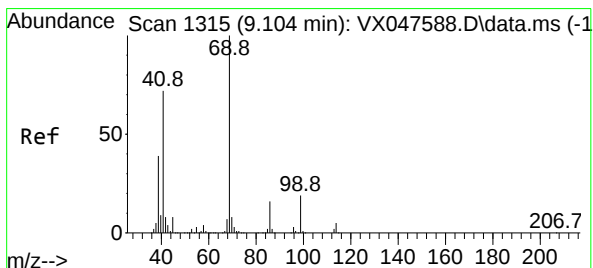
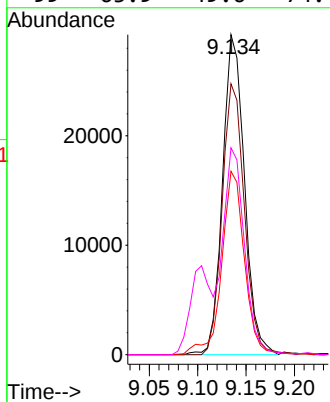
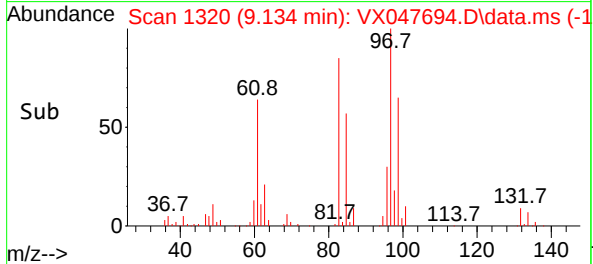
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.6	104.4
85	57.1	45.0	67.6
99	63.9	49.6	74.4

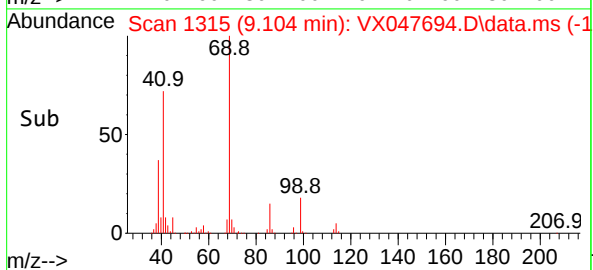
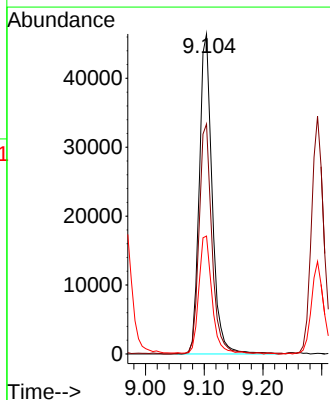
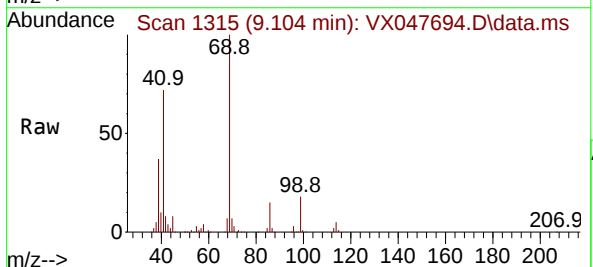
Manual Integrations
APPROVED

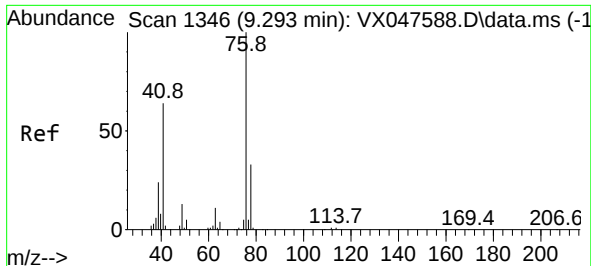
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#56
Ethyl methacrylate
Concen: 21.438 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.8	58.6	87.8
39	38.2	31.5	47.3





#57

1,3-Dichloropropane

Concen: 22.235 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. -0.000 min

Lab File: VX047694.D

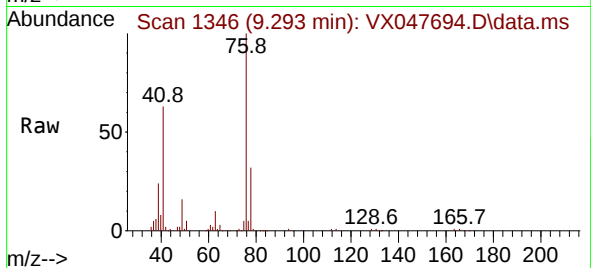
Acq: 22 Sep 2025 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBSD01



Tgt Ion: 76 Resp: 80370

Ion Ratio Lower Upper

76 100

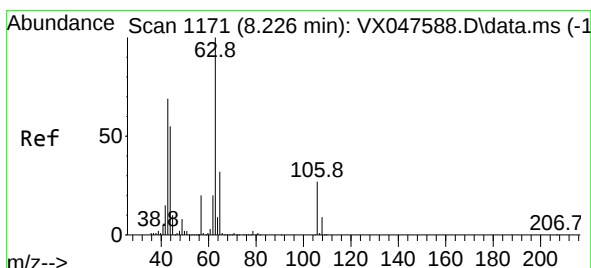
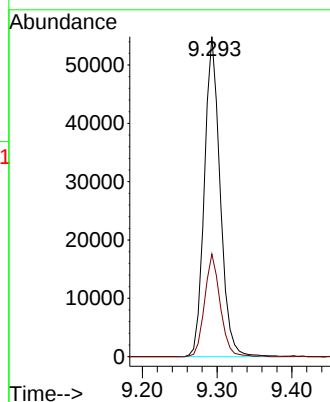
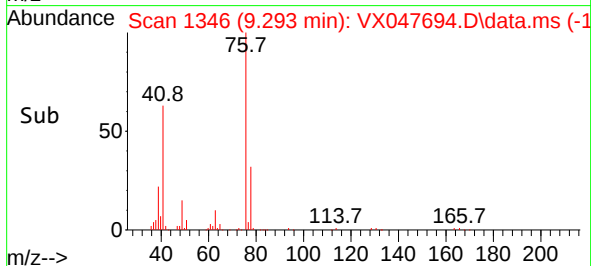
78 31.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 98.172 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047694.D

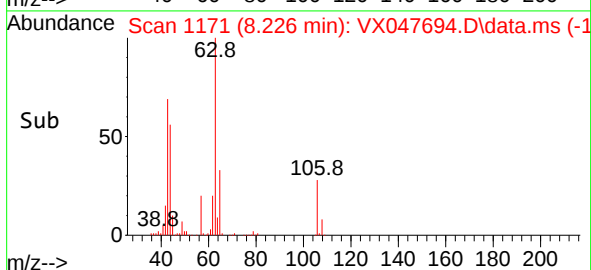
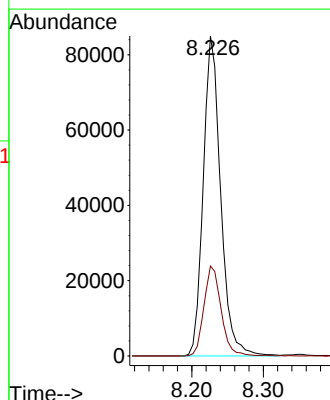
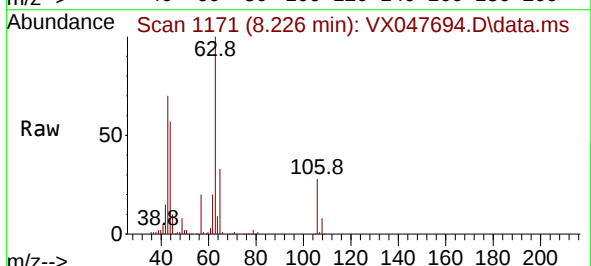
Acq: 22 Sep 2025 11:42

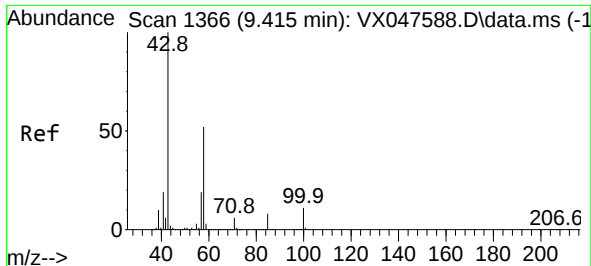
Tgt Ion: 63 Resp: 143744

Ion Ratio Lower Upper

63 100

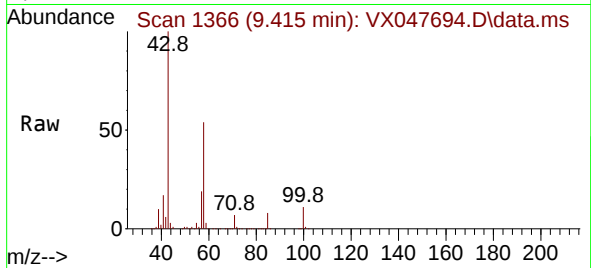
106 27.8 21.9 32.9





#59
2-Hexanone
Concen: 101.540 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

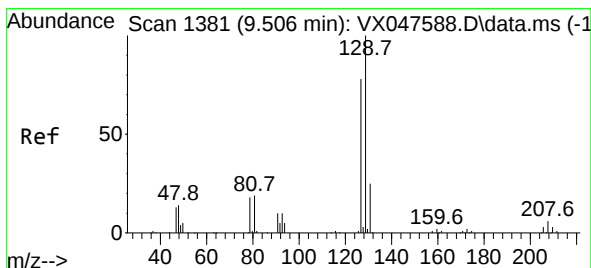
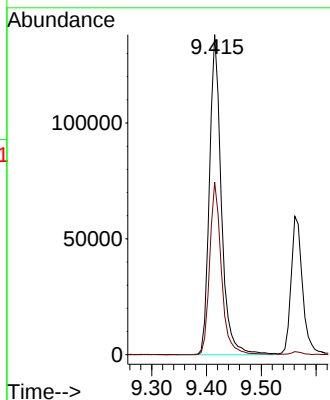
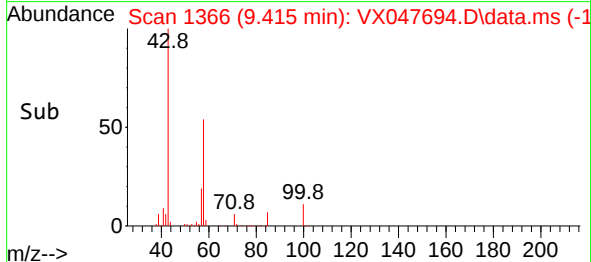
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 43 Resp: 207060
Ion Ratio Lower Upper
43 100
58 53.3 26.1 78.2

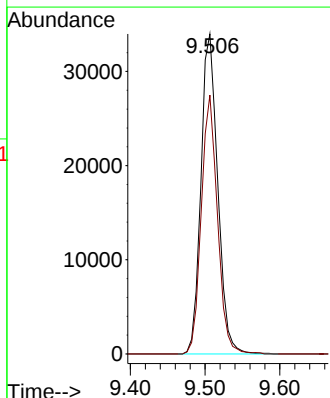
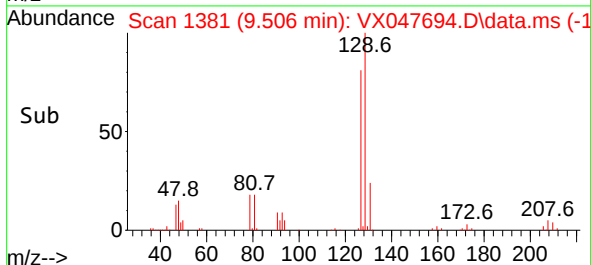
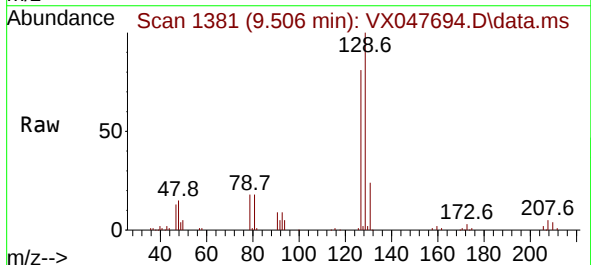
Manual Integrations
APPROVED

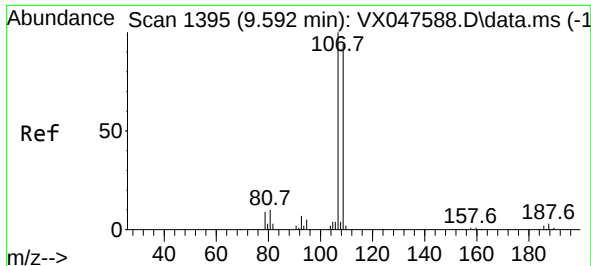
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#60
Dibromochloromethane
Concen: 21.849 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

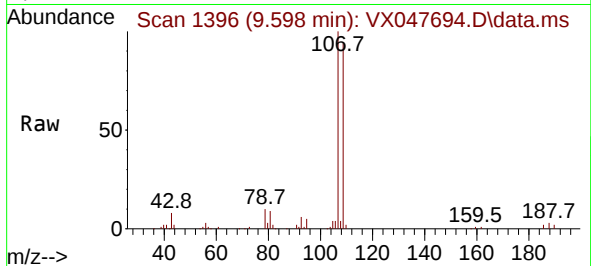
Tgt Ion:129 Resp: 52972
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2





#61
1,2-Dibromoethane
Concen: 22.078 ug/l
RT: 9.598 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

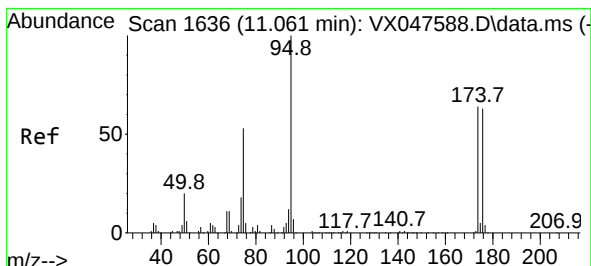
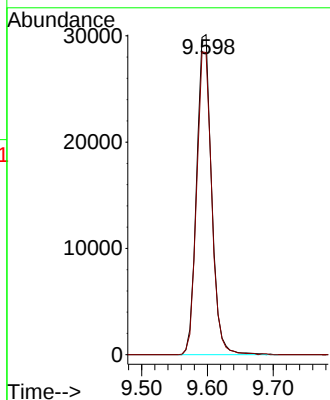
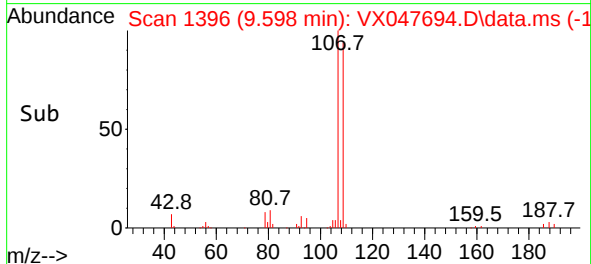
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



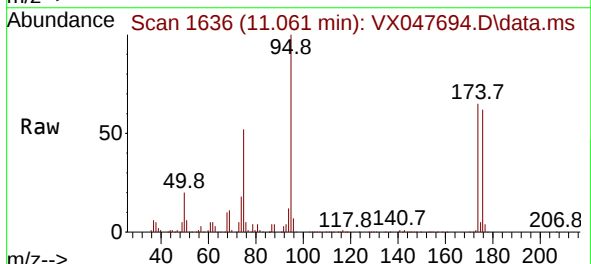
Tgt Ion:107 Resp: 47318
Ion Ratio Lower Upper
107 100
109 95.6 75.3 112.9

Manual Integrations
APPROVED

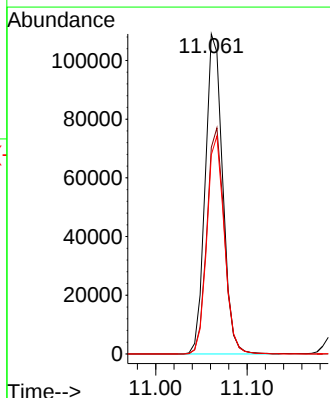
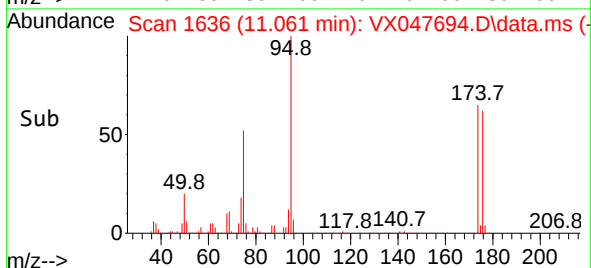
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

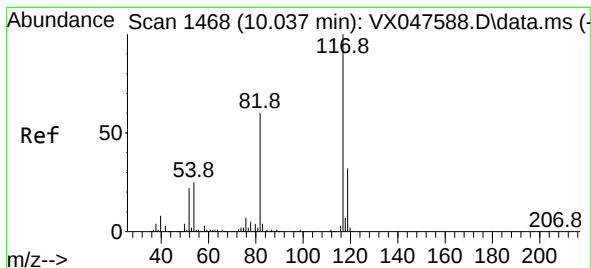


#62
4-Bromofluorobenzene
Concen: 54.788 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42



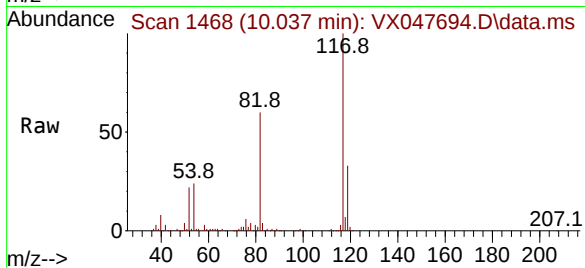
Tgt Ion: 95 Resp: 143588
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.6
176 68.3 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

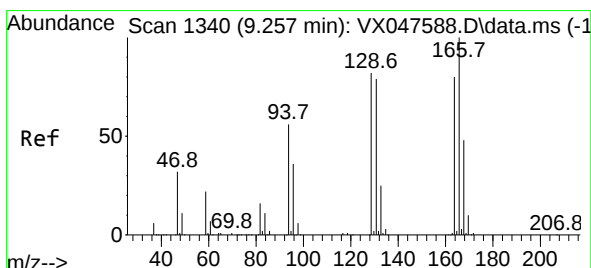
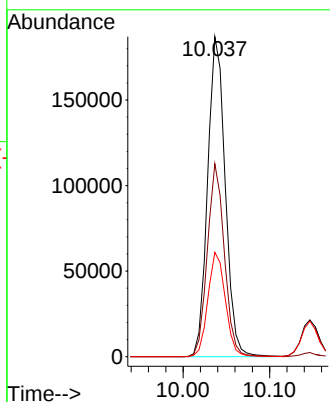
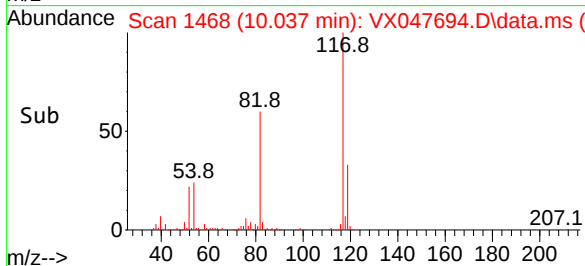
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



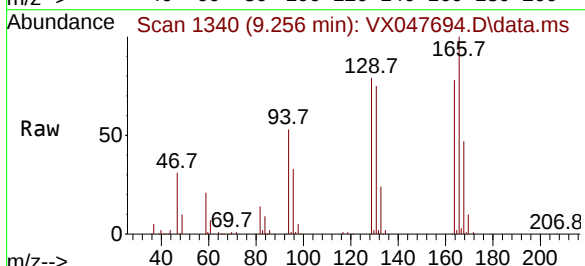
Tgt Ion:117 Resp: 263948
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.6
119 32.6 25.2 37.8

Manual Integrations
APPROVED

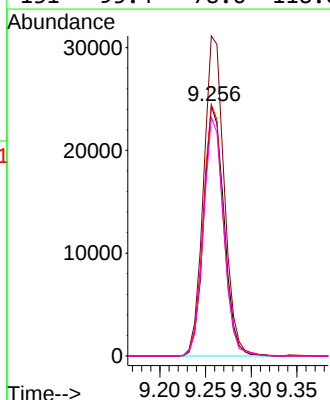
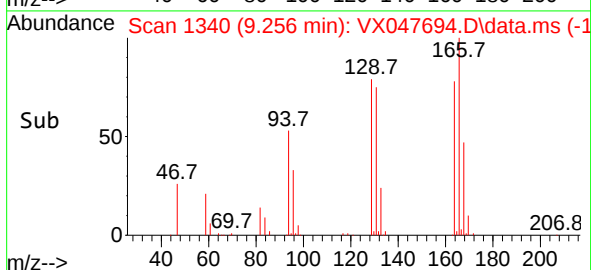
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

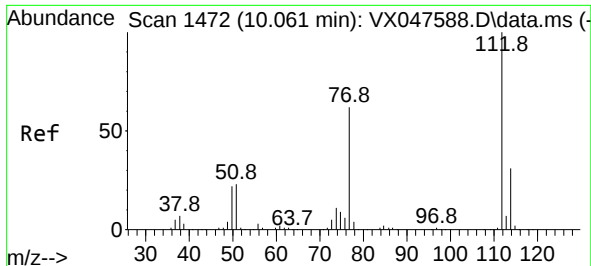


#64
Tetrachloroethene
Concen: 21.749 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42



Tgt Ion:164 Resp: 37422
Ion Ratio Lower Upper
164 100
166 127.8 100.2 150.2
129 100.4 81.8 122.6
131 95.4 78.6 118.0





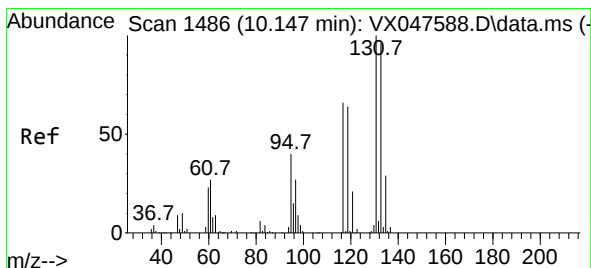
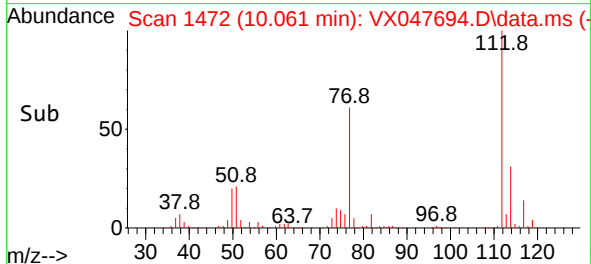
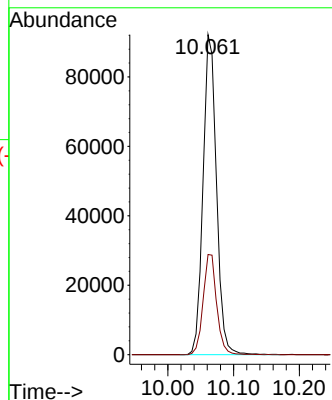
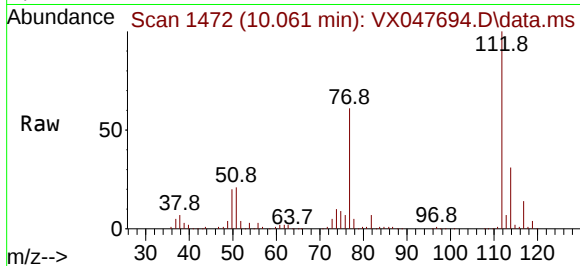
#65
Chlorobenzene
Concen: 21.820 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01

Tgt Ion:112 Resp: 13084
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7

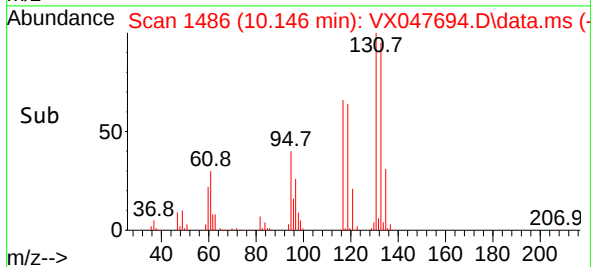
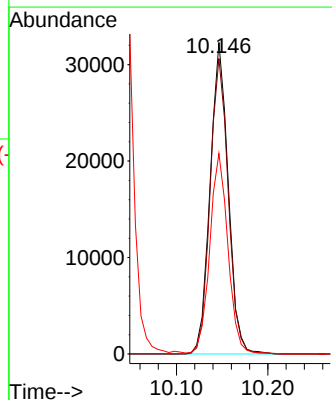
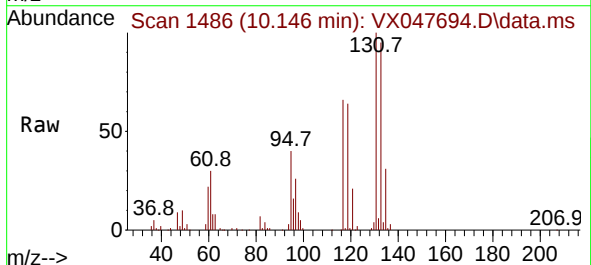
Manual Integrations
APPROVED

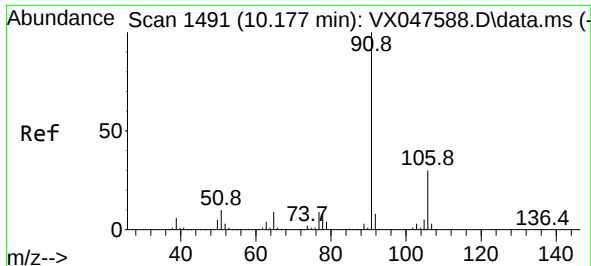
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.394 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

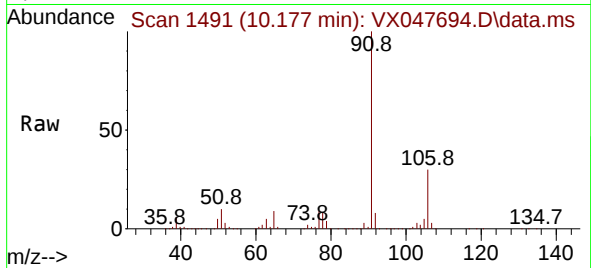
Tgt Ion:131 Resp: 44269
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 64.8 32.0 96.0





#67
Ethyl Benzene
Concen: 21.381 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

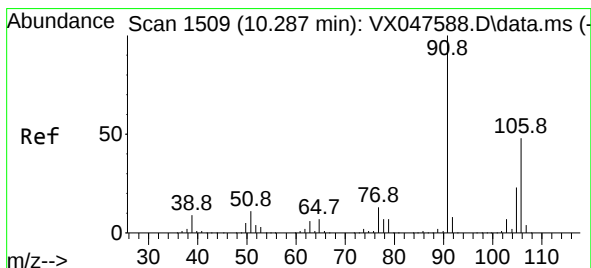
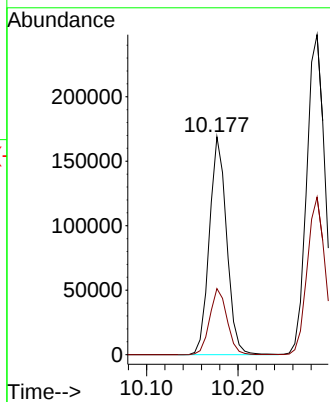
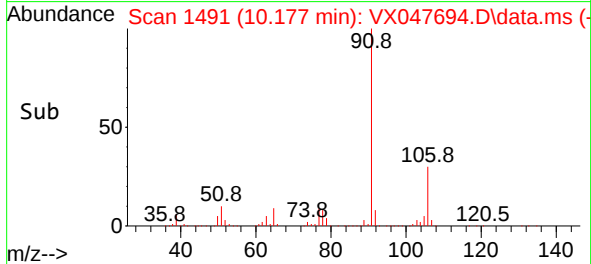
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 91 Resp: 221219
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

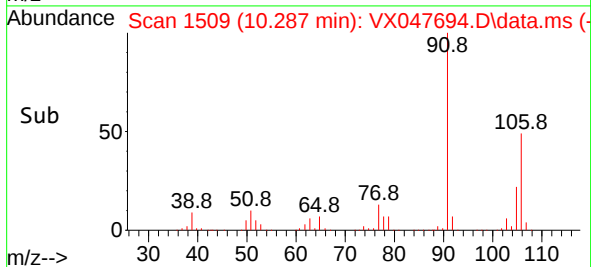
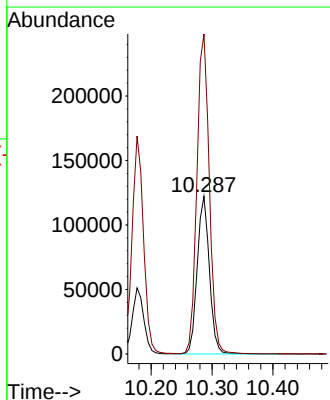
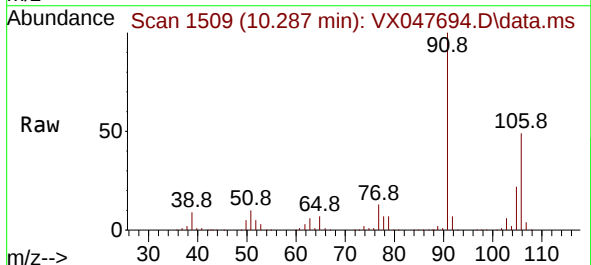
Manual Integrations
APPROVED

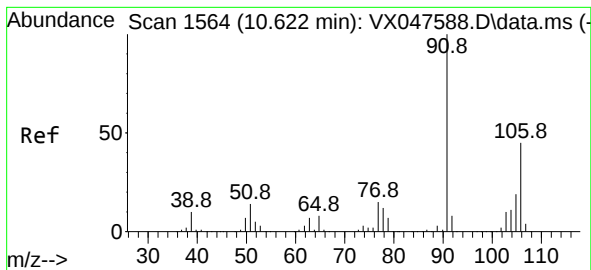
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#68
m/p-Xylenes
Concen: 43.967 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion:106 Resp: 169317
Ion Ratio Lower Upper
106 100
91 206.8 167.8 251.8





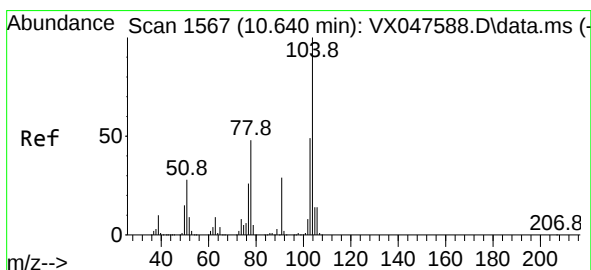
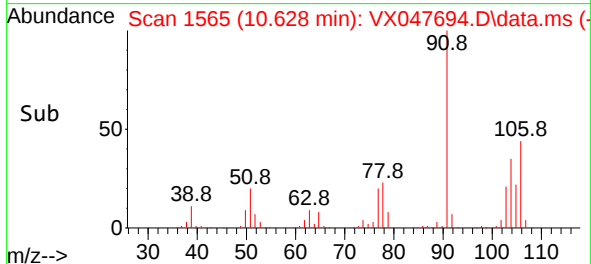
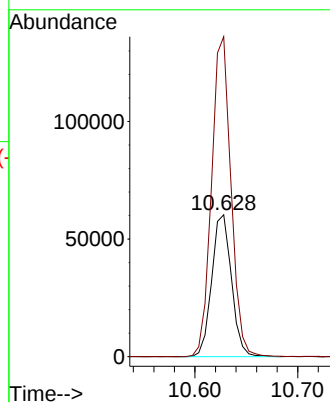
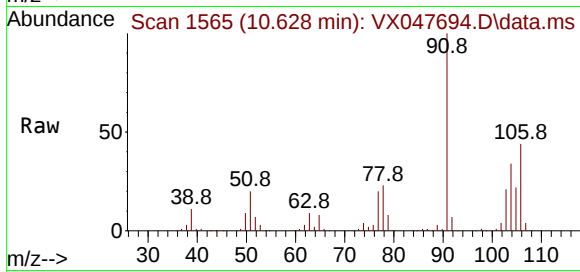
#69
o-Xylene
Concen: 21.641 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01

Tgt Ion:106 Resp: 80609
Ion Ratio Lower Upper
106 100
91 222.2 111.1 333.4

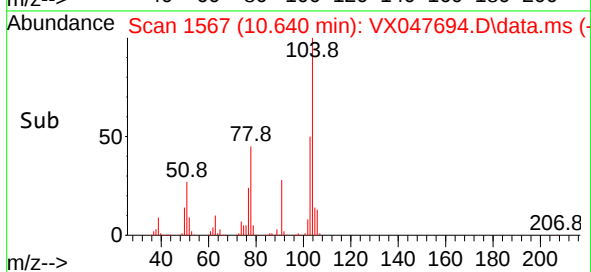
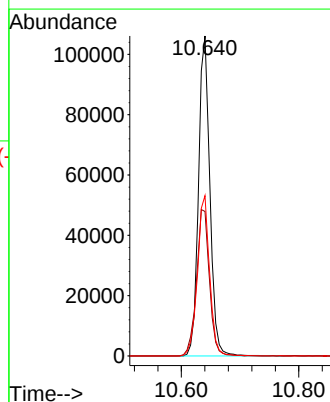
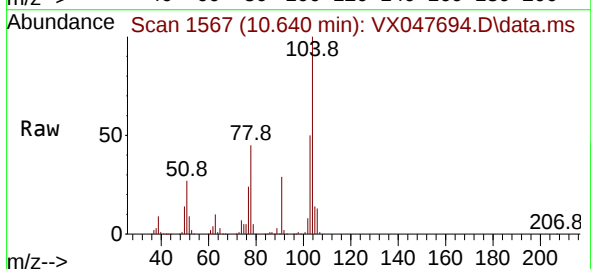
Manual Integrations
APPROVED

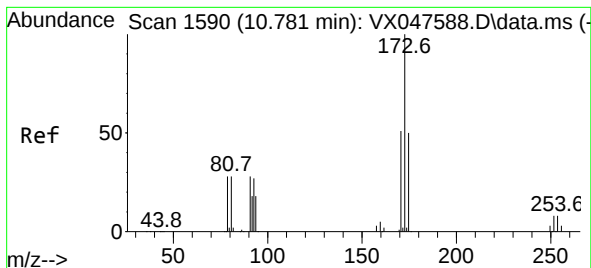
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#70
Styrene
Concen: 21.798 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion:104 Resp: 142264
Ion Ratio Lower Upper
104 100
78 52.0 43.1 64.7
103 53.8 43.1 64.7





#71

Bromoform

Concen: 21.592 ug/l

RT: 10.787 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBSD01

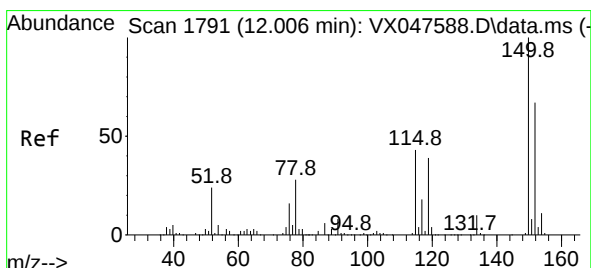
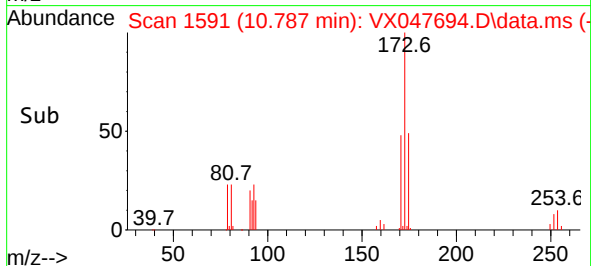
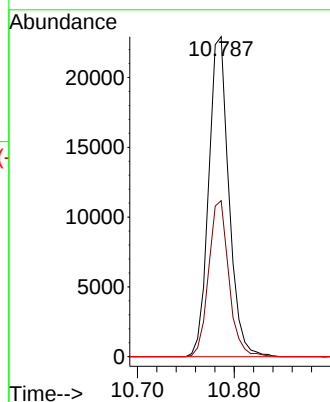
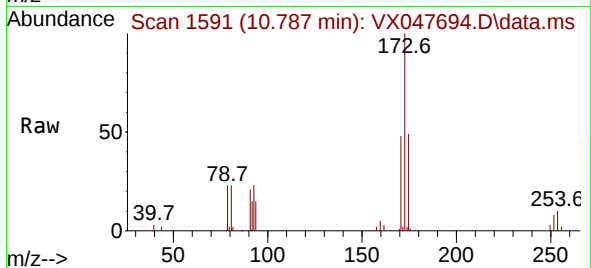
Tgt Ion:173	Resp:	3336
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.9 74.6
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

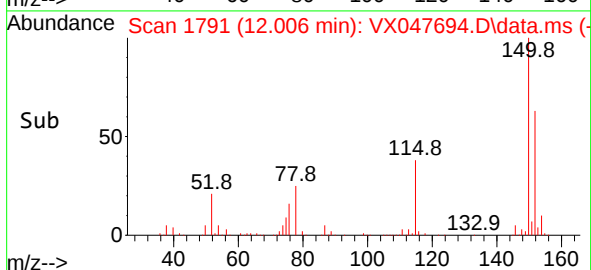
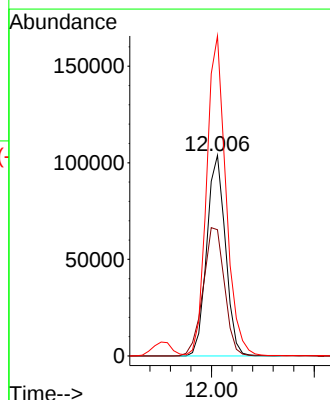
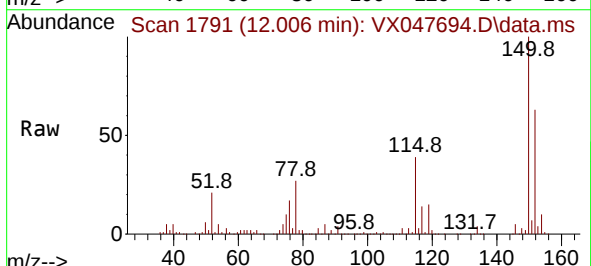
RT: 12.006 min Scan# 1791

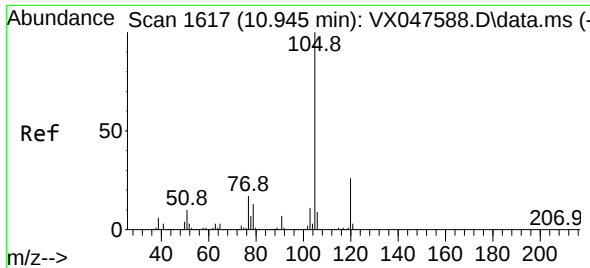
Delta R.T. -0.000 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

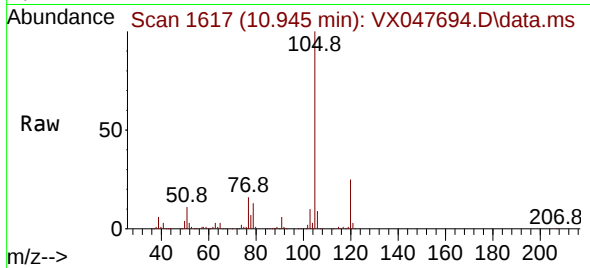
Tgt Ion:152	Resp:	130786
Ion Ratio	Lower	Upper
152	100	
115	73.3	44.9 134.5
150	164.8	0.0 352.0





#73
Isopropylbenzene
Concen: 20.974 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

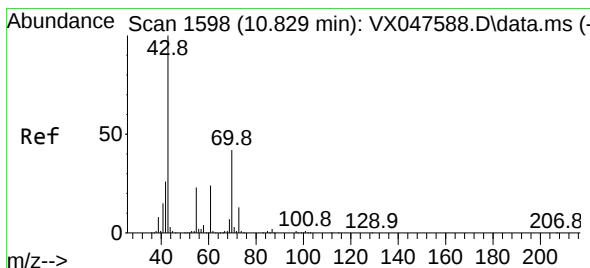
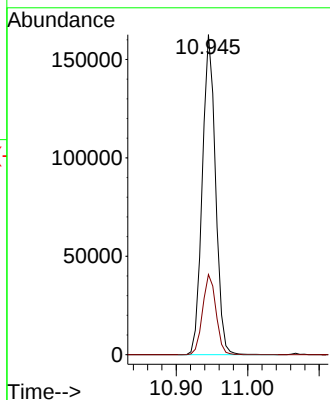
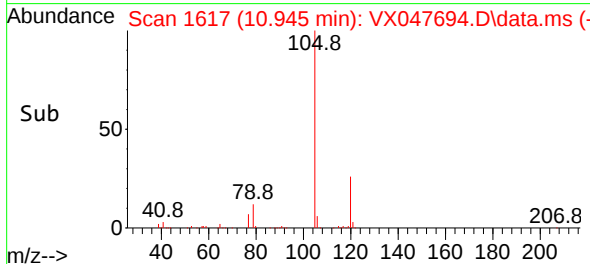
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 105 Resp: 208549
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4

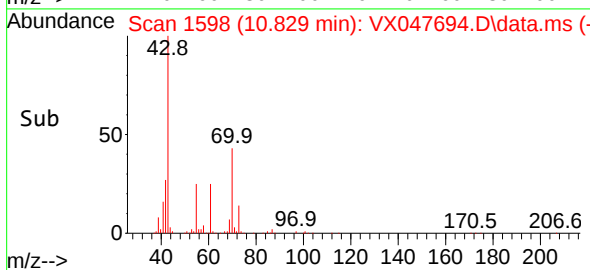
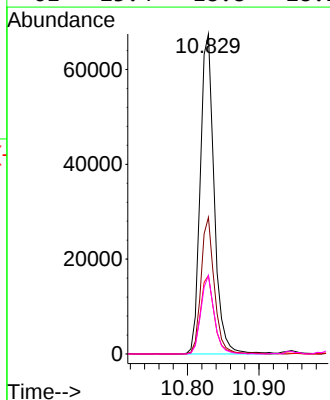
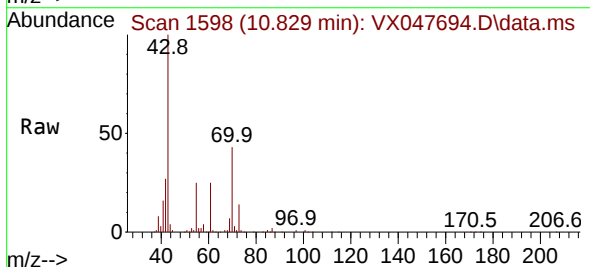
Manual Integrations
APPROVED

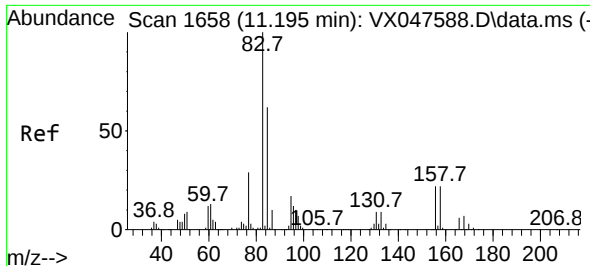
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#74
N-ethyl acetate
Concen: 20.137 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

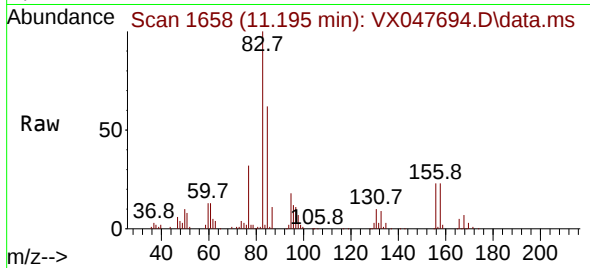
Tgt Ion: 43 Resp: 91306
Ion Ratio Lower Upper
43 100
70 40.8 32.0 48.0
55 24.3 18.9 28.3
61 23.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.129 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

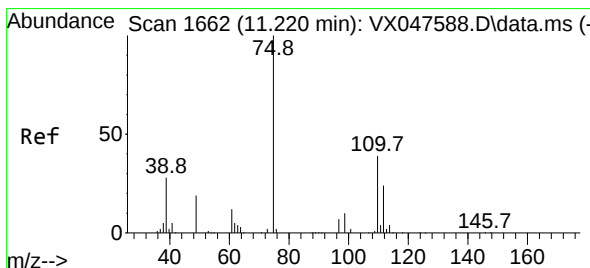
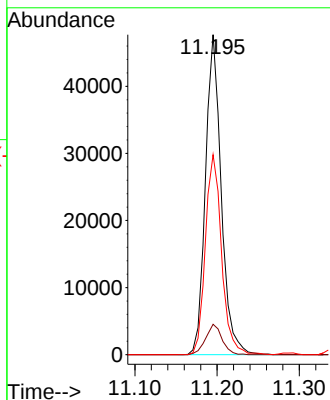
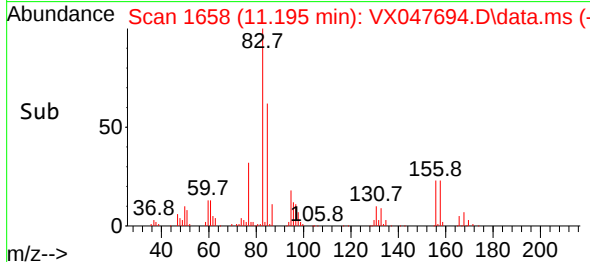
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion: 83 Resp: 63562
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.4 31.6 95.0

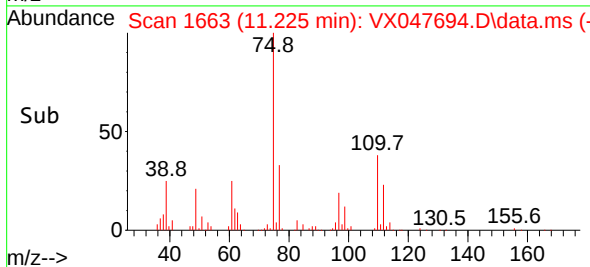
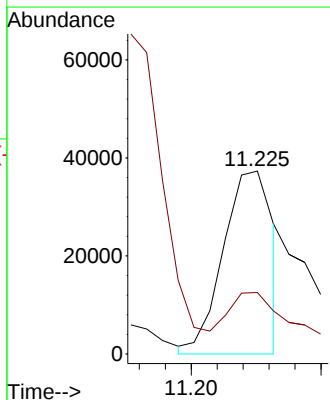
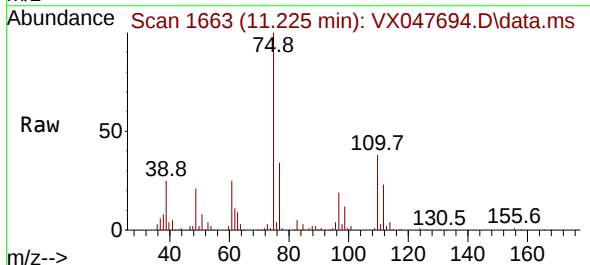
Manual Integrations
APPROVED

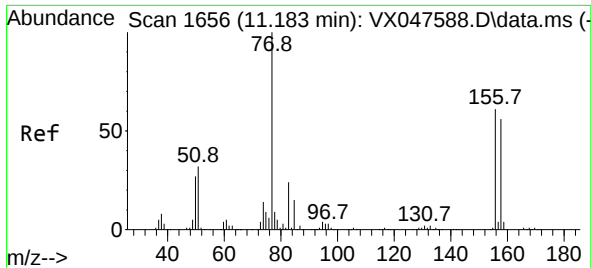
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#76
1,2,3-Trichloropropane
Concen: 18.721 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion: 75 Resp: 49574
Ion Ratio Lower Upper
75 100
77 44.4 18.8 56.4





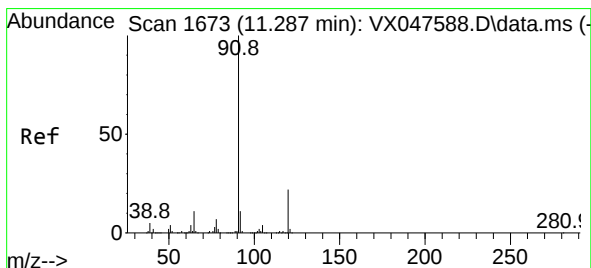
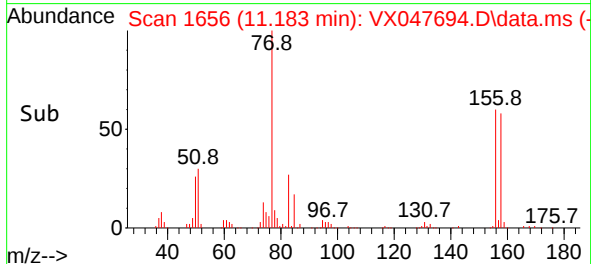
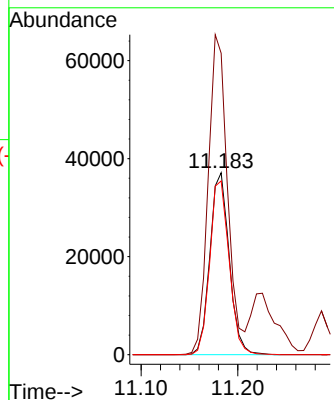
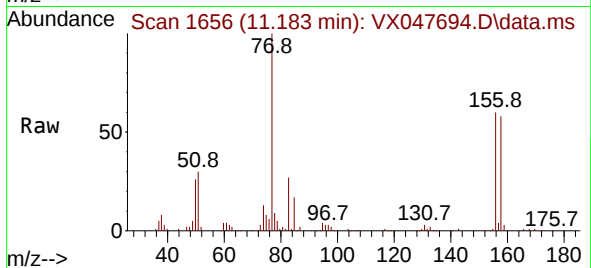
#77
Bromobenzene
Concen: 21.118 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01

Tgt Ion:156 Resp: 5171
Ion Ratio Lower Upper
156 100
77 175.9 89.7 269.1
158 95.7 47.9 143.6

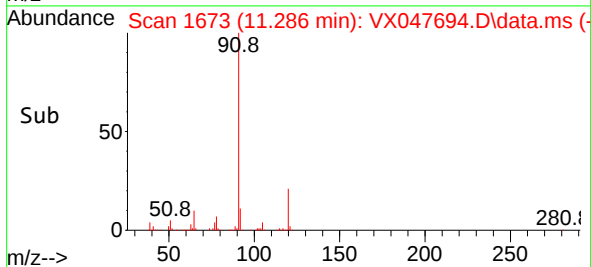
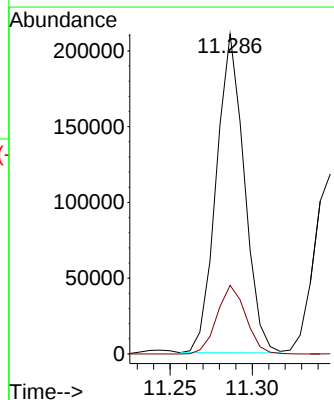
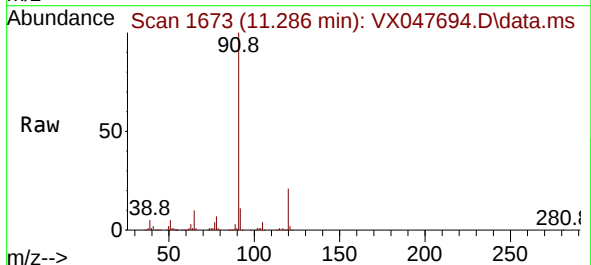
Manual Integrations
APPROVED

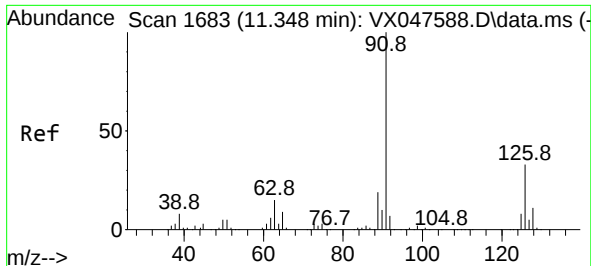
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#78
n-propylbenzene
Concen: 21.174 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion: 91 Resp: 248883
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1





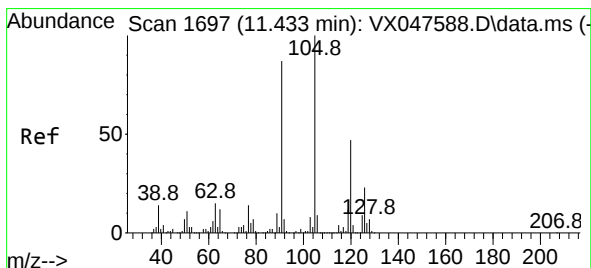
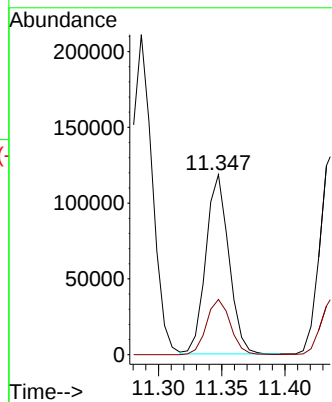
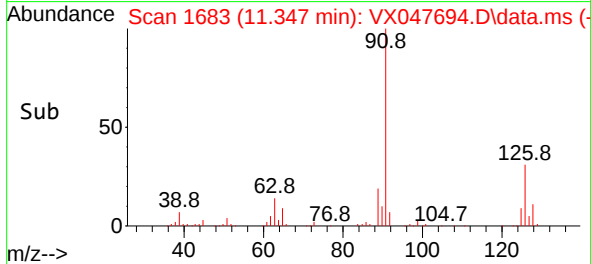
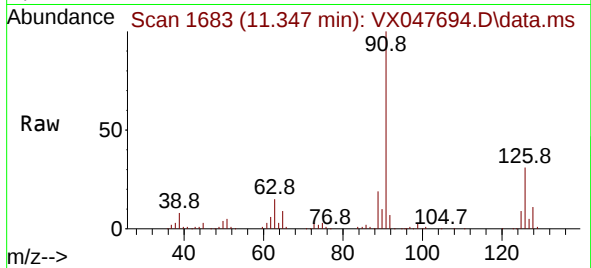
#79
2-Chlorotoluene
Concen: 20.833 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01

Tgt Ion: 91 Resp: 149980
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3

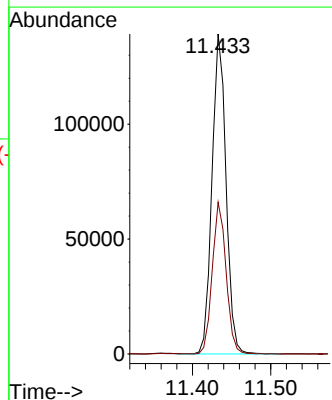
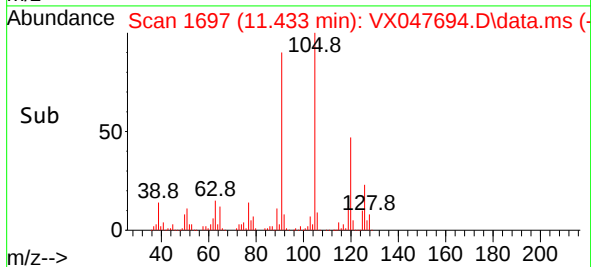
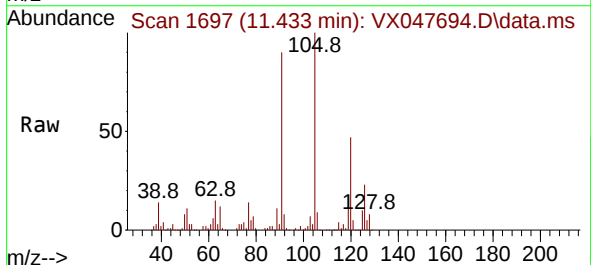
Manual Integrations
APPROVED

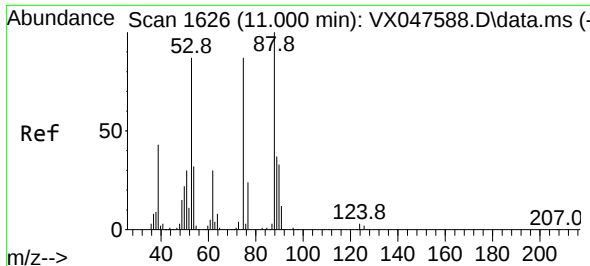
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.101 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

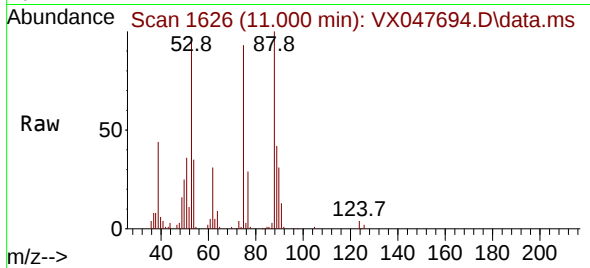
Tgt Ion:105 Resp: 172378
Ion Ratio Lower Upper
105 100
120 46.9 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.819 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

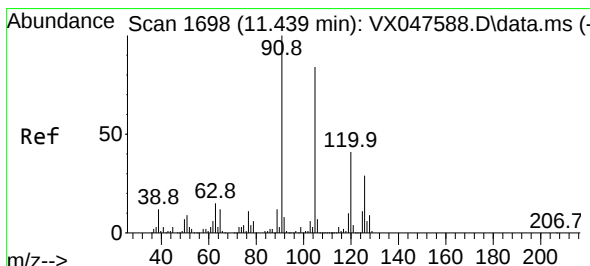
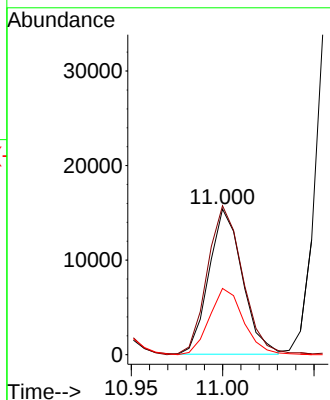
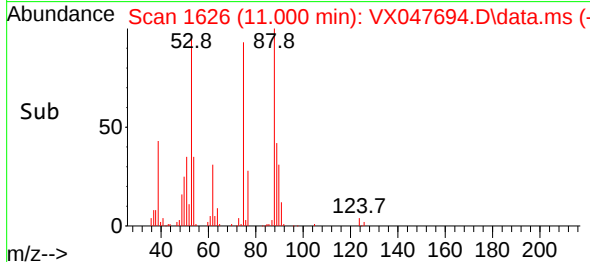
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



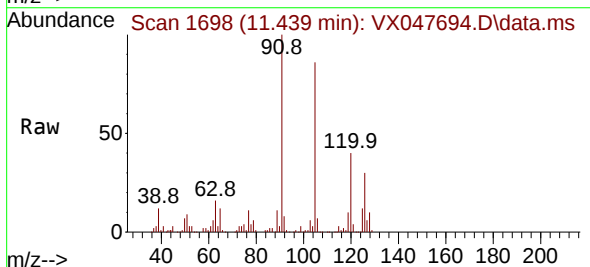
Tgt Ion: 75 Resp: 1954
Ion Ratio Lower Upper
75 100
53 108.8 83.4 125.2
89 46.8 36.3 54.5

Manual Integrations
APPROVED

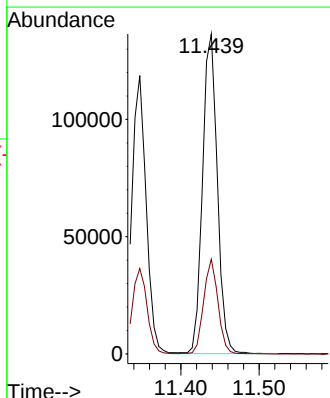
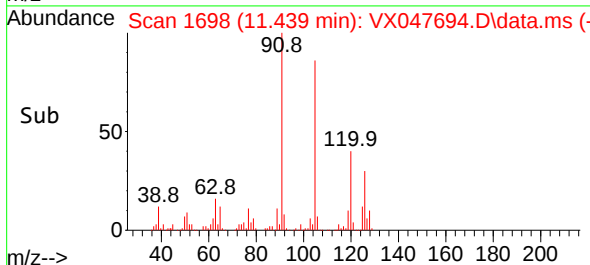
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

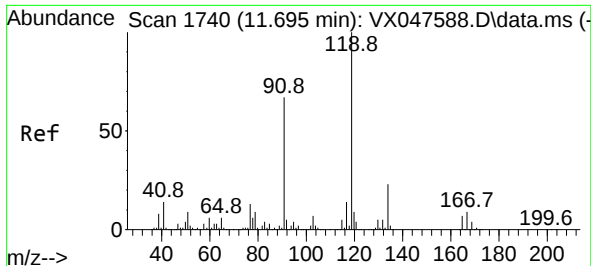


#82
4-Chlorotoluene
Concen: 20.961 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42



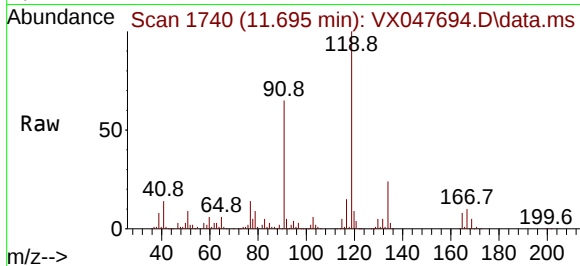
Tgt Ion: 91 Resp: 178218
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.410 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

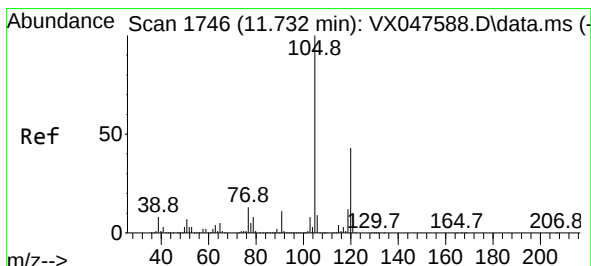
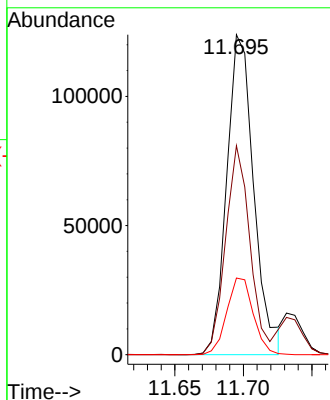
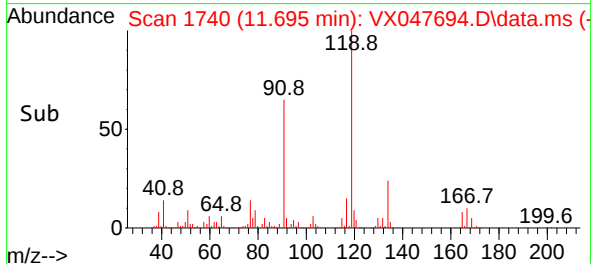
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



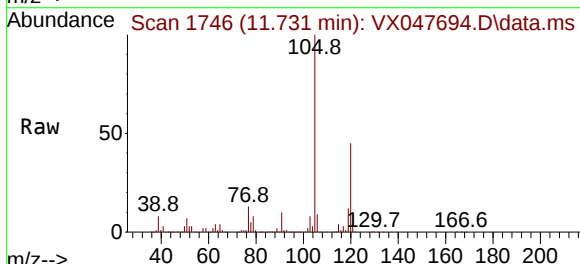
Tgt Ion:119 Resp: 170680
Ion Ratio Lower Upper
119 100
91 58.8 29.6 88.8
134 23.5 11.0 33.0

Manual Integrations
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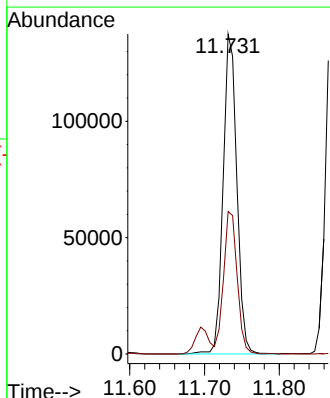
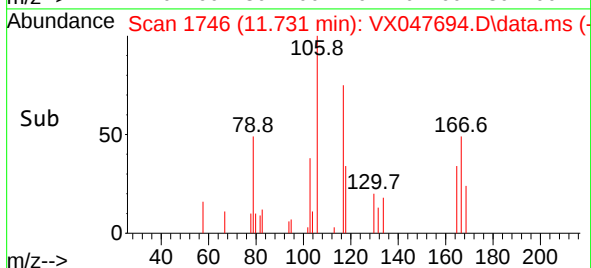
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

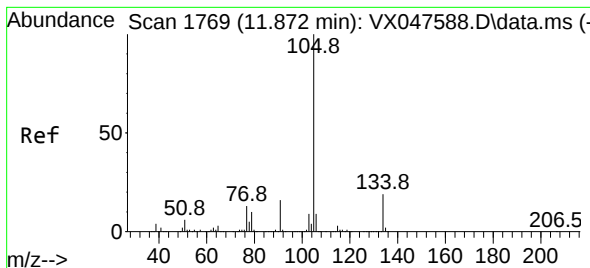


#84
1,2,4-Trimethylbenzene
Concen: 21.138 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42



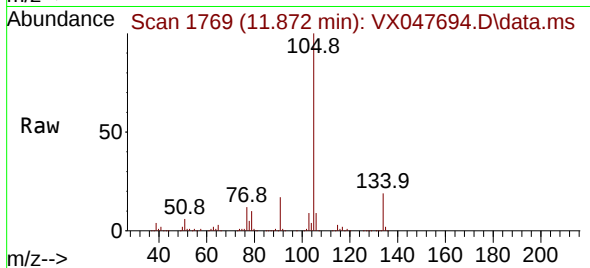
Tgt Ion:105 Resp: 175067
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 21.273 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047694.D
 Acq: 22 Sep 2025 11:42

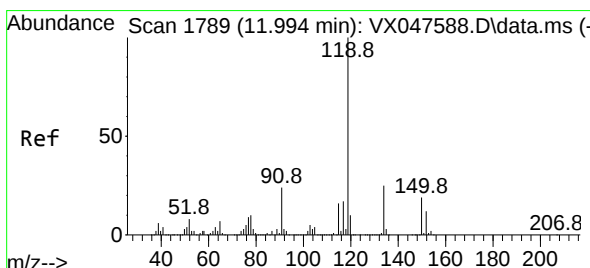
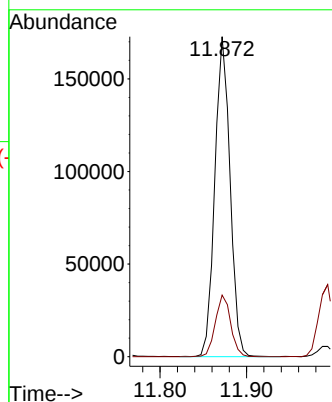
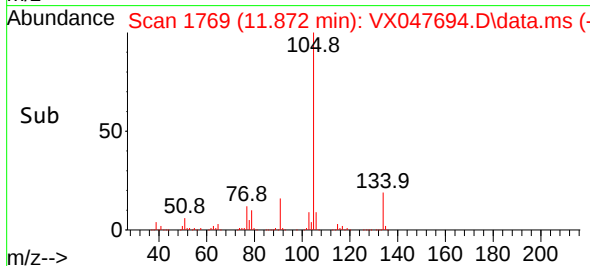
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBSD01



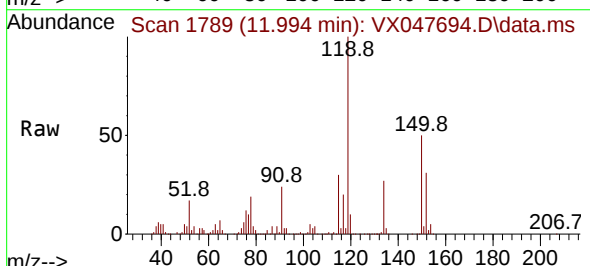
Tgt Ion:105 Resp: 211308
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.5

Manual Integrations
 APPROVED

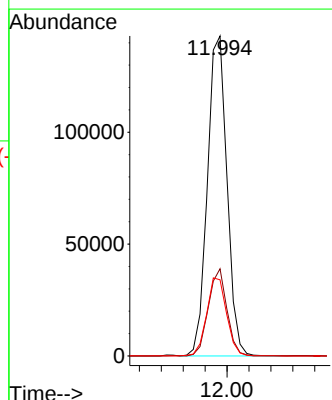
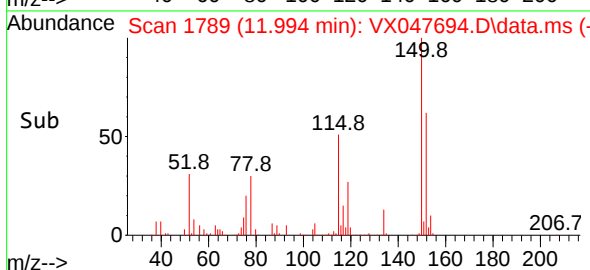
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

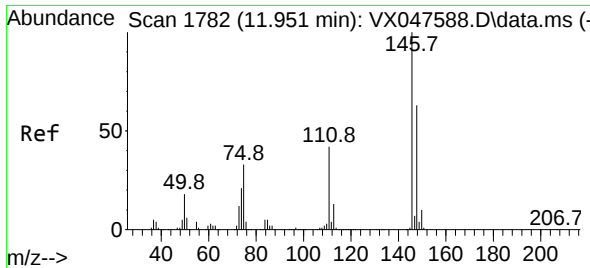


#86
 p-Isopropyltoluene
 Concen: 21.086 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX047694.D
 Acq: 22 Sep 2025 11:42



Tgt Ion:119 Resp: 177322
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.9 12.6 37.6





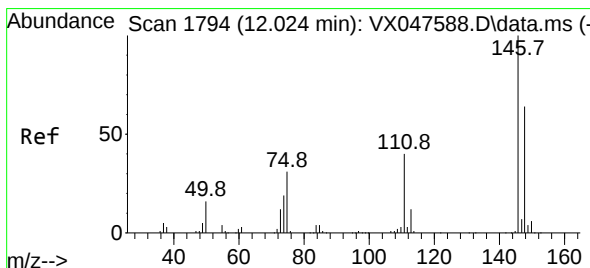
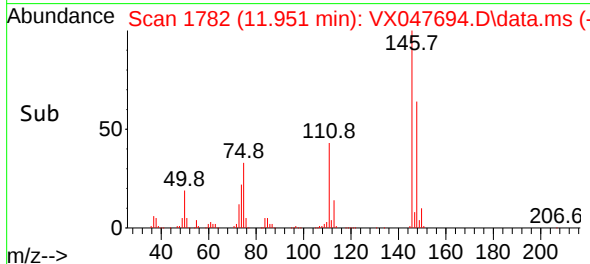
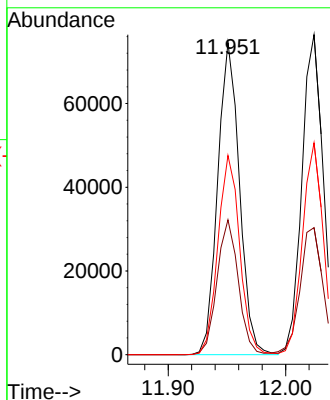
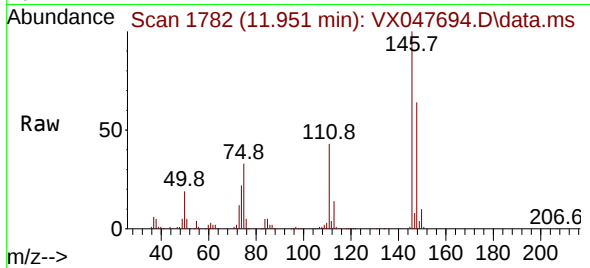
#87
1,3-Dichlorobenzene
Concen: 21.119 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01

Tgt Ion:146 Resp: 9606
Ion Ratio Lower Upper
146 100
111 42.3 21.5 64.5
148 64.1 32.0 96.0

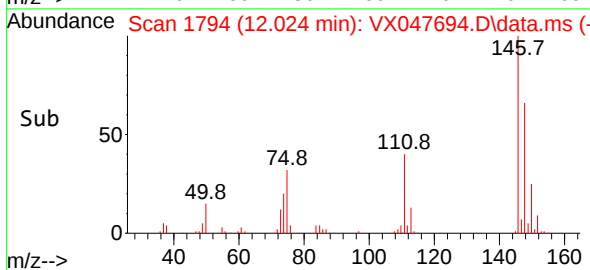
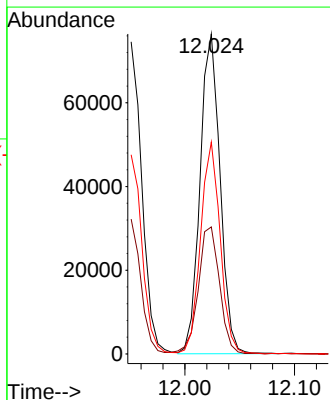
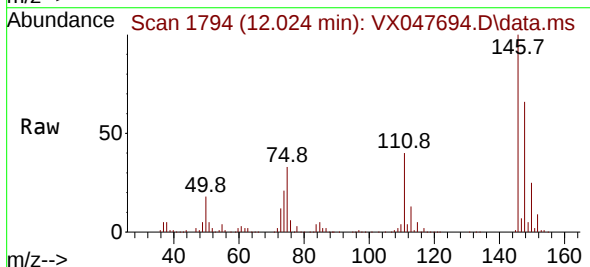
Manual Integrations
APPROVED

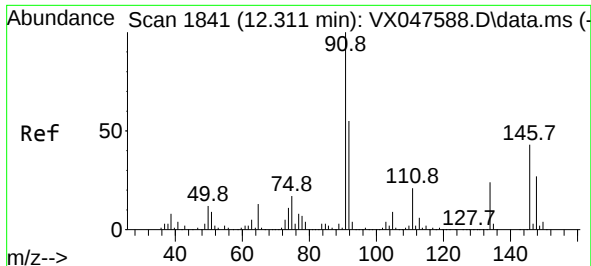
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#88
1,4-Dichlorobenzene
Concen: 20.749 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion:146 Resp: 96866
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.4
148 65.0 31.7 95.1





#89

n-Butylbenzene

Concen: 21.161 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBSD01

Tgt Ion: 91 Resp: 164659

Ion Ratio Lower Upper

91 100

92 54.4 27.6 82.7

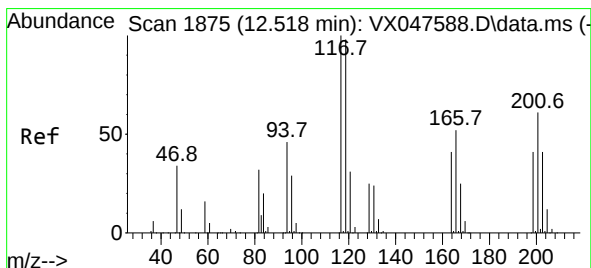
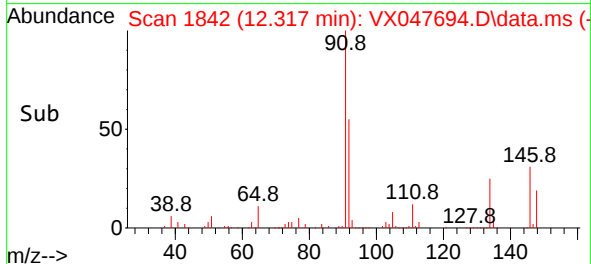
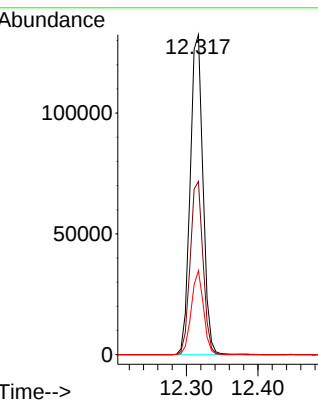
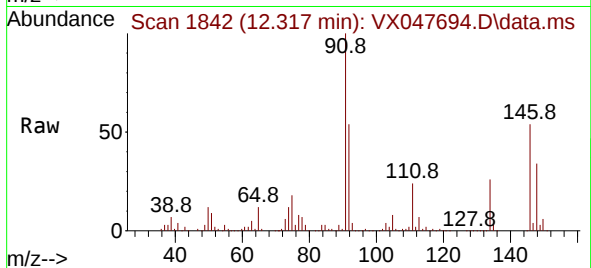
134 25.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#90

Hexachloroethane

Concen: 20.909 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047694.D

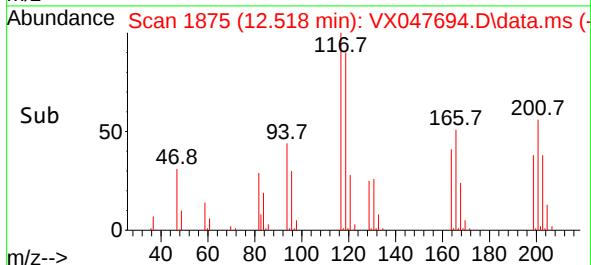
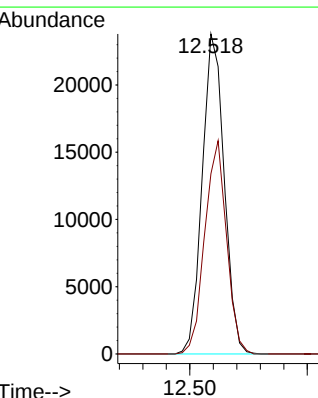
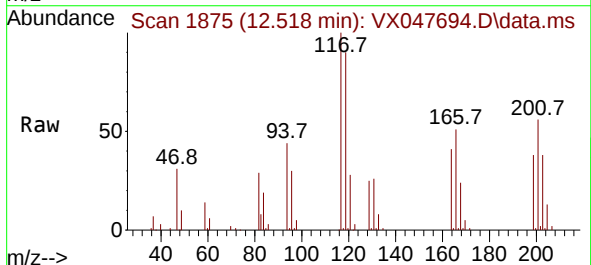
Acq: 22 Sep 2025 11:42

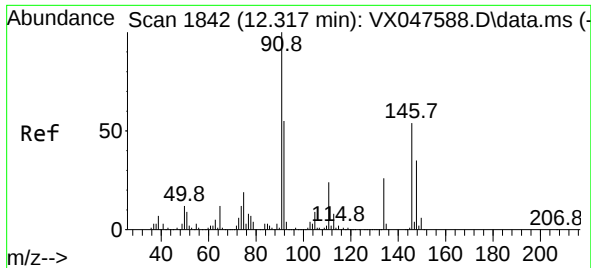
Tgt Ion:117 Resp: 30871

Ion Ratio Lower Upper

117 100

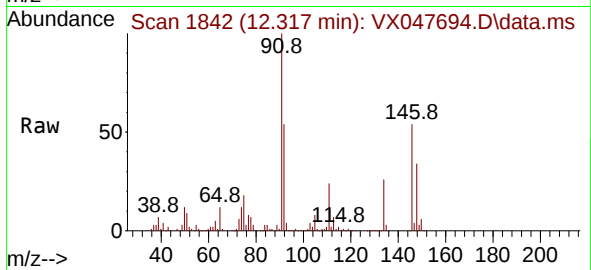
201 66.1 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 21.140 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

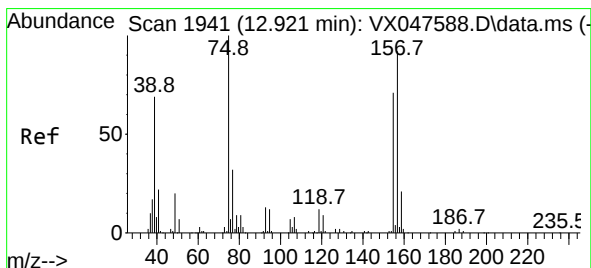
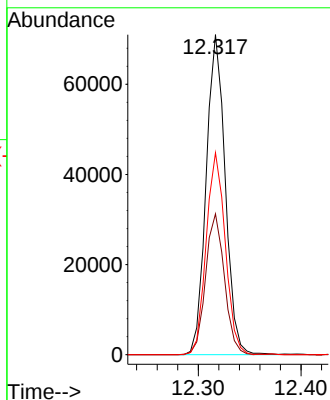
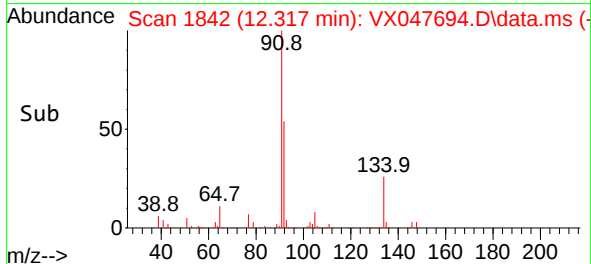
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



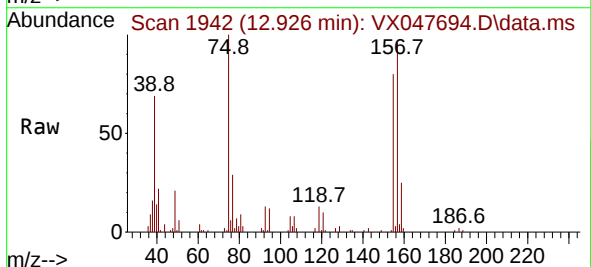
Tgt Ion:146 Resp: 91612
Ion Ratio Lower Upper
146 100
111 43.8 22.2 66.6
148 63.3 31.8 95.4

Manual Integrations
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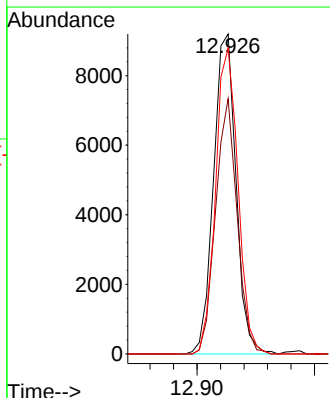
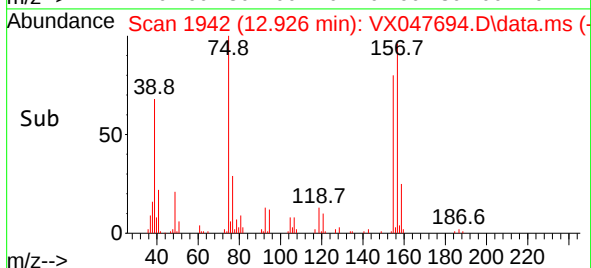
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

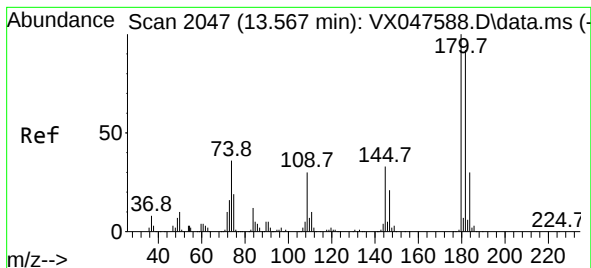


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.036 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42



Tgt Ion: 75 Resp: 12203
Ion Ratio Lower Upper
75 100
155 76.7 37.7 113.1
157 95.6 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 20.396 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBSD01

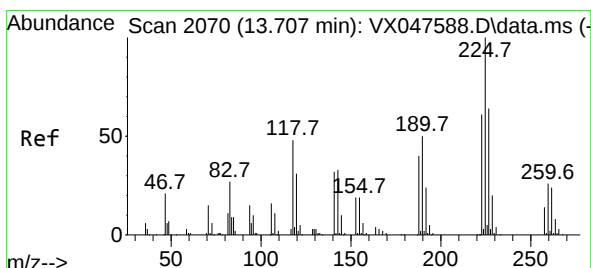
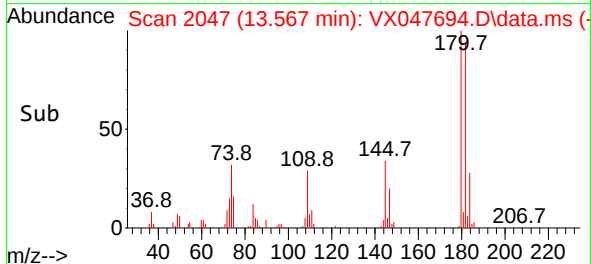
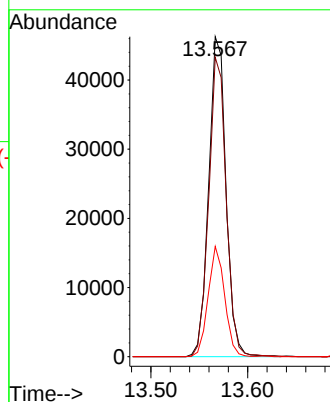
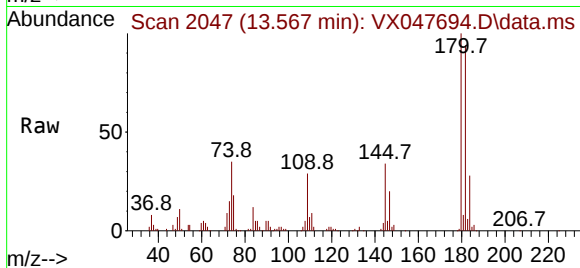
Tgt Ion:180	Resp:	5744
Ion Ratio	Lower	Upper
180	100	
182	94.5	46.6 139.8
145	33.0	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#94

Hexachlorobutadiene

Concen: 20.840 ug/l

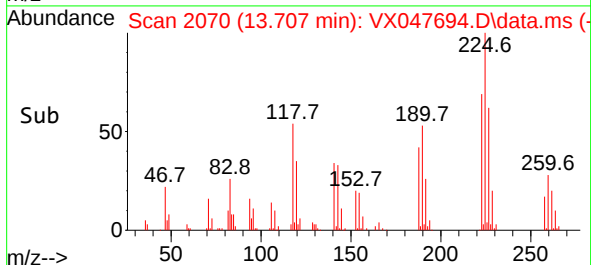
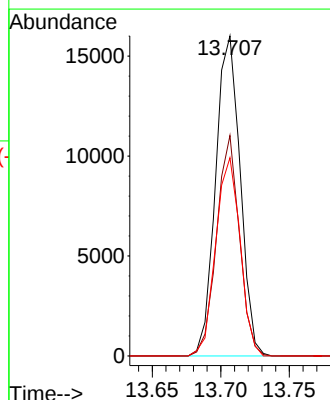
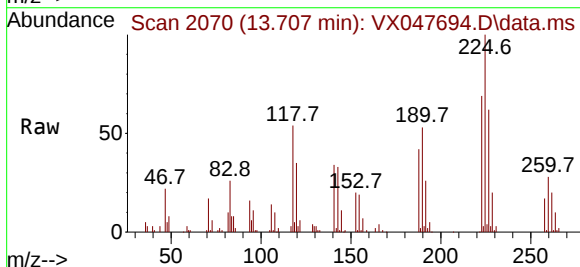
RT: 13.707 min Scan# 2070

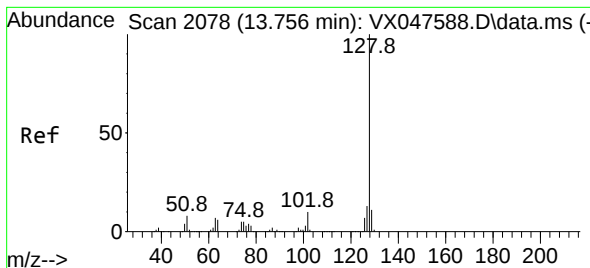
Delta R.T. -0.000 min

Lab File: VX047694.D

Acq: 22 Sep 2025 11:42

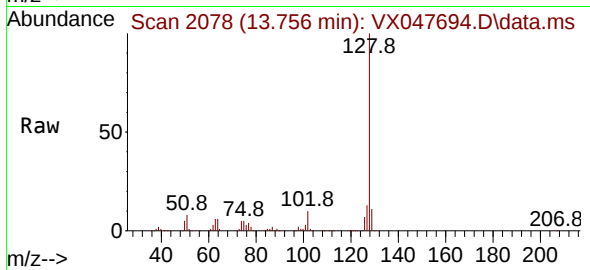
Tgt Ion:225	Resp:	19937
Ion Ratio	Lower	Upper
225	100	
223	63.9	31.7 95.1
227	61.6	32.0 96.0





#95
Naphthalene
Concen: 19.393 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

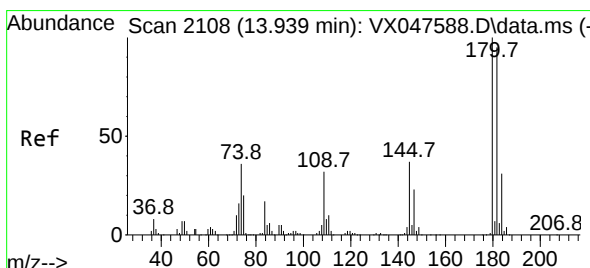
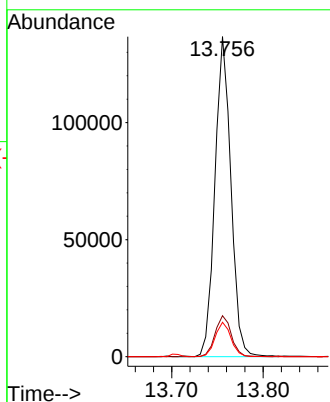
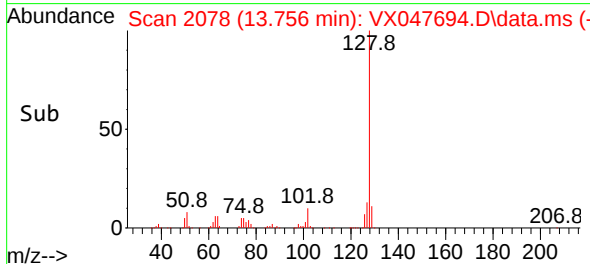
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBSD01



Tgt Ion:128 Resp: 166320
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.349 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047694.D
Acq: 22 Sep 2025 11:42

Tgt Ion:180 Resp: 53313
Ion Ratio Lower Upper
180 100
182 92.6 47.6 142.8
145 34.7 17.9 53.7

