

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048563.D
 Acq On : 12 Nov 2025 09:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 00:22:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2025
 Supervised By : Mahesh Dadoda 11/17/2025

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

Internal Standards						
1) Pentafluorobenzene	5.525	168	168053	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	278642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	108339	46.265	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.540%		
35) Dibromofluoromethane	5.361	113	91716	43.489	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.980%		
50) Toluene-d8	8.629	98	312401	47.496	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.000%		
62) 4-Bromofluorobenzene	11.061	95	117449	47.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	74953	55.042	ug/l	99
3) Chloromethane	1.301	50	88393	48.941	ug/l	98
4) Vinyl Chloride	1.380	62	103794	50.757	ug/l	98
5) Bromomethane	1.611	94	70626	54.695	ug/l	97
6) Chloroethane	1.691	64	64822	48.403	ug/l	100
7) Trichlorofluoromethane	1.892	101	159394	49.269	ug/l	97
8) Diethyl Ether	2.130	74	66616	51.298	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	94649	50.536	ug/l	99
10) Methyl Iodide	2.453	142	138090	49.820	ug/l	99
11) Tert butyl alcohol	2.934	59	113518	255.831	ug/l	98
12) 1,1-Dichloroethene	2.319	96	95236	48.681	ug/l	99
13) Acrolein	2.233	56	41256	642.610	ug/l	95
14) Allyl chloride	2.660	41	179011	49.147	ug/l	99
15) Acrylonitrile	3.050	53	351942	271.701	ug/l	100
16) Acetone	2.367	43	293921	265.165	ug/l	100
17) Carbon Disulfide	2.514	76	253355	46.022	ug/l	100
18) Methyl Acetate	2.691	43	157884	51.831	ug/l	96
19) Methyl tert-butyl Ether	3.099	73	358408	51.880	ug/l	98
20) Methylene Chloride	2.782	84	111767	49.045	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	100275	48.362	ug/l	98
22) Diisopropyl ether	3.739	45	362083	51.770	ug/l	87
23) Vinyl Acetate	3.703	43	1617560	264.071	ug/l	99
24) 1,1-Dichloroethane	3.599	63	191362	49.864	ug/l	100
25) 2-Butanone	4.526	43	432013	263.462	ug/l	99
26) 2,2-Dichloropropane	4.459	77	158830	48.547	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	123664	48.793	ug/l	98
28) Bromochloromethane	4.879	49	83297	44.183	ug/l	98
29) Tetrahydrofuran	4.971	42	295767	252.899	ug/l	99
30) Chloroform	5.074	83	193225	48.771	ug/l	99
31) Cyclohexane	5.452	56	153589	48.845	ug/l	96
32) 1,1,1-Trichloroethane	5.361	97	165870	47.973	ug/l	99
36) 1,1-Dichloropropene	5.672	75	128334	45.445	ug/l	99
37) Ethyl Acetate	4.684	43	195174	49.099	ug/l	98
38) Carbon Tetrachloride	5.660	117	147817	45.983	ug/l	96
39) Methylcyclohexane	7.360	83	156778	49.444	ug/l	98
40) Benzene	6.019	78	404835	46.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	88184	50.444	ug/l	97
42) 1,2-Dichloroethane	6.062	62	143217	47.751	ug/l	98
43) Isopropyl Acetate	6.312	43	271982	48.674	ug/l	100
44) Trichloroethene	7.104	130	103452	49.443	ug/l	99
45) 1,2-Dichloropropane	7.409	63	104157	51.749	ug/l	99
46) Dibromomethane	7.562	93	77897	53.063	ug/l	98
47) Bromodichloromethane	7.799	83	156711	53.510	ug/l	100
48) Methyl methacrylate	7.671	41	135482	54.542	ug/l	99
49) 1,4-Dioxane	7.635	88	42057	1111.159	ug/l	98
51) 4-Methyl-2-Pentanone	8.549	43	891859	280.392	ug/l	100
52) Toluene	8.696	92	250966	54.455	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	161238	53.431	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	173482	55.519	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	104564	56.788	ug/l	97
56) Ethyl methacrylate	9.098	69	177610	57.977	ug/l	99
57) 1,3-Dichloropropane	9.287	76	174367	54.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	469773	285.229	ug/l	100
59) 2-Hexanone	9.409	43	672635	284.289	ug/l	98
60) Dibromochloromethane	9.500	129	126810	56.093	ug/l	98
61) 1,2-Dibromoethane	9.592	107	112967	56.644	ug/l	100
64) Tetrachloroethene	9.256	164	87372	48.718	ug/l	94
65) Chlorobenzene	10.061	112	284935	48.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	102077	51.982	ug/l	99
67) Ethyl Benzene	10.177	91	482926	49.071	ug/l	98
68) m/p-Xylenes	10.281	106	371283	100.171	ug/l	98
69) o-Xylene	10.622	106	177381	48.914	ug/l	99
70) Styrene	10.634	104	308822	50.766	ug/l	99
71) Bromoform	10.781	173	91596	50.559	ug/l #	99
73) Isopropylbenzene	10.945	105	459039	51.044	ug/l	100
74) N-amyl acetate	10.823	43	227306	50.339	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	158775	50.065	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	133797m	44.826	ug/l	
77) Bromobenzene	11.177	156	117077	50.417	ug/l	100
78) n-propylbenzene	11.287	91	539641	51.033	ug/l	99
79) 2-Chlorotoluene	11.348	91	317700	49.720	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	372484	50.808	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	56132	53.791	ug/l #	91
82) 4-Chlorotoluene	11.433	91	377673	50.388	ug/l	99
83) tert-Butylbenzene	11.695	119	389804	51.407	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	379754	51.339	ug/l	100
85) sec-Butylbenzene	11.872	105	470949	50.251	ug/l	100
86) p-Isopropyltoluene	11.988	119	398406	50.565	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	215145	49.432	ug/l	100
88) 1,4-Dichlorobenzene	12.018	146	217566	48.395	ug/l	99
89) n-Butylbenzene	12.311	91	374090	50.611	ug/l	100
90) Hexachloroethane	12.518	117	73049	48.661	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	206667	49.463	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	36888	50.052	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	134042	48.278	ug/l	99
94) Hexachlorobutadiene	13.707	225	55783	48.062	ug/l	98
95) Naphthalene	13.756	128	467461	52.367	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	128487	49.753	ug/l	100

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ClientSampleId :
VSTDCCC050

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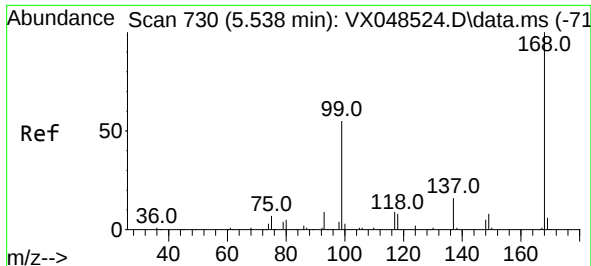
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

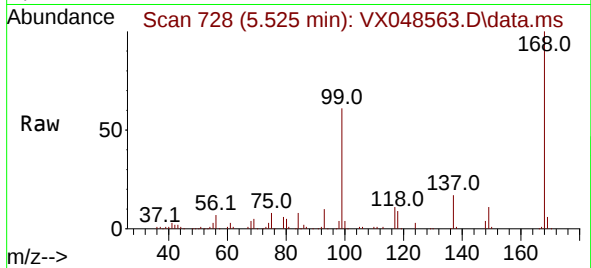
Quant Time: Nov 14 00:22:17 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

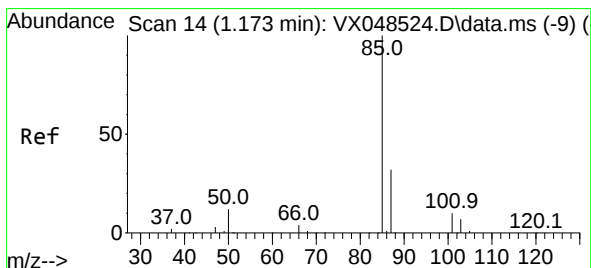
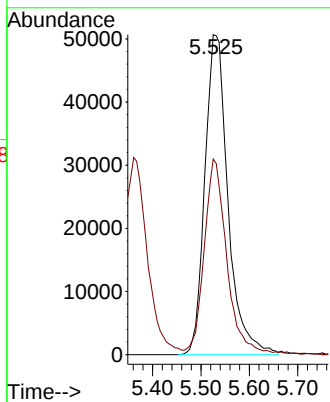
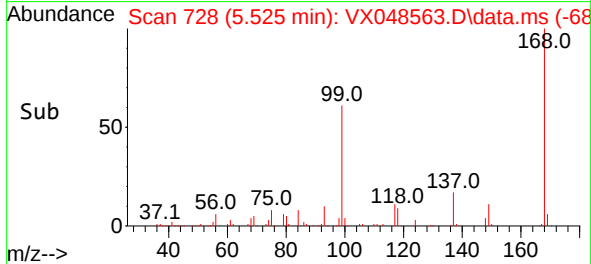
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 16805
Ion Ratio Lower Upper
168 100
99 60.3 45.2 67.8

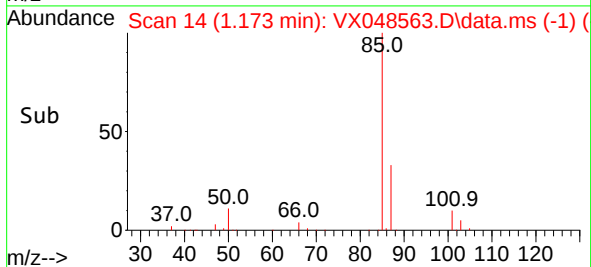
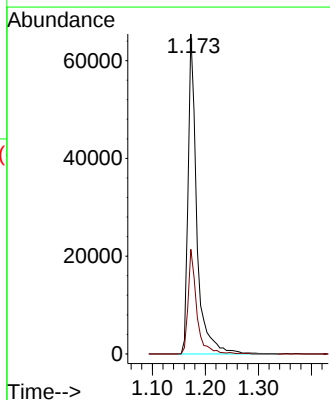
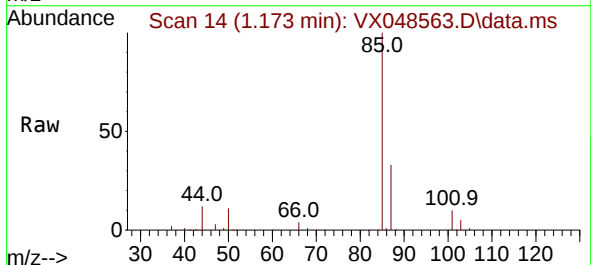
Manual Integrations
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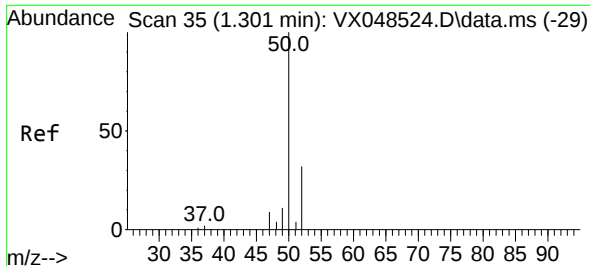
Reviewed By :John Carlone 11/14/2025
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#2
Dichlorodifluoromethane
Concen: 55.042 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

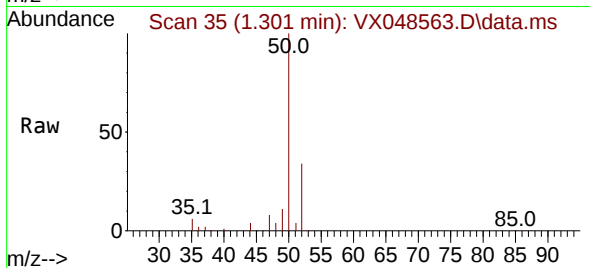
Tgt Ion: 85 Resp: 74953
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6





#3
Chloromethane
Concen: 48.941 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

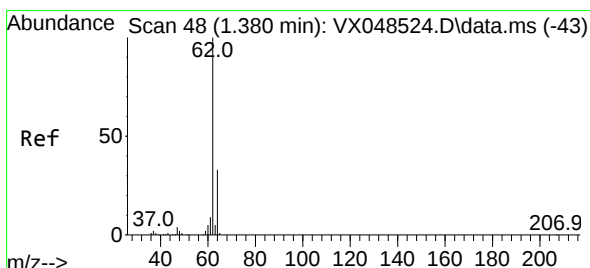
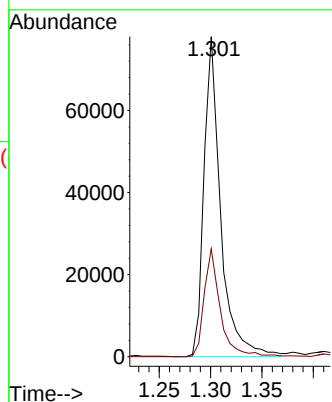
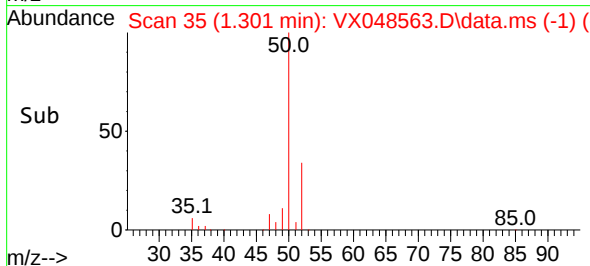
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 8839
Ion Ratio Lower Upper
50 100
52 33.7 26.0 39.0

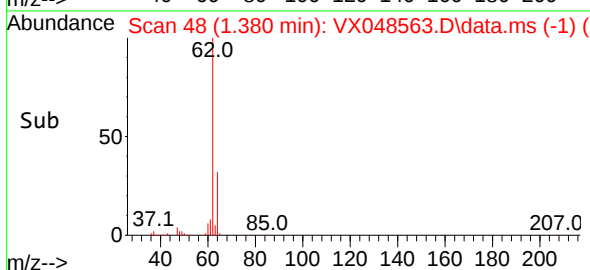
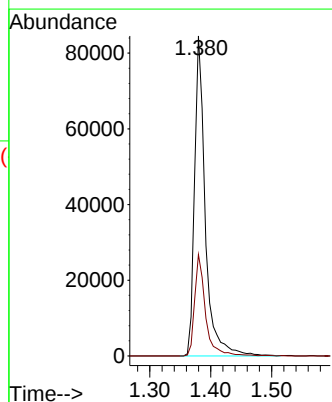
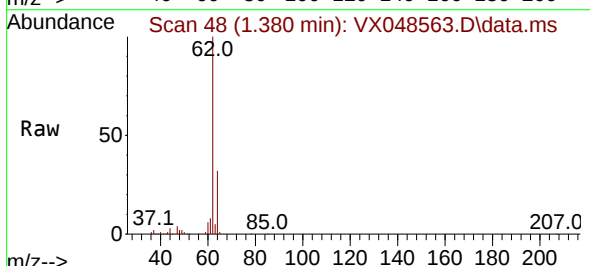
Manual Integrations
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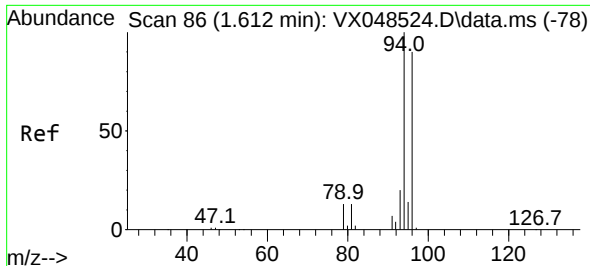
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#4
Vinyl Chloride
Concen: 50.757 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion: 62 Resp: 103794
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.4





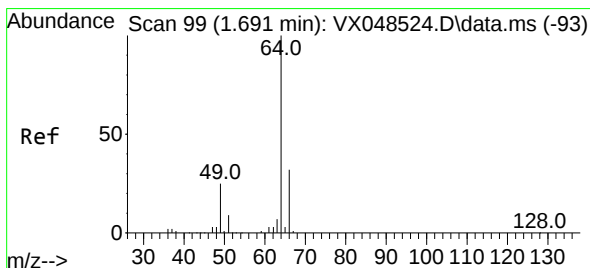
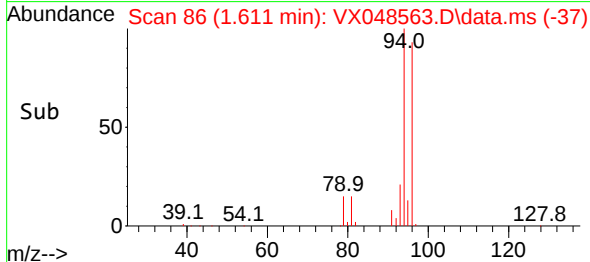
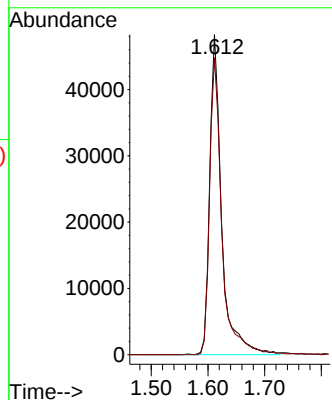
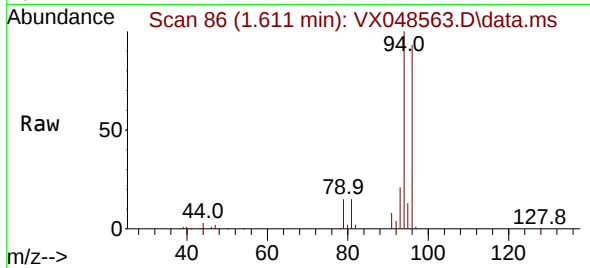
#5
Bromomethane
Concen: 54.695 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX048563.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 70620
Ion Ratio Lower Upper
94 100
96 92.8 72.3 108.5

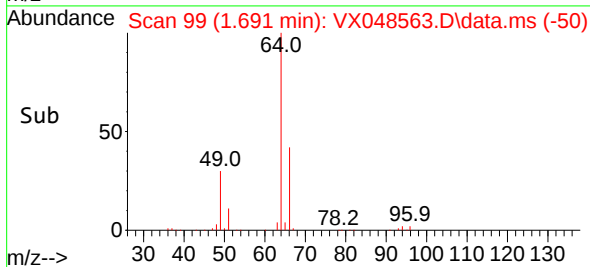
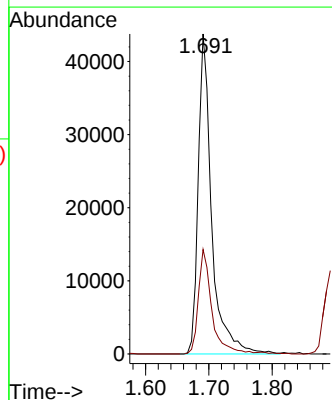
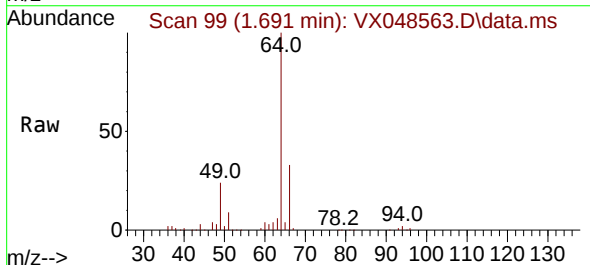
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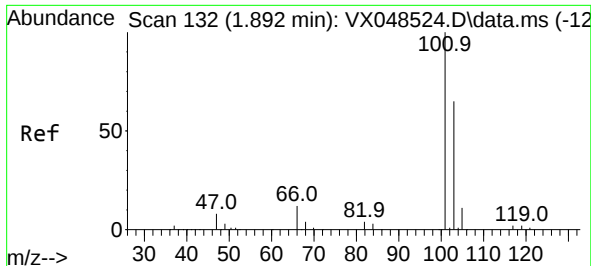
Reviewed By :John Carlone 11/14/2025
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#6
Chloroethane
Concen: 48.403 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX048563.D
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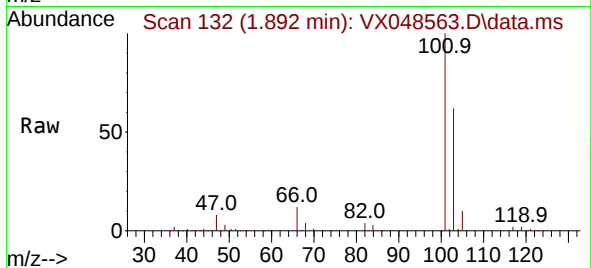
Tgt Ion: 64 Resp: 64822
Ion Ratio Lower Upper
64 100
66 32.7 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 49.269 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048563.D
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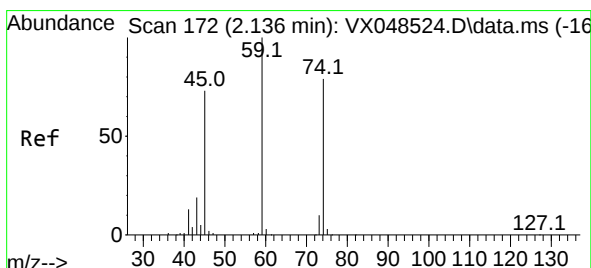
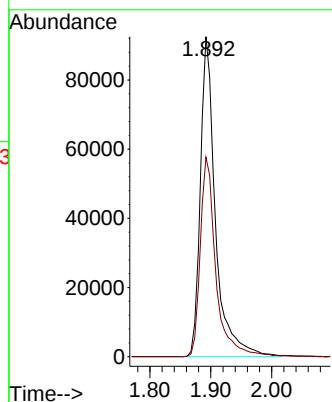
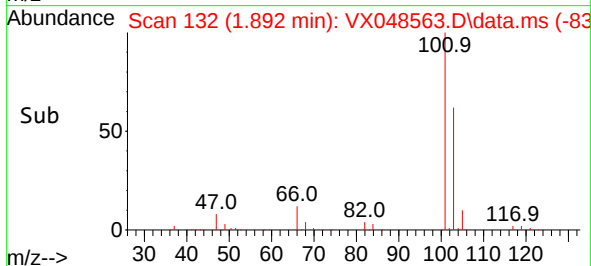
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 159394
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.7 77.5

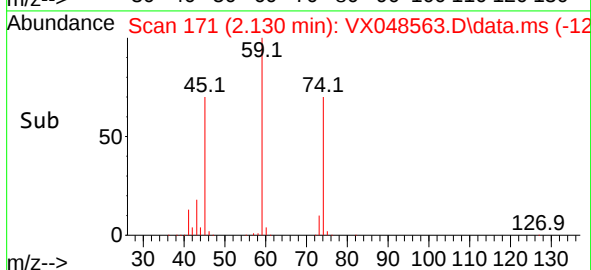
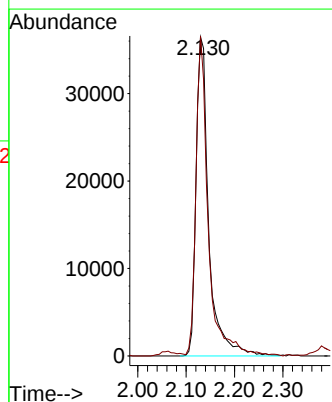
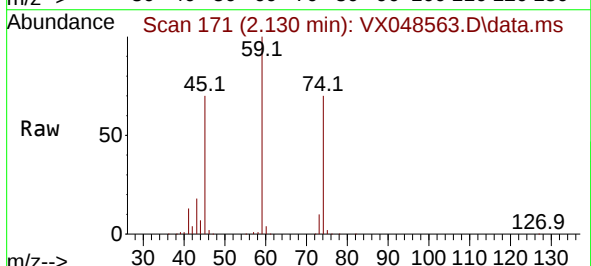
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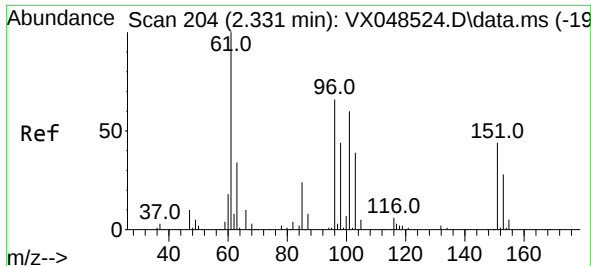
Reviewed By :John Carlone 11/14/2025
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#8
 Diethyl Ether
 Concen: 51.298 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX048563.D
 Acq: 12 Nov 2025 09:11

Tgt Ion: 74 Resp: 66616
 Ion Ratio Lower Upper
 74 100
 45 97.3 45.9 137.6





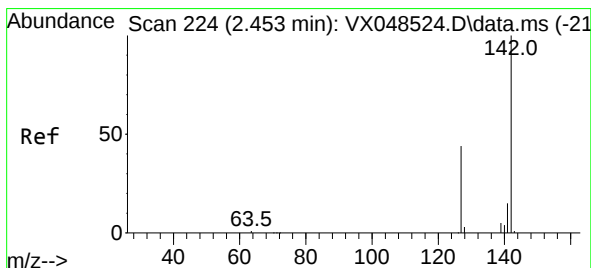
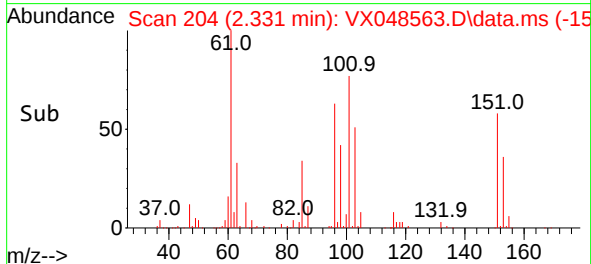
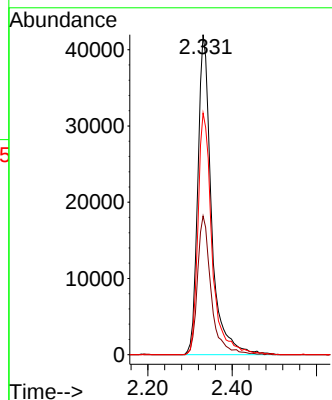
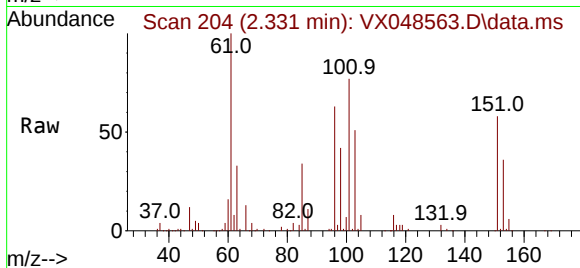
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.536 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 94649
Ion Ratio Lower Upper
101 100
85 43.5 34.3 51.5
151 78.2 63.1 94.7

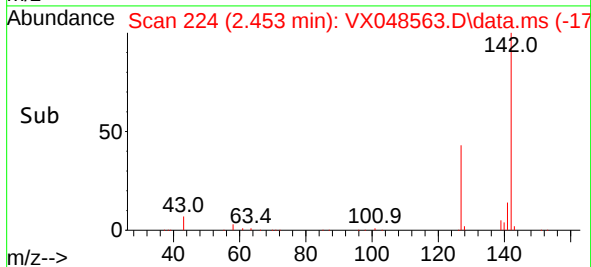
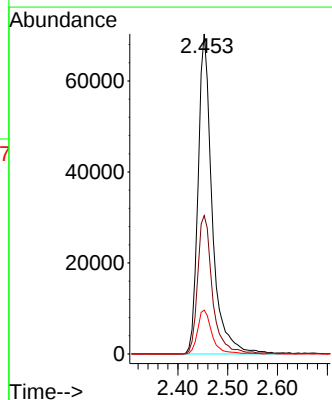
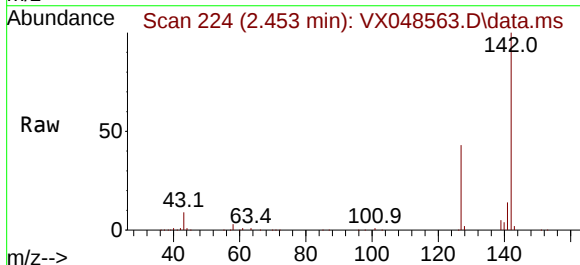
Manual Integrations
APPROVED

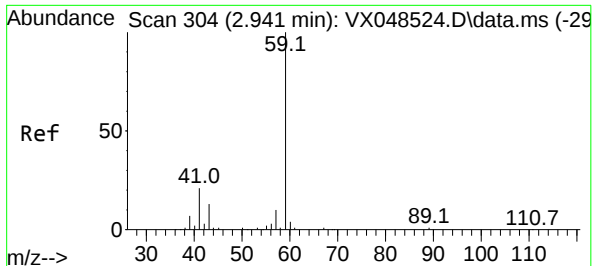
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#10
Methyl Iodide
Concen: 49.820 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

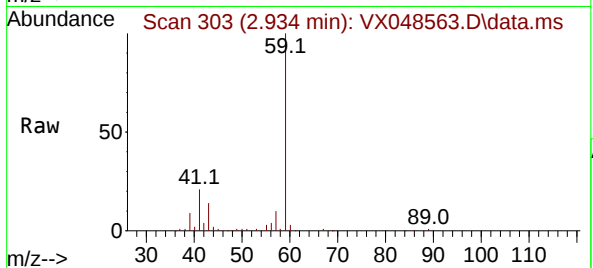
Tgt Ion:142 Resp: 138090
Ion Ratio Lower Upper
142 100
127 45.5 35.8 53.6
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 255.831 ug/l
RT: 2.934 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

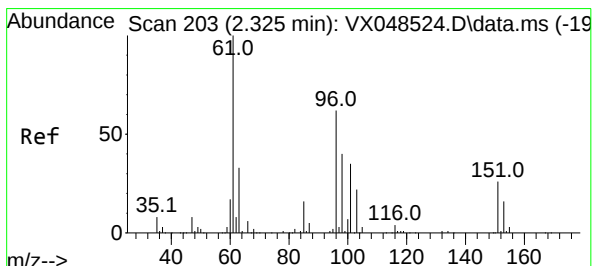
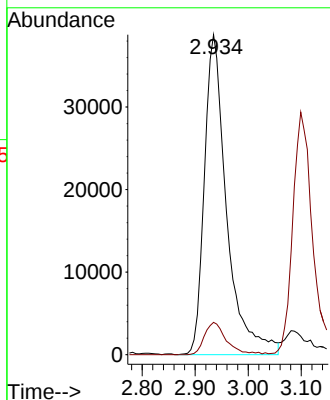
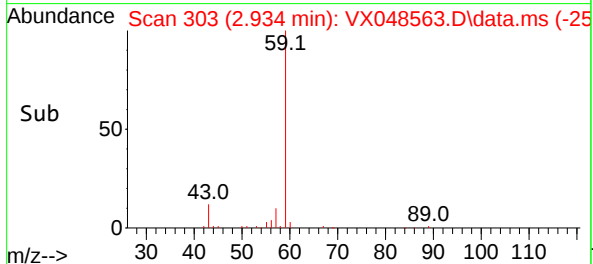
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



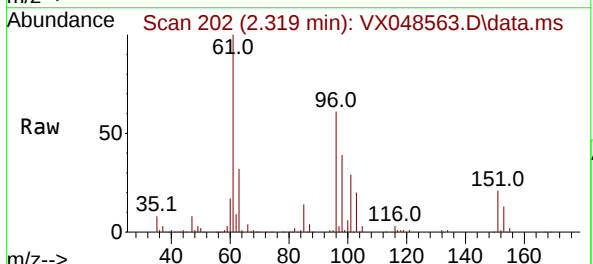
Tgt Ion: 59 Resp: 113518
Ion Ratio Lower Upper
59 100
57 10.0 8.6 13.0

Manual Integrations
APPROVED

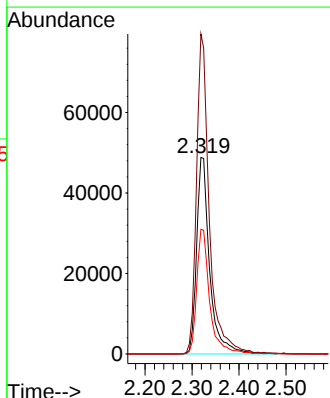
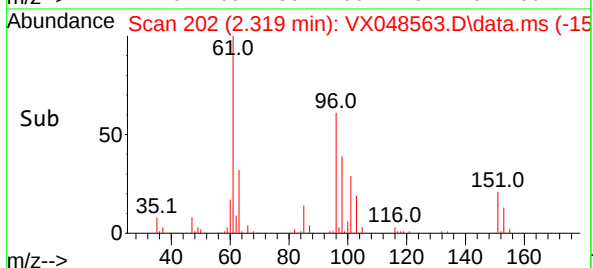
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025

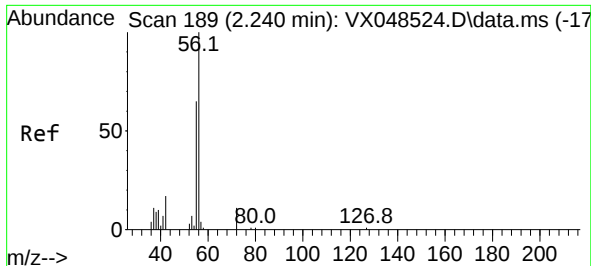


#12
1,1-Dichloroethene
Concen: 48.681 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11



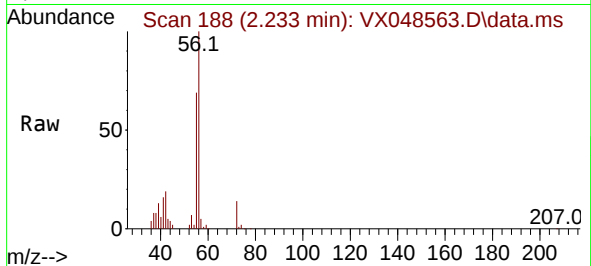
Tgt Ion: 96 Resp: 95236
Ion Ratio Lower Upper
96 100
61 162.9 129.8 194.6
98 63.4 52.3 78.5





#13
Acrolein
Concen: 642.610 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

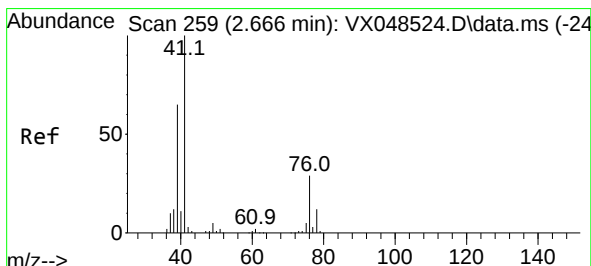
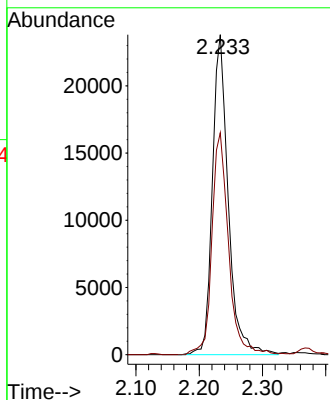
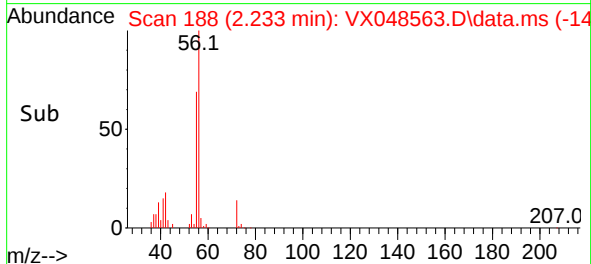
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 41250
Ion Ratio Lower Upper
56 100
55 72.6 54.9 82.3

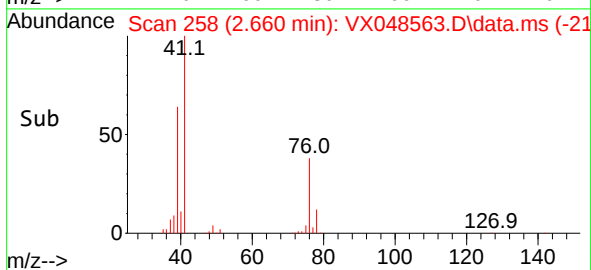
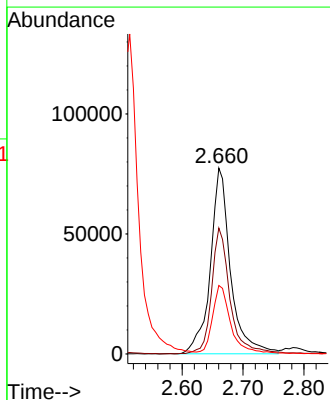
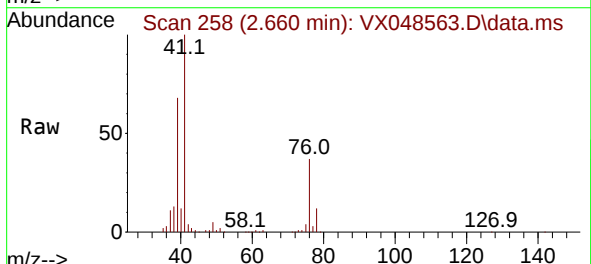
Manual Integrations
APPROVED

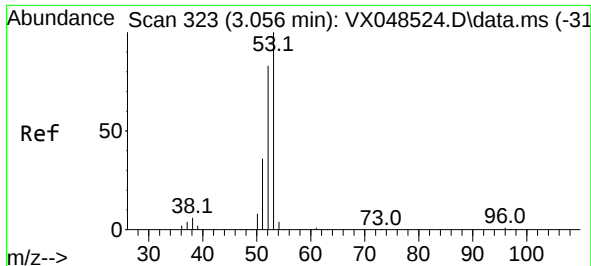
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#14
Allyl chloride
Concen: 49.147 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

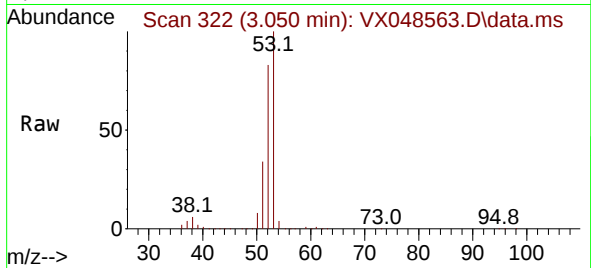
Tgt Ion: 41 Resp: 179011
Ion Ratio Lower Upper
41 100
39 61.5 48.6 73.0
76 33.5 27.7 41.5





#15
Acrylonitrile
Concen: 271.701 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

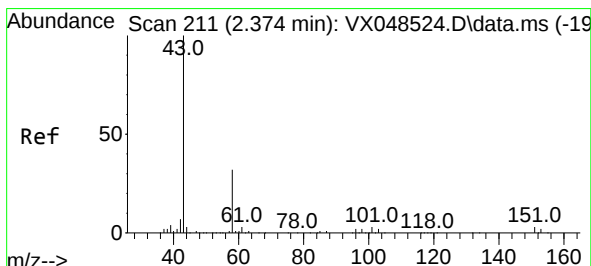
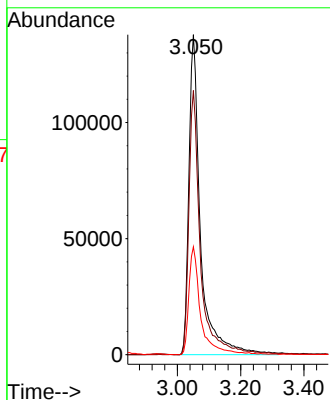
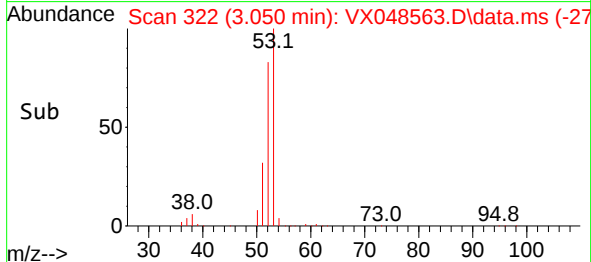
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 35194
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 34.4 27.8 41.6

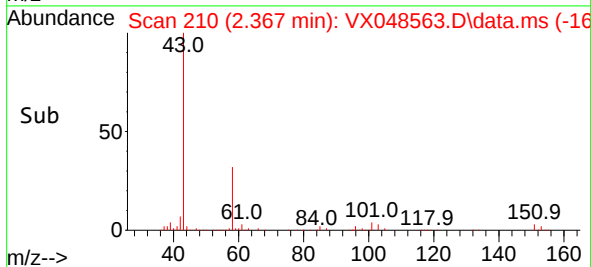
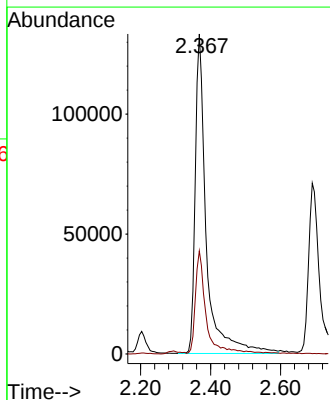
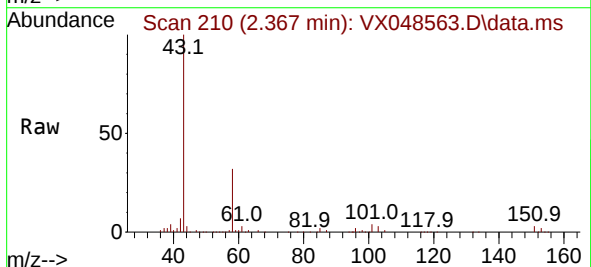
Manual Integrations
APPROVED

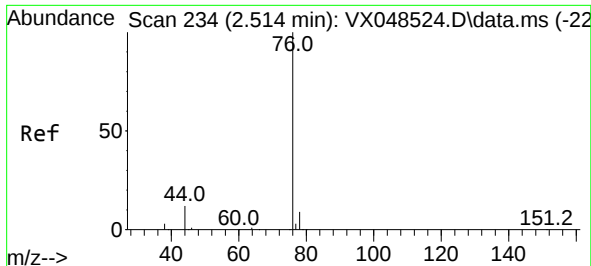
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#16
Acetone
Concen: 265.165 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

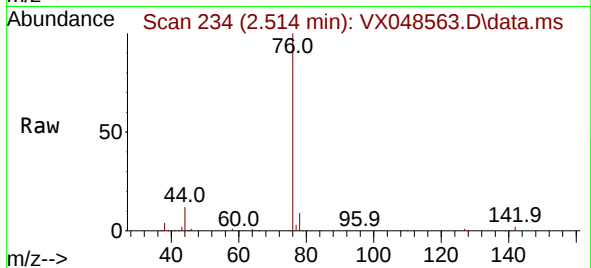
Tgt Ion: 43 Resp: 293921
Ion Ratio Lower Upper
43 100
58 32.0 25.8 38.6





#17
Carbon Disulfide
Concen: 46.022 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

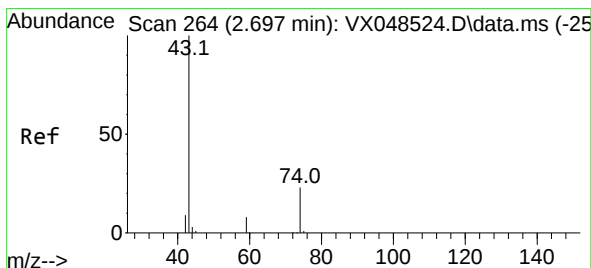
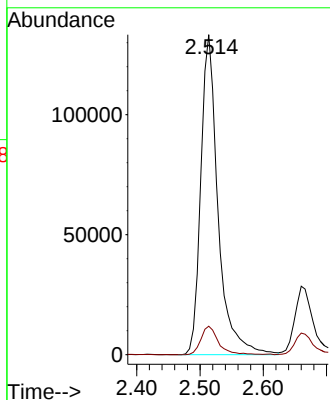
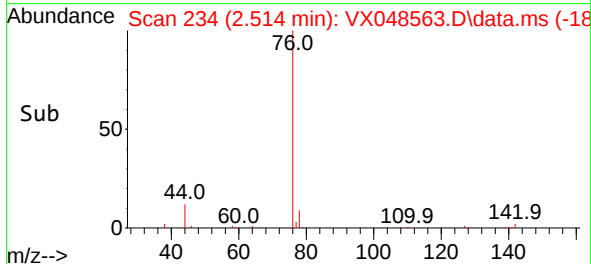
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



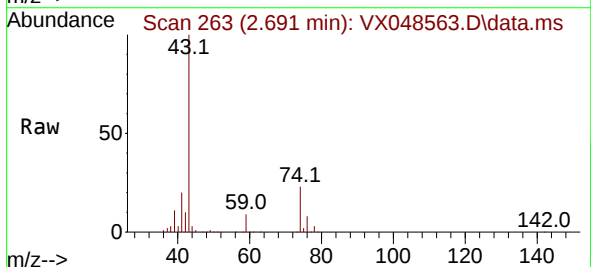
Tgt Ion: 76 Resp: 25335
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

Manual Integrations
APPROVED

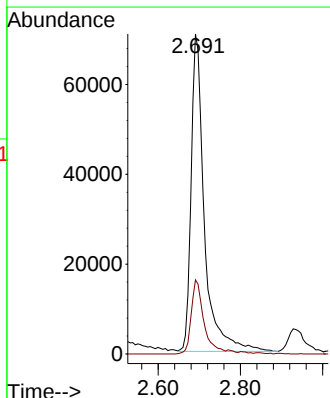
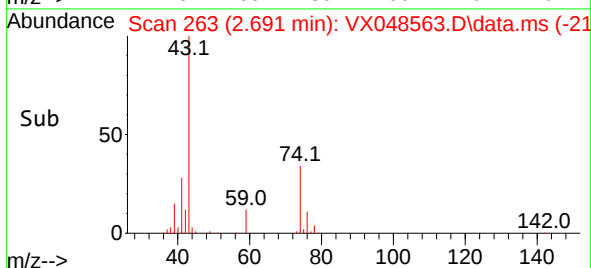
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#18
Methyl Acetate
Concen: 51.831 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11



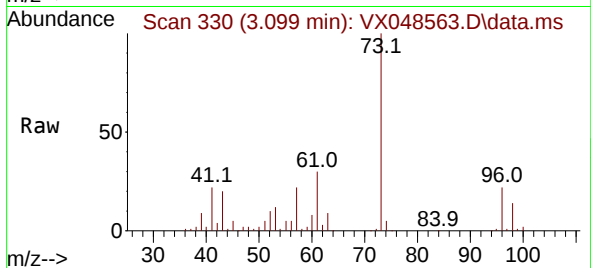
Tgt Ion: 43 Resp: 157884
Ion Ratio Lower Upper
43 100
74 22.2 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 51.880 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

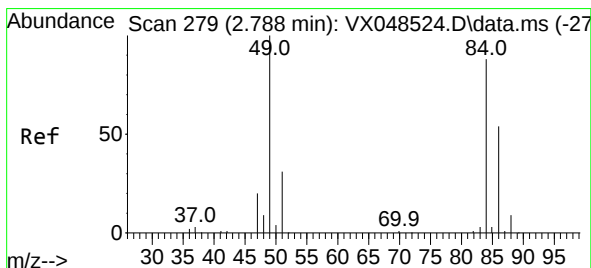
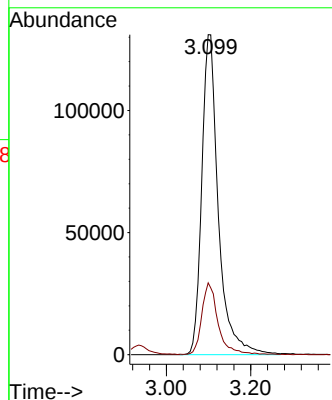
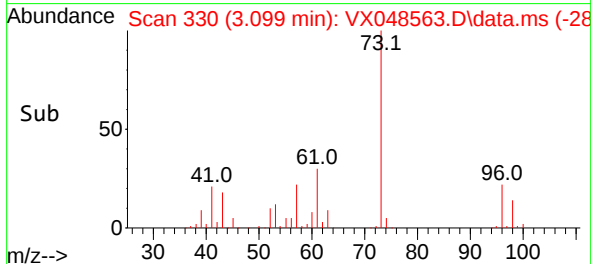
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 358408
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

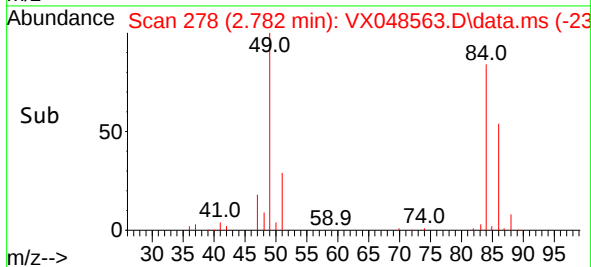
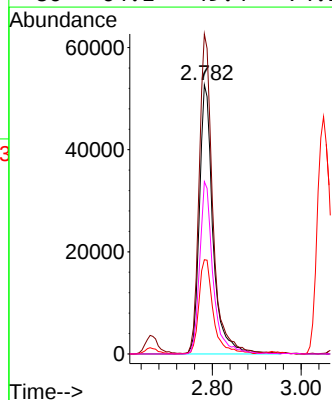
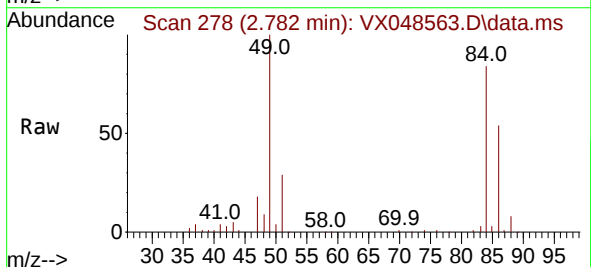
Manual Integrations
APPROVED

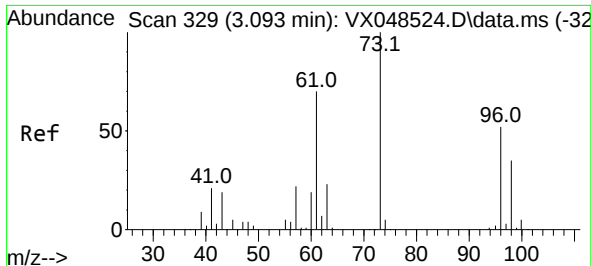
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#20
Methylene Chloride
Concen: 49.045 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

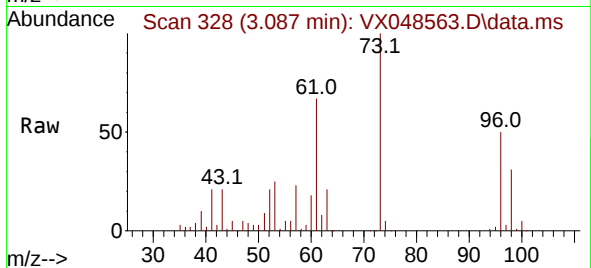
Tgt Ion: 84 Resp: 111767
Ion Ratio Lower Upper
84 100
49 118.6 91.2 136.8
51 34.9 28.3 42.5
86 64.1 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 48.362 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

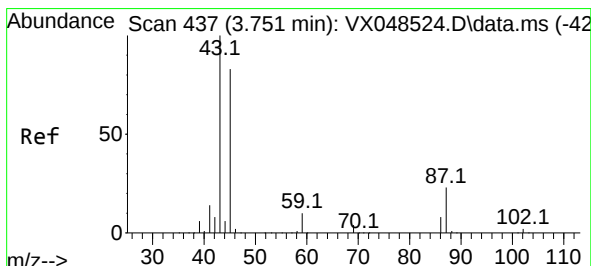
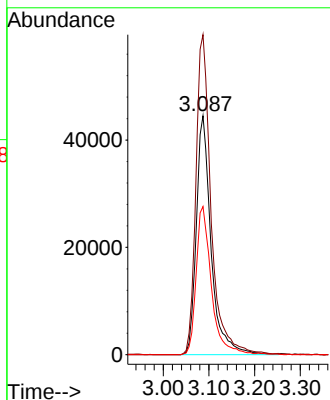
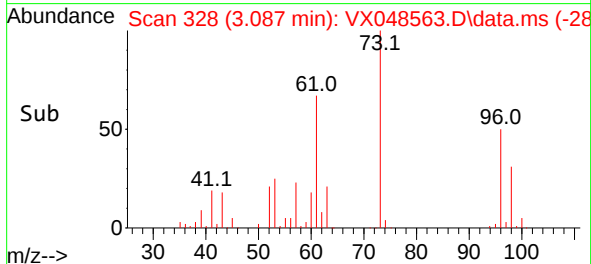
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



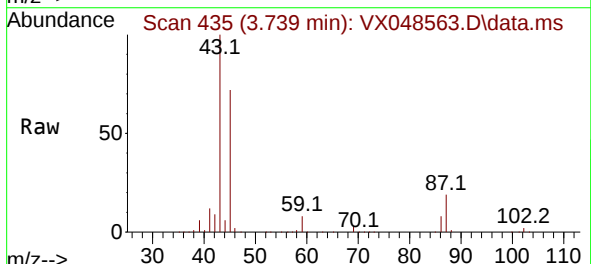
Tgt Ion: 96 Resp: 100275
Ion Ratio Lower Upper
96 100
61 133.9 106.7 160.1
98 62.0 52.7 79.1

Manual Integrations
APPROVED

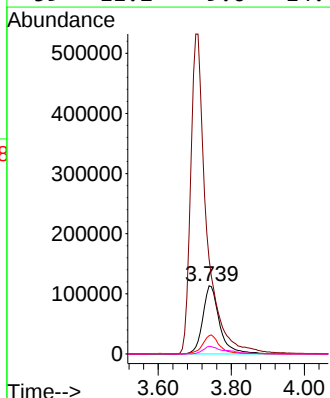
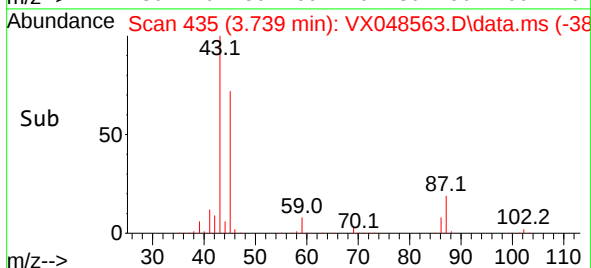
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#22
Diisopropyl ether
Concen: 51.770 ug/l
RT: 3.739 min Scan# 435
Delta R.T. -0.012 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11



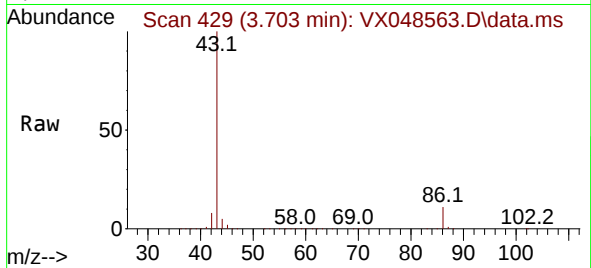
Tgt Ion: 45 Resp: 362083
Ion Ratio Lower Upper
45 100
43 139.3 96.4 144.6
87 26.8 21.8 32.6
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 264.071 ug/l
 RT: 3.703 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VX048563.D
 Acq: 12 Nov 2025 09:11

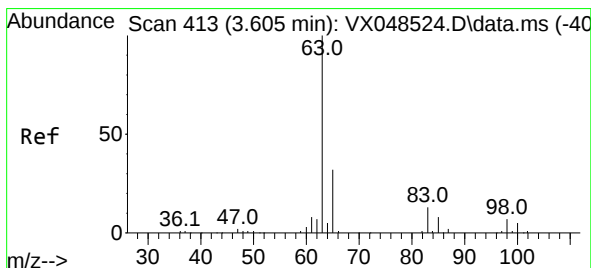
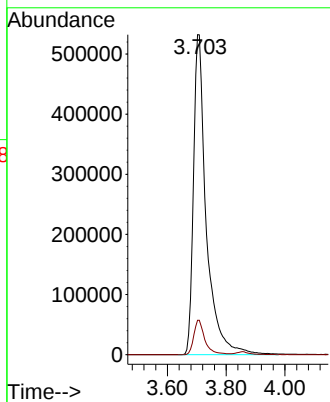
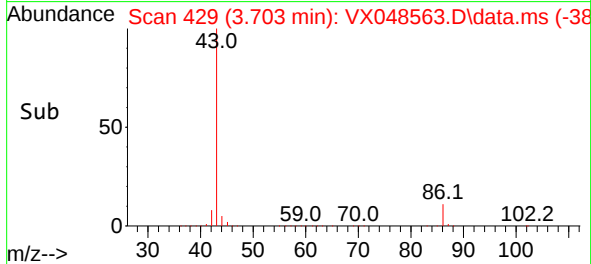
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



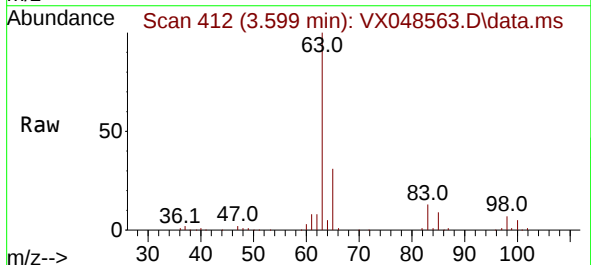
Tgt Ion: 43 Resp: 1617560
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.6

Manual Integrations
 APPROVED

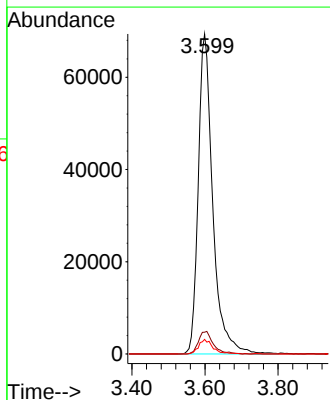
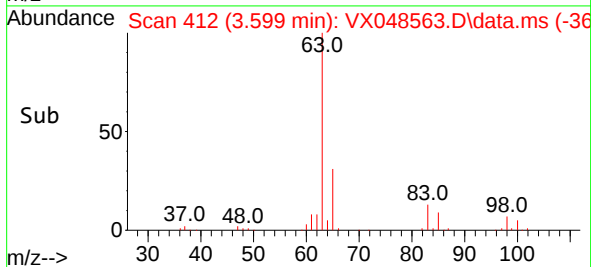
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/17/2025

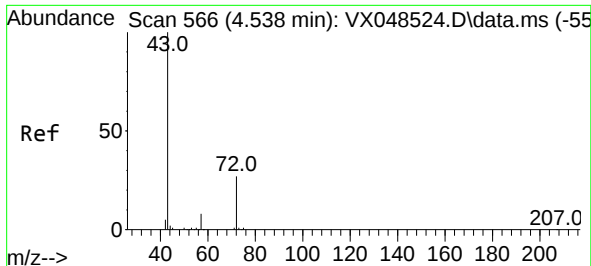


#24
 1,1-Dichloroethane
 Concen: 49.864 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048563.D
 Acq: 12 Nov 2025 09:11



Tgt Ion: 63 Resp: 191362
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.6 2.5 7.4





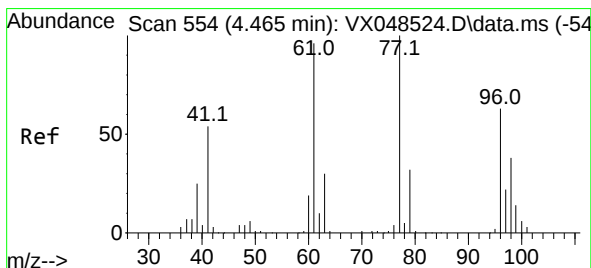
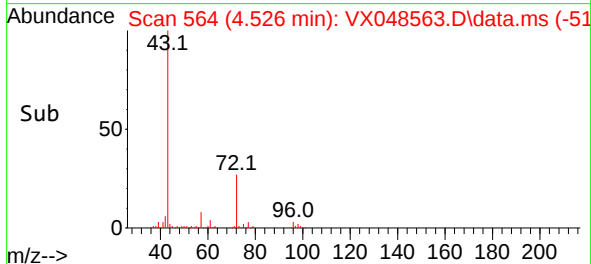
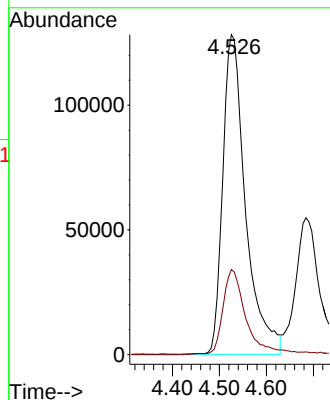
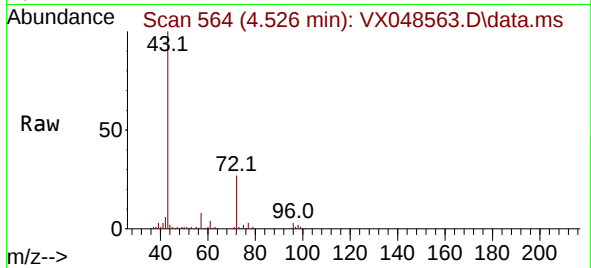
#25
2-Butanone
Concen: 263.462 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 43201
Ion Ratio Lower Upper
43 100
72 26.6 21.5 32.3

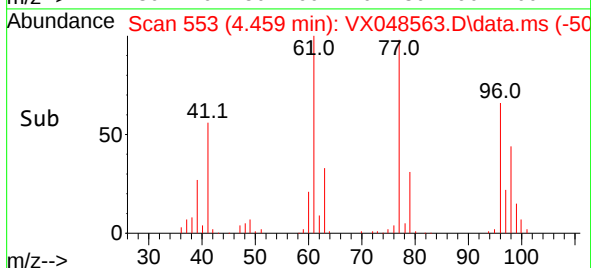
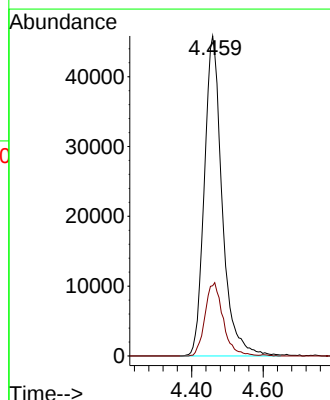
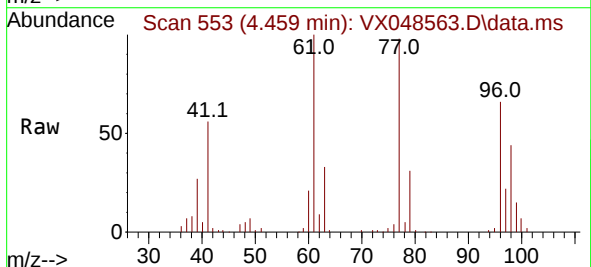
Manual Integrations
APPROVED

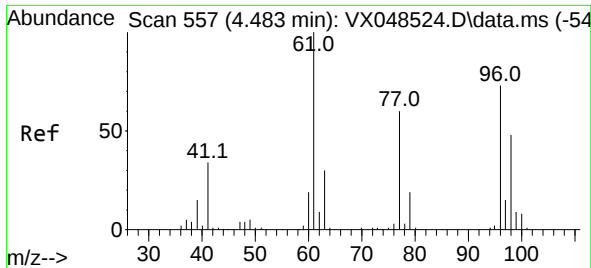
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#26
2,2-Dichloropropane
Concen: 48.547 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion: 77 Resp: 158830
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 48.793 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 123664

Ion Ratio Lower Upper

96 100

61 142.8 0.0 279.6

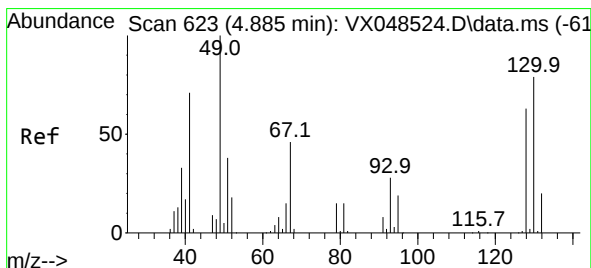
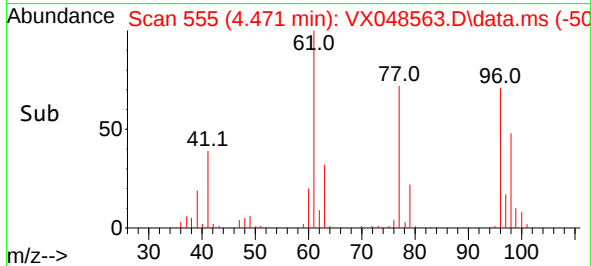
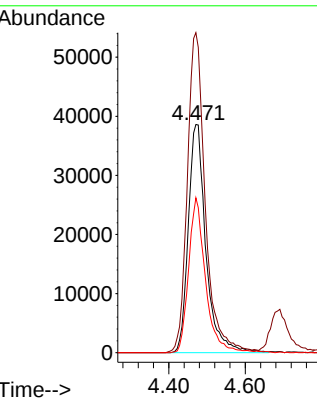
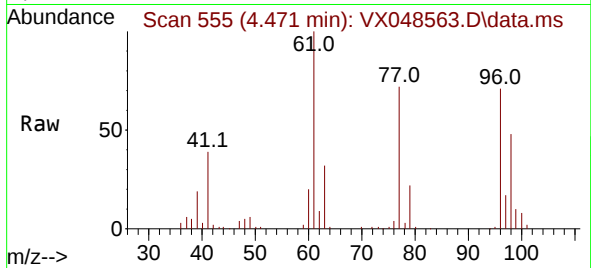
98 64.8 0.0 128.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#28

Bromochloromethane

Concen: 44.183 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

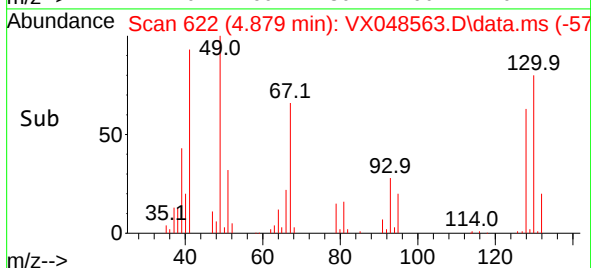
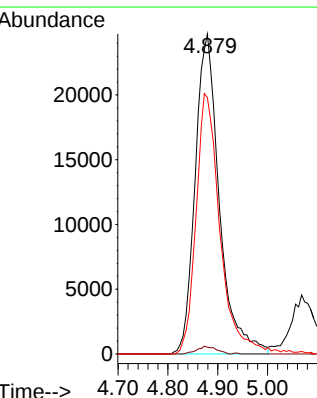
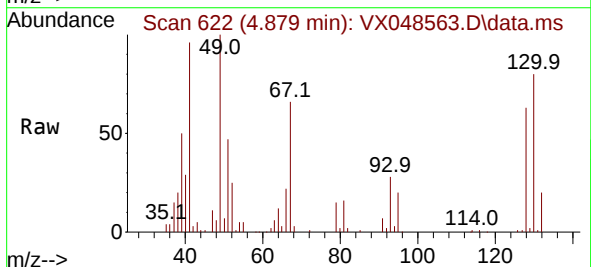
Tgt Ion: 49 Resp: 83297

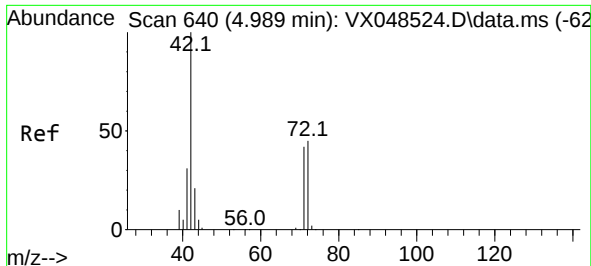
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 80.5 65.9 98.9





#29

Tetrahydrofuran

Concen: 252.899 ug/l

RT: 4.971 min Scan# 61

Delta R.T. -0.018 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 29576

Ion Ratio Lower Upper

42 100

72 46.0 36.3 54.5

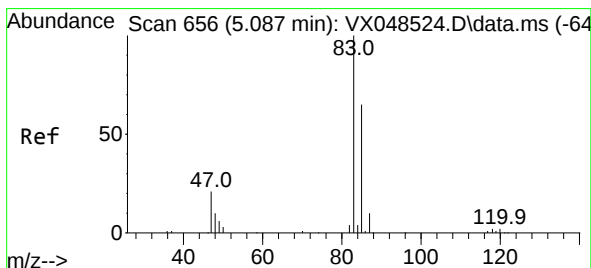
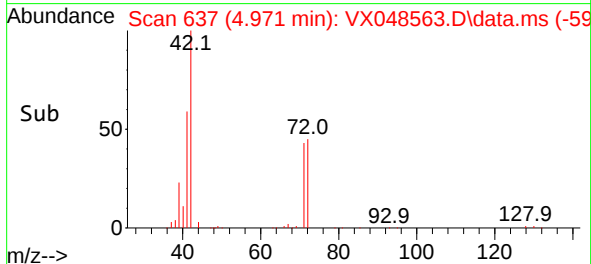
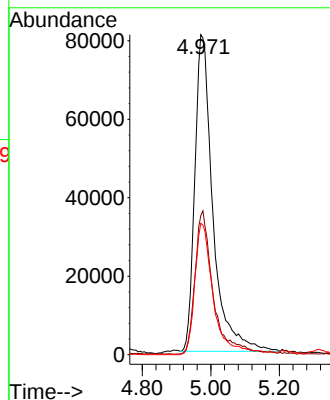
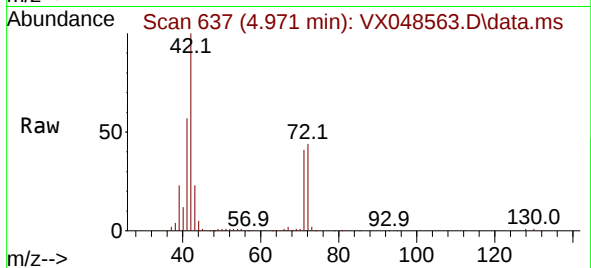
71 42.6 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#30

Chloroform

Concen: 48.771 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.012 min

Lab File: VX048563.D

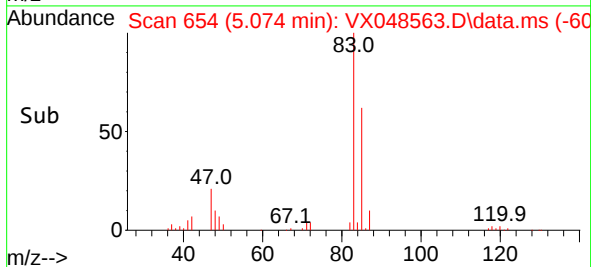
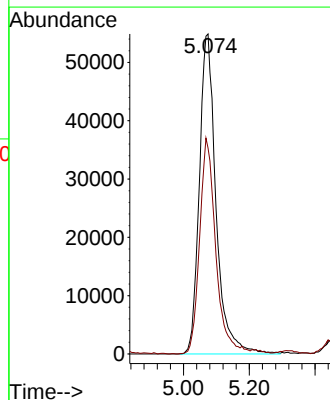
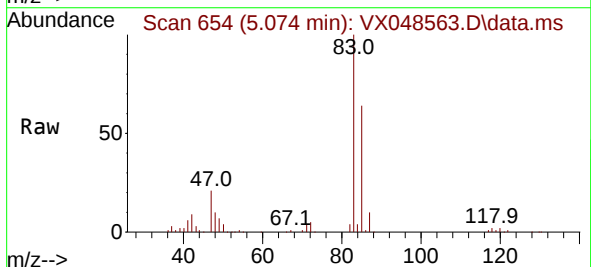
Acq: 12 Nov 2025 09:11

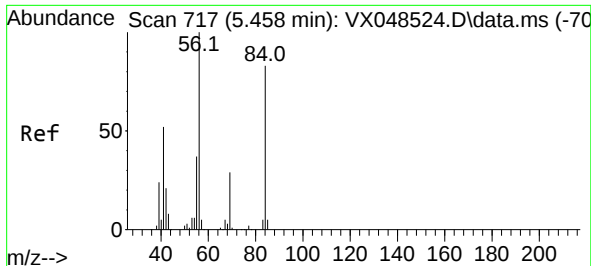
Tgt Ion: 83 Resp: 193225

Ion Ratio Lower Upper

83 100

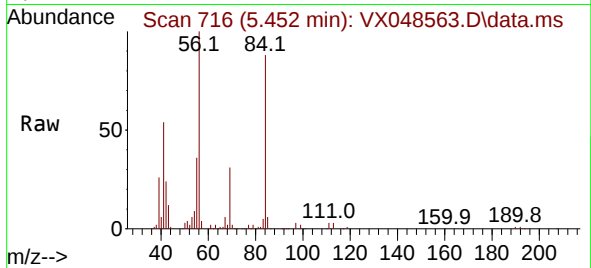
85 64.2 51.8 77.6





#31
Cyclohexane
Concen: 48.845 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

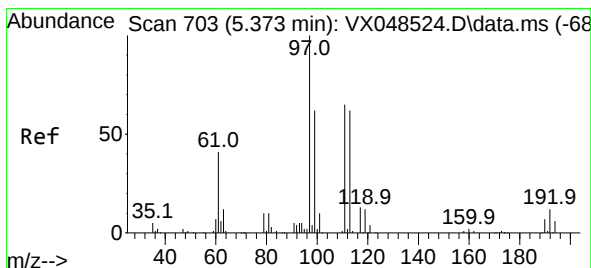
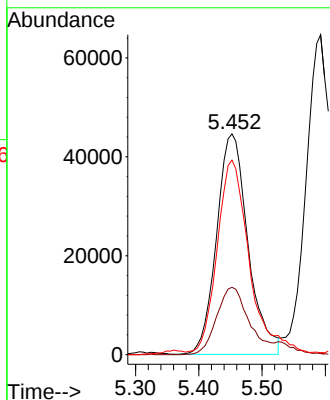
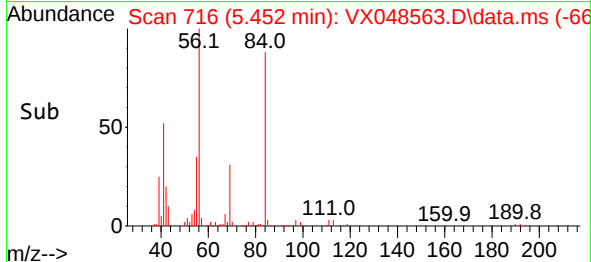
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 153589
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 86.6 66.3 99.5

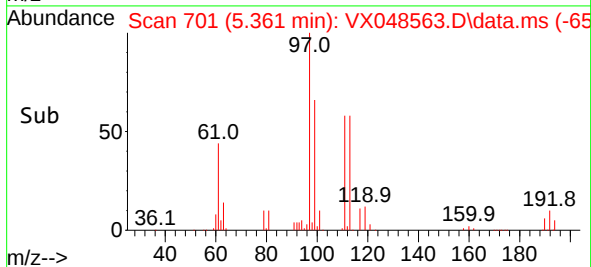
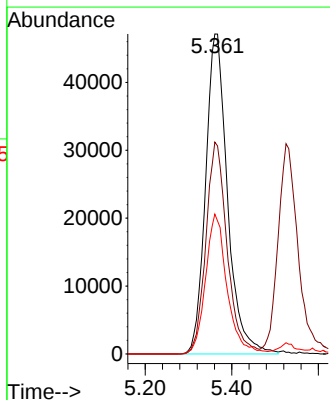
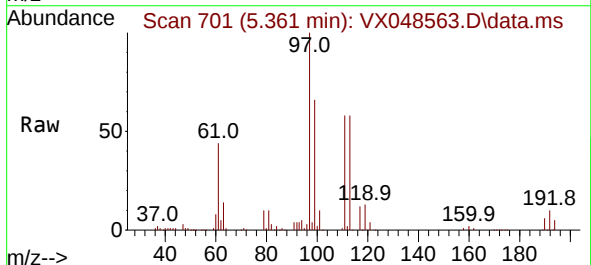
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#32
1,1,1-Trichloroethane
Concen: 47.973 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion: 97 Resp: 165870
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 42.8 33.4 50.2





#33
1,2-Dichloroethane-d4
Concen: 46.265 ug/l
RT: 5.934 min Scan# 79
Delta R.T. -0.012 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

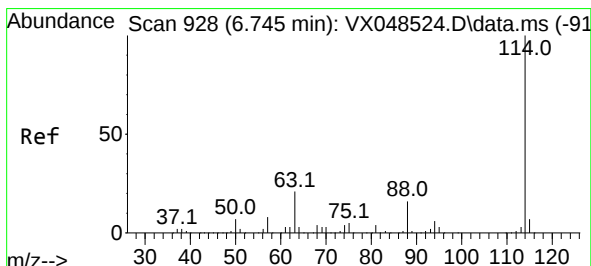
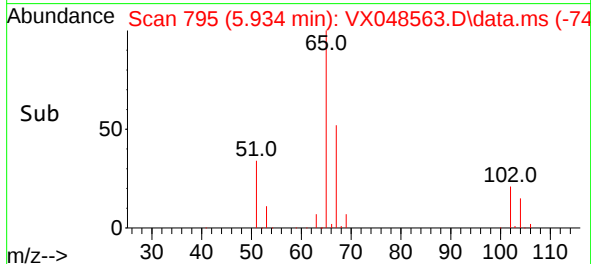
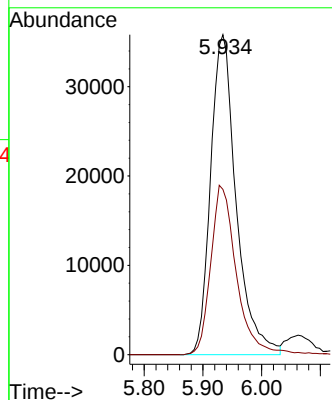
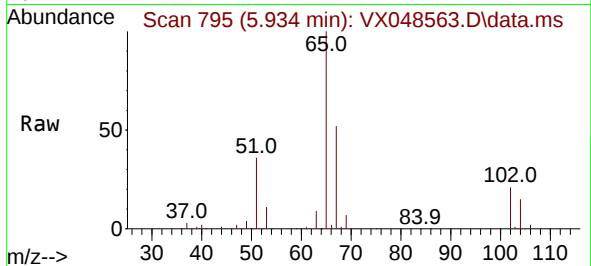
VSTDCCC050

Tgt Ion: 65 Resp: 108339
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.2

Manual Integrations

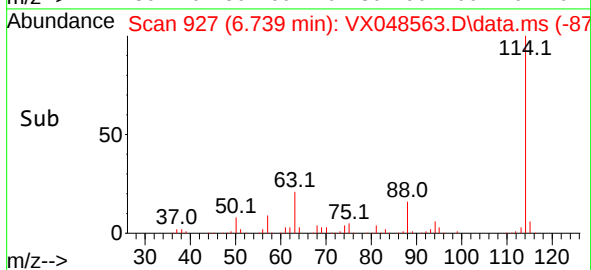
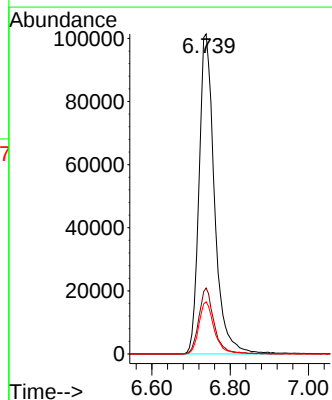
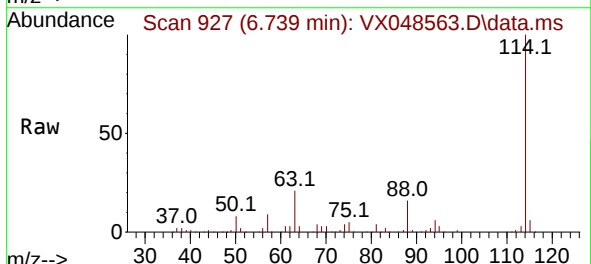
APPROVED

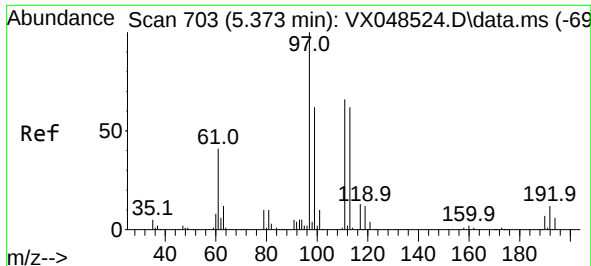
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

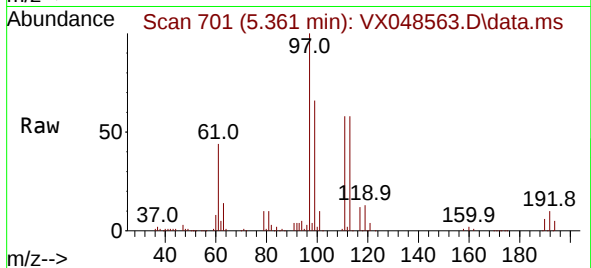
Tgt Ion:114 Resp: 278642
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.2
88 16.3 0.0 32.2





#35
Dibromofluoromethane
Concen: 43.489 ug/l
RT: 5.361 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

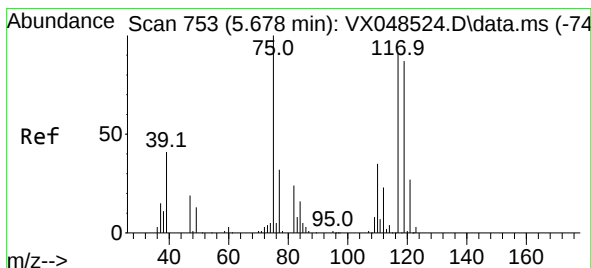
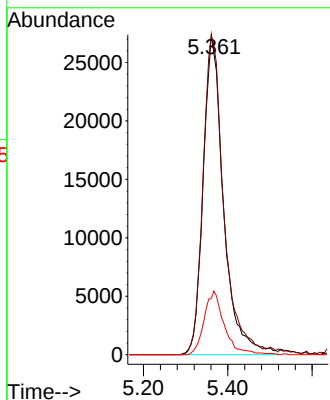
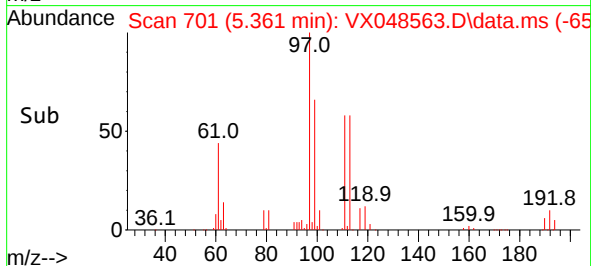
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 91710
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.8 15.8 23.6

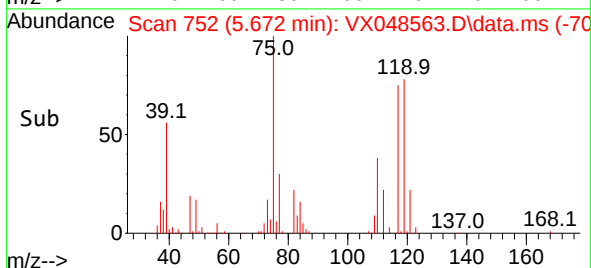
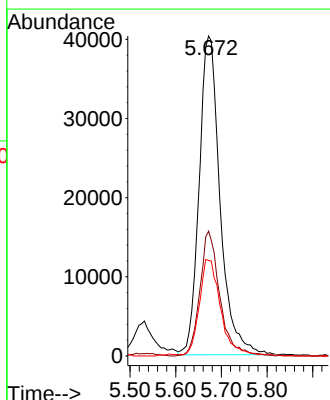
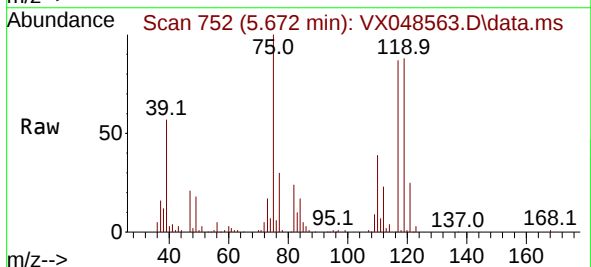
Manual Integrations
APPROVED

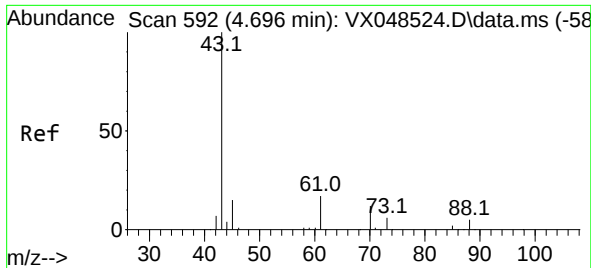
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#36
1,1-Dichloropropene
Concen: 45.445 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion: 75 Resp: 128334
Ion Ratio Lower Upper
75 100
110 37.3 18.4 55.4
77 30.0 24.6 37.0





#37

Ethyl Acetate

Concen: 49.099 ug/l

RT: 4.684 min Scan# 592

Delta R.T. -0.012 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 195174

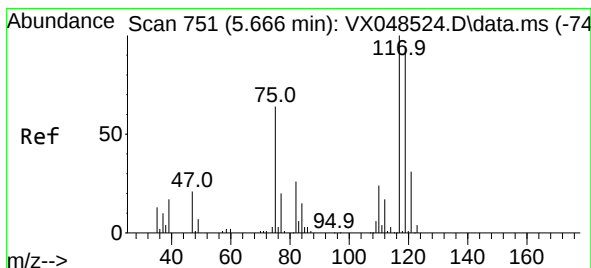
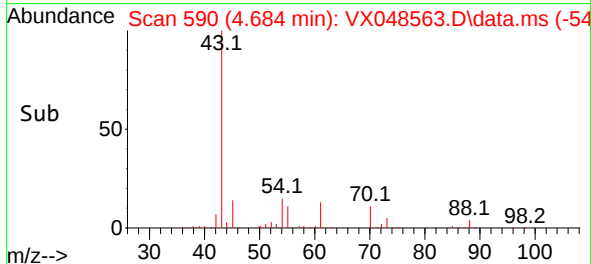
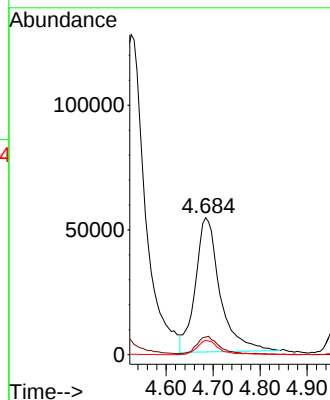
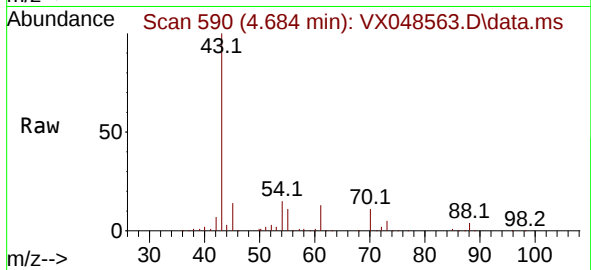
Ion	Ratio	Lower	Upper
43	100		
61	11.0	9.7	14.5
70	9.5	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#38

Carbon Tetrachloride

Concen: 45.983 ug/l

RT: 5.660 min Scan# 750

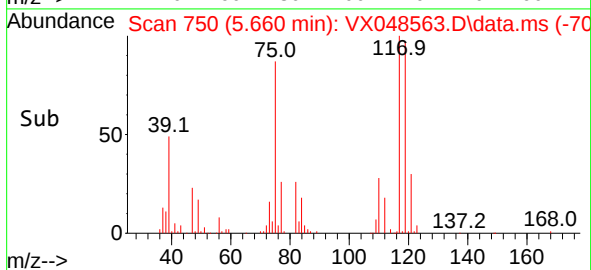
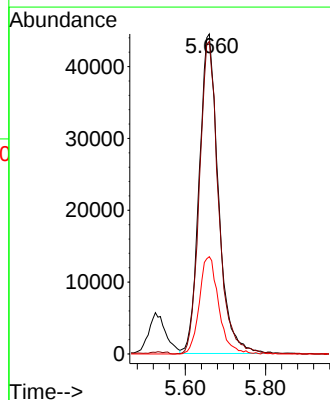
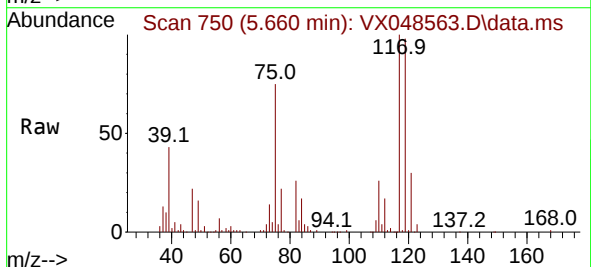
Delta R.T. -0.006 min

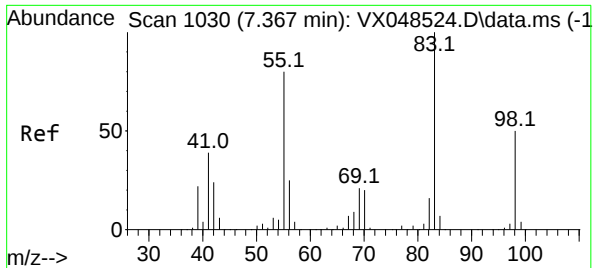
Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Tgt Ion:117 Resp: 147817

Ion	Ratio	Lower	Upper
117	100		
119	97.7	74.5	111.7
121	30.4	24.8	37.2





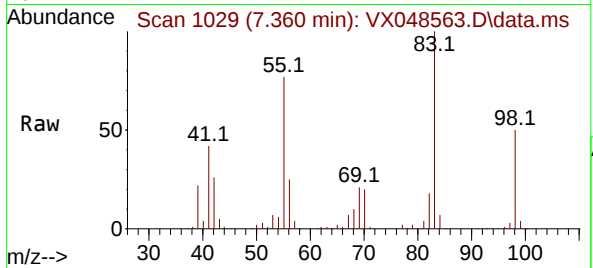
#39
Methylcyclohexane
Concen: 49.444 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



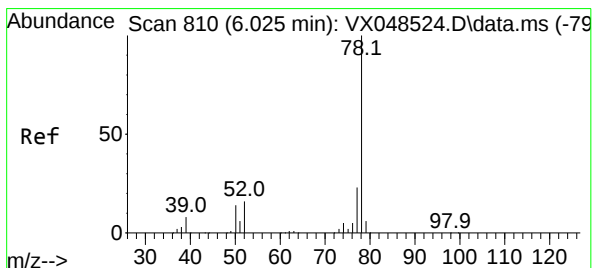
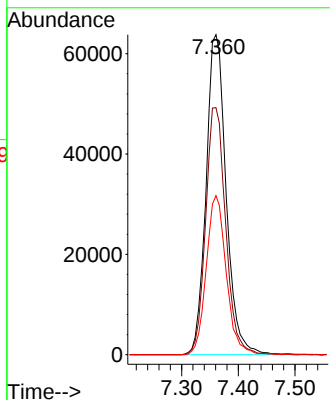
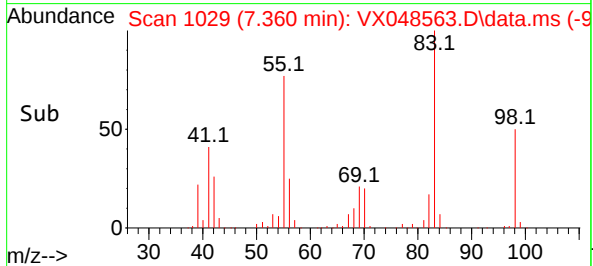
Tgt Ion: 83 Resp: 156778
Ion Ratio Lower Upper
83 100
55 77.2 63.8 95.6
98 49.7 40.3 60.5

Manual Integrations

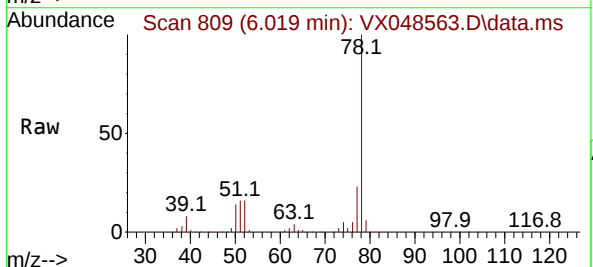
APPROVED

Reviewed By :John Carlone 11/14/2025

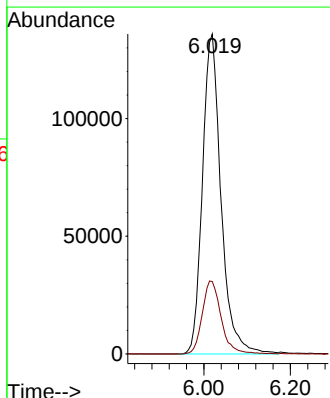
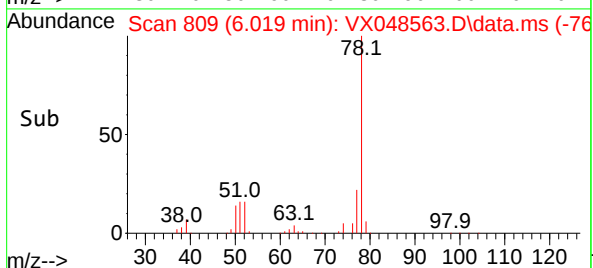
Supervised By :Mahesh Dadoda 11/17/2025

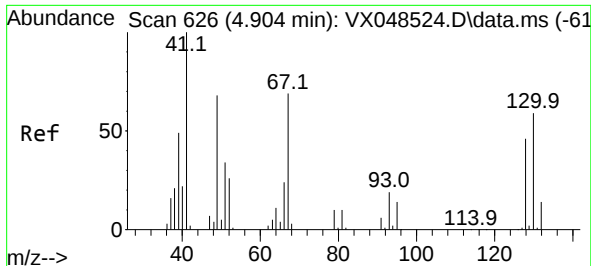


#40
Benzene
Concen: 46.247 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11



Tgt Ion: 78 Resp: 404835
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5





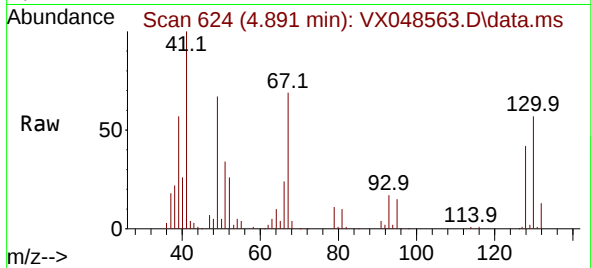
#41
Methacrylonitrile
Concen: 50.444 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



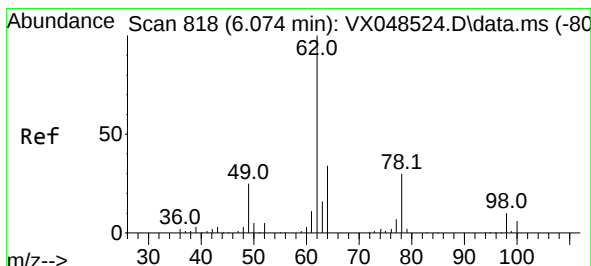
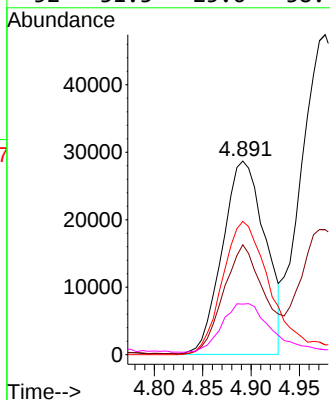
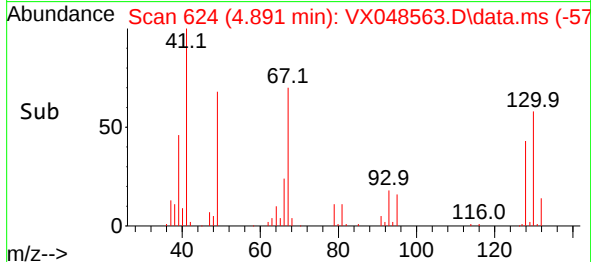
Tgt Ion:	41	Resp:	88184
Ion Ratio	100	Lower	Upper
39	54.8	41.1	61.7
67	83.0	64.2	96.2
52	31.3	25.6	38.4

Manual Integrations

APPROVED

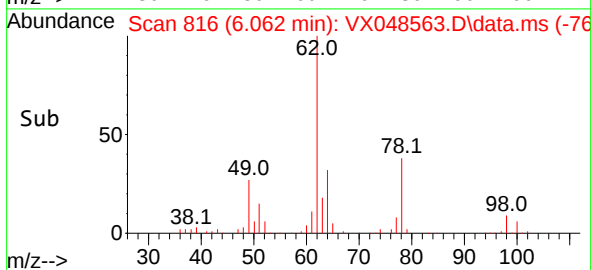
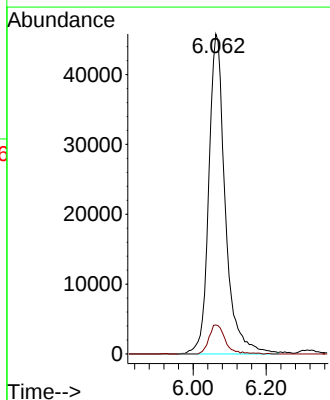
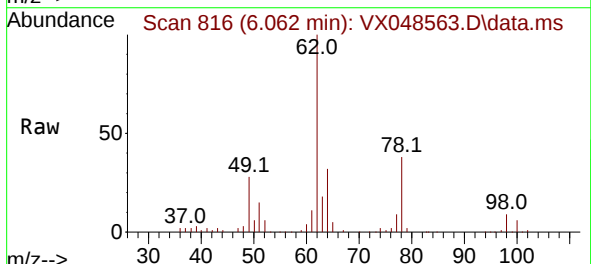
Reviewed By :John Carlone 11/14/2025

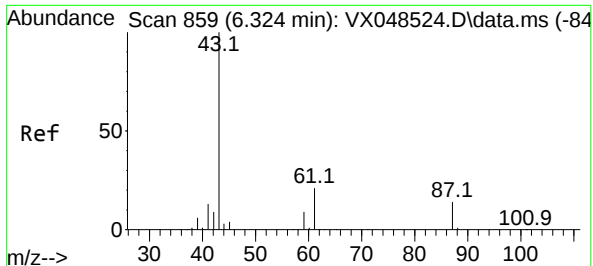
Supervised By :Mahesh Dadoda 11/17/2025



#42
1,2-Dichloroethane
Concen: 47.751 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

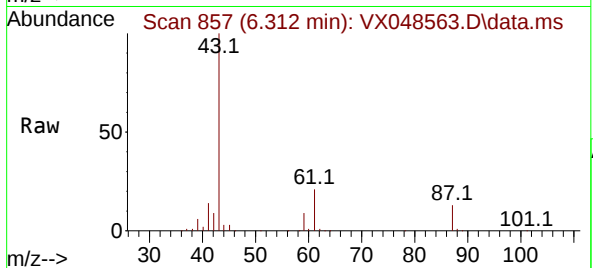
Tgt Ion:	62	Resp:	143217
Ion Ratio	100	Lower	Upper
98	8.9	0.0	19.6





#43
Isopropyl Acetate
Concen: 48.674 ug/l
RT: 6.312 min Scan# 857
Delta R.T. -0.012 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

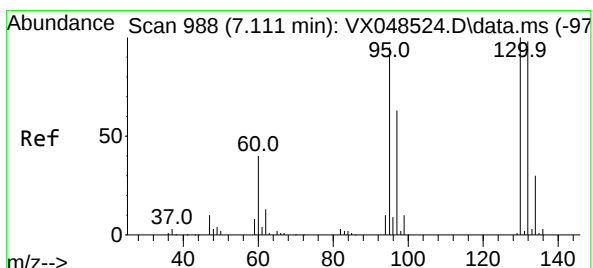
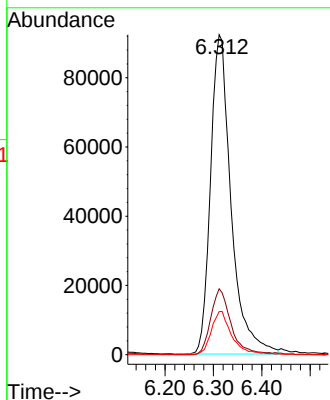
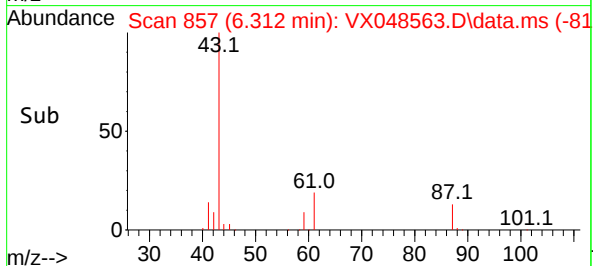
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 27198
Ion Ratio Lower Upper
43 100
61 20.6 16.2 24.4
87 13.6 10.9 16.3

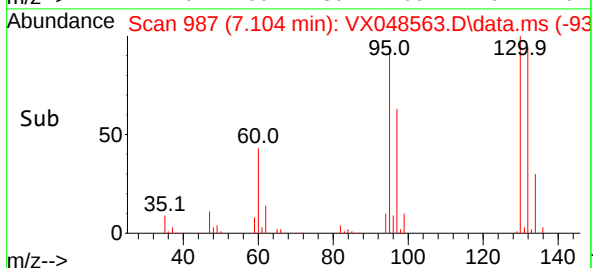
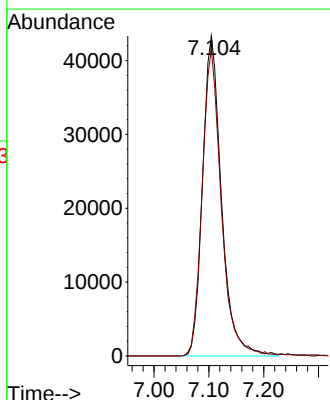
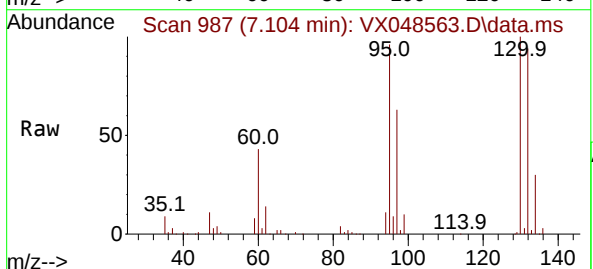
Manual Integrations
APPROVED

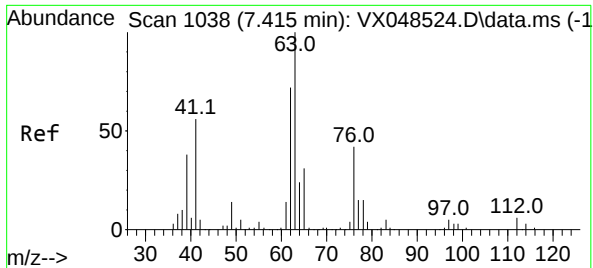
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#44
Trichloroethene
Concen: 49.443 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion:130 Resp: 103452
Ion Ratio Lower Upper
130 100
95 95.9 0.0 190.2





#45
1,2-Dichloropropane
Concen: 51.749 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

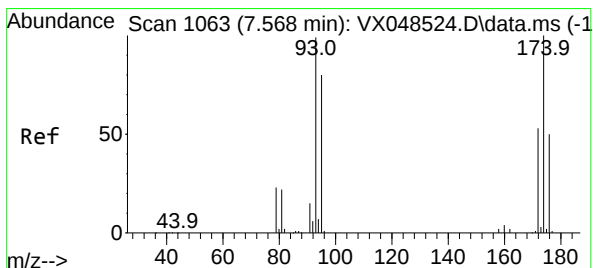
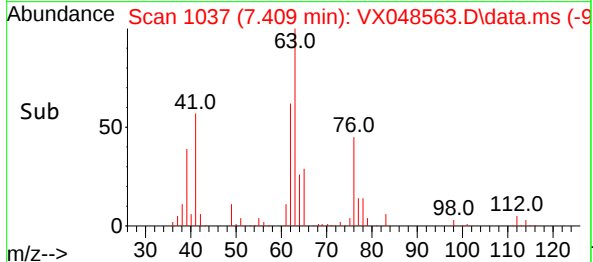
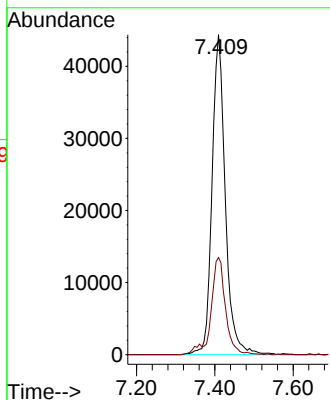
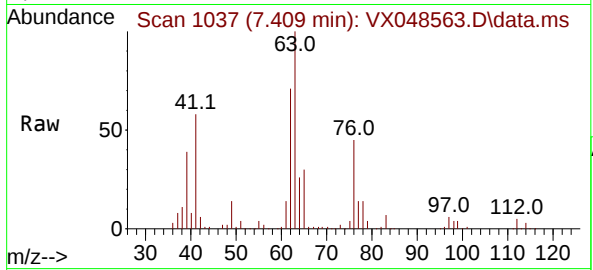
VSTDCCC050

Tgt Ion: 63 Resp: 10415
Ion Ratio Lower Upper
63 100
65 30.4 24.9 37.3

Manual Integrations

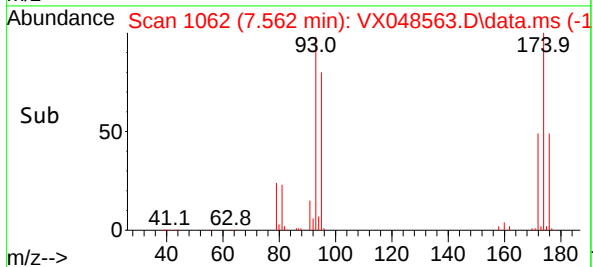
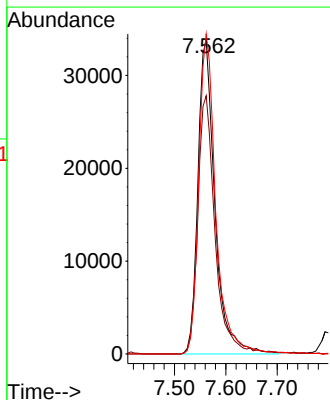
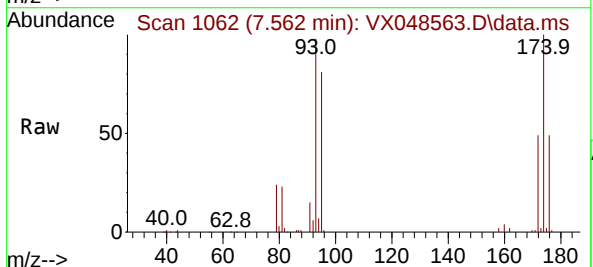
APPROVED

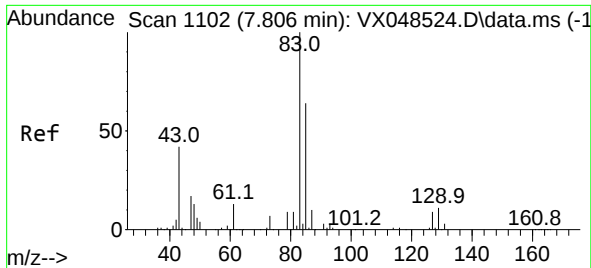
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#46
Dibromomethane
Concen: 53.063 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion: 93 Resp: 77897
Ion Ratio Lower Upper
93 100
95 83.5 67.6 101.4
174 101.8 83.0 124.6





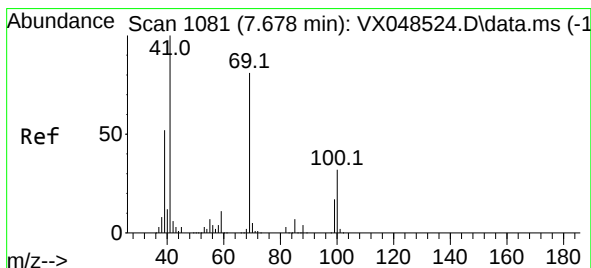
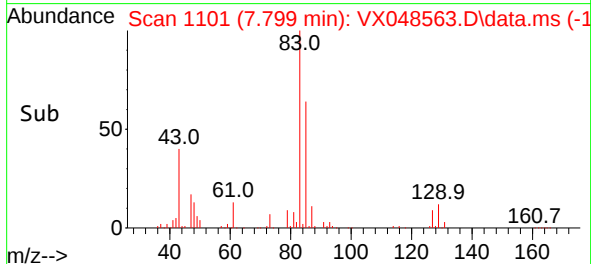
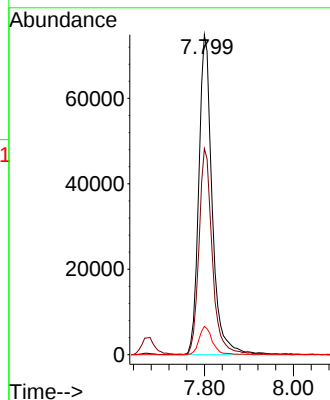
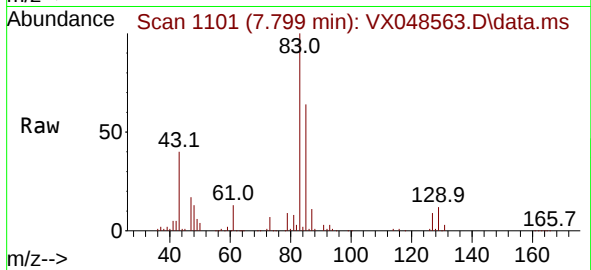
#47
Bromodichloromethane
Concen: 53.510 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 15671
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0
127 8.9 7.0 10.4

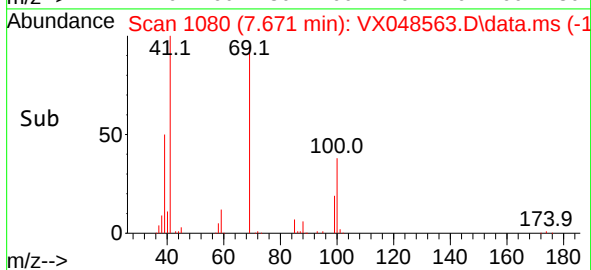
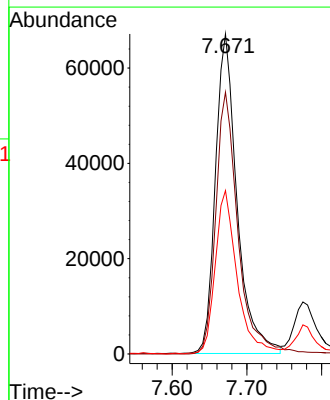
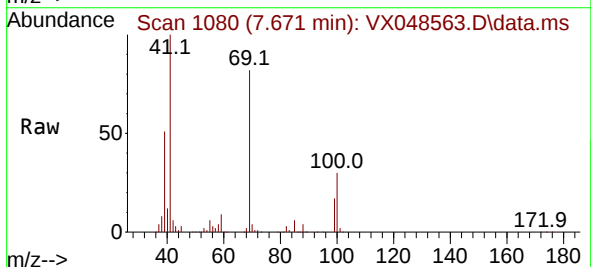
Manual Integrations
APPROVED

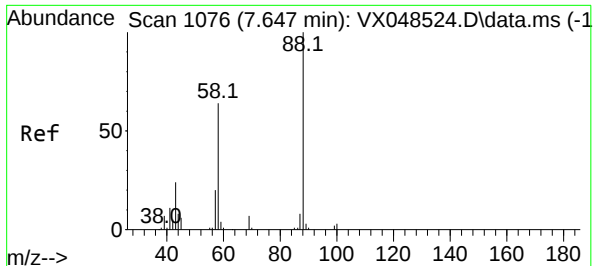
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#48
Methyl methacrylate
Concen: 54.542 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion: 41 Resp: 135482
Ion Ratio Lower Upper
41 100
69 84.5 67.9 101.9
39 51.3 42.2 63.2





#49

1,4-Dioxane

Concen: 1111.159 ug/l

RT: 7.635 min Scan# 1076

Delta R.T. -0.012 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

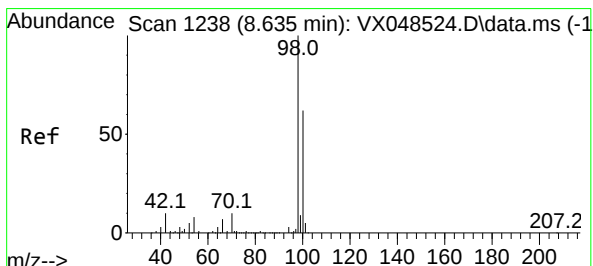
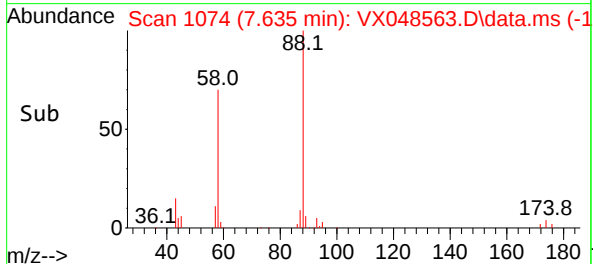
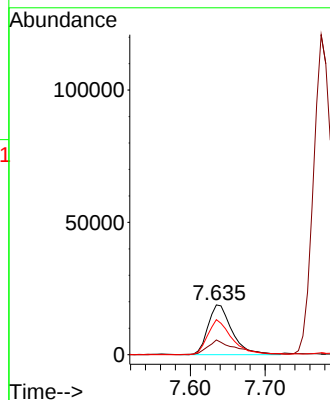
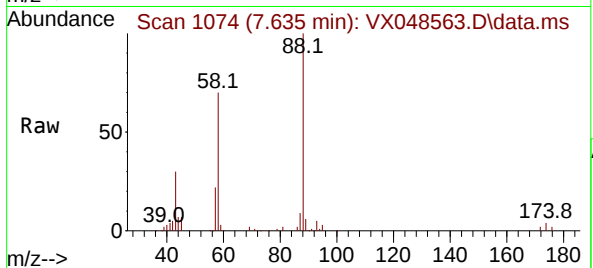
Tgt Ion: 88 Resp: 4205
 Ion Ratio Lower Upper
 88 100
 43 35.3 25.1 37.7
 58 71.0 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#50

Toluene-d8

Concen: 47.496 ug/l

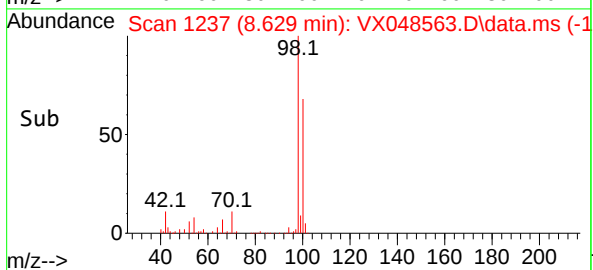
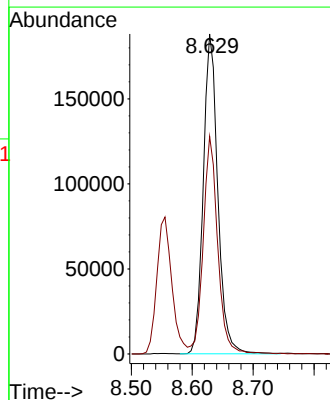
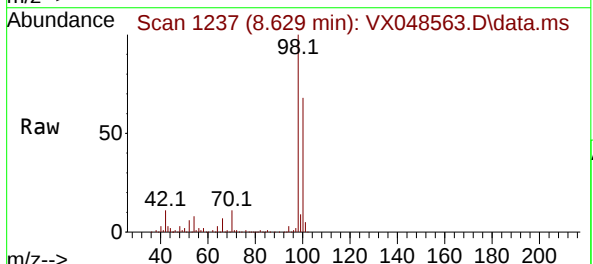
RT: 8.629 min Scan# 1237

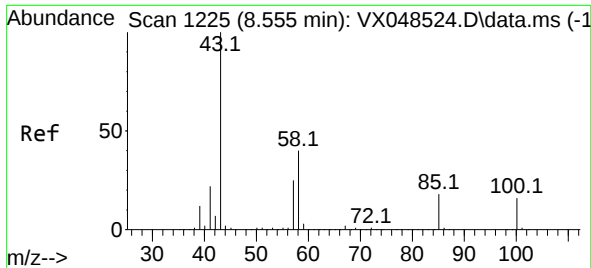
Delta R.T. -0.006 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

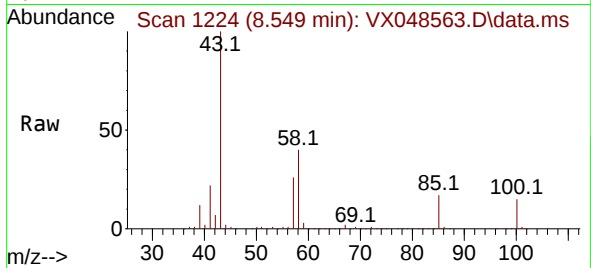
Tgt Ion: 98 Resp: 312401
 Ion Ratio Lower Upper
 98 100
 100 67.5 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 280.392 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

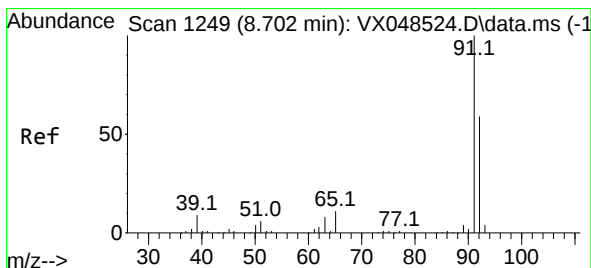
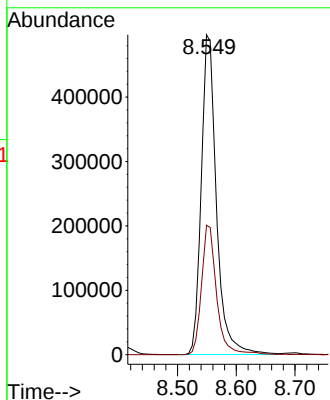
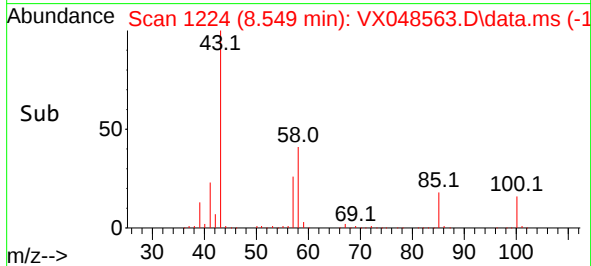
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 891859
Ion Ratio Lower Upper
43 100
58 40.4 32.3 48.5

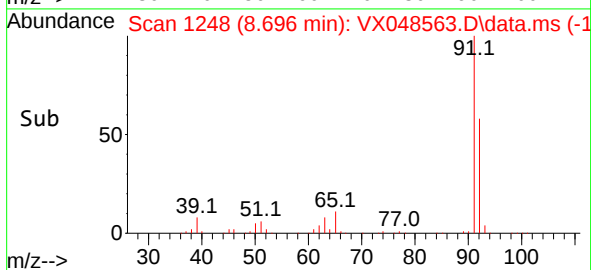
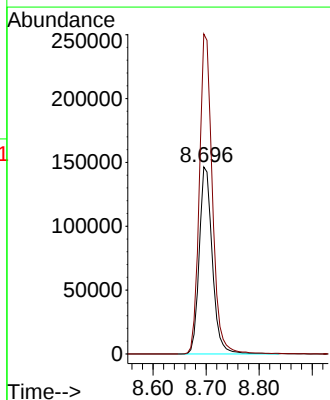
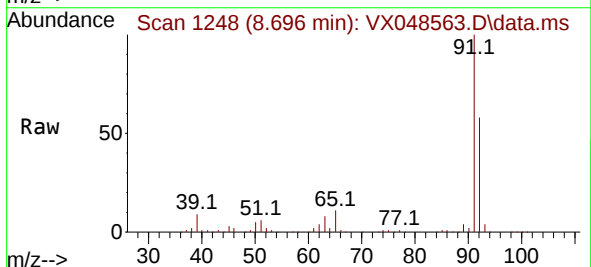
Manual Integrations
APPROVED

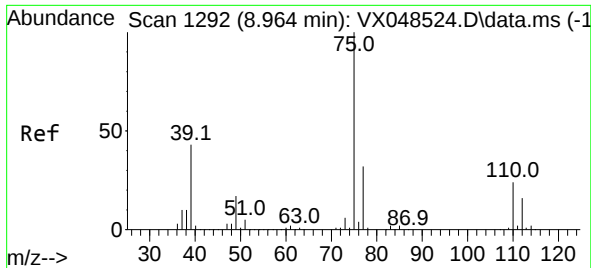
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#52
Toluene
Concen: 54.455 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion: 92 Resp: 250966
Ion Ratio Lower Upper
92 100
91 169.7 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 53.431 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 161238

Ion Ratio Lower Upper

75 100

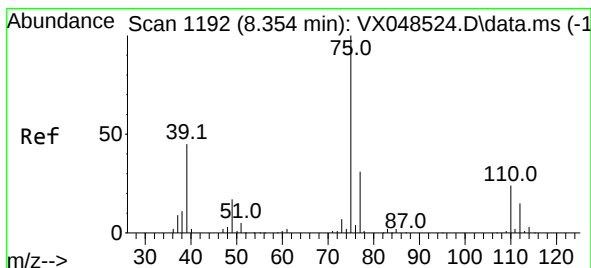
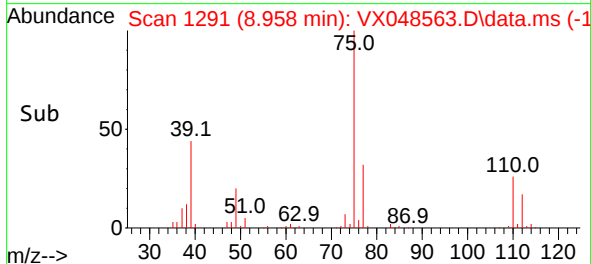
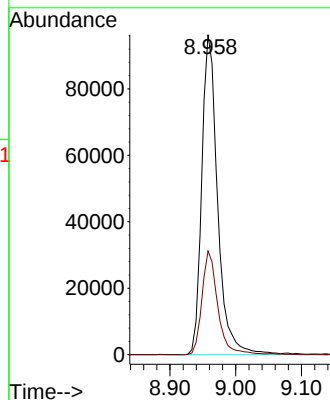
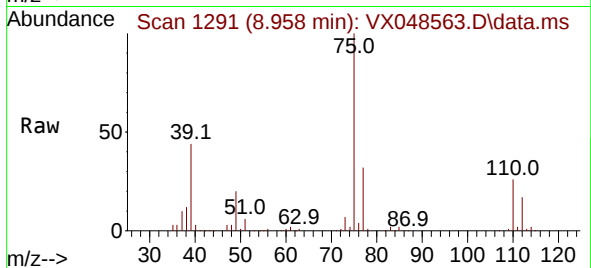
77 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#54

cis-1,3-Dichloropropene

Concen: 55.519 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

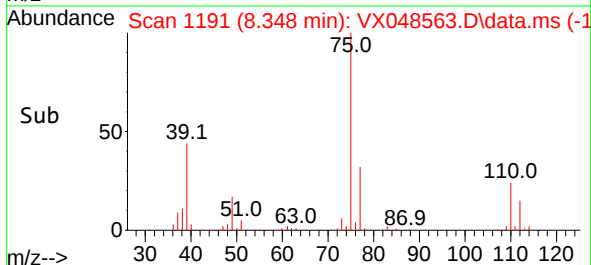
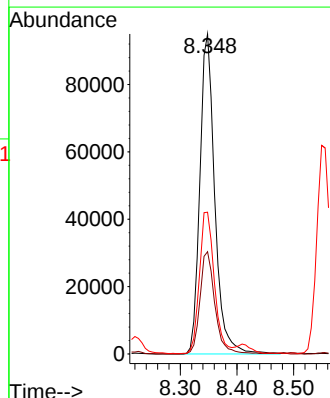
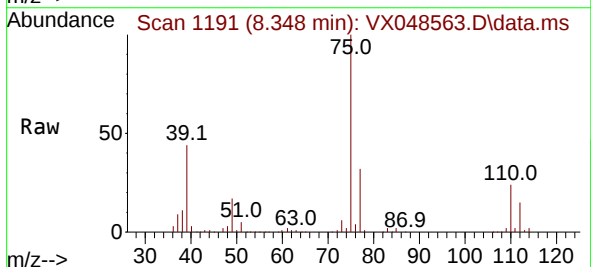
Tgt Ion: 75 Resp: 173482

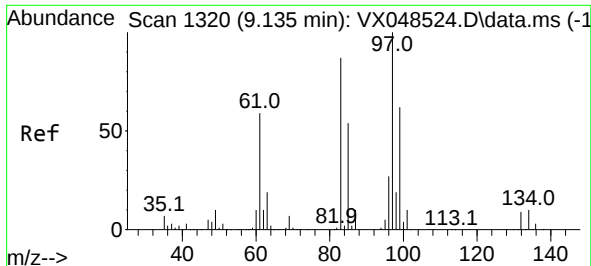
Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 44.2 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 56.788 ug/l

RT: 9.135 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 104564

Ion Ratio Lower Upper

97 100

83 83.0 69.2 103.8

85 55.5 42.8 64.2

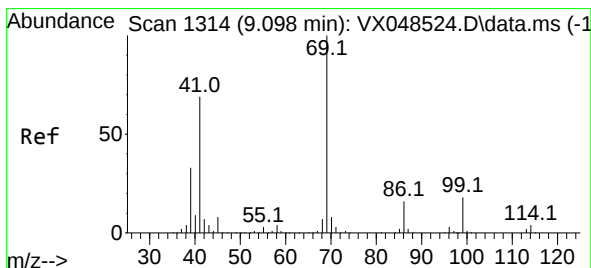
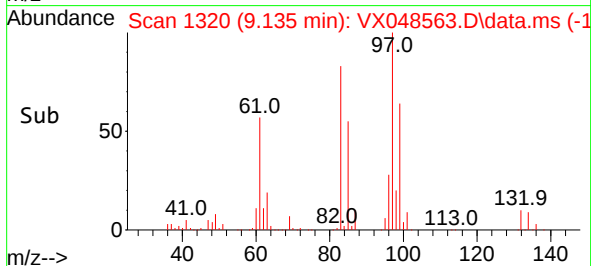
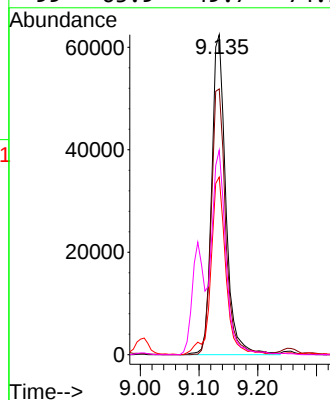
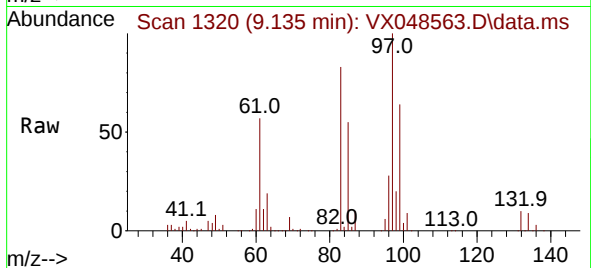
99 63.9 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#56

Ethyl methacrylate

Concen: 57.977 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

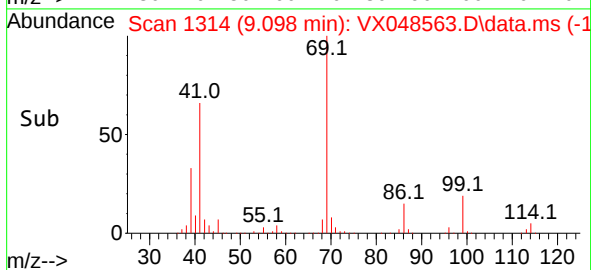
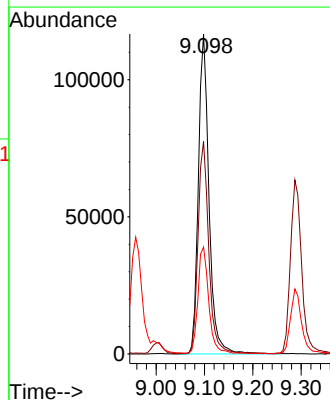
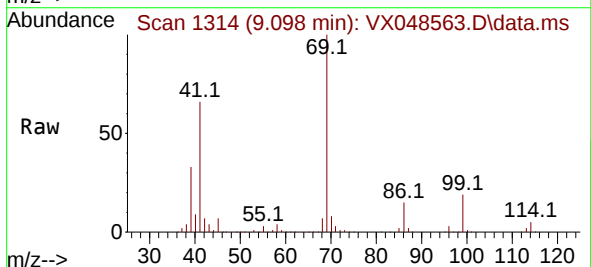
Tgt Ion: 69 Resp: 177610

Ion Ratio Lower Upper

69 100

41 66.5 53.3 79.9

39 34.5 26.1 39.1





#57

1,3-Dichloropropane

Concen: 54.405 ug/l

RT: 9.287 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 17436

Ion Ratio Lower Upper

76 100

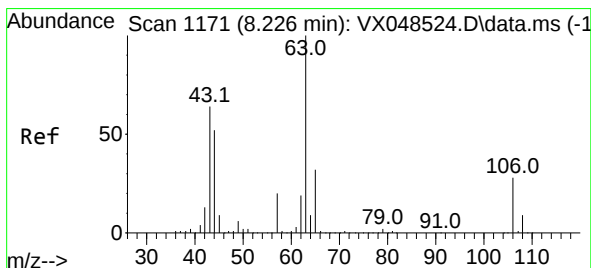
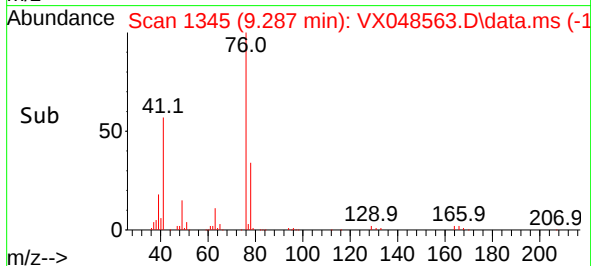
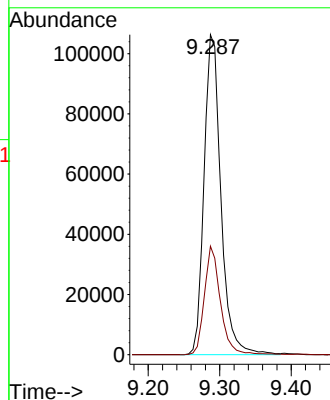
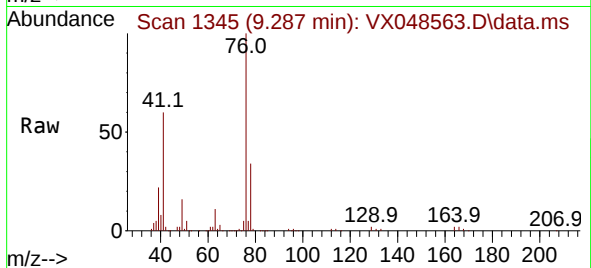
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 285.229 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048563.D

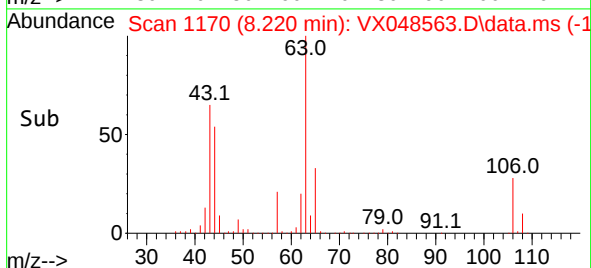
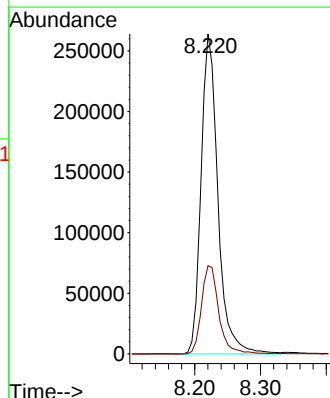
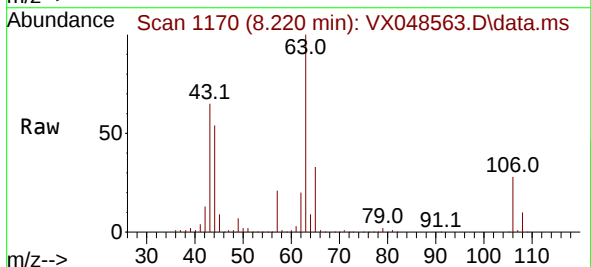
Acq: 12 Nov 2025 09:11

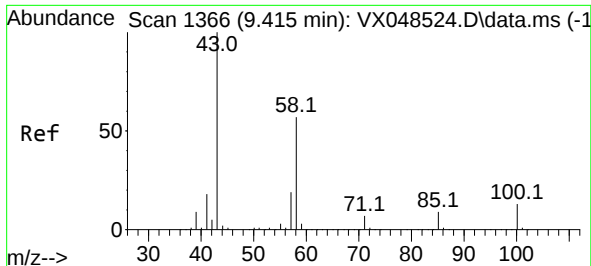
Tgt Ion: 63 Resp: 469773

Ion Ratio Lower Upper

63 100

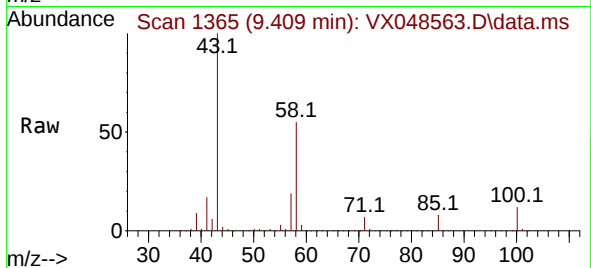
106 28.5 23.0 34.4





#59
2-Hexanone
Concen: 284.289 ug/l
RT: 9.409 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

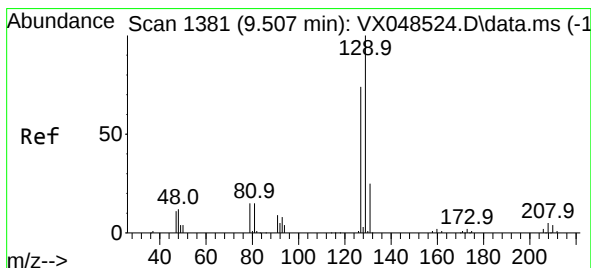
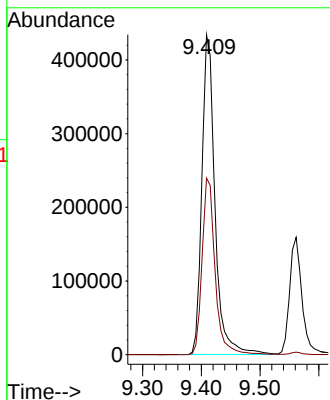
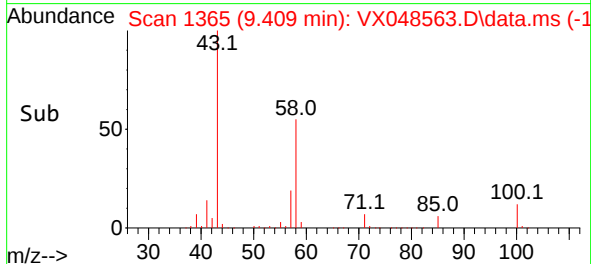
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 67263
Ion Ratio Lower Upper
43 100
58 55.0 28.1 84.2

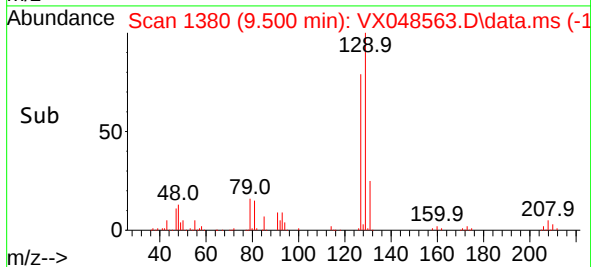
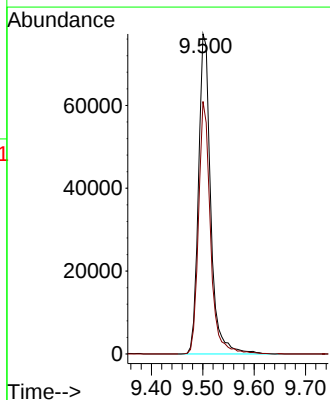
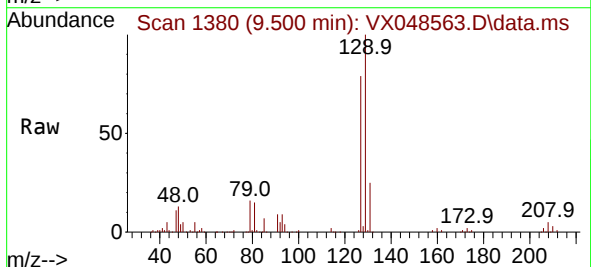
Manual Integrations
APPROVED

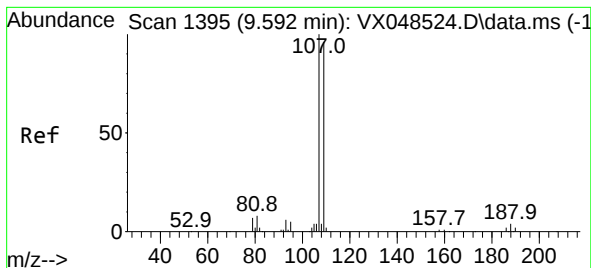
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#60
Dibromochloromethane
Concen: 56.093 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

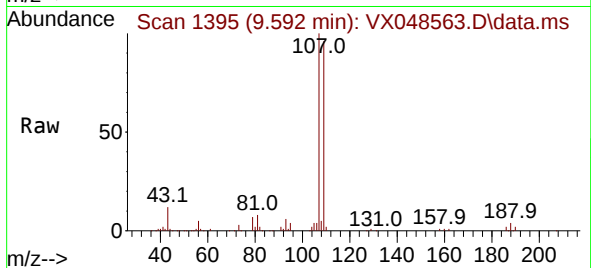
Tgt Ion:129 Resp: 126810
Ion Ratio Lower Upper
129 100
127 77.5 38.0 114.0





#61
1,2-Dibromoethane
Concen: 56.644 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

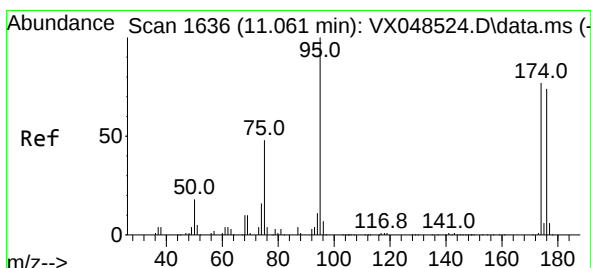
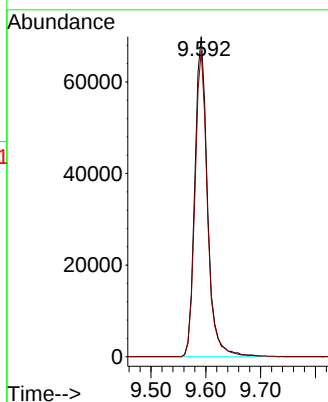
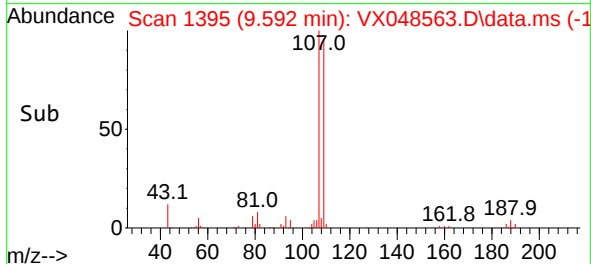
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 11296
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9

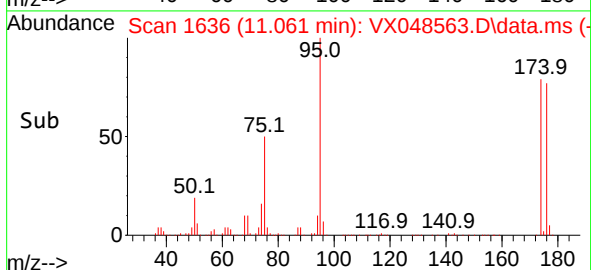
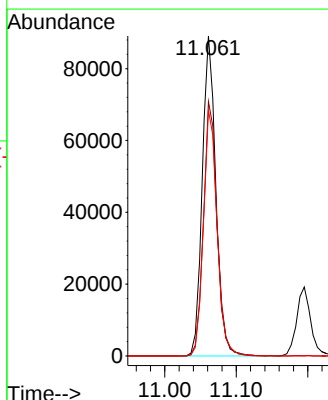
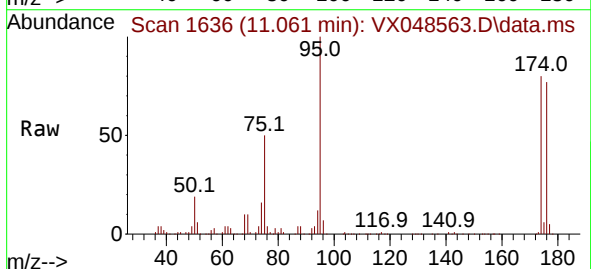
Manual Integrations
APPROVED

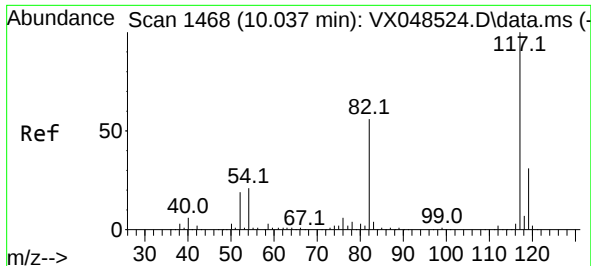
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#62
4-Bromofluorobenzene
Concen: 47.915 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

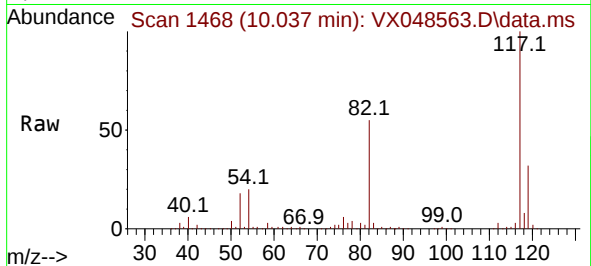
Tgt Ion: 95 Resp: 117449
Ion Ratio Lower Upper
95 100
174 79.9 0.0 161.8
176 77.0 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

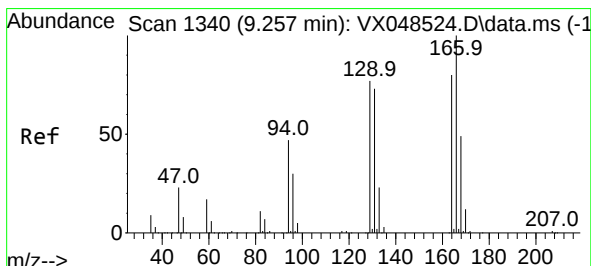
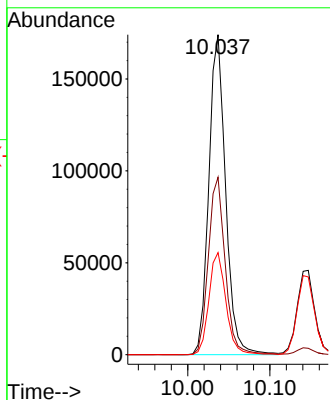
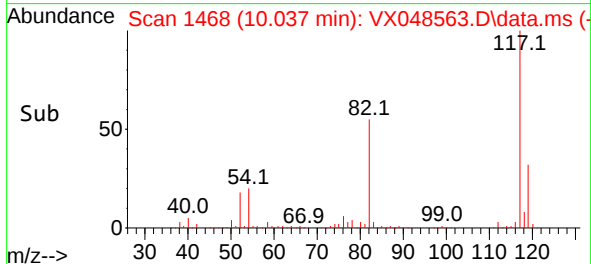
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 246918
Ion Ratio Lower Upper
117 100
82 55.5 44.4 66.6
119 31.9 25.1 37.7

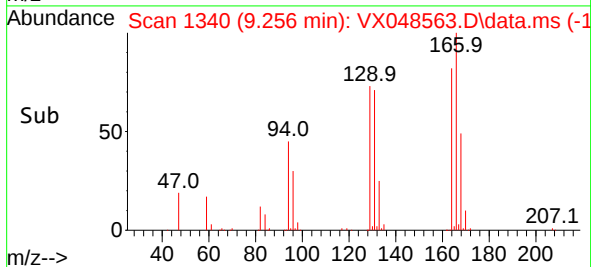
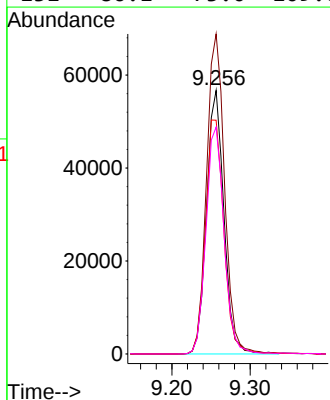
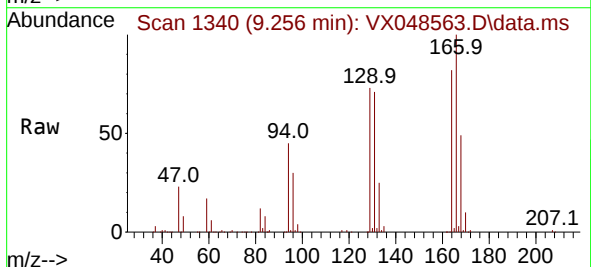
Manual Integrations
APPROVED

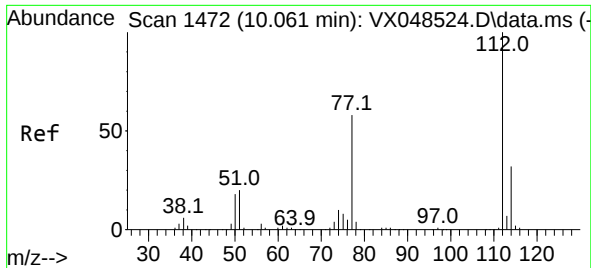
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#64
Tetrachloroethene
Concen: 48.718 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion:164 Resp: 87372
Ion Ratio Lower Upper
164 100
166 121.4 100.6 150.8
129 88.7 77.6 116.4
131 86.1 73.0 109.6





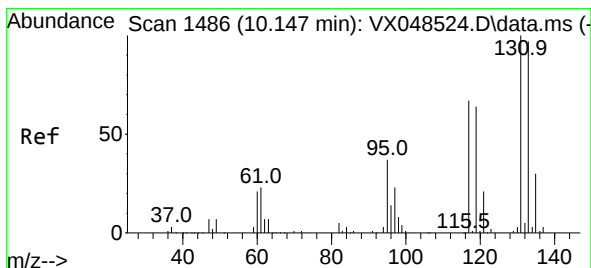
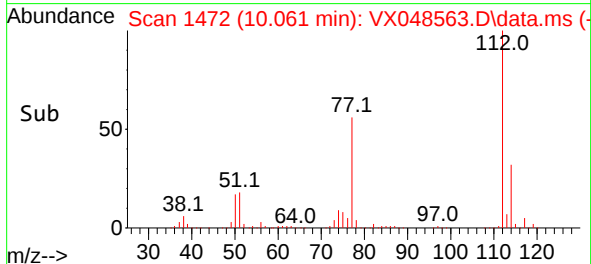
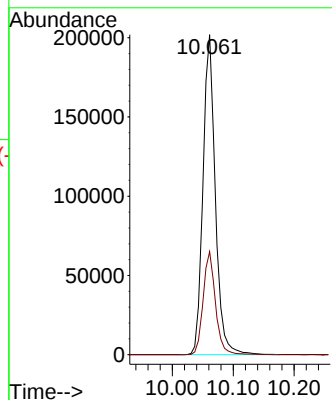
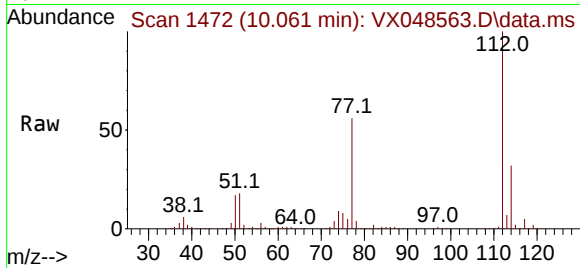
#65
Chlorobenzene
Concen: 48.618 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 284935
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

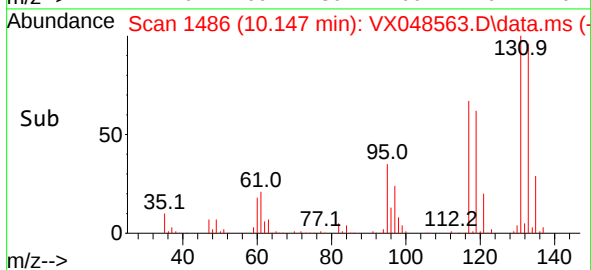
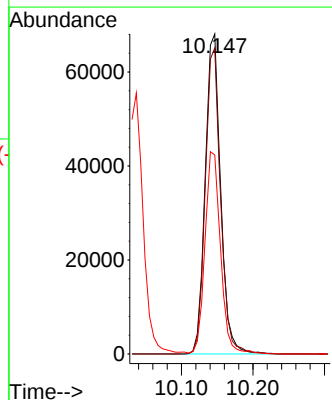
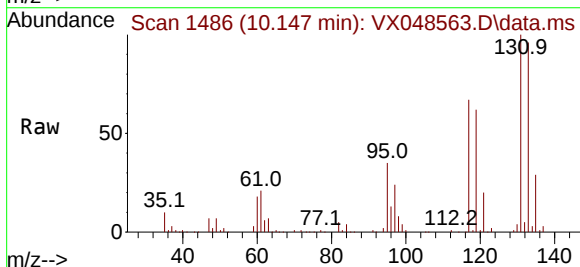
Manual Integrations
APPROVED

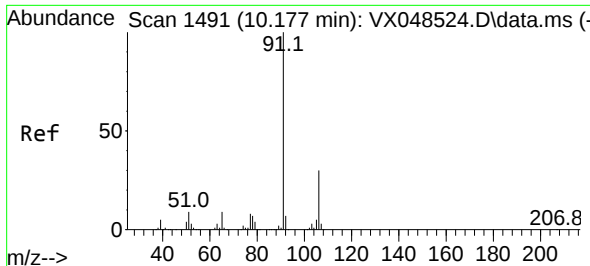
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.982 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

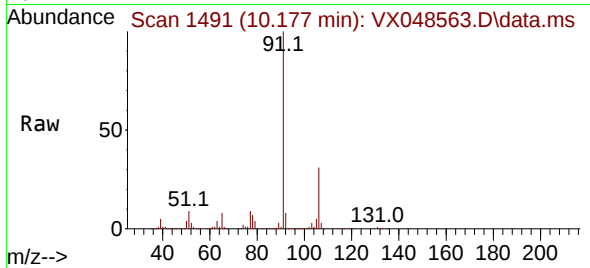
Tgt Ion:131 Resp: 102077
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 63.8 32.8 98.3





#67
Ethyl Benzene
Concen: 49.071 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

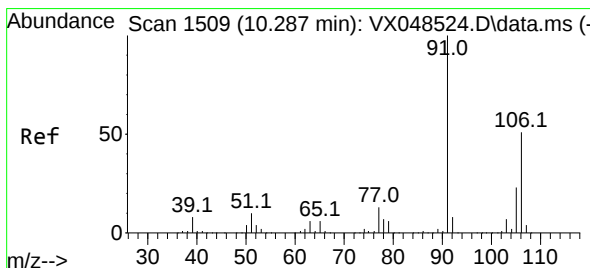
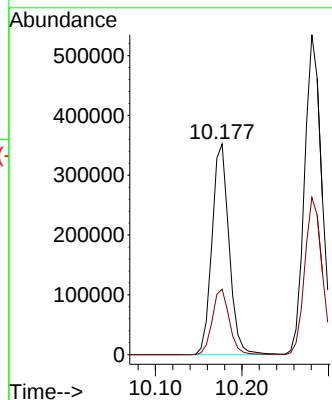
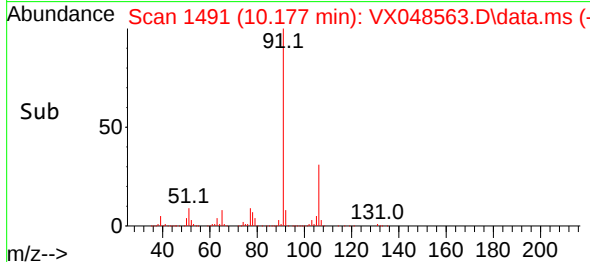
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



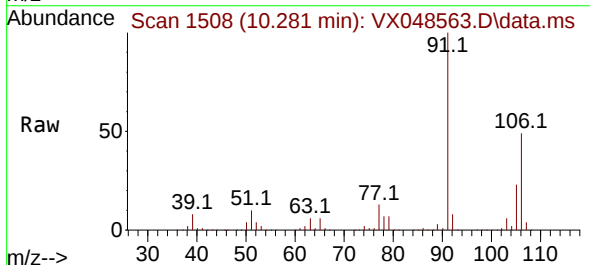
Tgt Ion: 91 Resp: 482920
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1

Manual Integrations
APPROVED

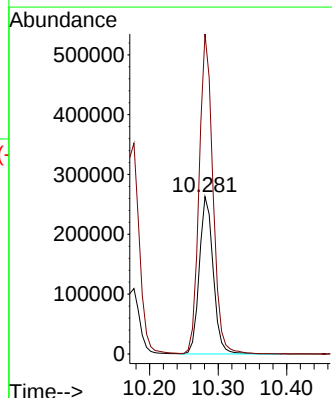
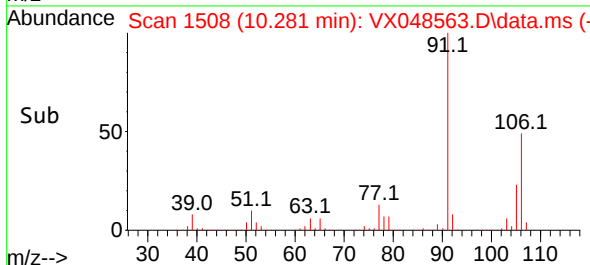
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025

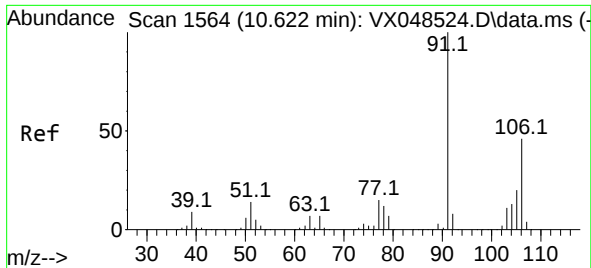


#68
m/p-Xylenes
Concen: 100.171 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11



Tgt Ion:106 Resp: 371283
Ion Ratio Lower Upper
106 100
91 201.9 159.6 239.4





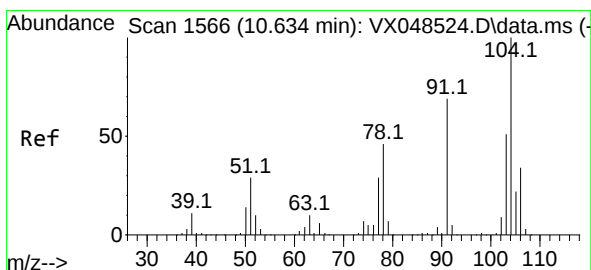
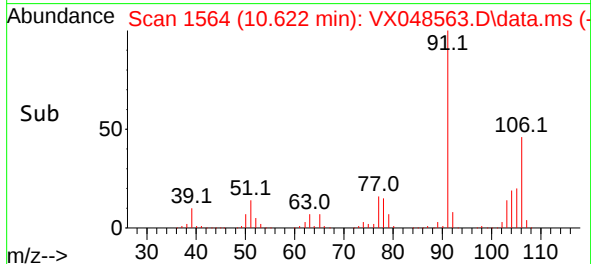
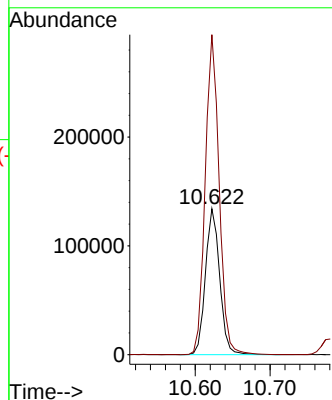
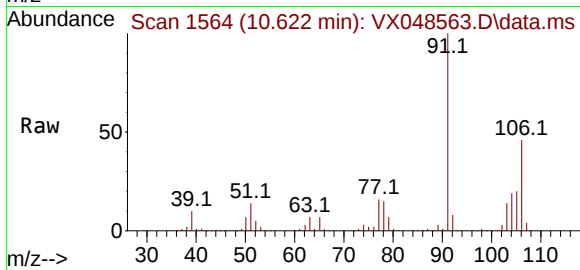
#69
o-Xylene
Concen: 48.914 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 17738
Ion Ratio Lower Upper
106 100
91 214.5 106.4 319.2

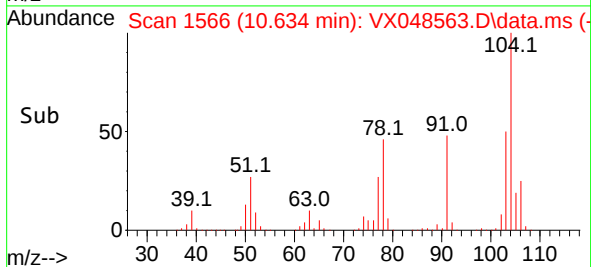
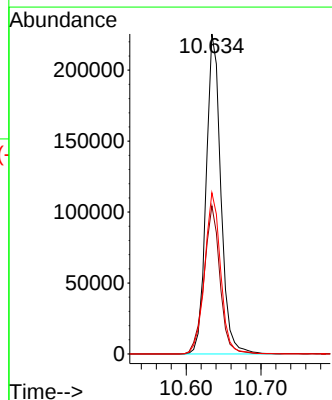
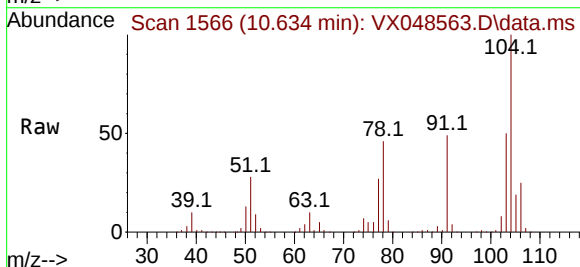
Manual Integrations
APPROVED

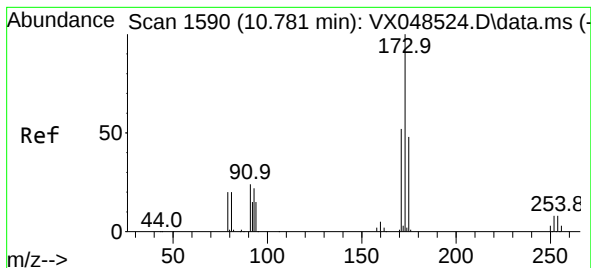
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#70
Styrene
Concen: 50.766 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion:104 Resp: 308822
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 54.5 43.1 64.7





#71

Bromoform

Concen: 50.559 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

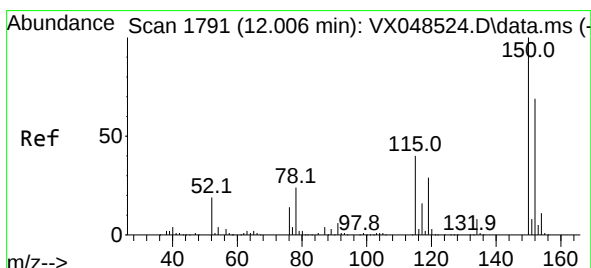
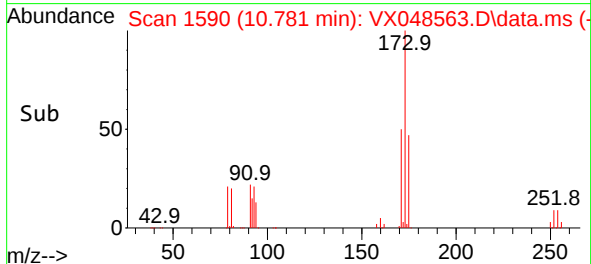
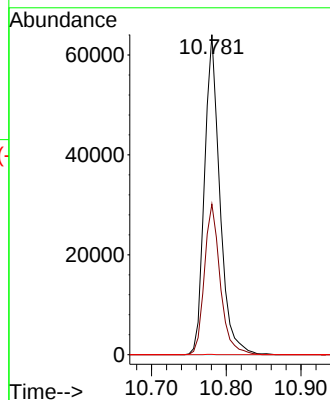
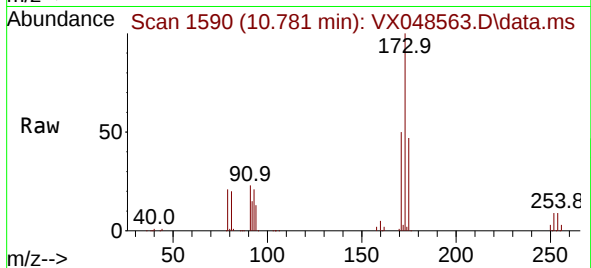
Tgt Ion:173 Resp: 91590
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.4 73.4
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

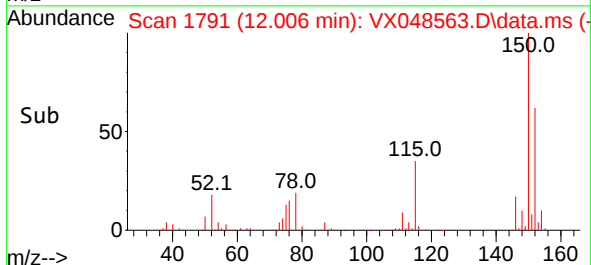
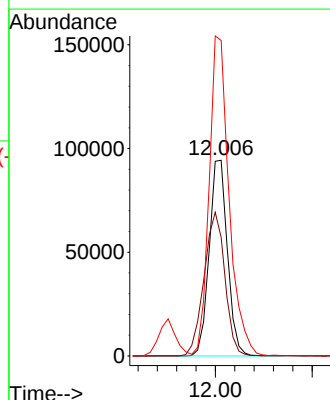
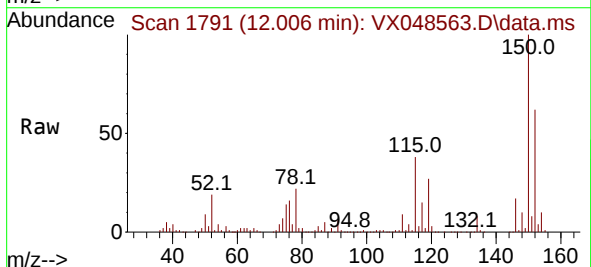
RT: 12.006 min Scan# 1791

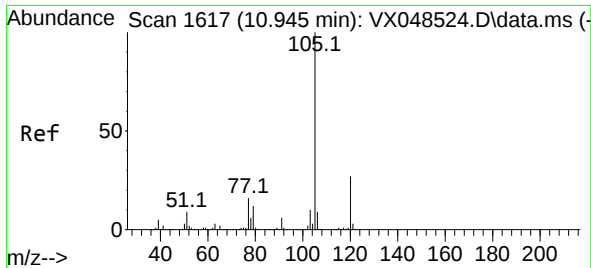
Delta R.T. -0.000 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

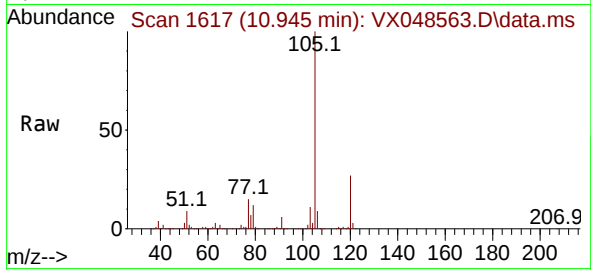
Tgt Ion:152 Resp: 123894
 Ion Ratio Lower Upper
 152 100
 115 84.1 39.2 117.6
 150 177.6 0.0 347.0





#73
Isopropylbenzene
Concen: 51.044 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

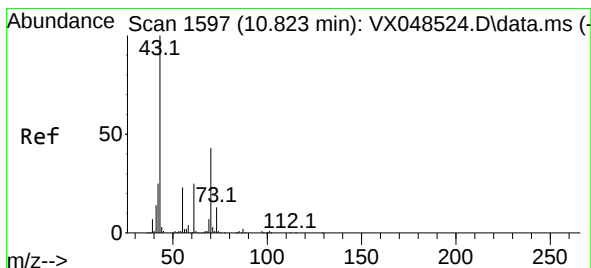
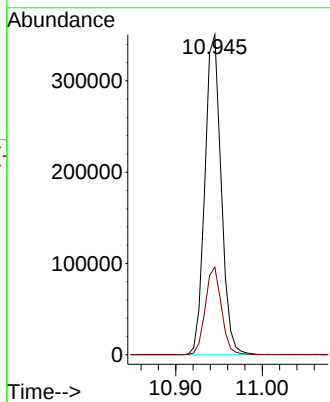
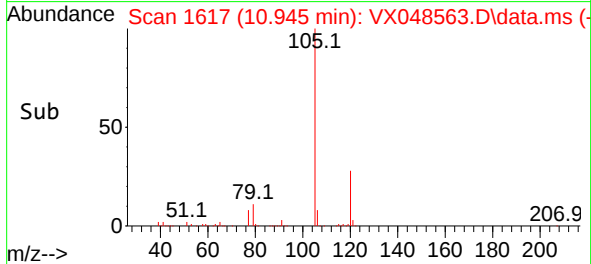
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 459039
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7

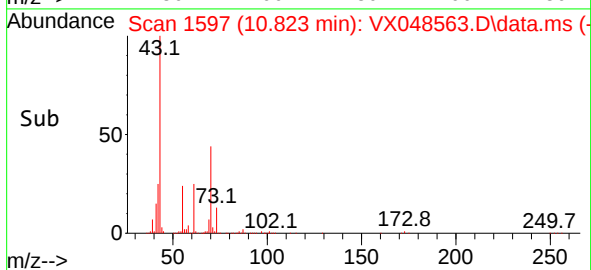
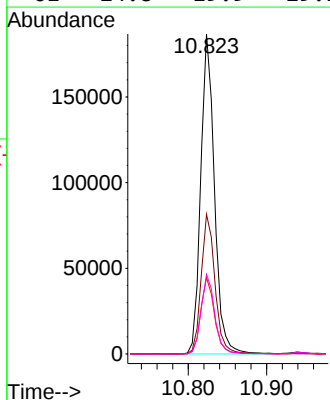
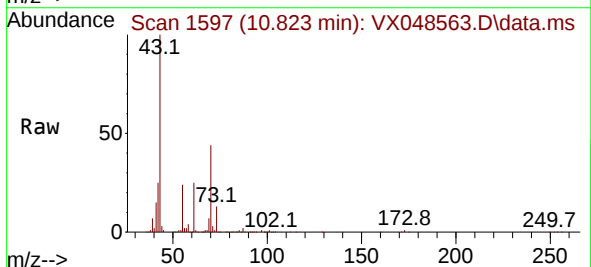
Manual Integrations
APPROVED

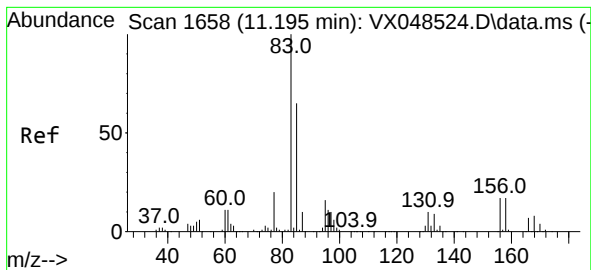
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#74
N-ethyl acetate
Concen: 50.339 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion: 43 Resp: 227306
Ion Ratio Lower Upper
43 100
70 44.3 35.1 52.7
55 24.2 19.3 28.9
61 24.8 19.9 29.9





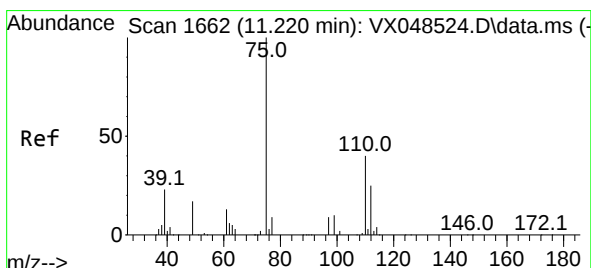
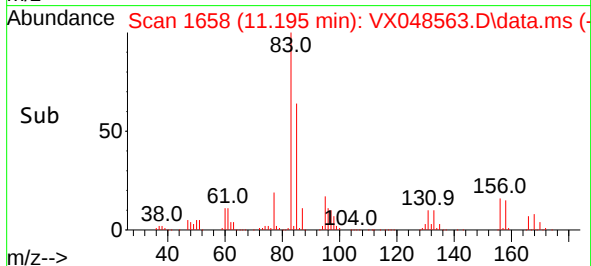
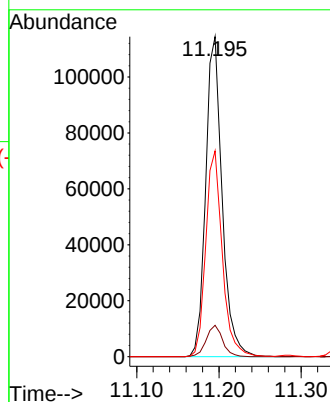
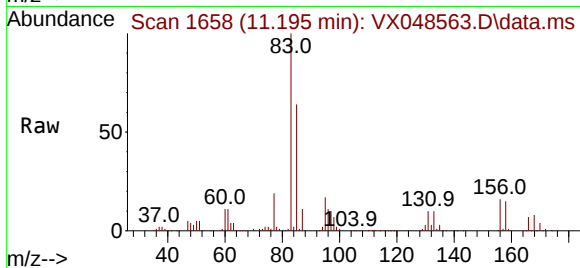
#75
1,1,2,2-Tetrachloroethane
Concen: 50.065 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 158779
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 64.7 32.3 96.8

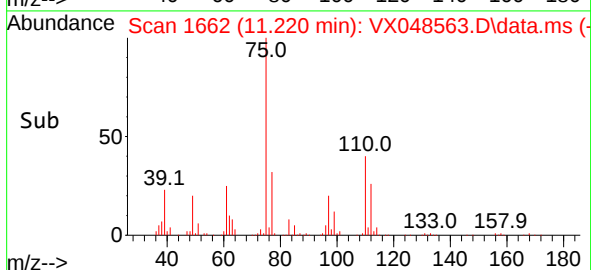
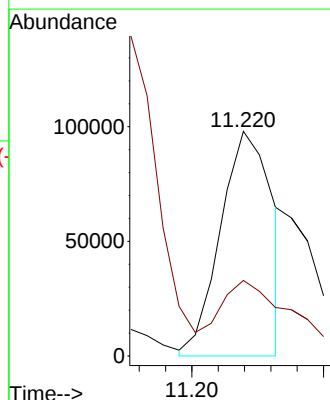
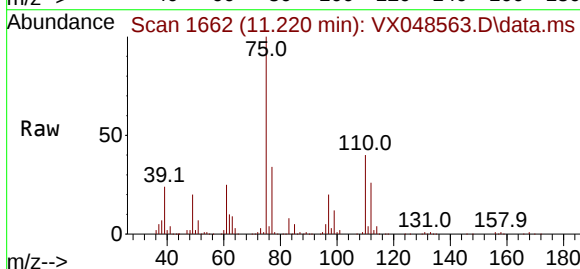
Manual Integrations
APPROVED

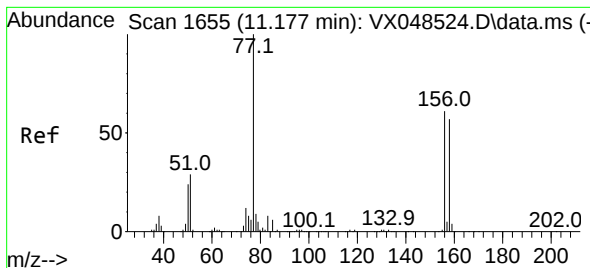
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#76
1,2,3-Trichloropropane
Concen: 44.826 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

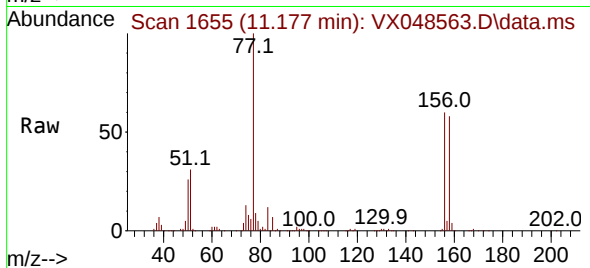
Tgt Ion: 75 Resp: 133797
Ion Ratio Lower Upper
75 100
77 47.0 24.3 72.8





#77
Bromobenzene
Concen: 50.417 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

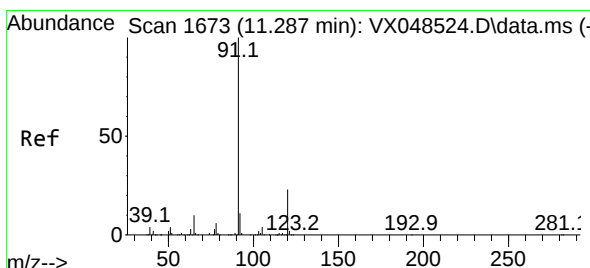
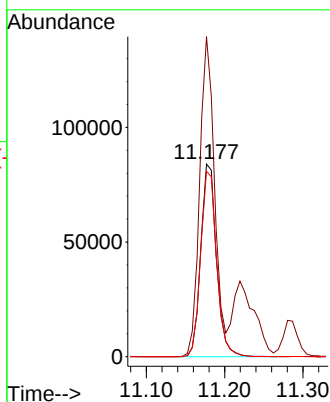
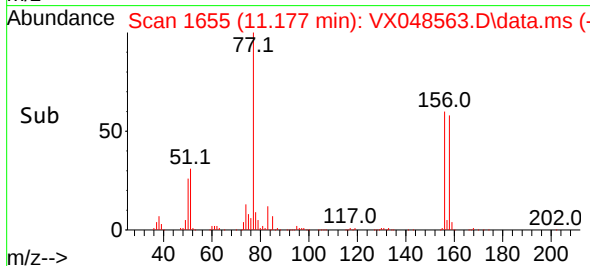
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



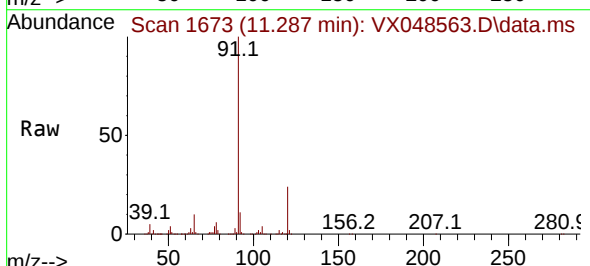
Tgt Ion:156 Resp: 117077
Ion Ratio Lower Upper
156 100
77 156.6 78.1 234.4
158 97.4 48.5 145.5

Manual Integrations
APPROVED

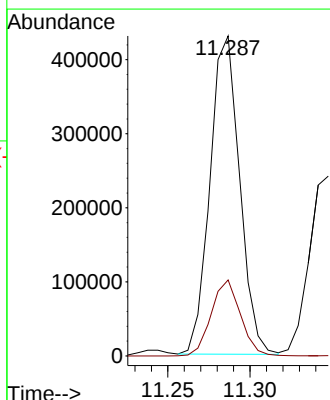
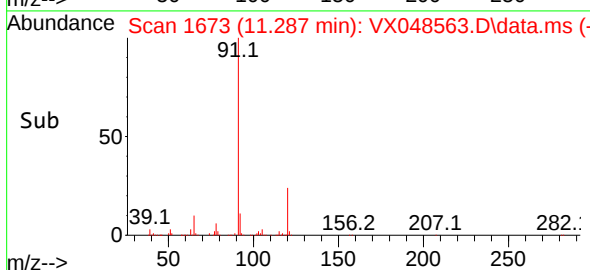
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025

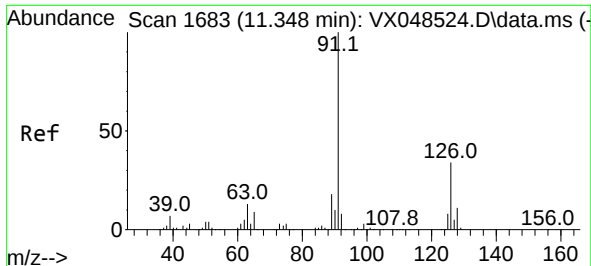


#78
n-propylbenzene
Concen: 51.033 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11



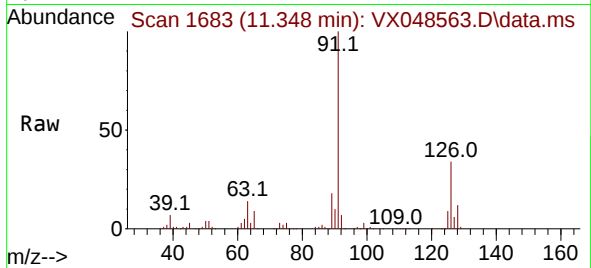
Tgt Ion: 91 Resp: 539641
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





#79
2-Chlorotoluene
Concen: 49.720 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

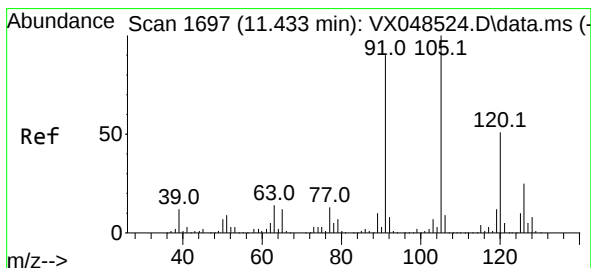
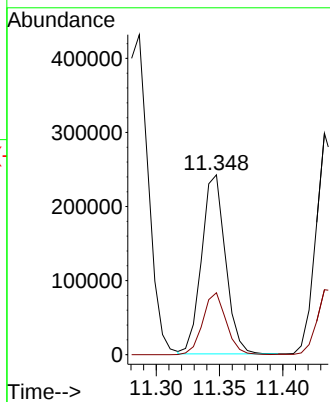
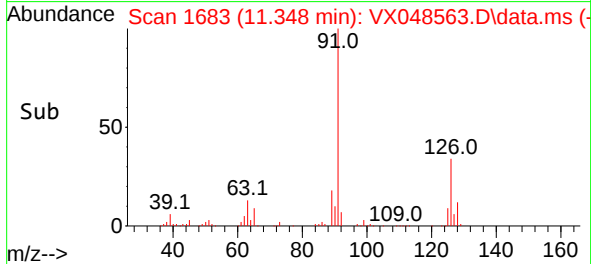
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



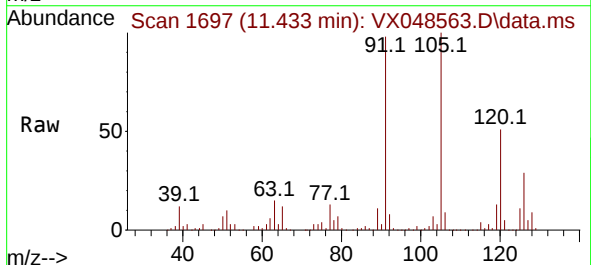
Tgt Ion: 91 Resp: 317700
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2

Manual Integrations
APPROVED

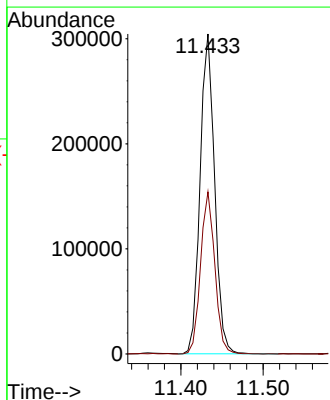
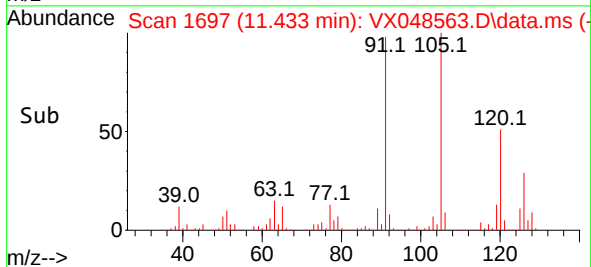
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025

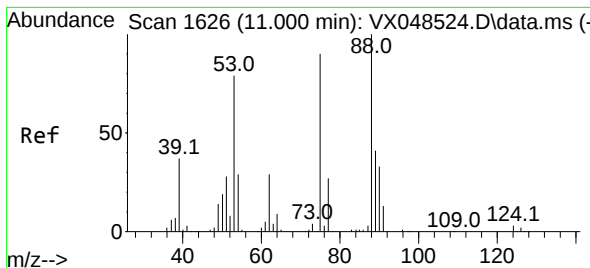


#80
1,3,5-Trimethylbenzene
Concen: 50.808 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11



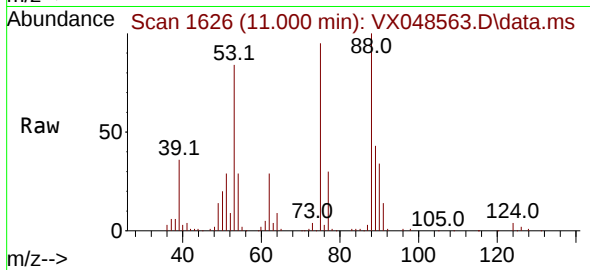
Tgt Ion:105 Resp: 372484
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.791 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

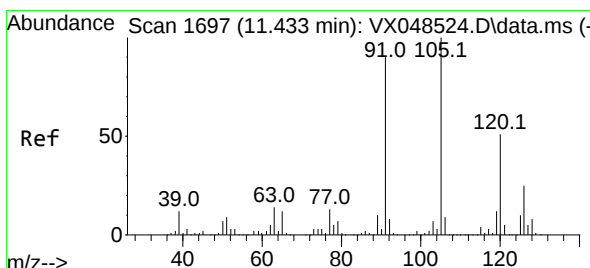
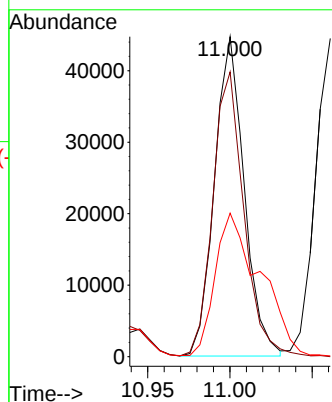
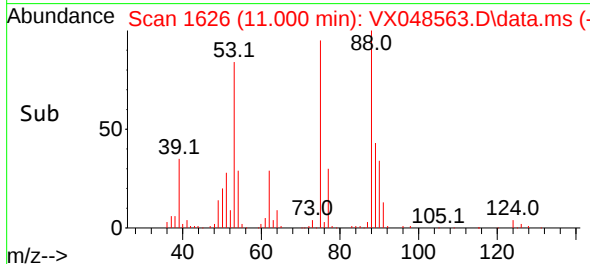
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



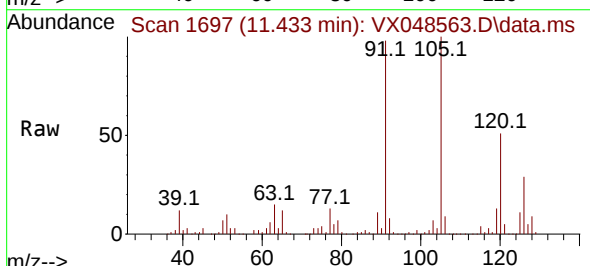
Tgt Ion: 75 Resp: 56132
Ion Ratio Lower Upper
75 100
53 93.5 72.4 108.6
89 68.6 43.6 65.4

Manual Integrations
APPROVED

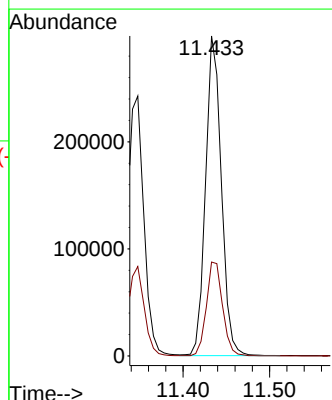
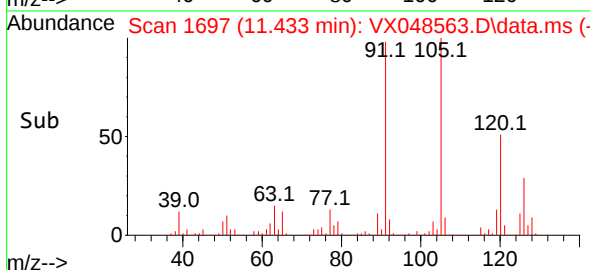
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025

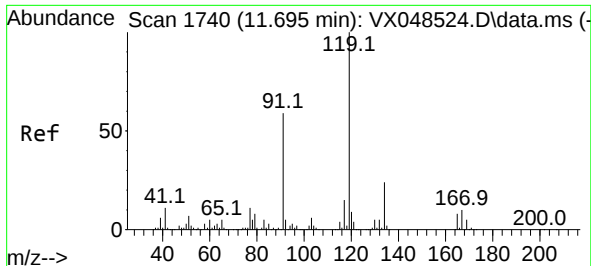


#82
4-Chlorotoluene
Concen: 50.388 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11



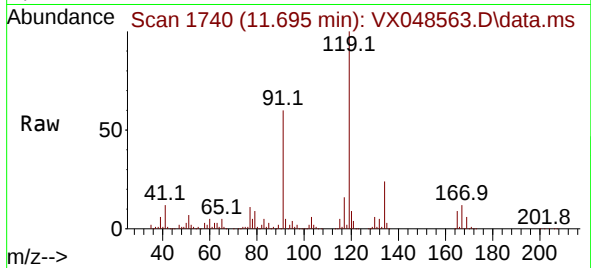
Tgt Ion: 91 Resp: 377673
Ion Ratio Lower Upper
91 100
126 30.1 14.9 44.7





#83
tert-Butylbenzene
Concen: 51.407 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

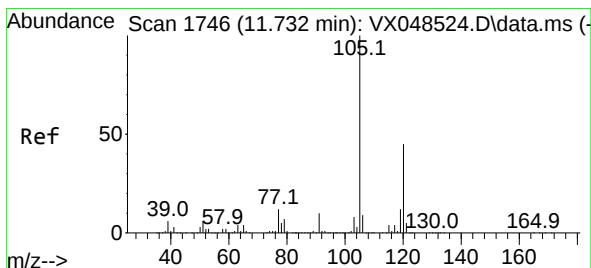
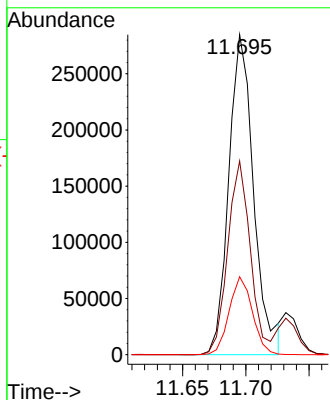
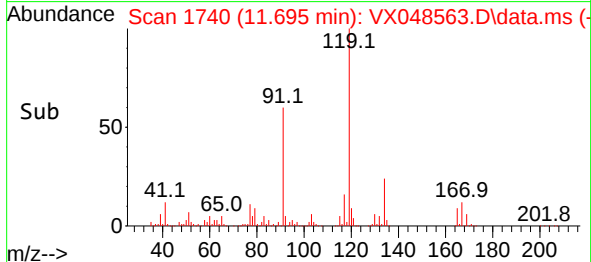
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



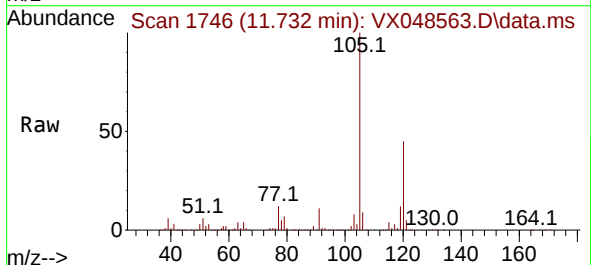
Tgt Ion:119 Resp: 389804
Ion Ratio Lower Upper
119 100
91 55.2 27.1 81.3
134 22.8 11.4 34.1

Manual Integrations
APPROVED

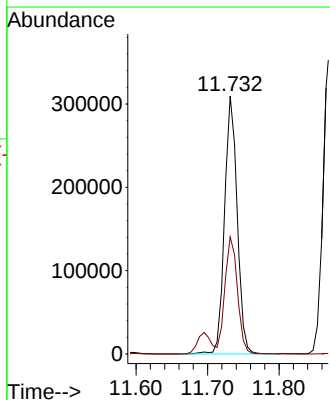
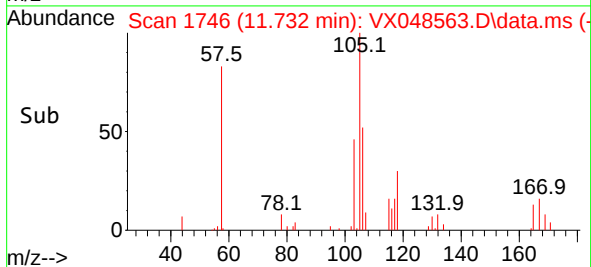
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025

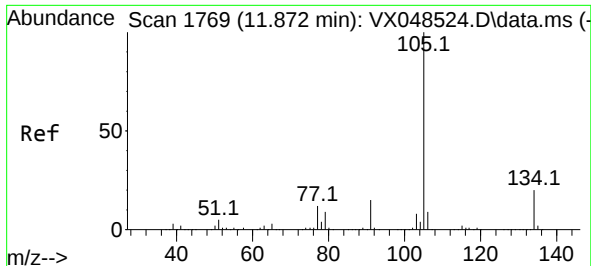


#84
1,2,4-Trimethylbenzene
Concen: 51.339 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11



Tgt Ion:105 Resp: 379754
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0





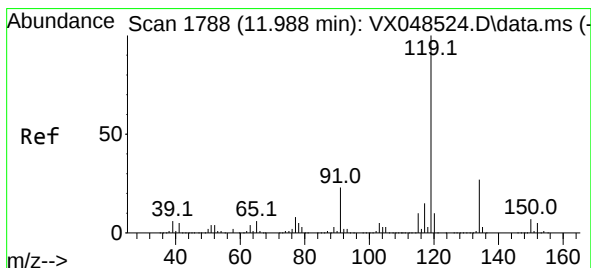
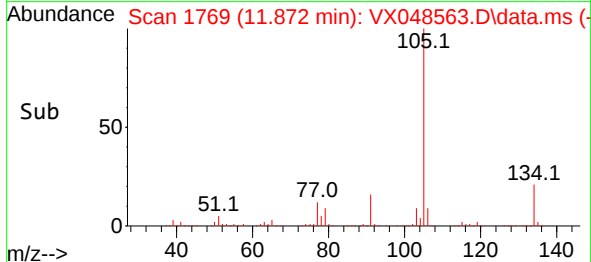
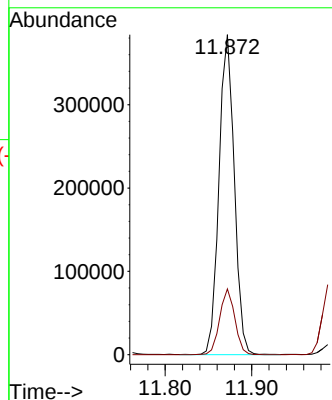
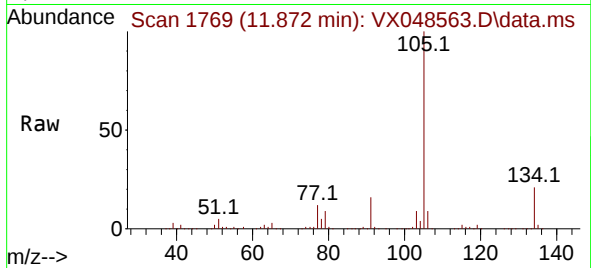
#85
 sec-Butylbenzene
 Concen: 50.251 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048563.D
 Acq: 12 Nov 2025 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 470949
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

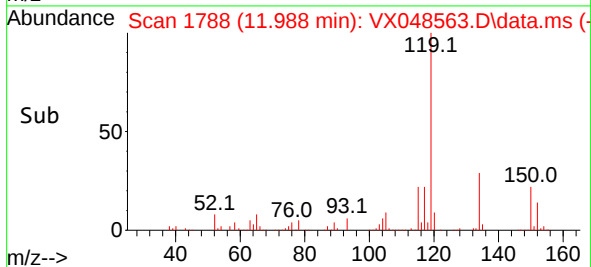
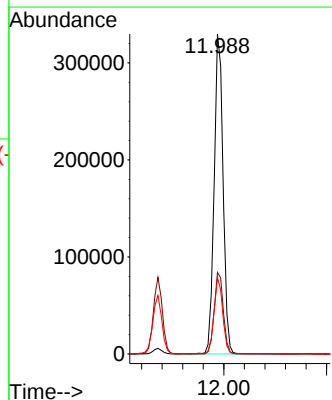
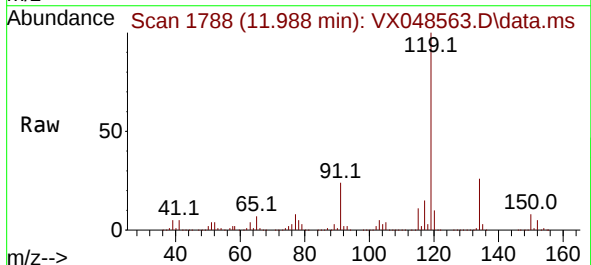
Manual Integrations
 APPROVED

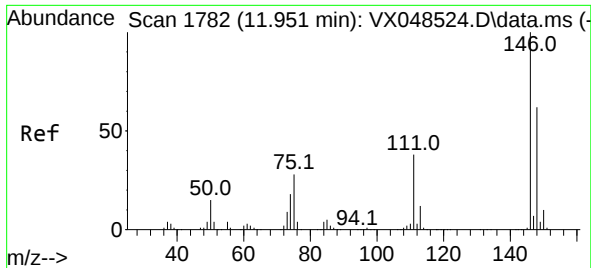
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#86
 p-Isopropyltoluene
 Concen: 50.565 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048563.D
 Acq: 12 Nov 2025 09:11

Tgt Ion:119 Resp: 398406
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 23.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.432 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 21514

Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.4

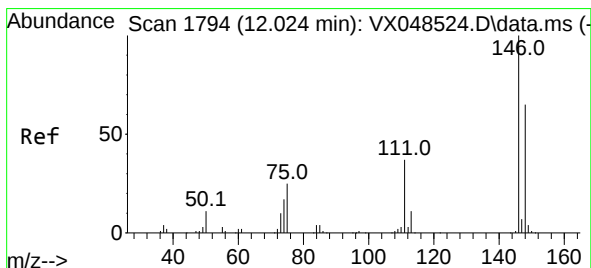
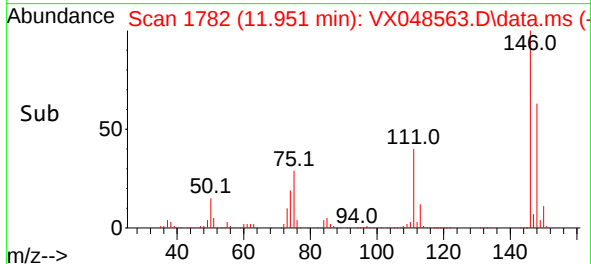
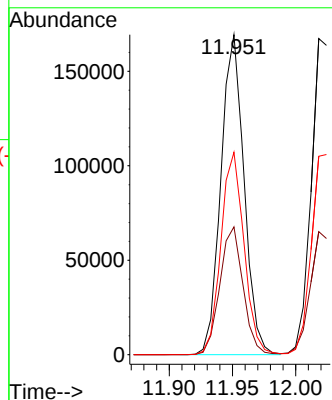
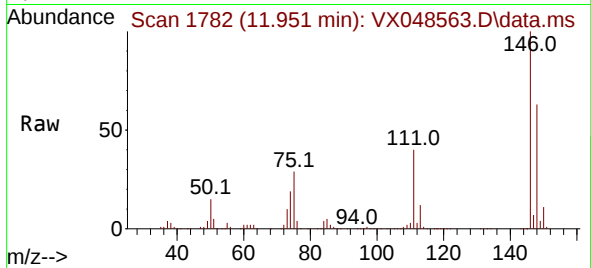
148 63.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#88

1,4-Dichlorobenzene

Concen: 48.395 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

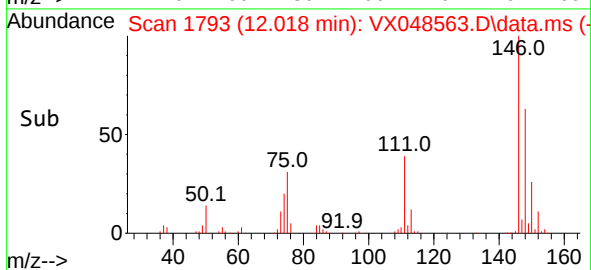
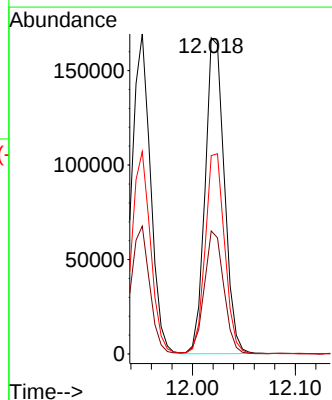
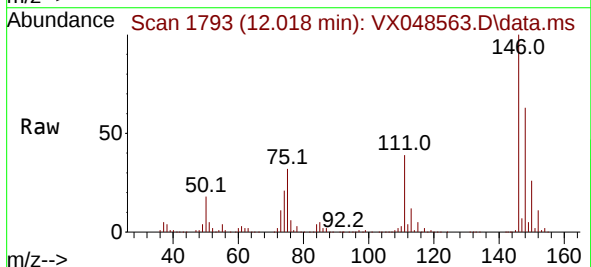
Tgt Ion:146 Resp: 217566

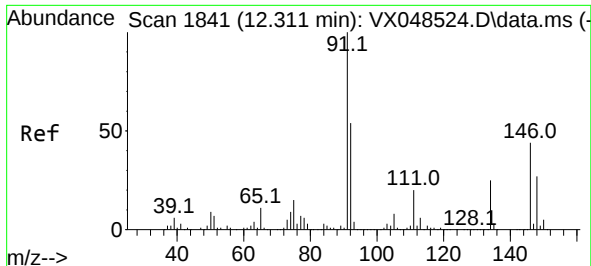
Ion Ratio Lower Upper

146 100

111 39.6 19.2 57.6

148 64.4 31.9 95.9





#89

n-Butylbenzene

Concen: 50.611 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

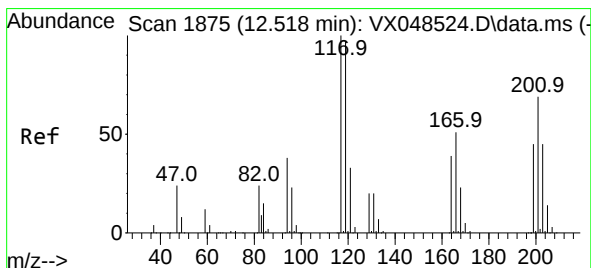
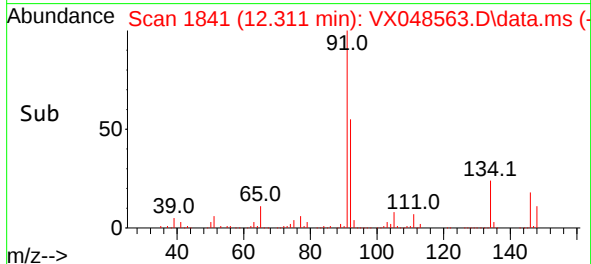
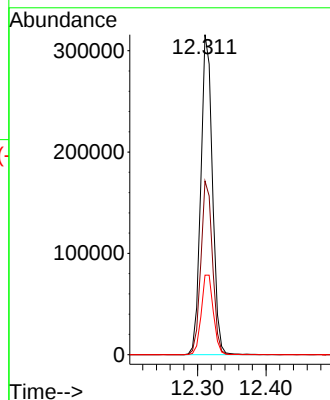
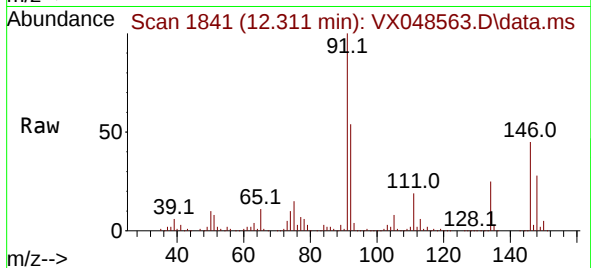
Tgt Ion: 91 Resp: 374090
 Ion Ratio Lower Upper
 91 100
 92 54.4 27.2 81.5
 134 25.8 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#90

Hexachloroethane

Concen: 48.661 ug/l

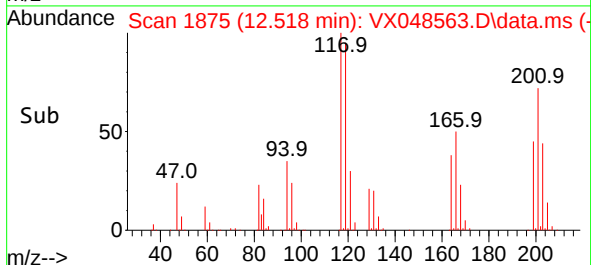
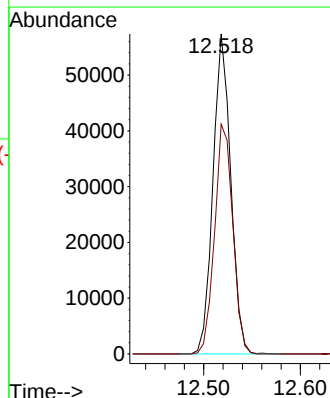
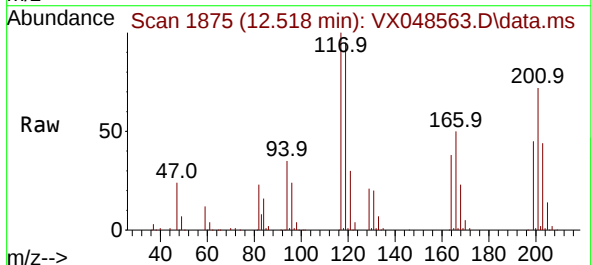
RT: 12.518 min Scan# 1875

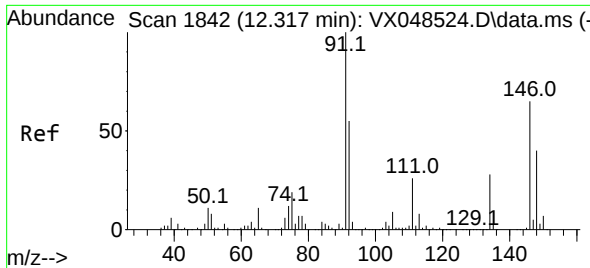
Delta R.T. -0.000 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

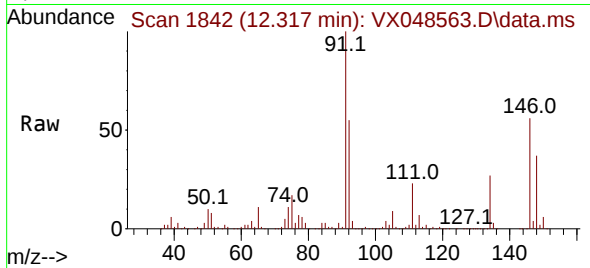
Tgt Ion:117 Resp: 73049
 Ion Ratio Lower Upper
 117 100
 201 73.5 35.9 107.8





#91
1,2-Dichlorobenzene
Concen: 49.463 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

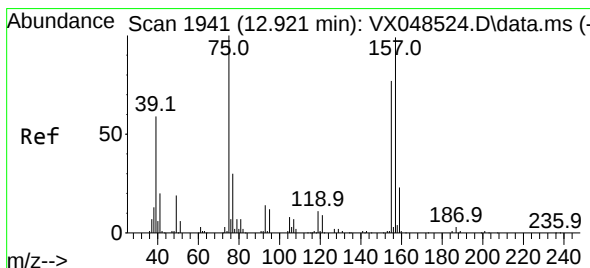
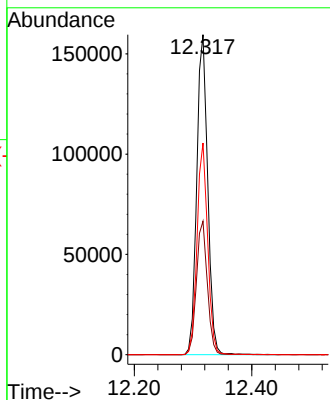
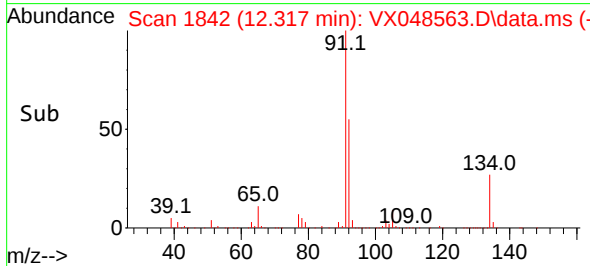
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



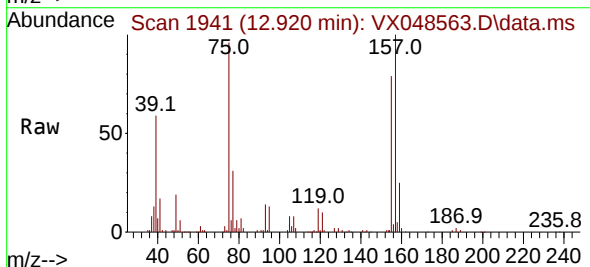
Tgt Ion:146 Resp: 20666
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.9
148 64.2 31.4 94.2

Manual Integrations
APPROVED

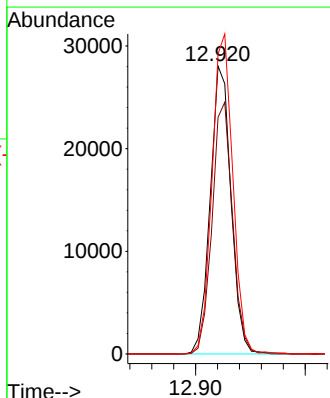
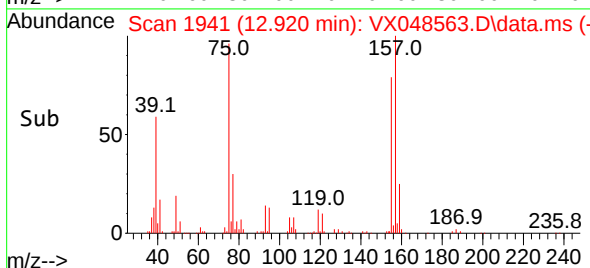
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025

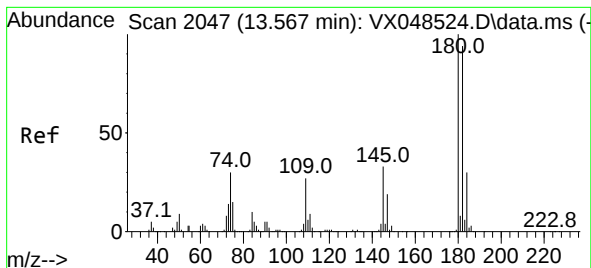


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.052 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11



Tgt Ion: 75 Resp: 36888
Ion Ratio Lower Upper
75 100
155 86.3 43.5 130.7
157 111.5 54.8 164.4





#93

1,2,4-Trichlorobenzene

Concen: 48.278 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

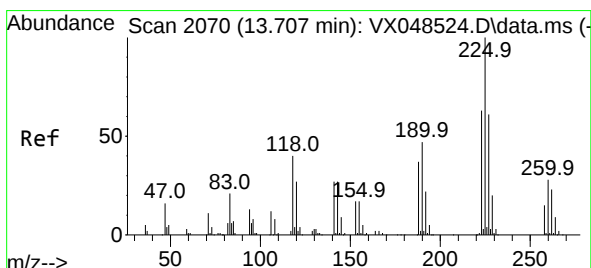
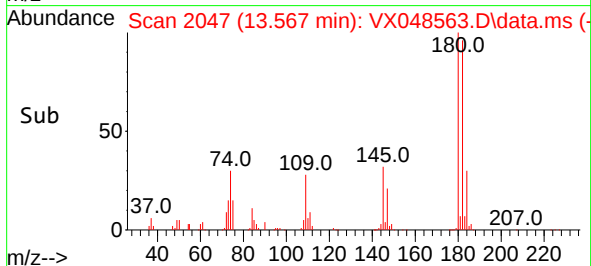
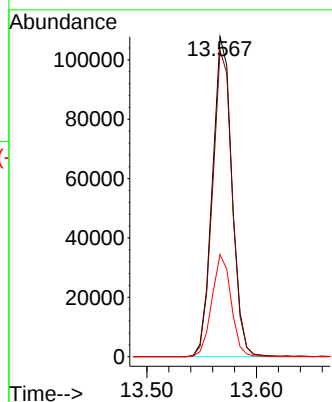
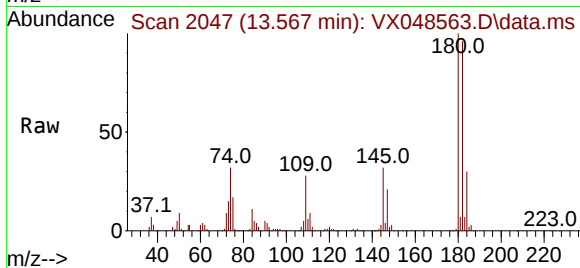
Tgt Ion:180	Resp:	13404
Ion Ratio	Lower	Upper
180	100	
182	96.0	47.5 142.6
145	31.3	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

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#94

Hexachlorobutadiene

Concen: 48.062 ug/l

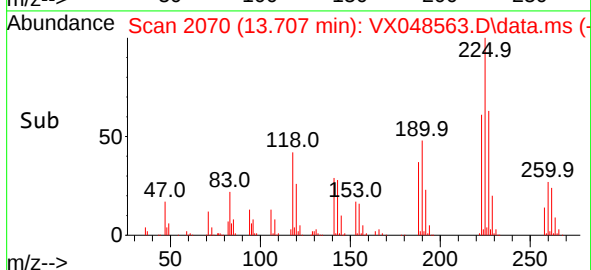
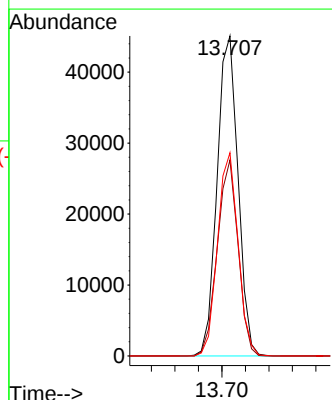
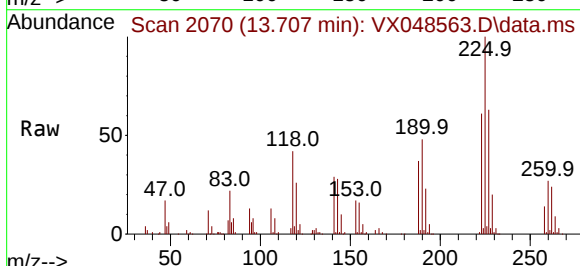
RT: 13.707 min Scan# 2070

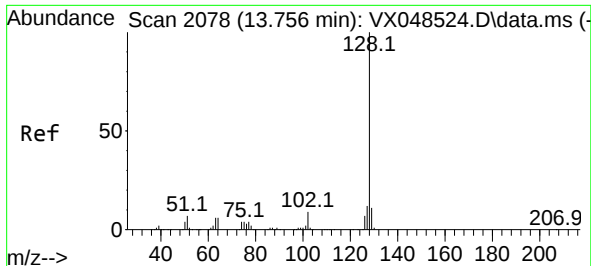
Delta R.T. -0.000 min

Lab File: VX048563.D

Acq: 12 Nov 2025 09:11

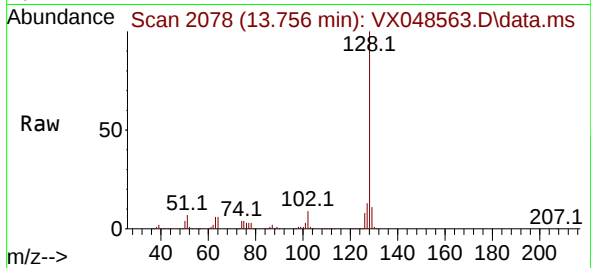
Tgt Ion:225	Resp:	55783
Ion Ratio	Lower	Upper
225	100	
223	60.6	30.6 92.0
227	62.4	32.5 97.4





#95
Naphthalene
Concen: 52.367 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

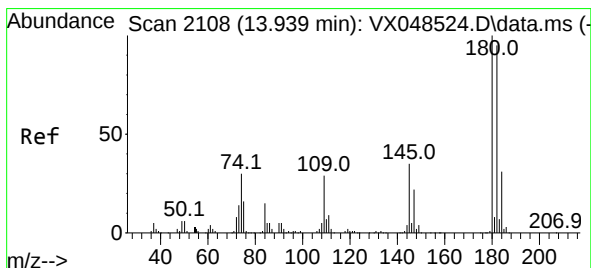
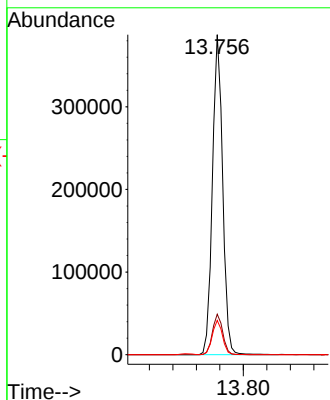
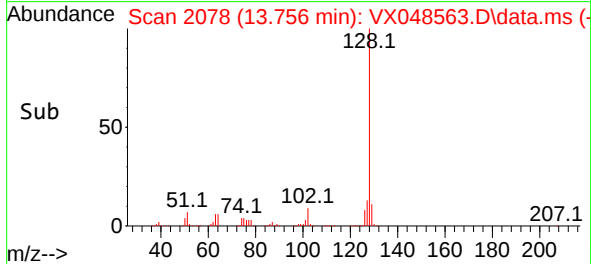
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 46746
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.753 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048563.D
Acq: 12 Nov 2025 09:11

Tgt Ion:180 Resp: 128487
Ion Ratio Lower Upper
180 100
182 95.2 47.3 142.0
145 33.4 16.7 50.0

