

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047689.D
 Acq On : 22 Sep 2025 09:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 01:27:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	186088	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	326997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	282237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	151386	51.108	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.220%			
35) Dibromofluoromethane	5.367	113	118783	54.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.320%			
50) Toluene-d8	8.629	98	398559	52.523	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.040%			
62) 4-Bromofluorobenzene	11.061	95	147405	51.184	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	130582	67.766	ug/l	99
3) Chloromethane	1.301	50	154386	60.960	ug/l	99
4) Vinyl Chloride	1.380	62	154105	62.162	ug/l	100
5) Bromomethane	1.618	94	100963	64.225	ug/l	98
6) Chloroethane	1.697	64	95237	57.477	ug/l	99
7) Trichlorofluoromethane	1.892	101	214231	58.200	ug/l	99
8) Diethyl Ether	2.136	74	81887	54.382	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	122289	56.816	ug/l	100
10) Methyl Iodide	2.453	142	180951	53.906	ug/l	99
11) Tert butyl alcohol	2.934	59	68582	207.891	ug/l	100
12) 1,1-Dichloroethene	2.325	96	125529	56.777	ug/l	97
13) Acrolein	2.233	56	82024	269.814	ug/l	99
14) Allyl chloride	2.666	41	243094	53.283	ug/l	98
15) Acrylonitrile	3.050	53	313655	256.685	ug/l	99
16) Acetone	2.367	43	299354	232.434	ug/l	98
17) Carbon Disulfide	2.514	76	364510	60.224	ug/l	98
18) Methyl Acetate	2.697	43	140835	49.136	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	417728	51.758	ug/l	97
20) Methylene Chloride	2.788	84	144810	53.119	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	131016	55.041	ug/l	99
22) Diisopropyl ether	3.745	45	471640	53.342	ug/l	90
23) Vinyl Acetate	3.709	43	1878460	265.449	ug/l	99
24) 1,1-Dichloroethane	3.599	63	253921	54.031	ug/l	98
25) 2-Butanone	4.532	43	375302	233.614	ug/l	99
26) 2,2-Dichloropropane	4.465	77	204537	52.358	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	156127	53.558	ug/l	99
28) Bromochloromethane	4.879	49	103740	50.564	ug/l	100
29) Tetrahydrofuran	4.977	42	225711	233.550	ug/l	99
30) Chloroform	5.074	83	248553	52.338	ug/l	99
31) Cyclohexane	5.452	56	204247	52.182	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	210320	52.212	ug/l	99
36) 1,1-Dichloropropene	5.672	75	165531	51.655	ug/l	99
37) Ethyl Acetate	4.690	43	160957	46.911	ug/l	99
38) Carbon Tetrachloride	5.660	117	178720	51.330	ug/l	96
39) Methylcyclohexane	7.360	83	191182	52.558	ug/l	95
40) Benzene	6.019	78	516015	53.017	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	87133	49.191	ug/l	98
42) 1,2-Dichloroethane	6.068	62	185367	50.055	ug/l	99
43) Isopropyl Acetate	6.318	43	270484	48.067	ug/l	99
44) Trichloroethene	7.104	130	127009	53.976	ug/l	95
45) 1,2-Dichloropropane	7.409	63	129510	51.965	ug/l	100
46) Dibromomethane	7.562	93	92404	50.950	ug/l	97
47) Bromodichloromethane	7.805	83	193942	51.822	ug/l	97
48) Methyl methacrylate	7.671	41	135938	48.497	ug/l	99
49) 1,4-Dioxane	7.635	88	27869	983.820	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	742395	237.947	ug/l	100
52) Toluene	8.702	92	313273	52.243	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	194304	50.900	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	214043	52.459	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	114964	49.721	ug/l	99
56) Ethyl methacrylate	9.098	69	181815	50.070	ug/l	97
57) 1,3-Dichloropropane	9.293	76	202781	51.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	433231	249.751	ug/l	99
59) 2-Hexanone	9.415	43	509641	227.437	ug/l	99
60) Dibromochloromethane	9.500	129	138233	51.886	ug/l	99
61) 1,2-Dibromoethane	9.592	107	120255	51.062	ug/l	100
64) Tetrachloroethene	9.256	164	96914	52.674	ug/l	98
65) Chlorobenzene	10.061	112	335812	52.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	116763	52.773	ug/l	99
67) Ethyl Benzene	10.177	91	581779	52.587	ug/l	100
68) m/p-Xylenes	10.281	106	434058	105.410	ug/l	99
69) o-Xylene	10.622	106	211322	53.057	ug/l	98
70) Styrene	10.634	104	366737	52.550	ug/l	98
71) Bromoform	10.781	173	87766	53.124	ug/l #	98
73) Isopropylbenzene	10.945	105	529861	51.399	ug/l	100
74) N-amyl acetate	10.823	43	231908	49.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	153486	49.211	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	124442m	45.328	ug/l	
77) Bromobenzene	11.177	156	130012	51.207	ug/l	97
78) n-propylbenzene	11.287	91	623815	51.190	ug/l	99
79) 2-Chlorotoluene	11.348	91	380369	50.962	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	436393	51.525	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	52034	48.334	ug/l	96
82) 4-Chlorotoluene	11.433	91	447005	50.709	ug/l	99
83) tert-Butylbenzene	11.695	119	428900	49.469	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	440824	51.338	ug/l	99
85) sec-Butylbenzene	11.872	105	518888	50.386	ug/l	100
86) p-Isopropyltoluene	11.988	119	437167	50.142	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	238855	50.649	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	238927	49.364	ug/l	99
89) n-Butylbenzene	12.311	91	406919	50.441	ug/l	99
90) Hexachloroethane	12.518	117	79281	51.794	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	227197	50.568	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	28445	45.046	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	143201	49.042	ug/l	100
94) Hexachlorobutadiene	13.707	225	46654	47.039	ug/l	99
95) Naphthalene	13.756	128	414295	46.595	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	130139	47.912	ug/l	99

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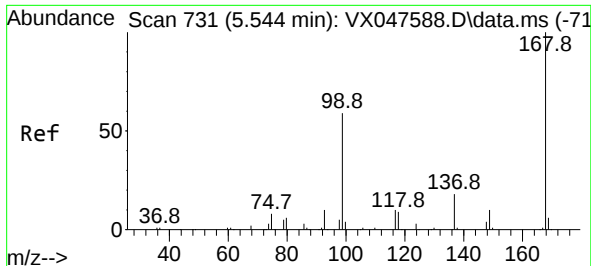
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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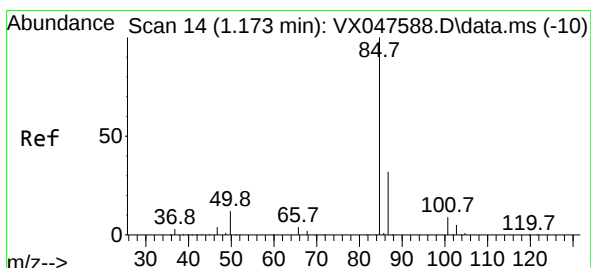
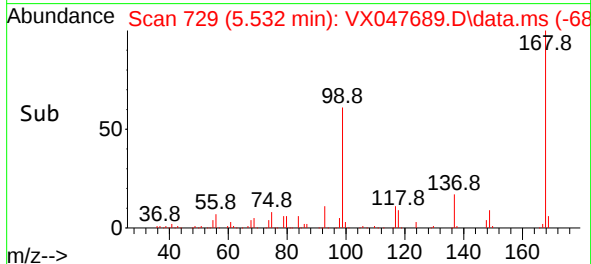
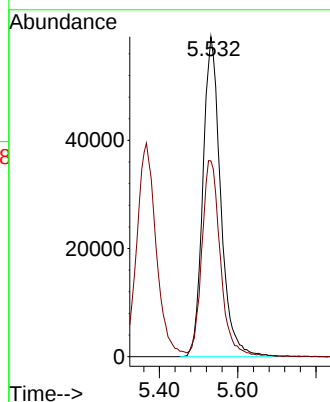
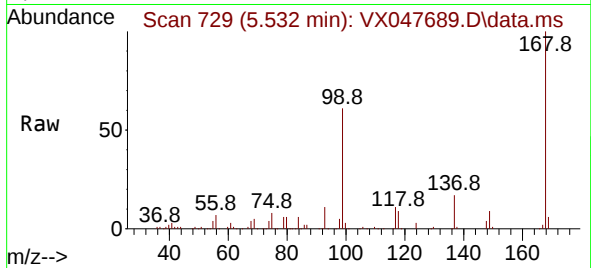
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047689.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 186088
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2

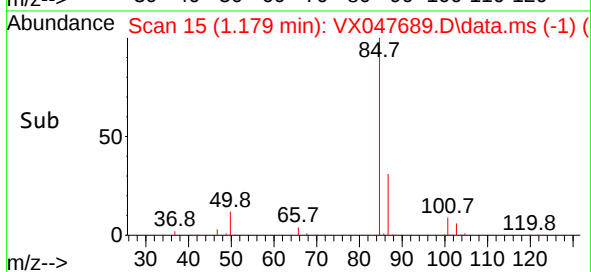
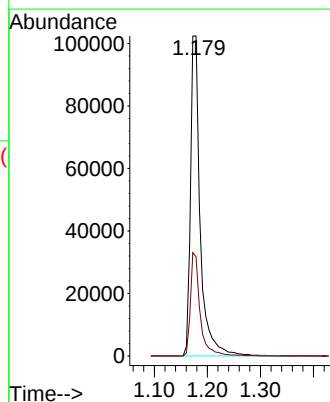
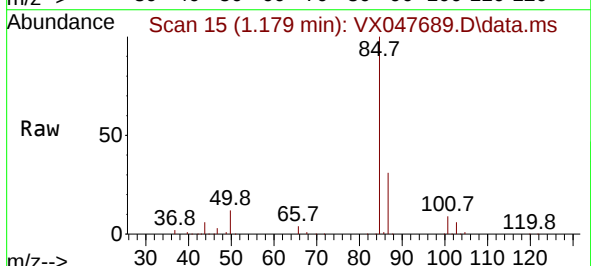
Manual Integrations
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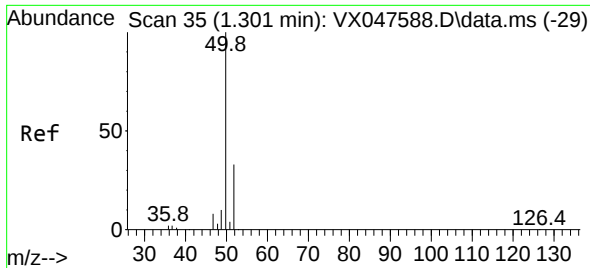
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#2
Dichlorodifluoromethane
Concen: 67.766 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Tgt Ion: 85 Resp: 130582
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.3





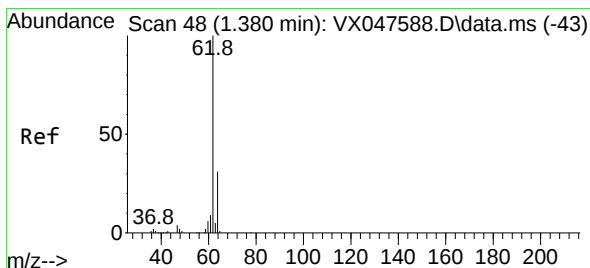
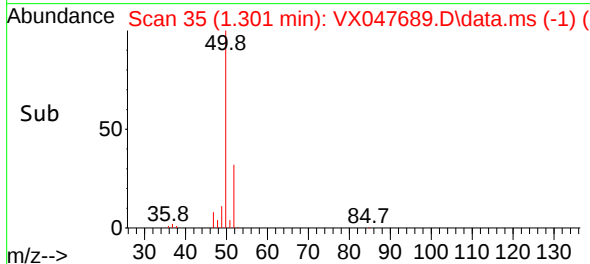
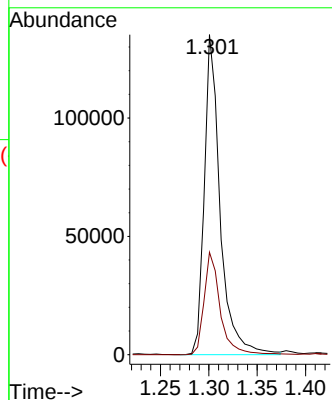
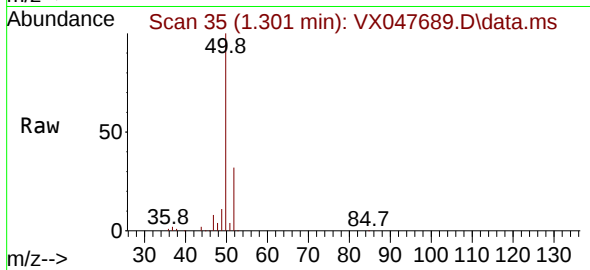
#3
Chloromethane
Concen: 60.960 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 154380
Ion Ratio Lower Upper
50 100
52 32.0 26.1 39.1

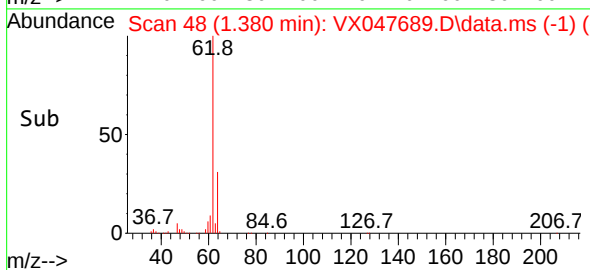
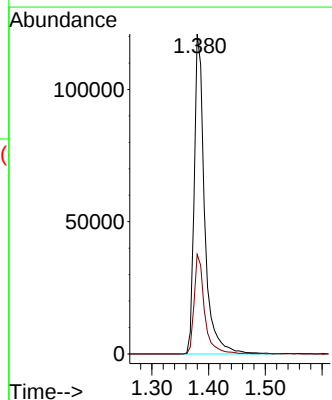
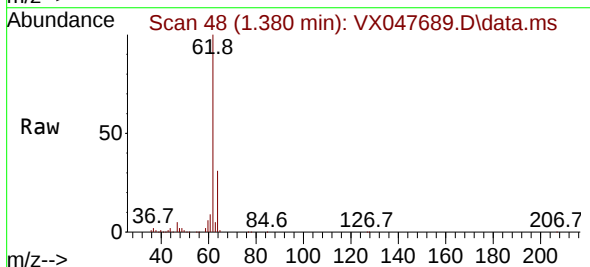
Manual Integrations
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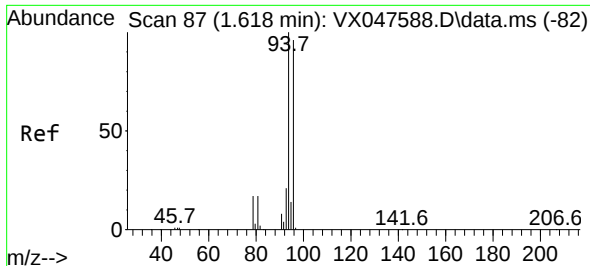
Reviewed By :John Carlone 09/23/2025
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#4
Vinyl Chloride
Concen: 62.162 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

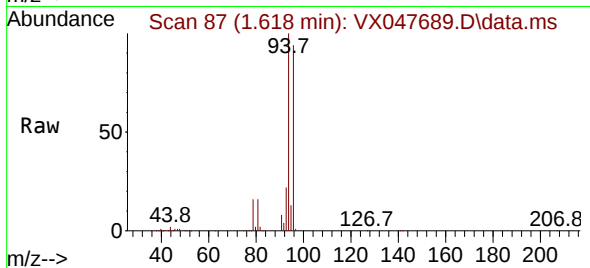
Tgt Ion: 62 Resp: 154105
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3





#5
Bromomethane
Concen: 64.225 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

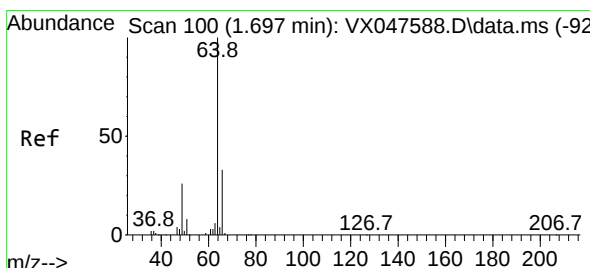
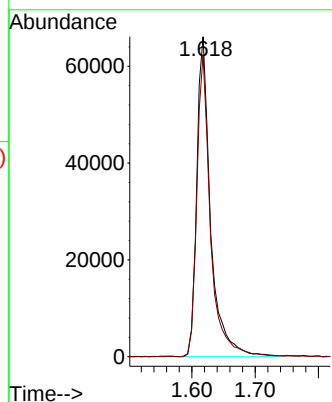
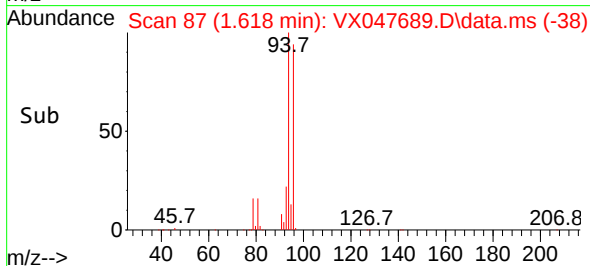
Instrument :
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Tgt Ion: 94 Resp: 10096
Ion Ratio Lower Upper
94 100
96 94.1 76.6 115.0

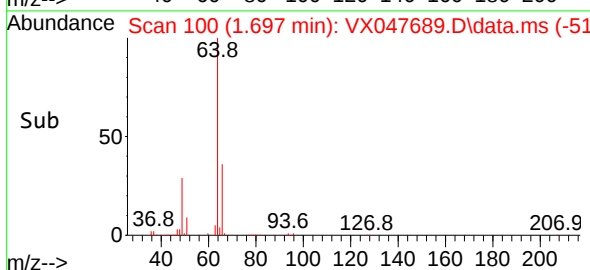
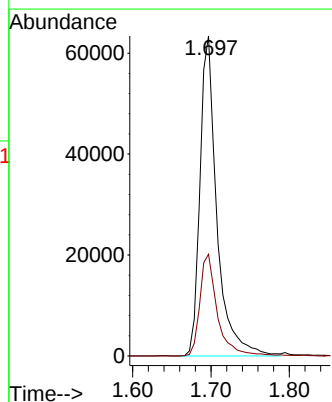
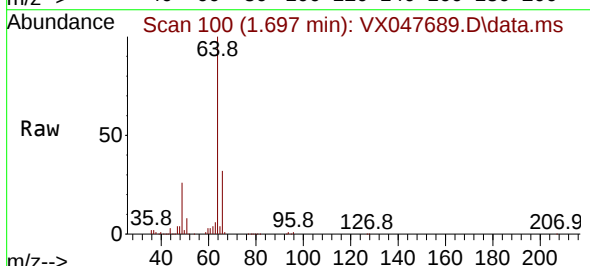
Manual Integrations
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#6
Chloroethane
Concen: 57.477 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047689.D
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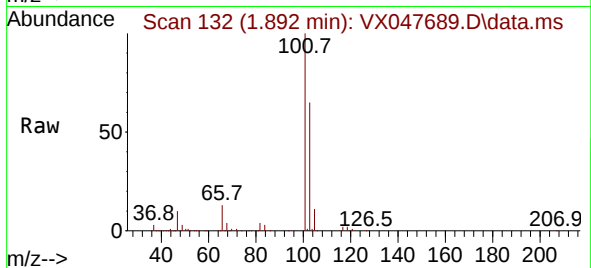
Tgt Ion: 64 Resp: 95237
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 58.200 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047689.D
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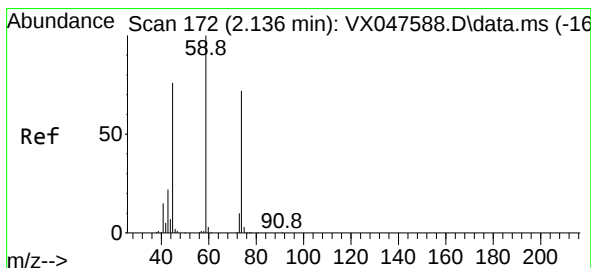
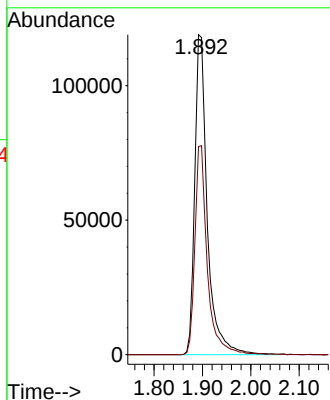
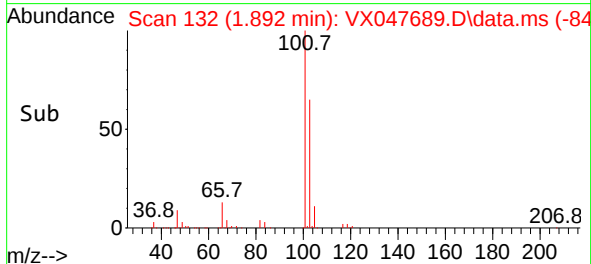
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 21423
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

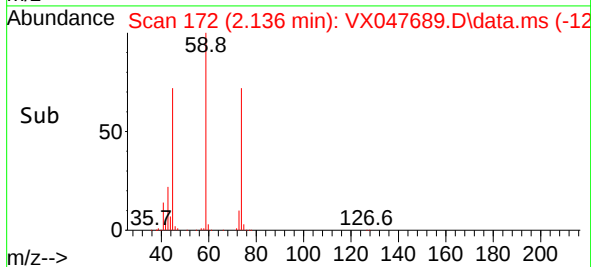
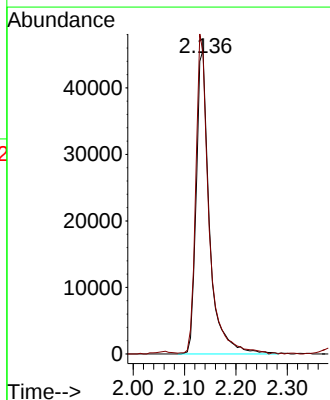
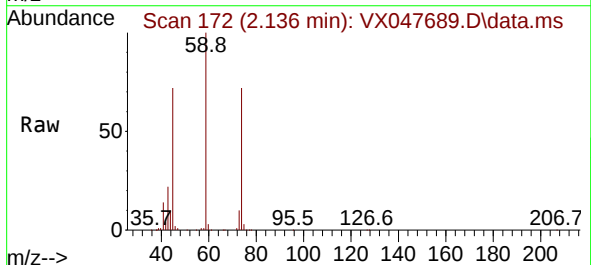
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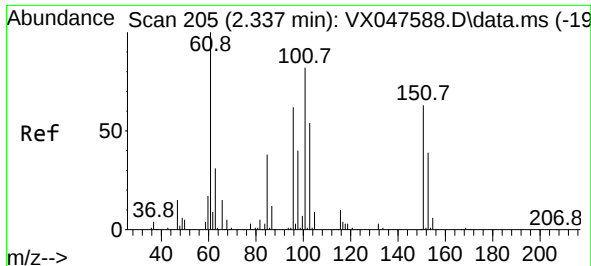
Reviewed By :John Carlone 09/23/2025
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#8
Diethyl Ether
Concen: 54.382 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Tgt Ion: 74 Resp: 81887
Ion Ratio Lower Upper
74 100
45 103.1 52.3 156.8





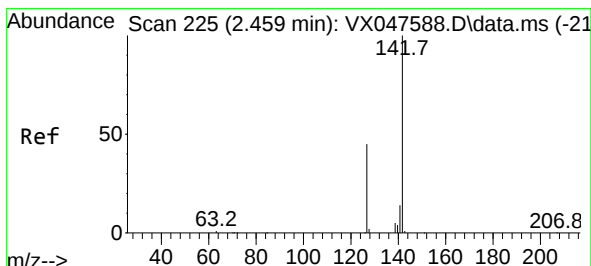
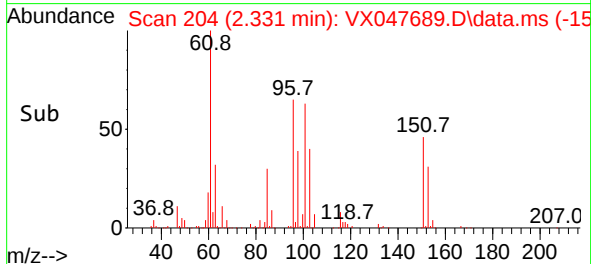
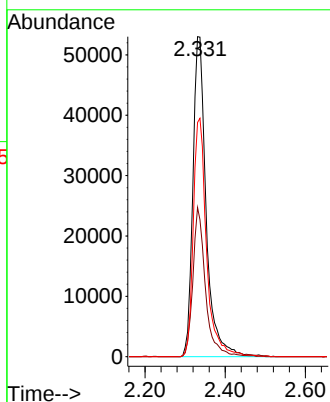
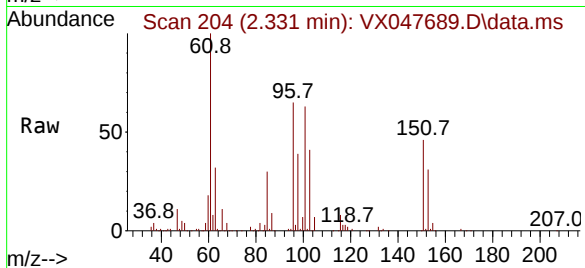
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.816 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 122289
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 74.6 59.4 89.0

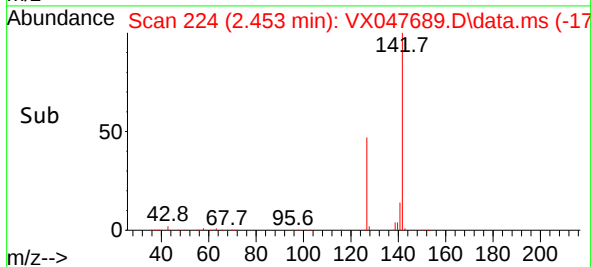
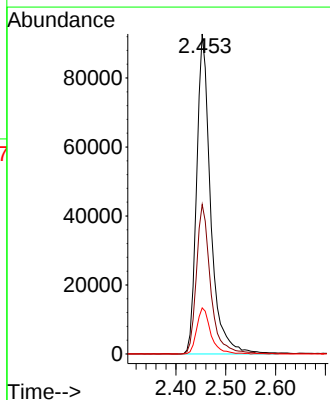
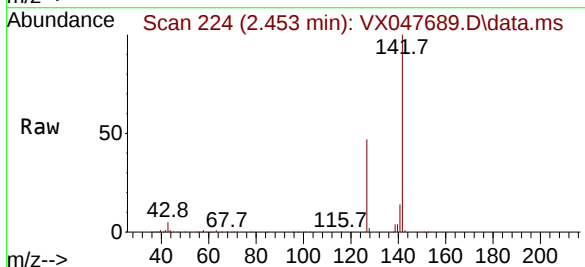
Manual Integrations
APPROVED

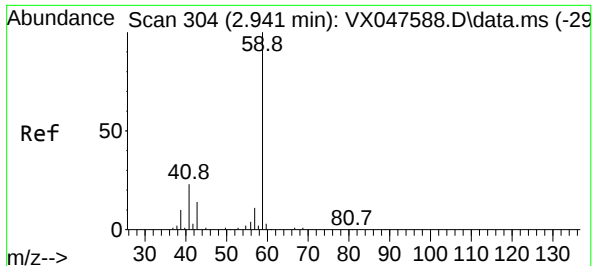
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#10
Methyl Iodide
Concen: 53.906 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

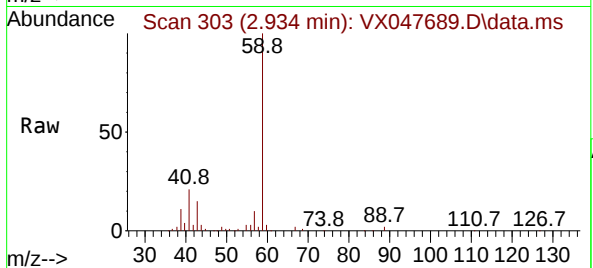
Tgt Ion:142 Resp: 180951
Ion Ratio Lower Upper
142 100
127 47.3 37.2 55.8
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 207.891 ug/l
RT: 2.934 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

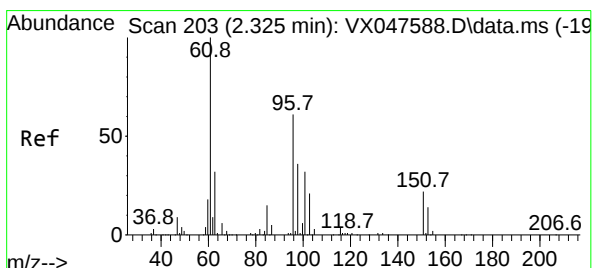
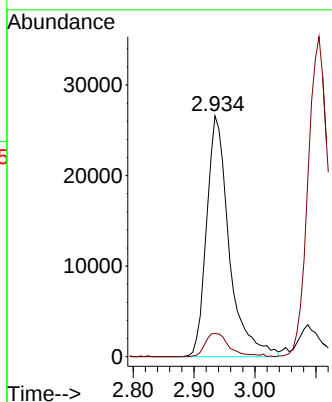
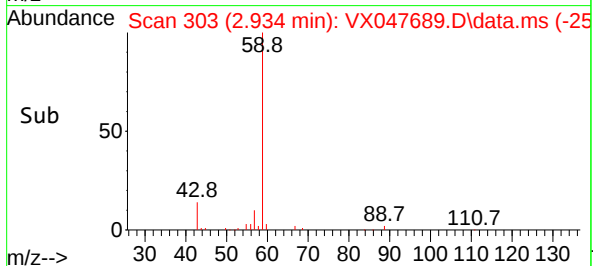
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



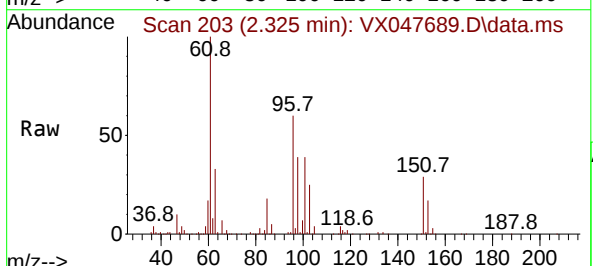
Tgt Ion: 59 Resp: 6858
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

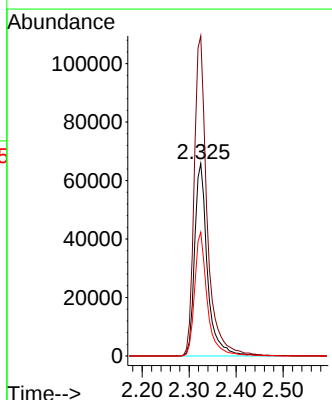
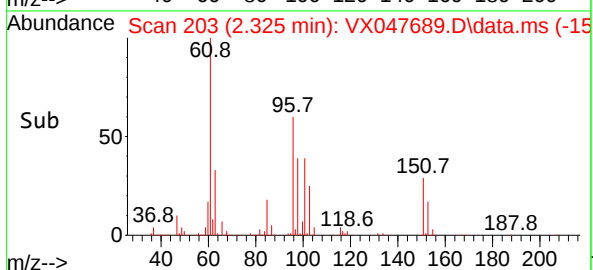
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

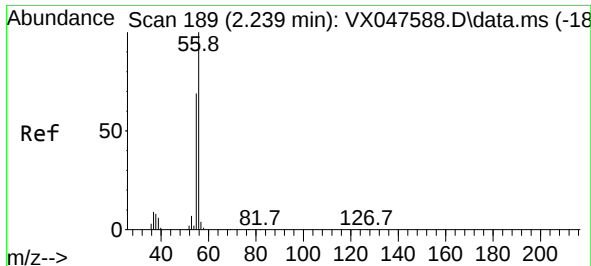


#12
1,1-Dichloroethene
Concen: 56.777 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38



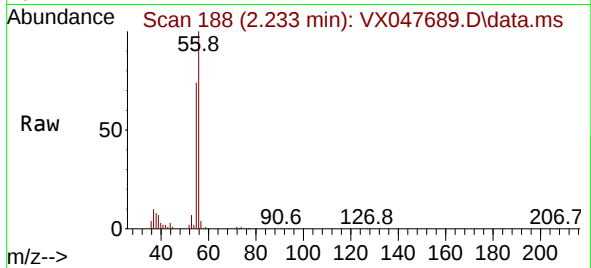
Tgt Ion: 96 Resp: 125529
Ion Ratio Lower Upper
96 100
61 166.4 131.0 196.6
98 64.4 47.7 71.5





#13
Acrolein
Concen: 269.814 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

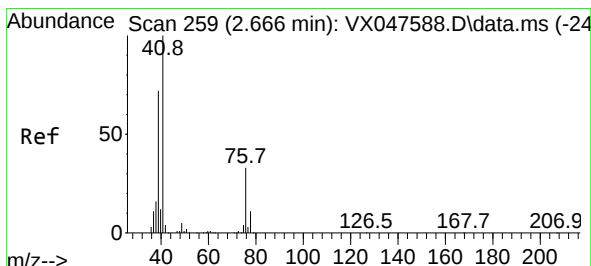
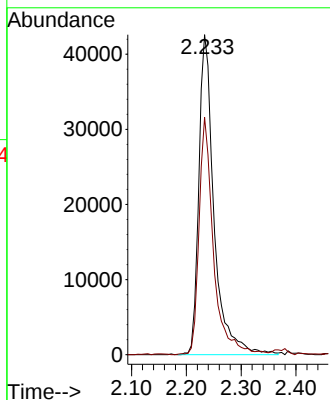
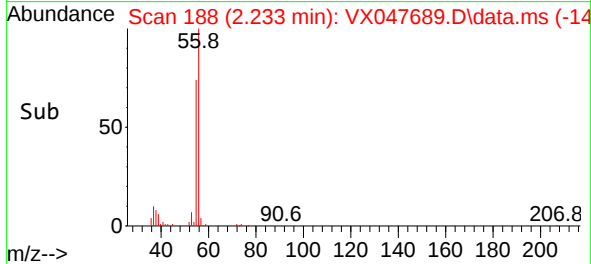
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 82024
Ion Ratio Lower Upper
56 100
55 70.7 57.2 85.8

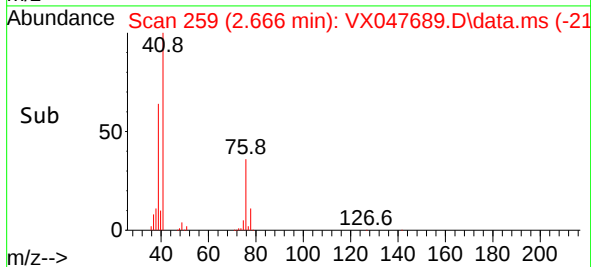
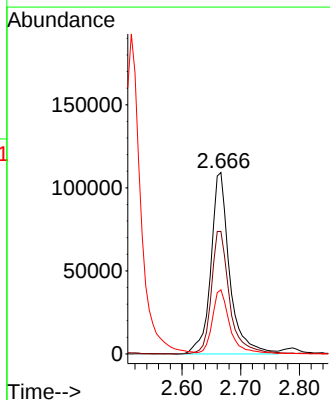
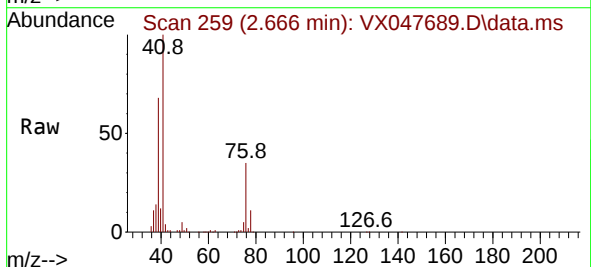
Manual Integrations
APPROVED

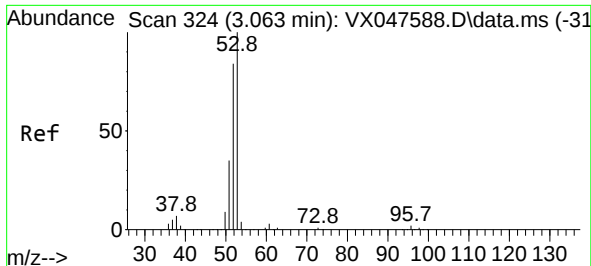
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#14
Allyl chloride
Concen: 53.283 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

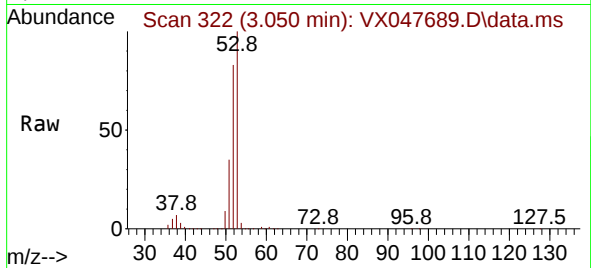
Tgt Ion: 41 Resp: 243094
Ion Ratio Lower Upper
41 100
39 66.0 54.7 82.1
76 32.1 25.7 38.5





#15
Acrylonitrile
Concen: 256.685 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

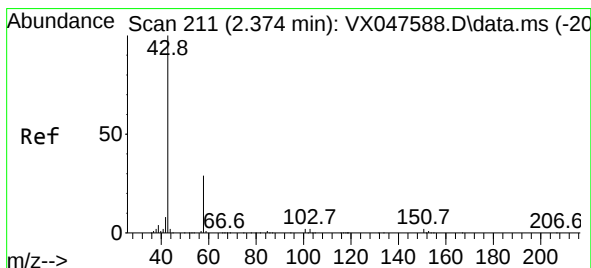
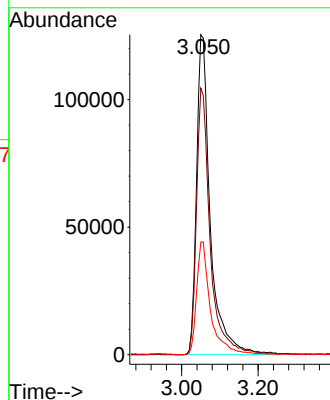
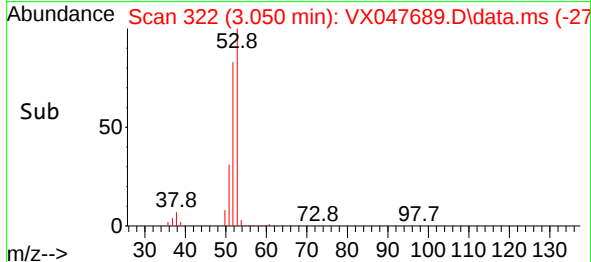
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 31365
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 36.0 29.5 44.3

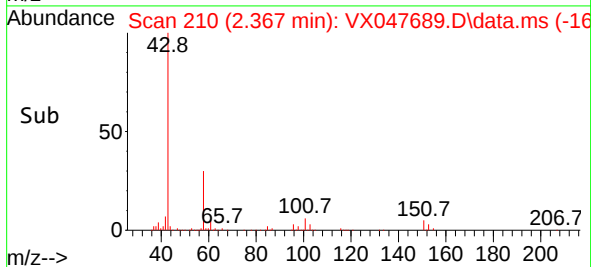
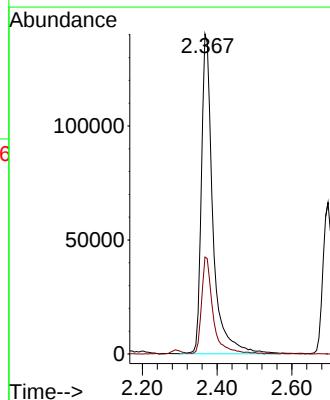
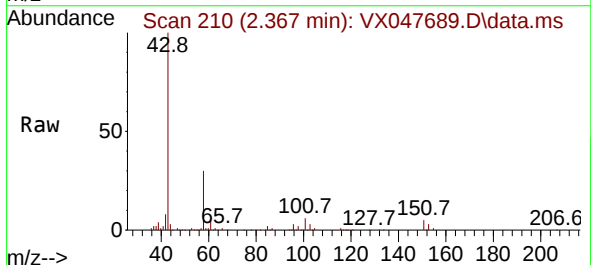
Manual Integrations
APPROVED

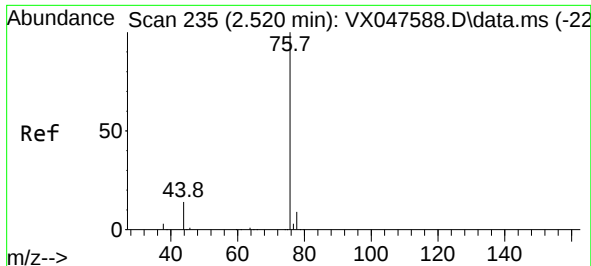
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#16
Acetone
Concen: 232.434 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

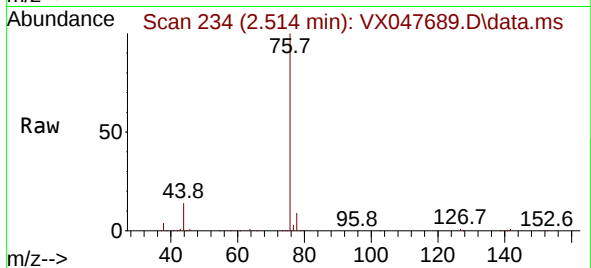
Tgt Ion: 43 Resp: 299354
Ion Ratio Lower Upper
43 100
58 30.2 23.4 35.0





#17
Carbon Disulfide
Concen: 60.224 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

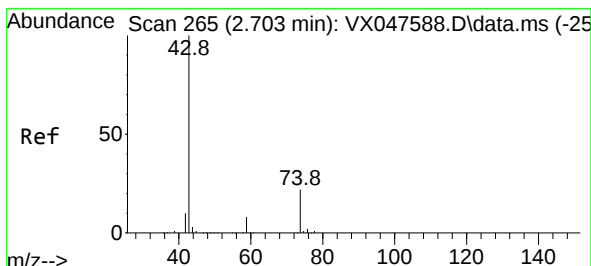
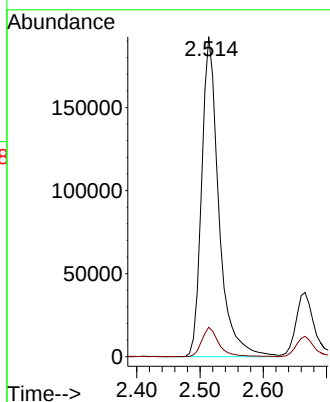
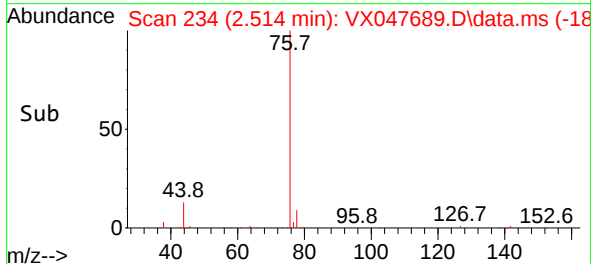
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 364510
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

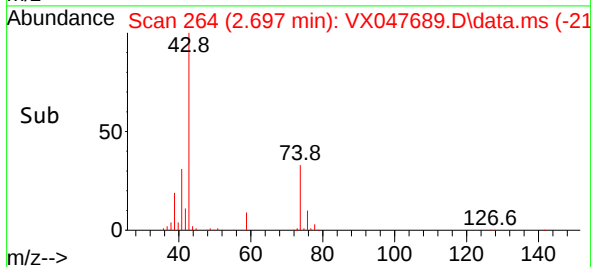
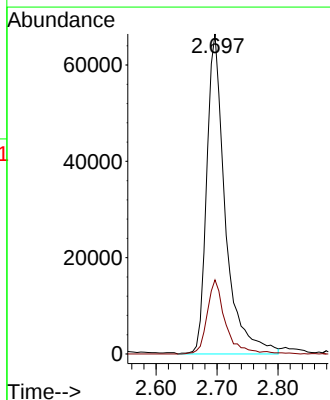
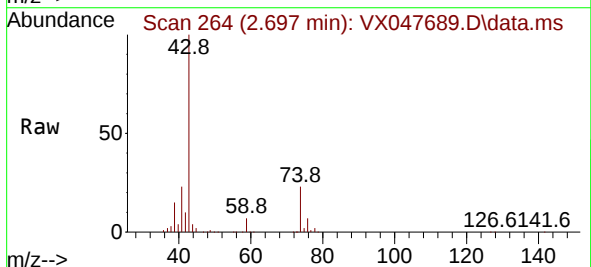
Manual Integrations
APPROVED

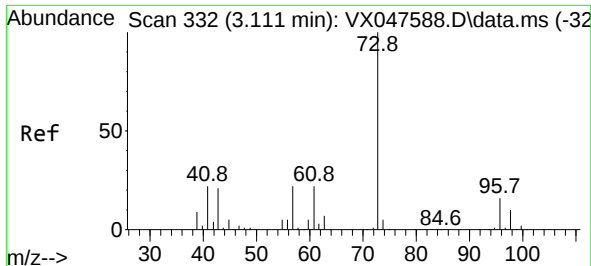
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#18
Methyl Acetate
Concen: 49.136 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Tgt Ion: 43 Resp: 140835
Ion Ratio Lower Upper
43 100
74 23.0 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 51.758 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 417728

Ion Ratio Lower Upper

73 100

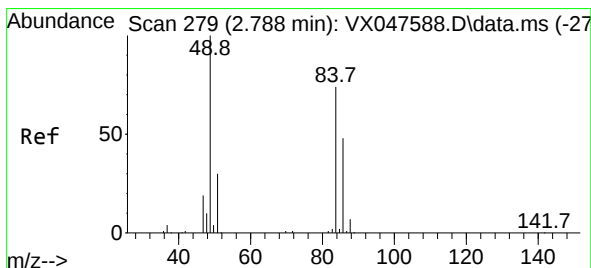
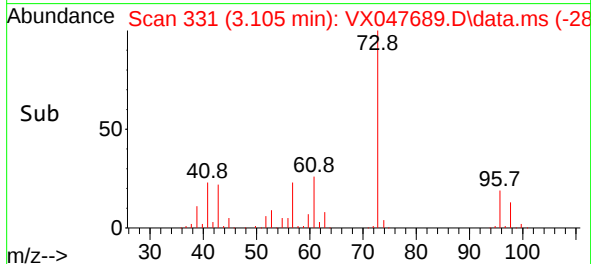
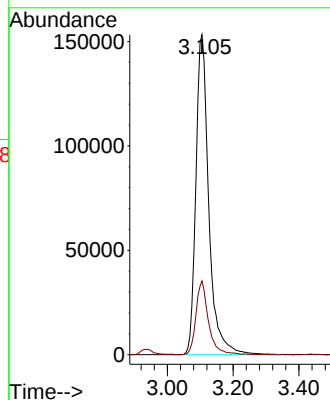
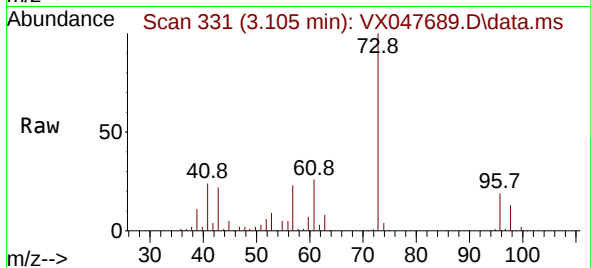
57 23.1 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#20

Methylene Chloride

Concen: 53.119 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Tgt Ion: 84 Resp: 144810

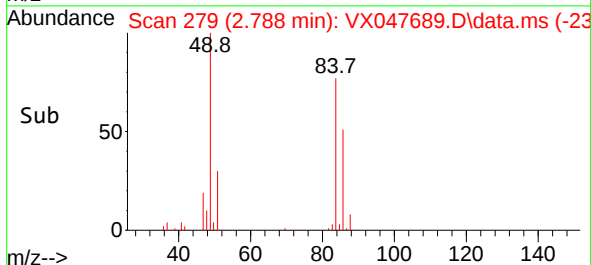
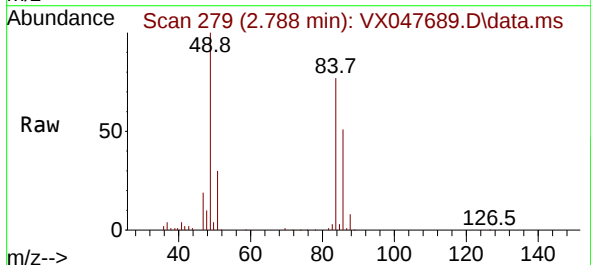
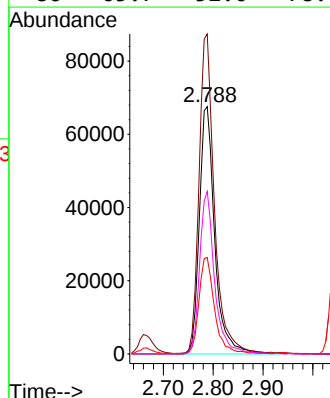
Ion Ratio Lower Upper

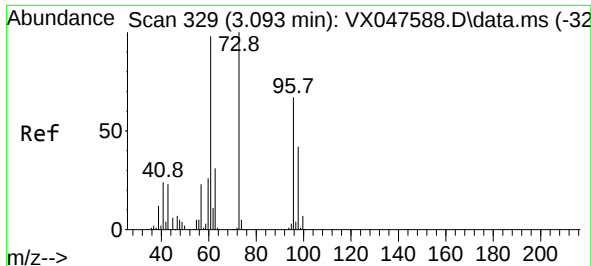
84 100

49 129.1 108.6 162.8

51 38.9 32.6 48.8

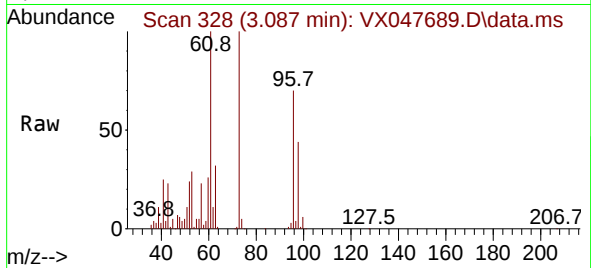
86 65.7 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 55.041 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

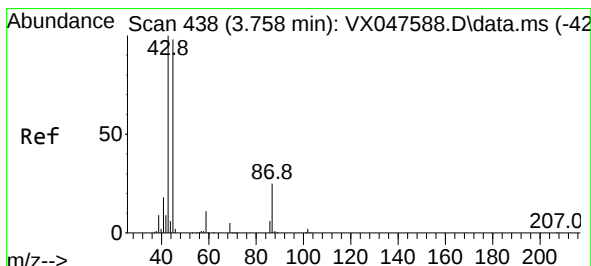
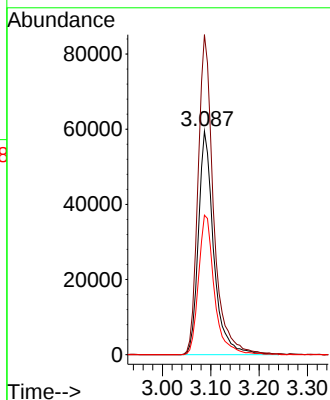
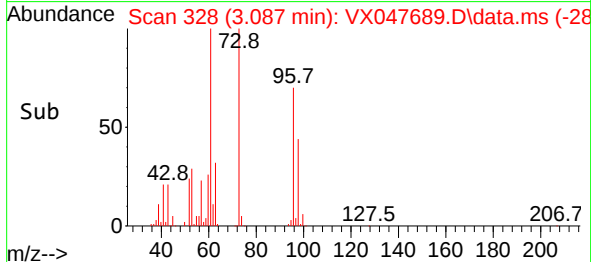
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



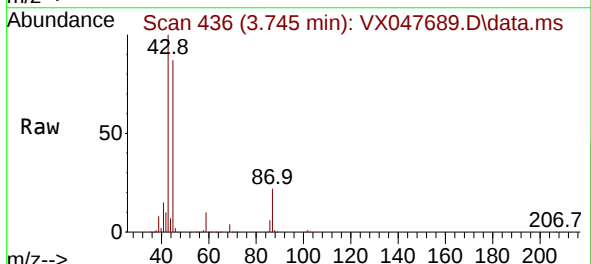
Tgt Ion: 96 Resp: 131010
Ion Ratio Lower Upper
96 100
61 143.1 116.2 174.2
98 62.4 49.3 73.9

Manual Integrations
APPROVED

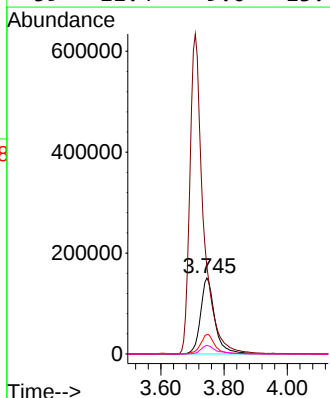
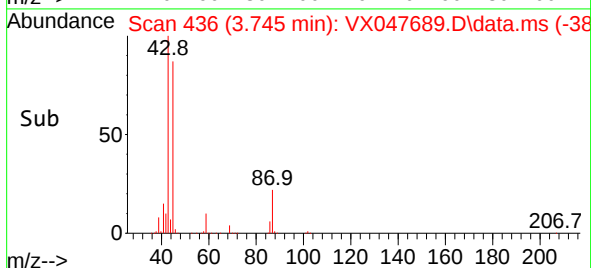
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

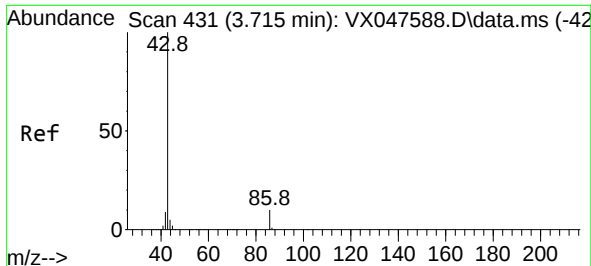


#22
Diisopropyl ether
Concen: 53.342 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38



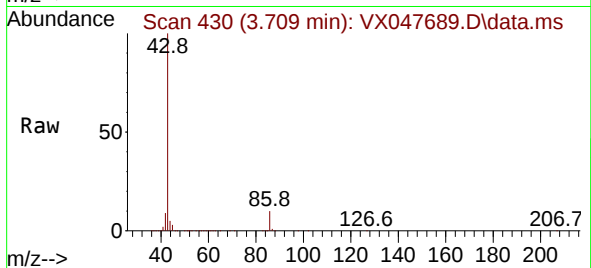
Tgt Ion: 45 Resp: 471640
Ion Ratio Lower Upper
45 100
43 115.2 81.0 121.4
87 25.5 20.3 30.5
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 265.449 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047689.D
 Acq: 22 Sep 2025 09:38

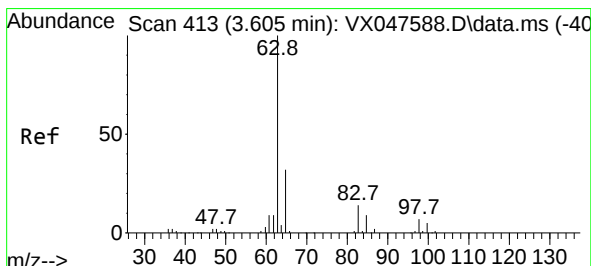
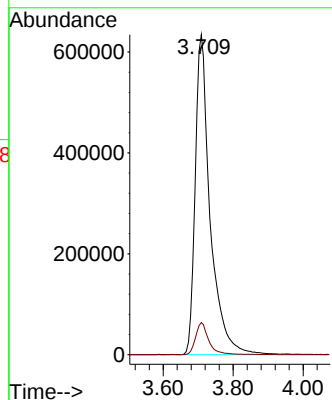
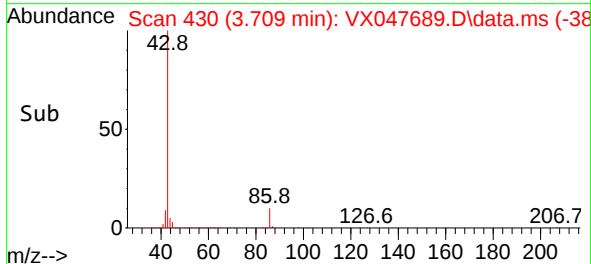
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 1878460
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

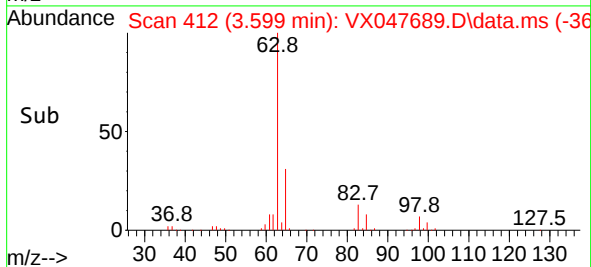
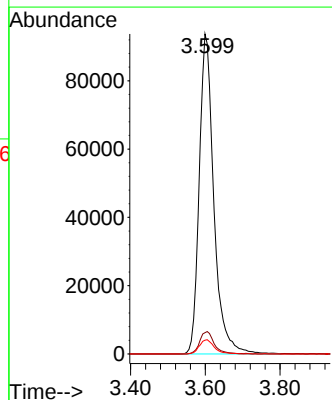
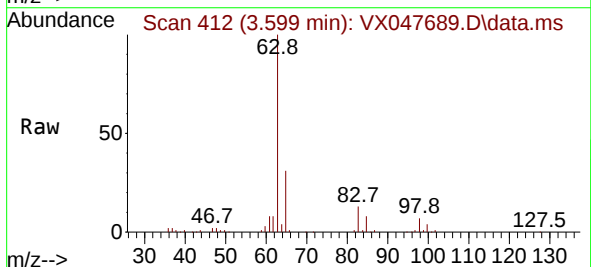
Manual Integrations
 APPROVED

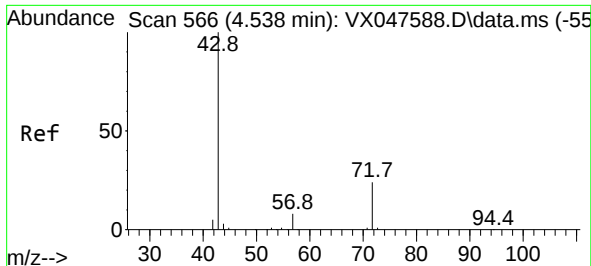
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#24
 1,1-Dichloroethane
 Concen: 54.031 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047689.D
 Acq: 22 Sep 2025 09:38

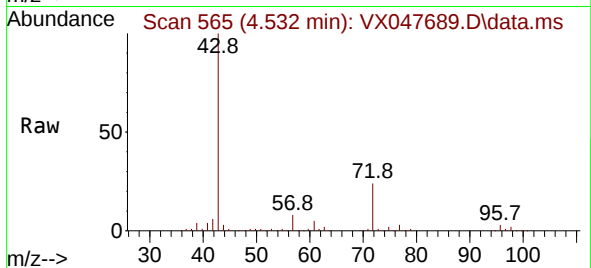
Tgt Ion: 63 Resp: 253921
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.3 2.3 6.9





#25
2-Butanone
Concen: 233.614 ug/l
RT: 4.532 min Scan# 565
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

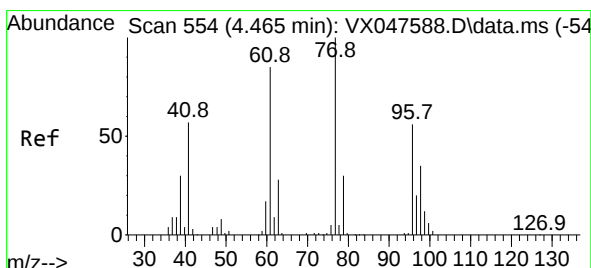
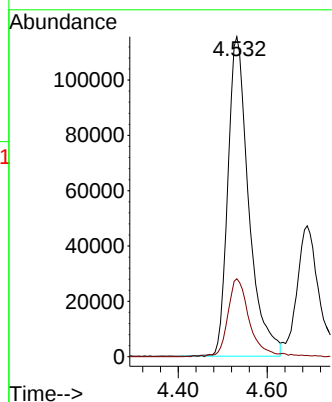
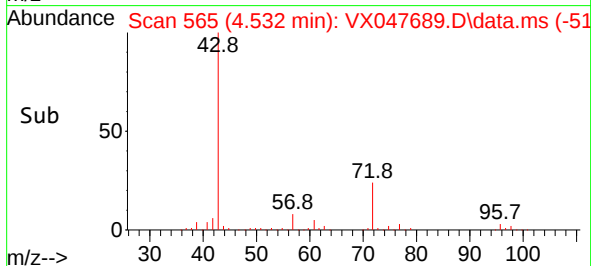
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 375302
Ion Ratio Lower Upper
43 100
72 24.5 20.1 30.1

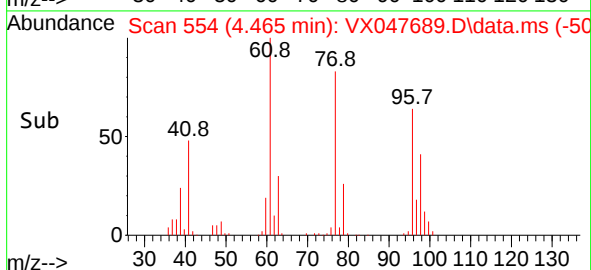
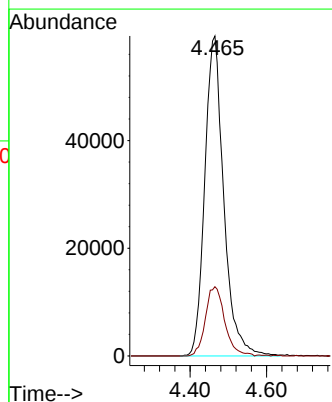
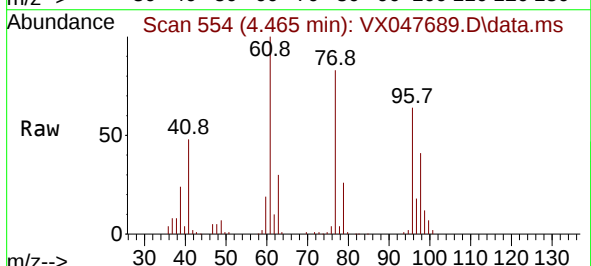
Manual Integrations
APPROVED

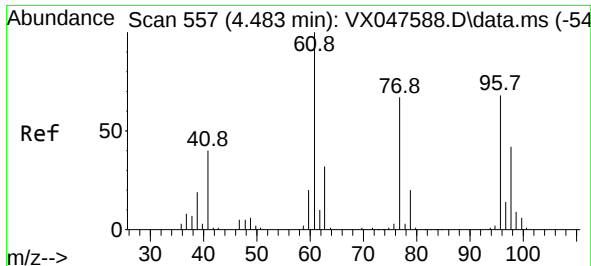
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#26
2,2-Dichloropropane
Concen: 52.358 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Tgt Ion: 77 Resp: 204537
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 53.558 ug/l

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 15612

Ion Ratio Lower Upper

96 100

61 149.9 0.0 303.2

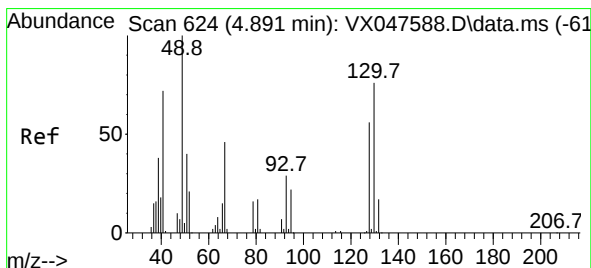
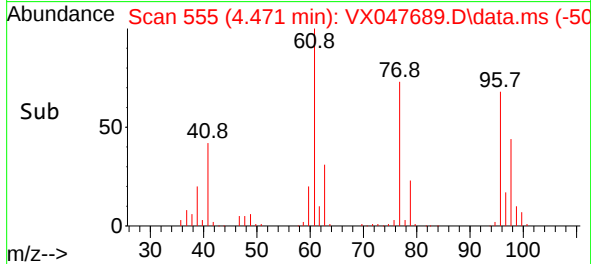
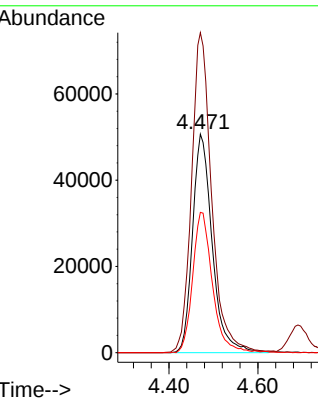
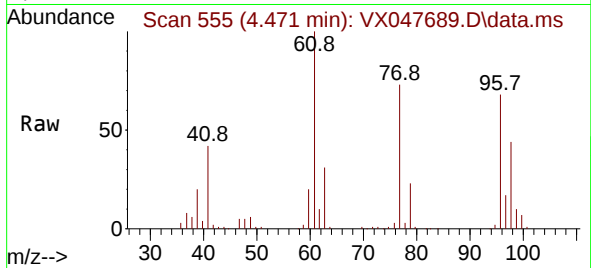
98 64.1 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#28

Bromochloromethane

Concen: 50.564 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

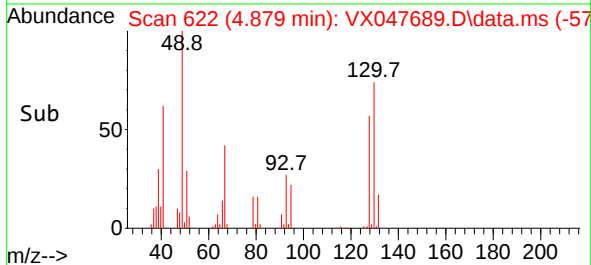
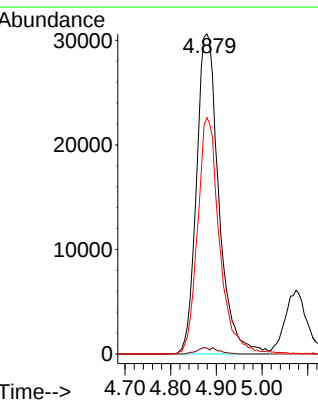
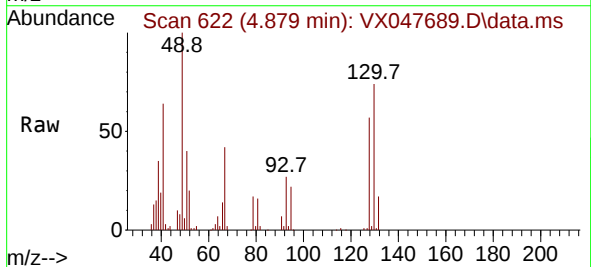
Tgt Ion: 49 Resp: 103740

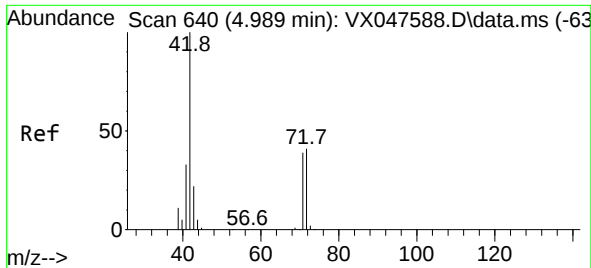
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

130 72.7 57.8 86.8





#29

Tetrahydrofuran

Concen: 233.550 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 22571

Ion Ratio Lower Upper

42 100

72 43.3 34.2 51.2

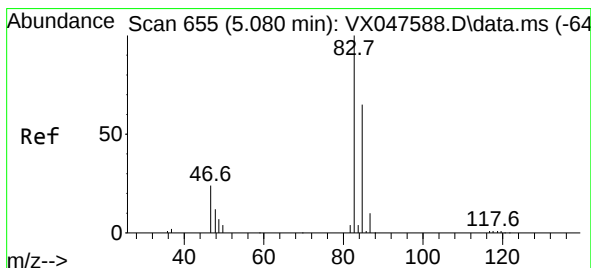
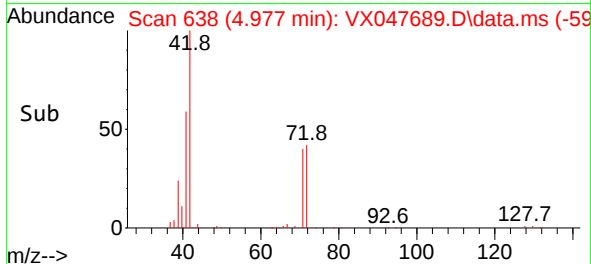
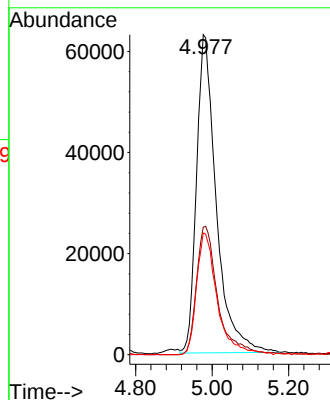
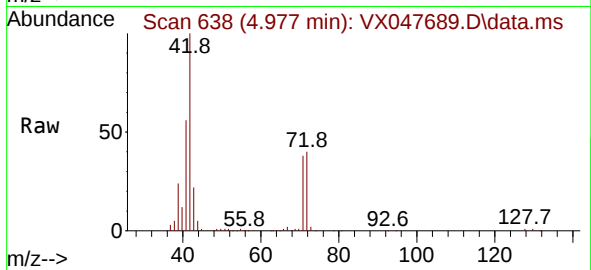
71 39.7 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#30

Chloroform

Concen: 52.338 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX047689.D

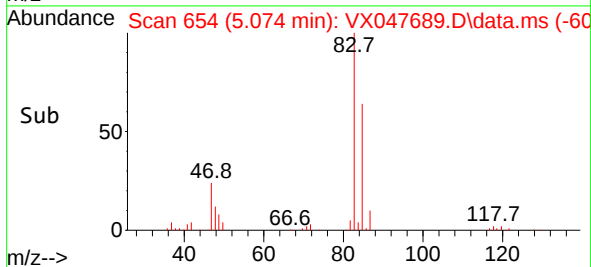
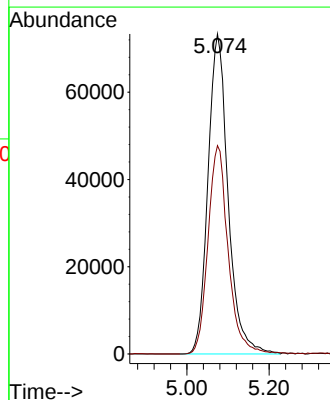
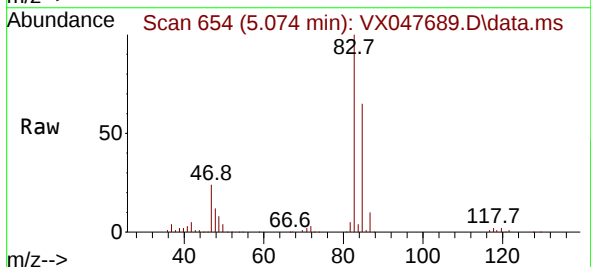
Acq: 22 Sep 2025 09:38

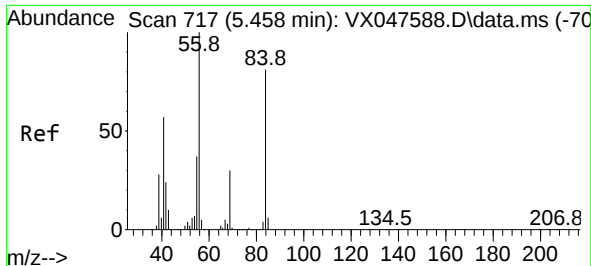
Tgt Ion: 83 Resp: 248553

Ion Ratio Lower Upper

83 100

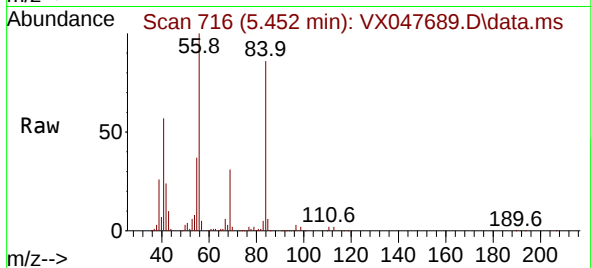
85 65.1 51.8 77.6





#31
Cyclohexane
Concen: 52.182 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

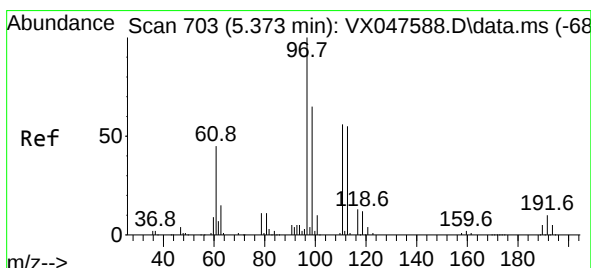
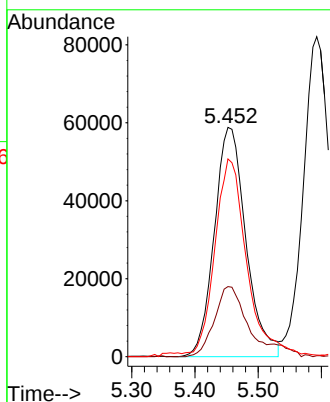
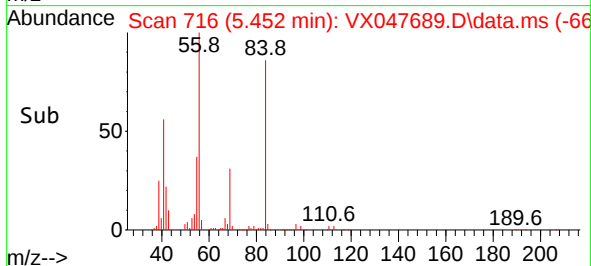
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 20424
Ion Ratio Lower Upper
56 100
69 30.3 23.8 35.8
84 84.3 64.6 97.0

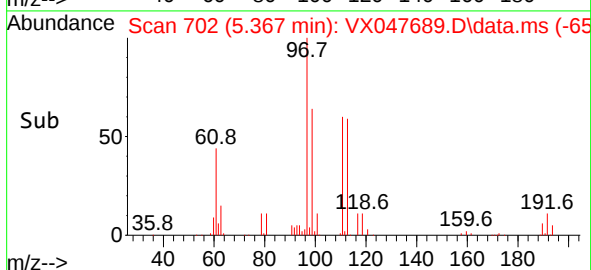
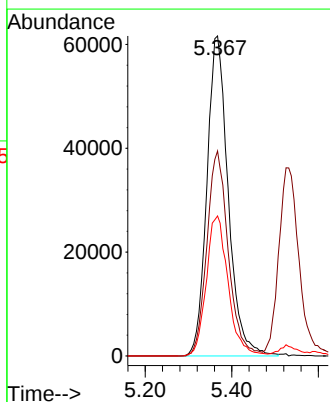
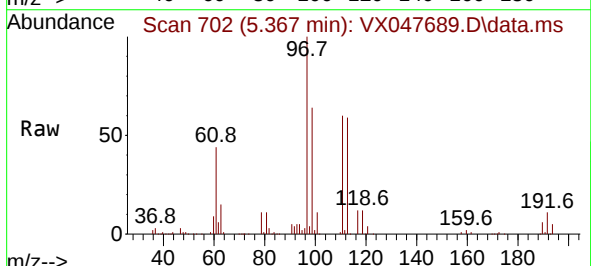
Manual Integrations
APPROVED

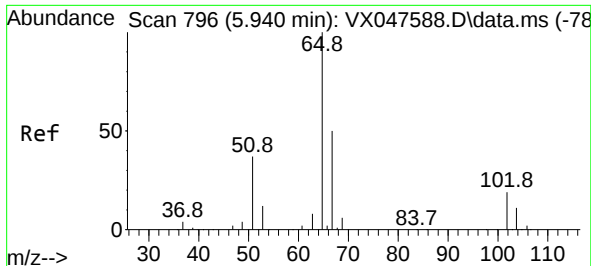
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#32
1,1,1-Trichloroethane
Concen: 52.212 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Tgt Ion: 97 Resp: 210320
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 45.1 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 51.108 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 151380

Ion Ratio Lower Upper

65 100

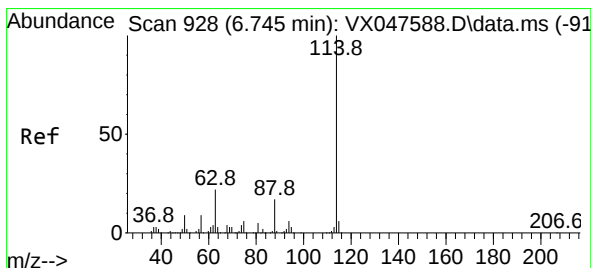
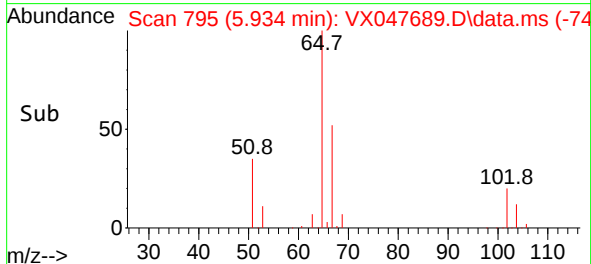
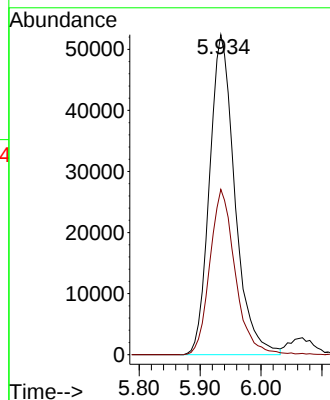
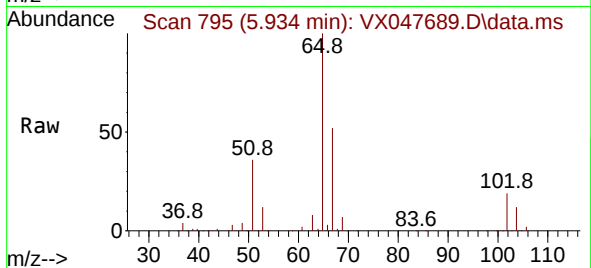
67 51.6 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

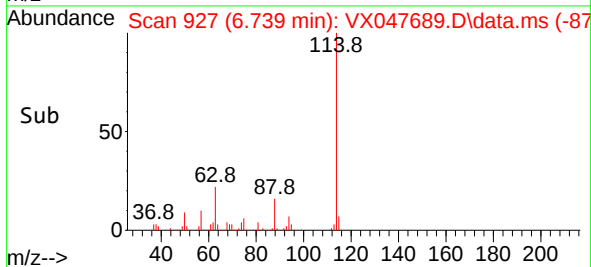
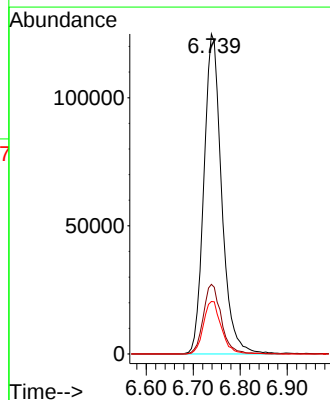
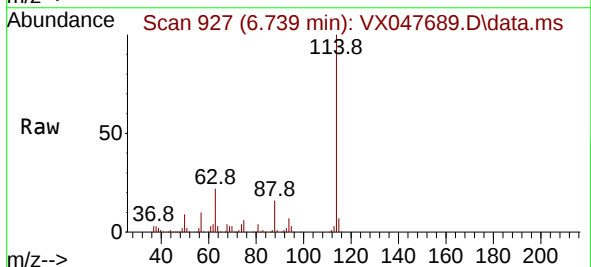
Tgt Ion:114 Resp: 326997

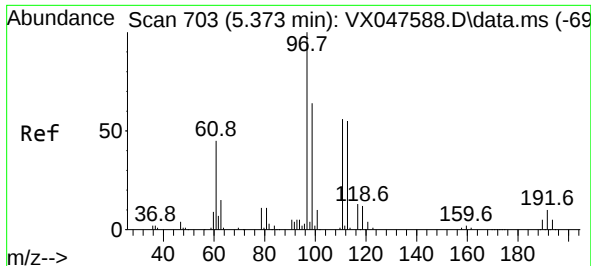
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

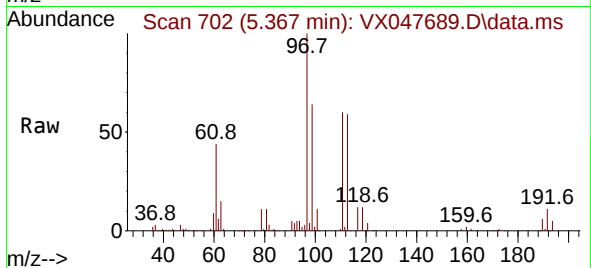
88 16.4 0.0 34.2





#35
Dibromofluoromethane
Concen: 54.164 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

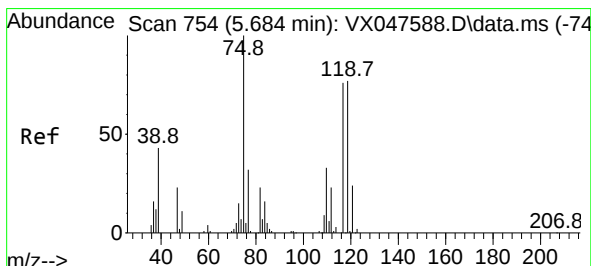
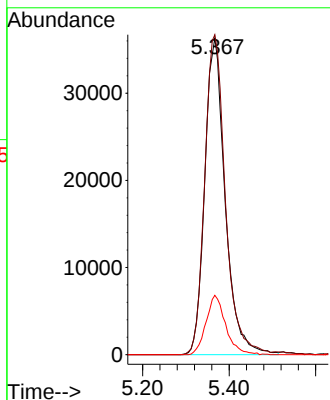
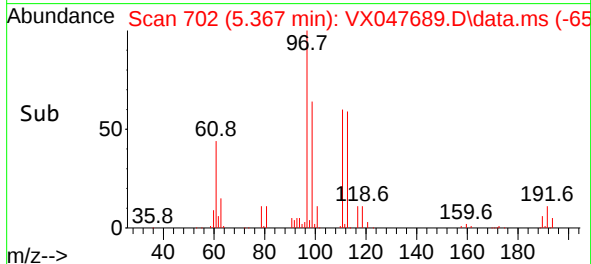
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 11878
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 18.1 14.2 21.4

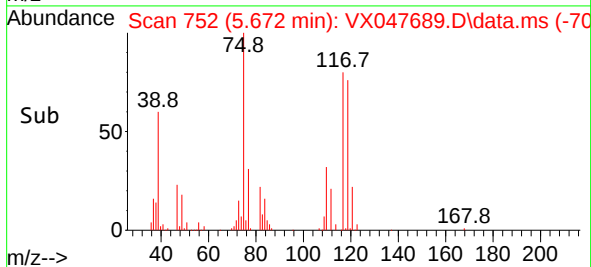
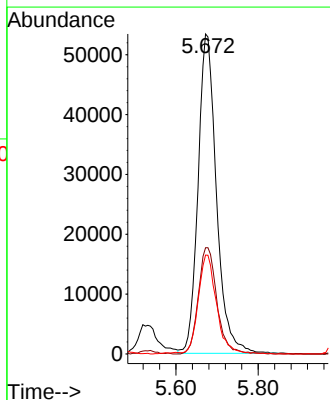
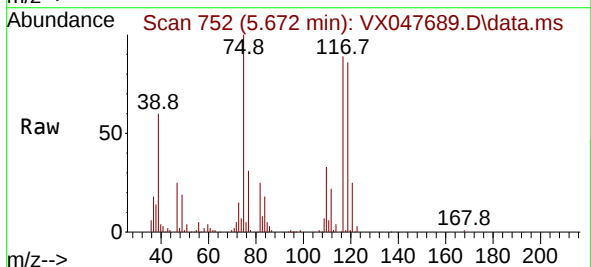
Manual Integrations
APPROVED

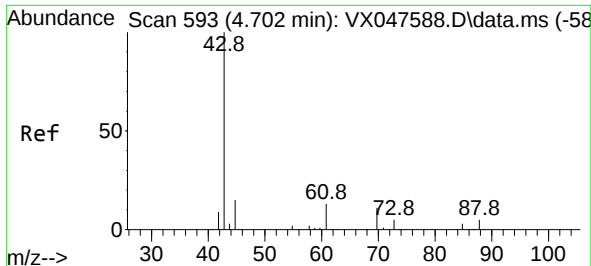
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#36
1,1-Dichloropropene
Concen: 51.655 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Tgt Ion: 75 Resp: 165531
Ion Ratio Lower Upper
75 100
110 33.8 16.7 50.1
77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 46.911 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.012 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

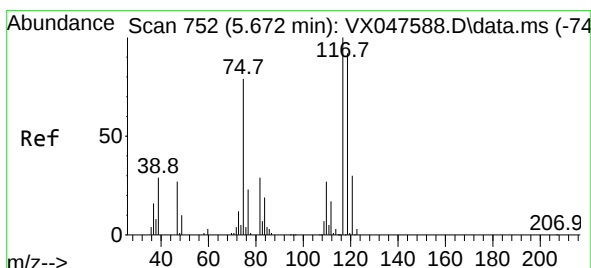
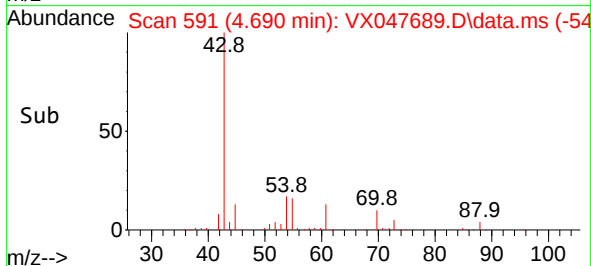
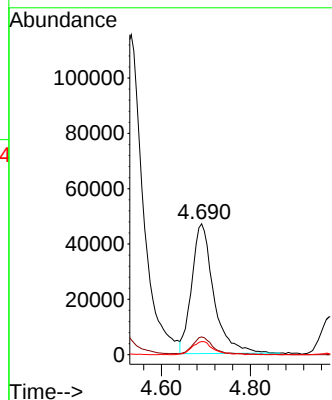
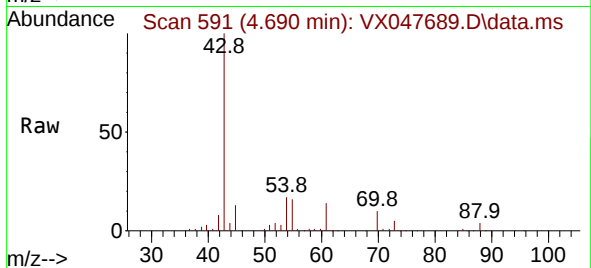
Tgt Ion:	43	Resp:	16095
Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.8	14.8
70	9.5	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#38

Carbon Tetrachloride

Concen: 51.330 ug/l

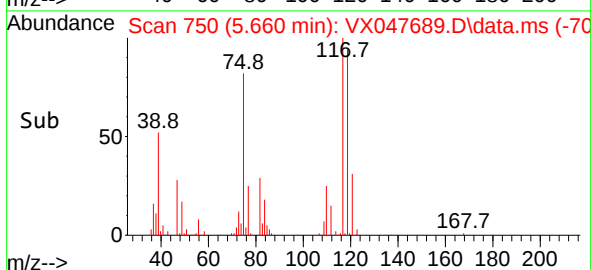
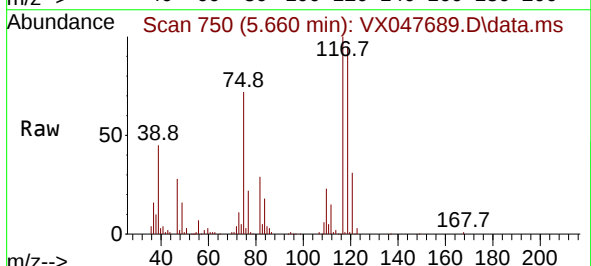
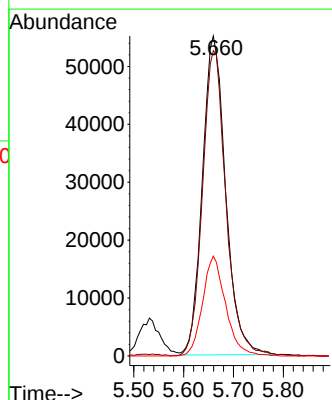
RT: 5.660 min Scan# 750

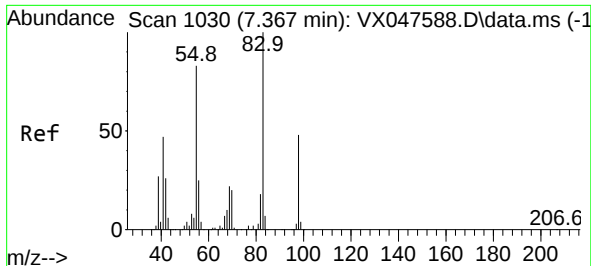
Delta R.T. -0.012 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

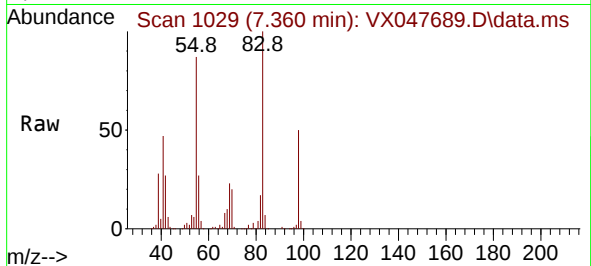
Tgt Ion:	117	Resp:	178720
Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.4	110.2
121	31.4	23.8	35.6





#39
Methylcyclohexane
Concen: 52.558 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

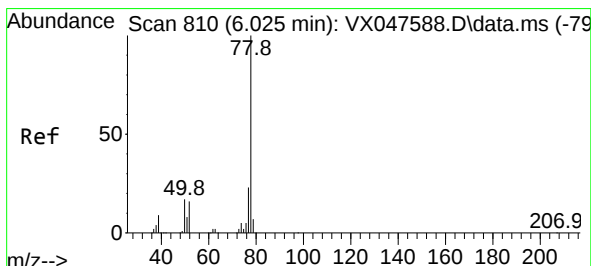
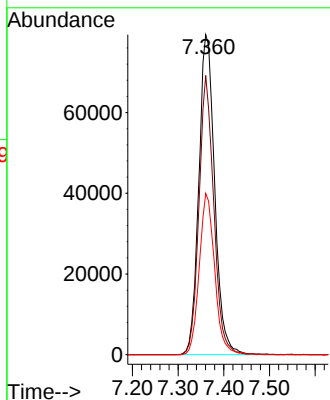
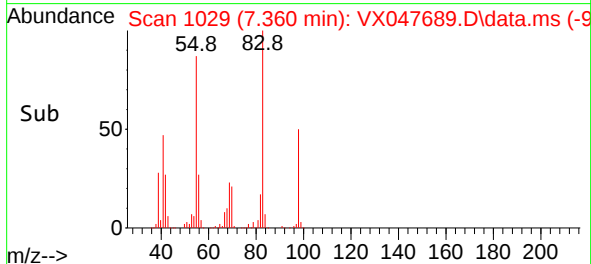
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 19118
Ion Ratio Lower Upper
83 100
55 87.3 66.4 99.6
98 50.4 38.1 57.1

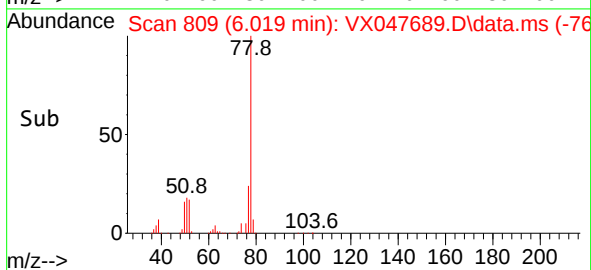
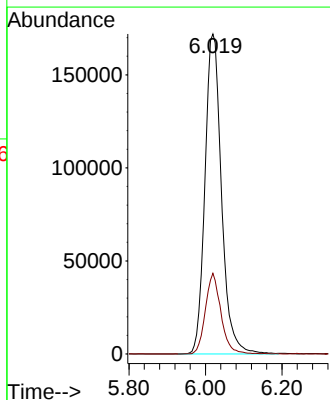
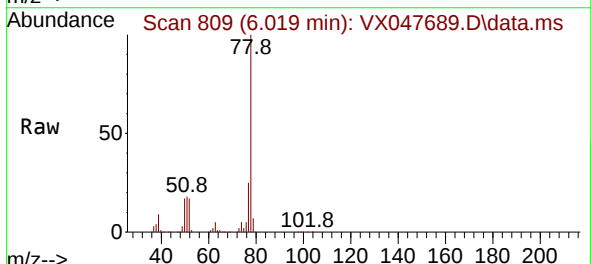
Manual Integrations
APPROVED

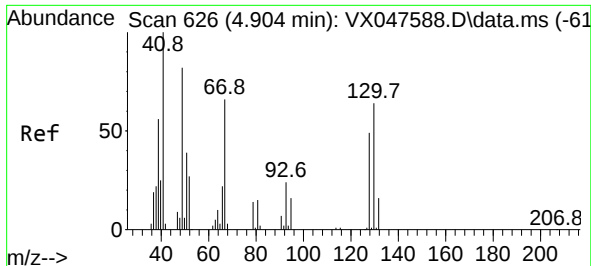
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#40
Benzene
Concen: 53.017 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

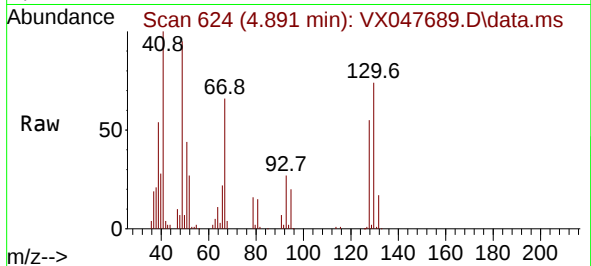
Tgt Ion: 78 Resp: 516015
Ion Ratio Lower Upper
78 100
77 25.2 18.8 28.2





#41
Methacrylonitrile
Concen: 49.191 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

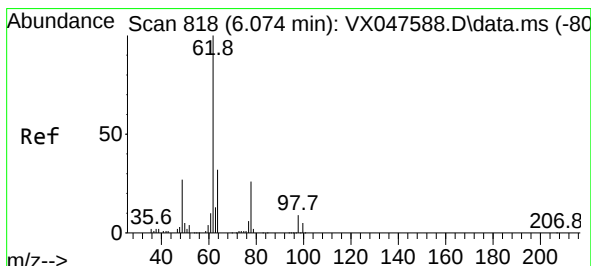
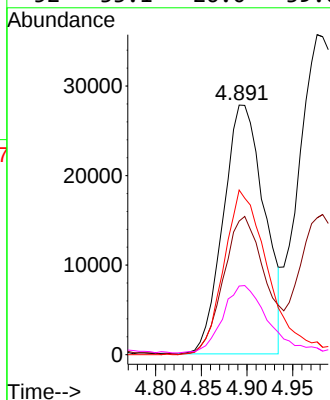
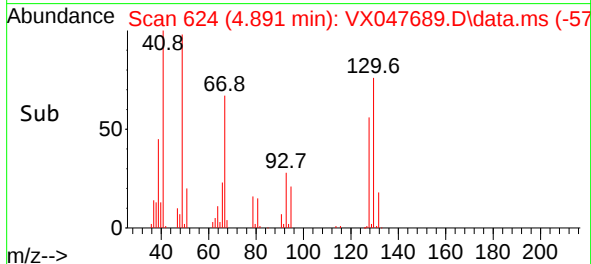
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	8713
Ion Ratio	100	Lower	Upper
39	57.4	43.3	64.9
67	73.7	58.6	87.8
52	33.1	26.0	39.0

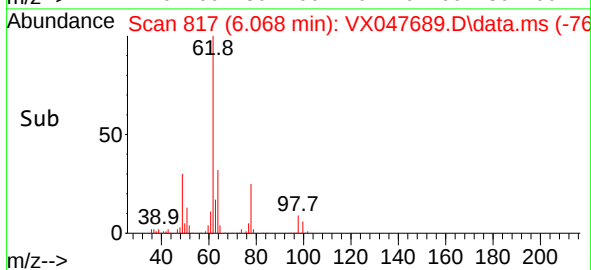
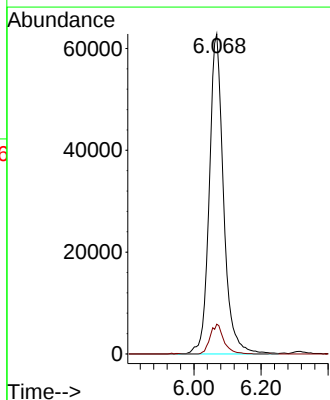
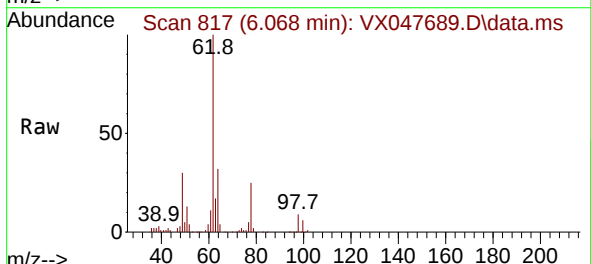
Manual Integrations
APPROVED

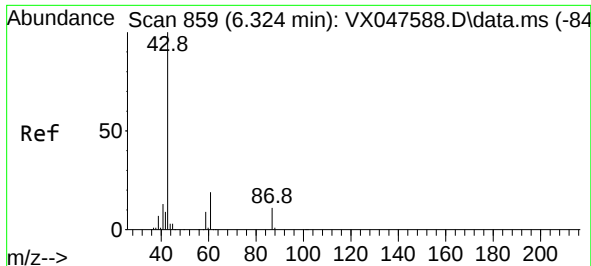
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#42
1,2-Dichloroethane
Concen: 50.055 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

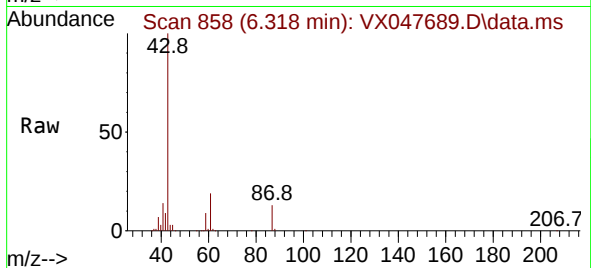
Tgt Ion:	62	Resp:	185367
Ion Ratio	100	Lower	Upper
98	8.9	0.0	17.0





#43
Isopropyl Acetate
Concen: 48.067 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

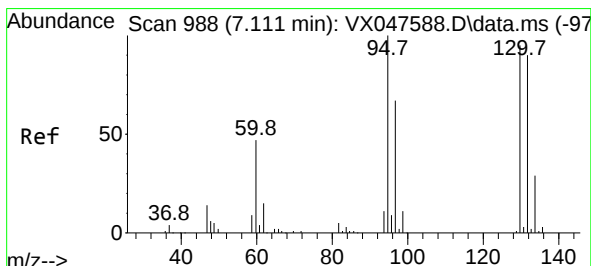
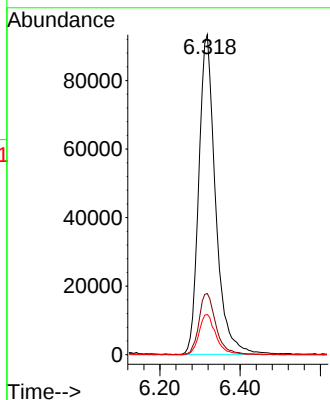
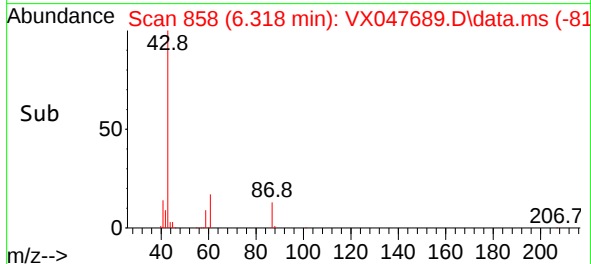
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 270484
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 12.6 9.6 14.4

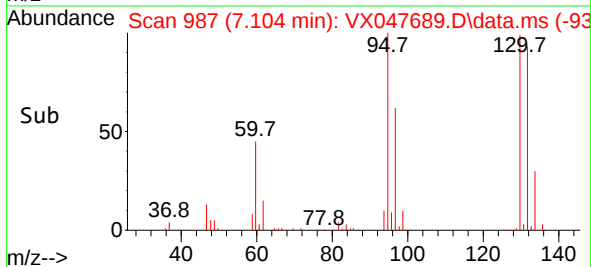
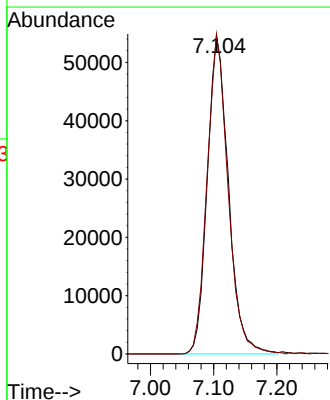
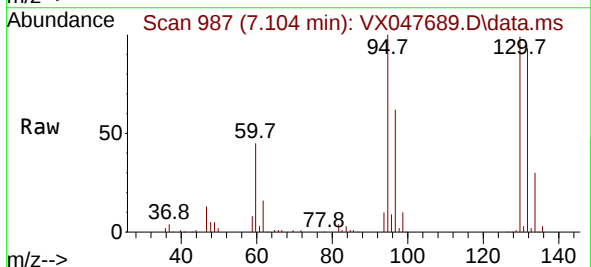
Manual Integrations
APPROVED

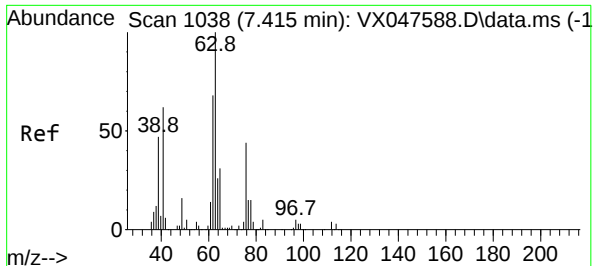
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#44
Trichloroethene
Concen: 53.976 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Tgt Ion:130 Resp: 127009
Ion Ratio Lower Upper
130 100
95 100.6 0.0 210.8





#45

1,2-Dichloropropane

Concen: 51.965 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 129510

Ion Ratio Lower Upper

63 100

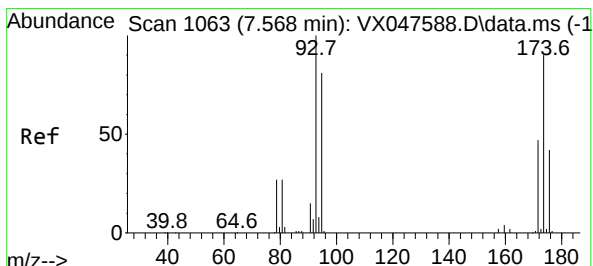
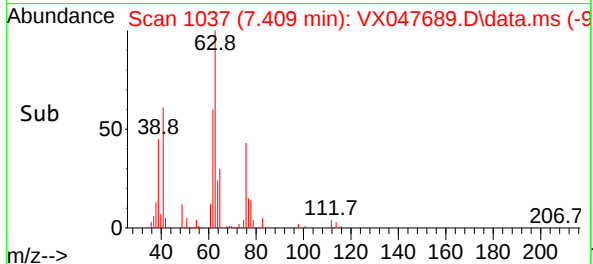
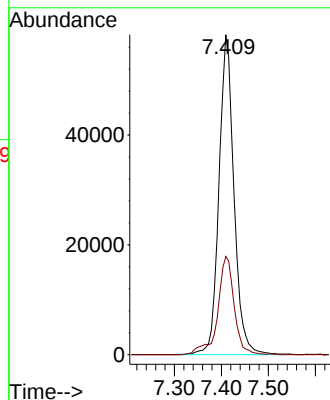
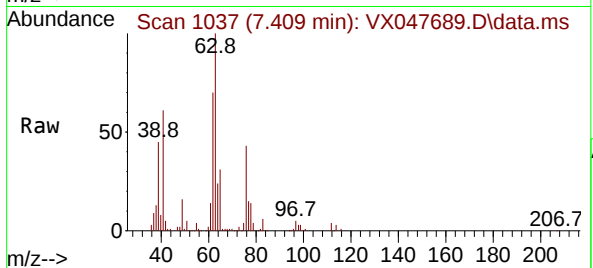
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#46

Dibromomethane

Concen: 50.950 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

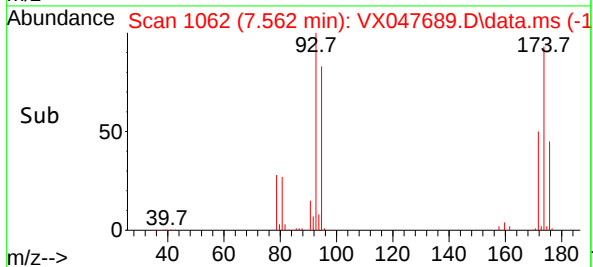
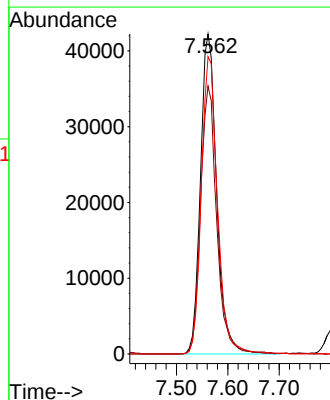
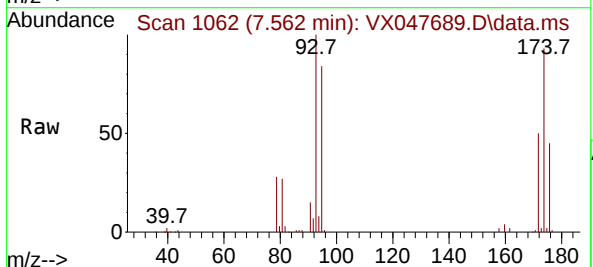
Tgt Ion: 93 Resp: 92404

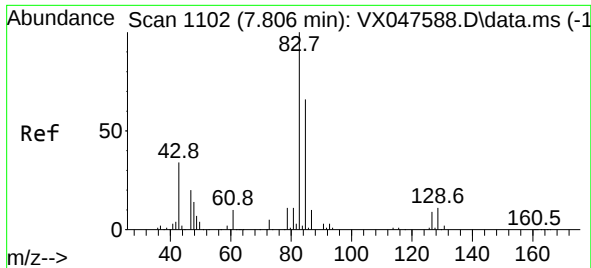
Ion Ratio Lower Upper

93 100

95 83.3 65.0 97.6

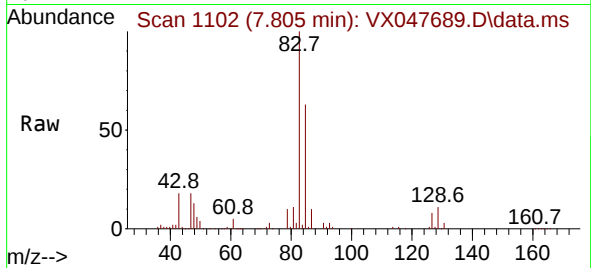
174 92.9 71.6 107.4





#47
Bromodichloromethane
Concen: 51.822 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

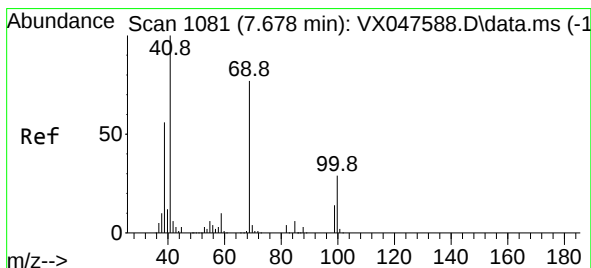
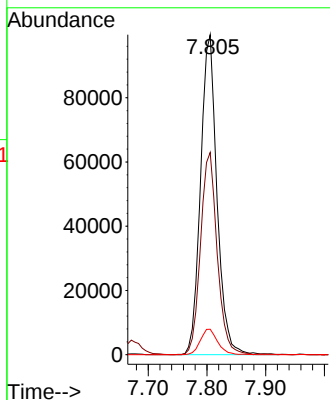
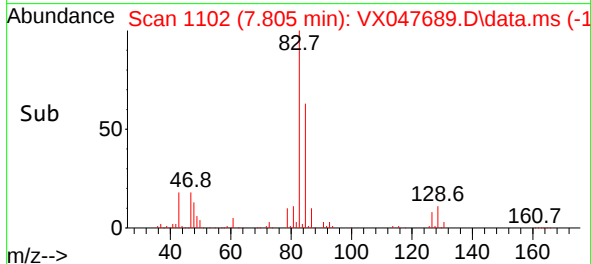
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 19394
Ion Ratio Lower Upper
83 100
85 63.1 52.5 78.7
127 8.0 6.9 10.3

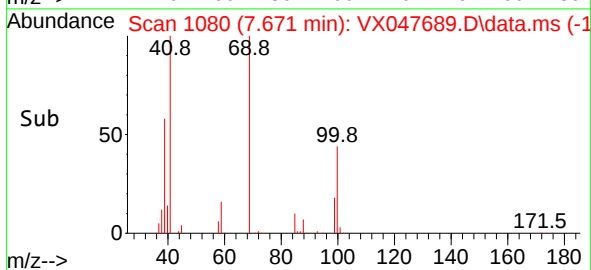
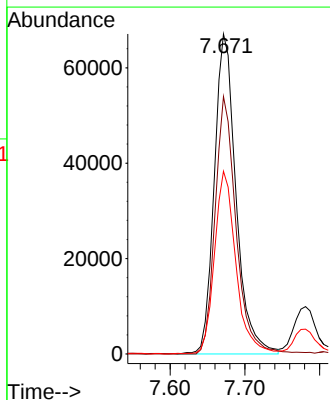
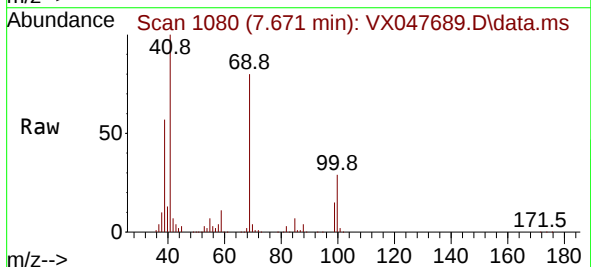
Manual Integrations
APPROVED

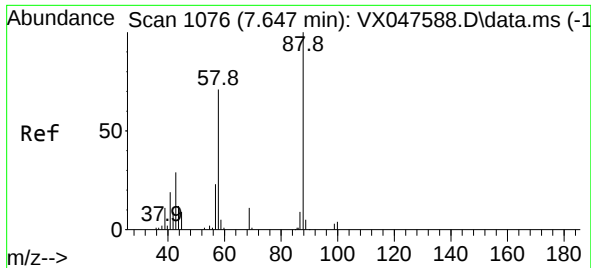
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#48
Methyl methacrylate
Concen: 48.497 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

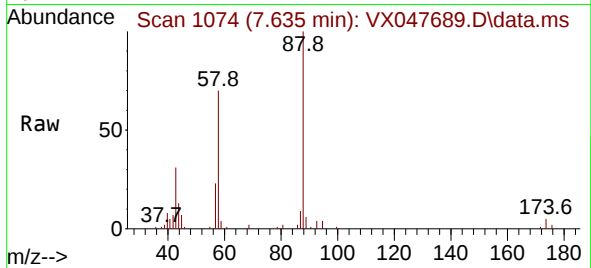
Tgt Ion: 41 Resp: 135938
Ion Ratio Lower Upper
41 100
69 77.8 61.4 92.2
39 56.3 45.8 68.6





#49
1,4-Dioxane
Concen: 983.820 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.012 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

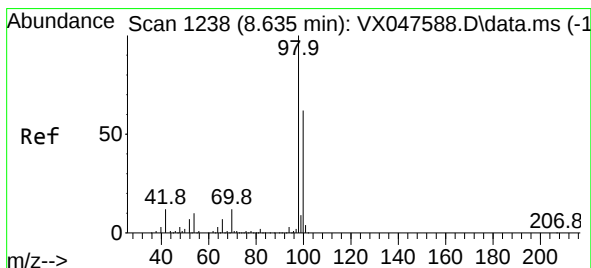
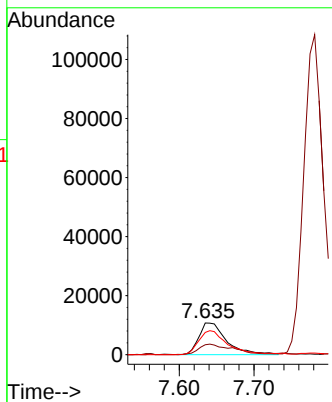
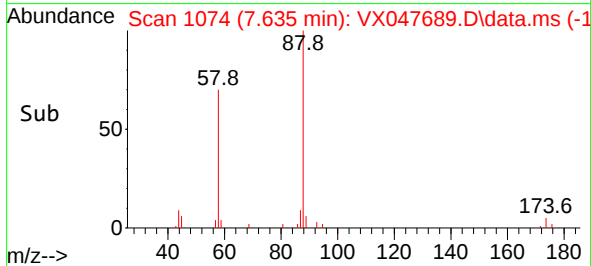
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 27869
Ion Ratio Lower Upper
88 100
43 41.5 30.2 45.2
58 80.3 59.5 89.3

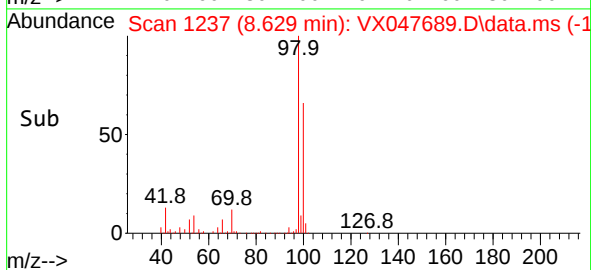
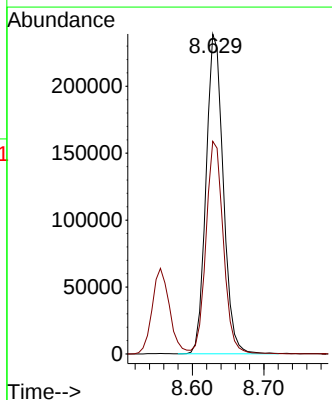
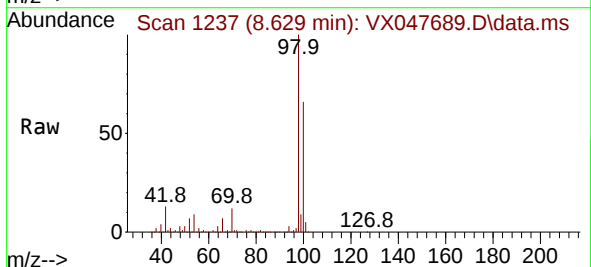
Manual Integrations
APPROVED

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



#50
Toluene-d8
Concen: 52.523 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

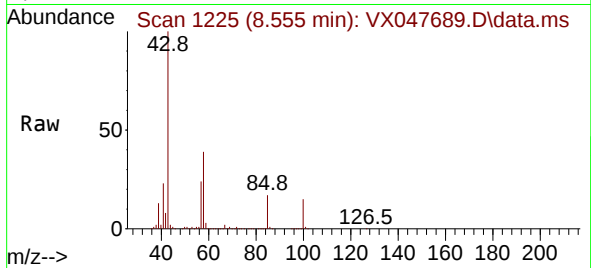
Tgt Ion: 98 Resp: 398559
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 237.947 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

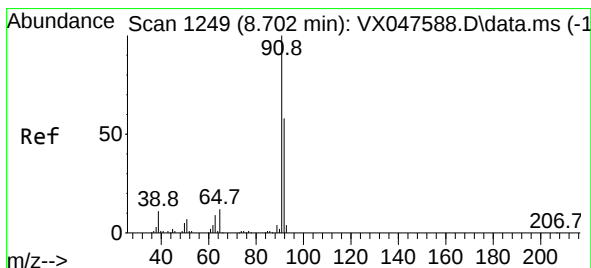
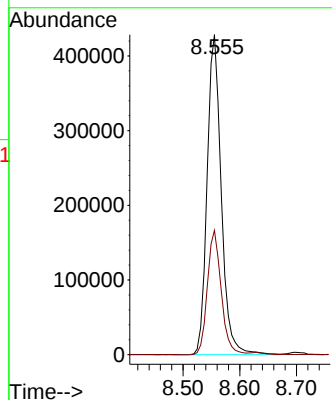
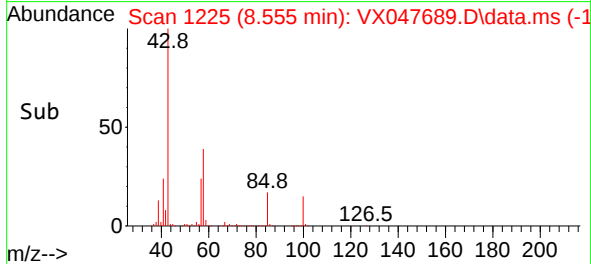
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



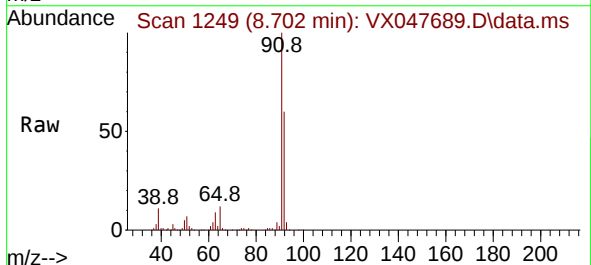
Tgt Ion: 43 Resp: 74239
Ion Ratio Lower Upper
43 100
58 38.0 30.3 45.5

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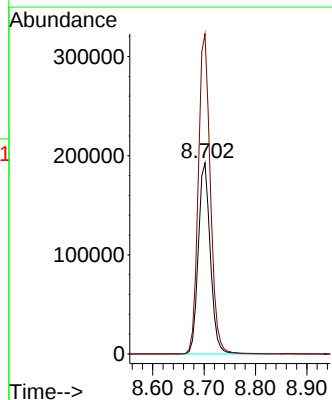
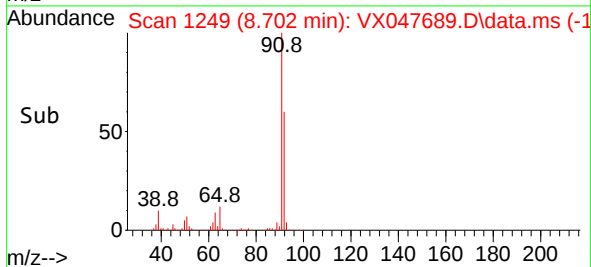
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

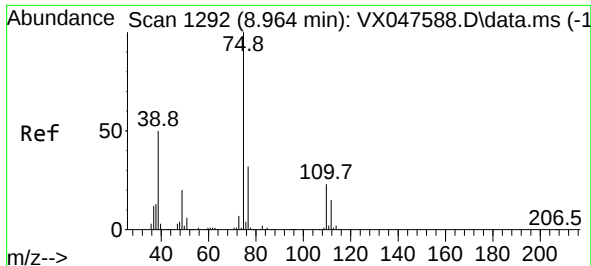


#52
Toluene
Concen: 52.243 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38



Tgt Ion: 92 Resp: 313273
Ion Ratio Lower Upper
92 100
91 168.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 50.900 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 194304

Ion Ratio Lower Upper

75 100

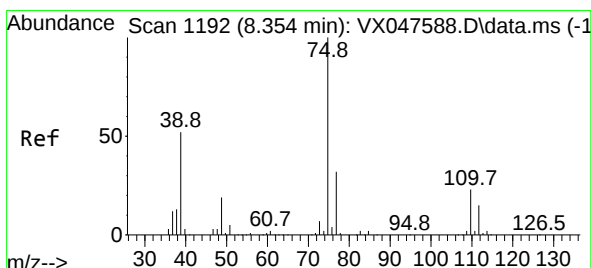
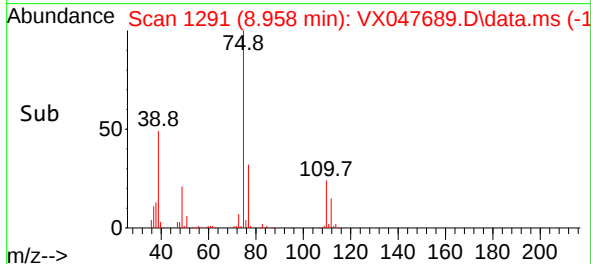
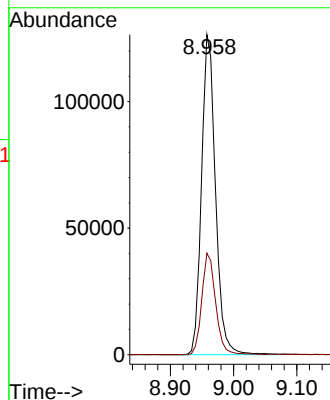
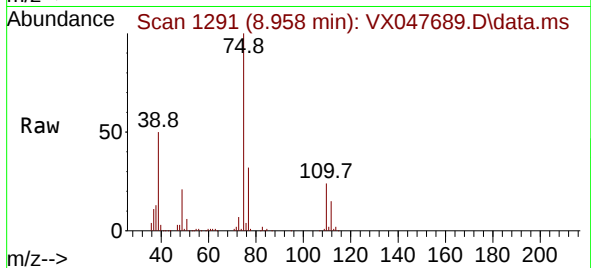
77 31.7 25.4 38.2

Manual Integrations

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Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#54

cis-1,3-Dichloropropene

Concen: 52.459 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

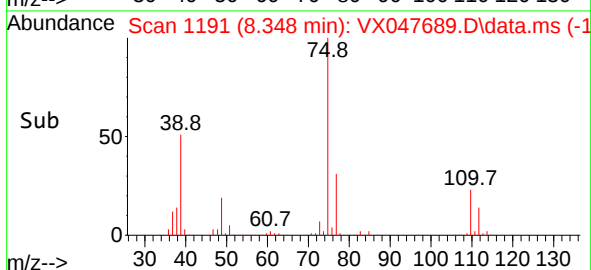
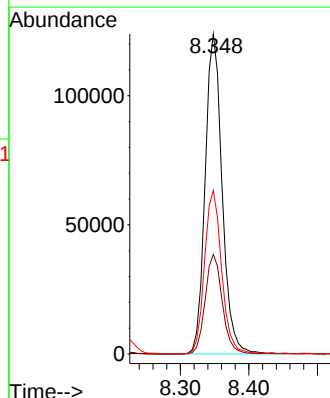
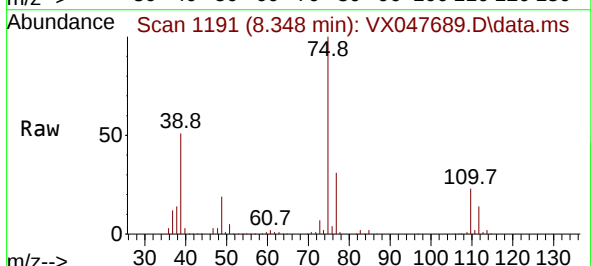
Tgt Ion: 75 Resp: 214043

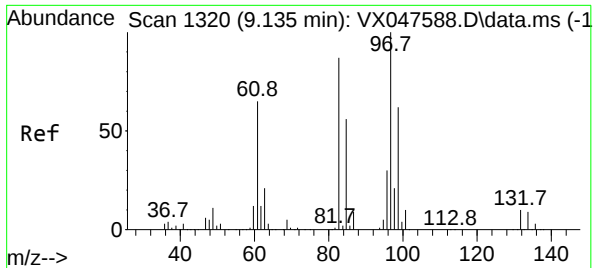
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

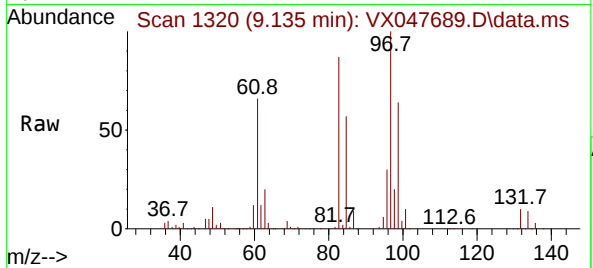
39 50.5 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 49.721 ug/l
RT: 9.135 min Scan# 11496
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

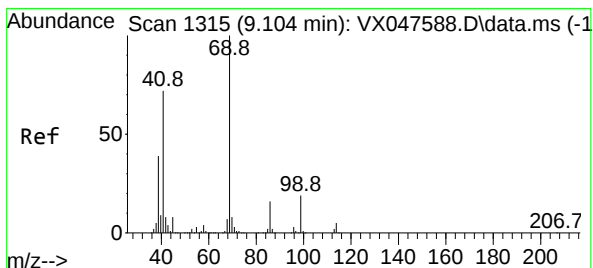
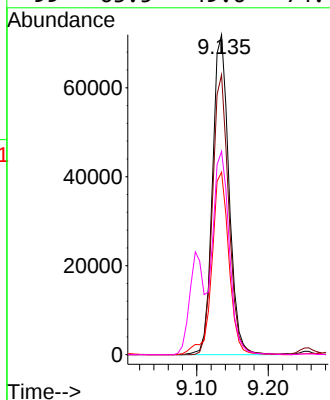
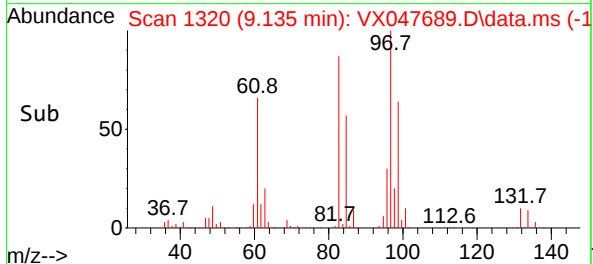


Tgt Ion: 97 Resp: 114964

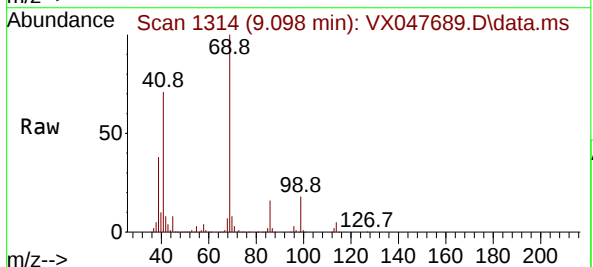
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.6	104.4
85	57.0	45.0	67.6
99	63.5	49.6	74.4

Manual Integrations
APPROVED

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

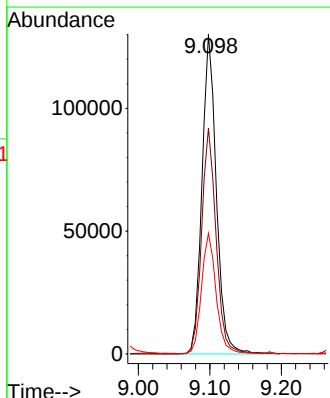
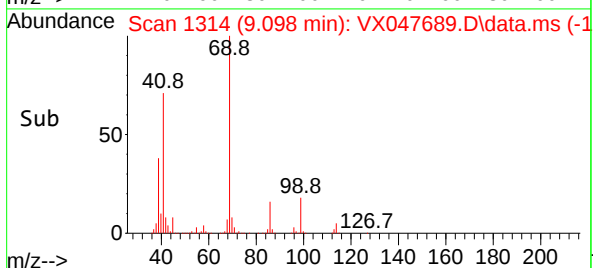


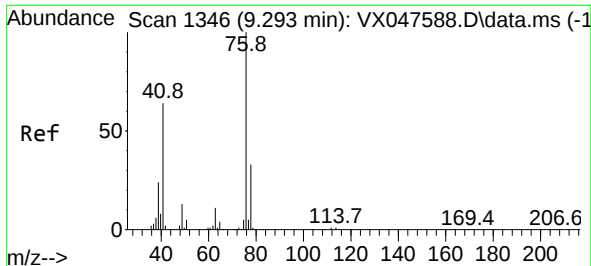
#56
Ethyl methacrylate
Concen: 50.070 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38



Tgt Ion: 69 Resp: 181815

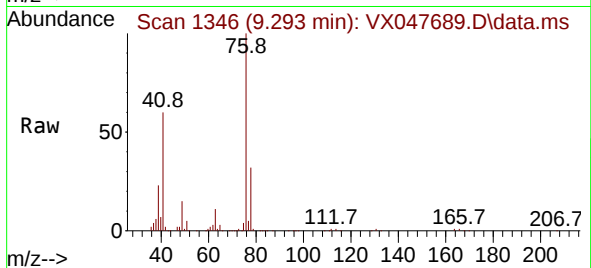
Ion	Ratio	Lower	Upper
69	100		
41	71.1	58.6	87.8
39	37.9	31.5	47.3





#57
1,3-Dichloropropane
Concen: 51.053 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

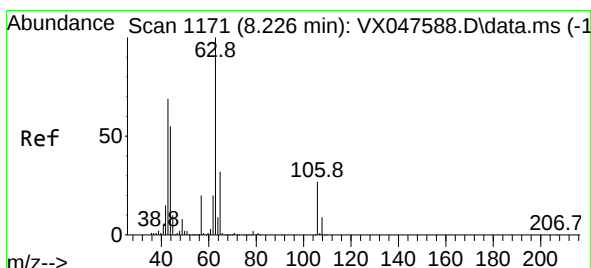
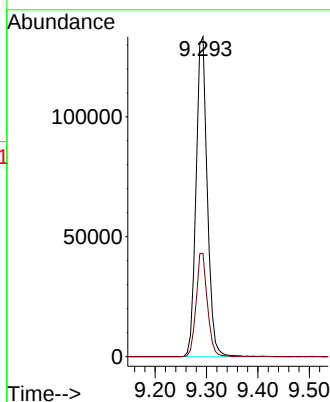
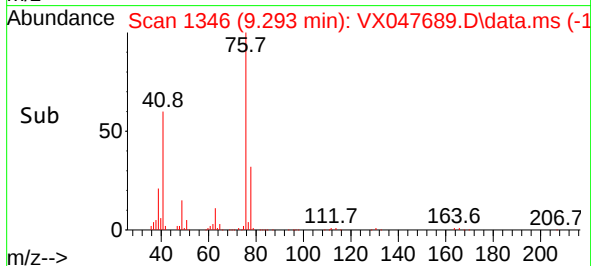
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



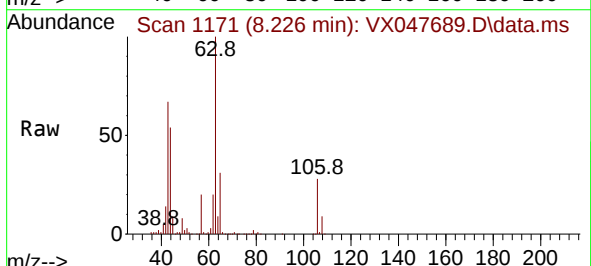
Tgt Ion: 76 Resp: 20278
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4

Manual Integrations
APPROVED

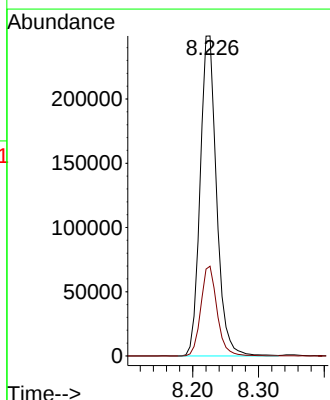
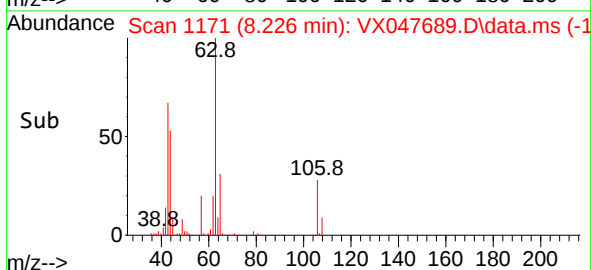
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

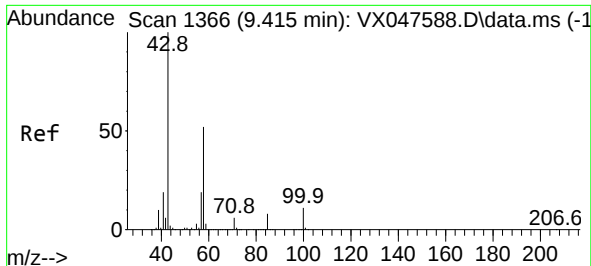


#58
2-Chloroethyl Vinyl ether
Concen: 249.751 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38



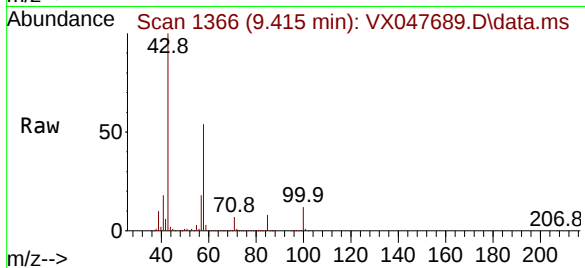
Tgt Ion: 63 Resp: 433231
Ion Ratio Lower Upper
63 100
106 27.7 21.9 32.9





#59
2-Hexanone
Concen: 227.437 ug/l
RT: 9.415 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

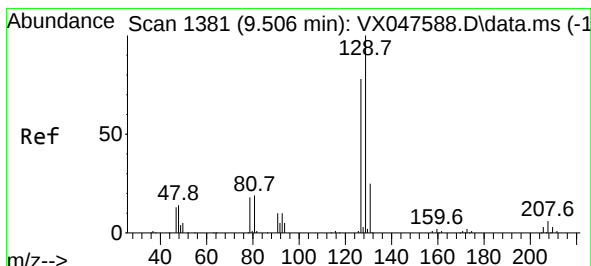
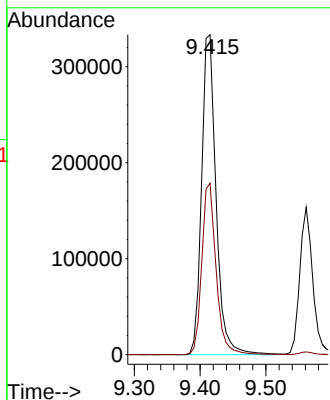
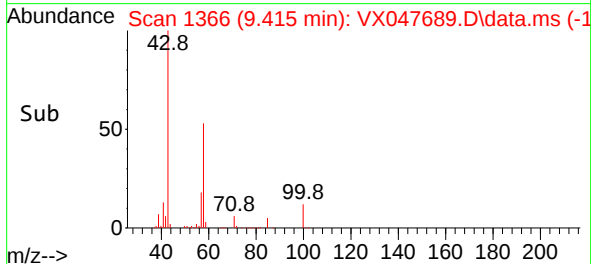
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 50964
Ion Ratio Lower Upper
43 100
58 53.1 26.1 78.2

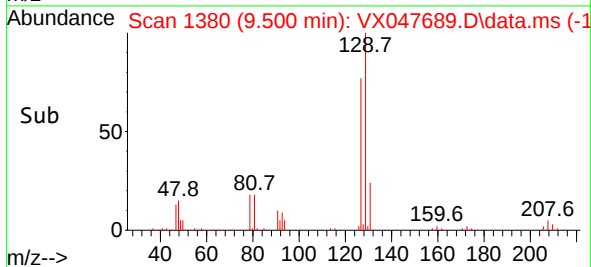
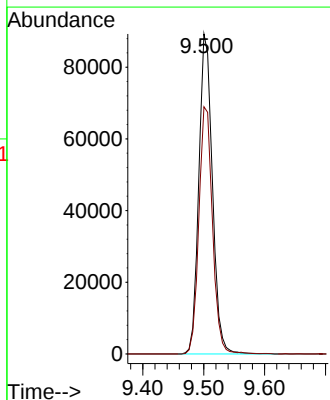
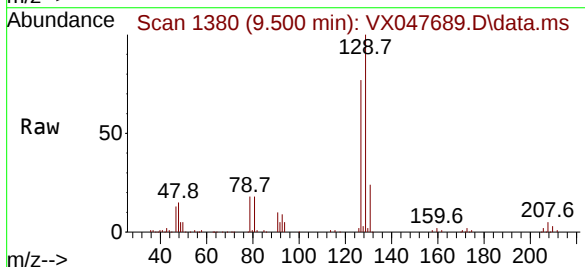
Manual Integrations
APPROVED

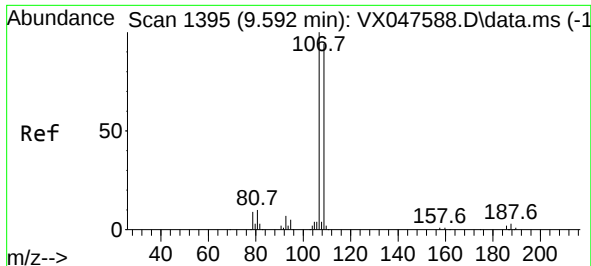
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#60
Dibromochloromethane
Concen: 51.886 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

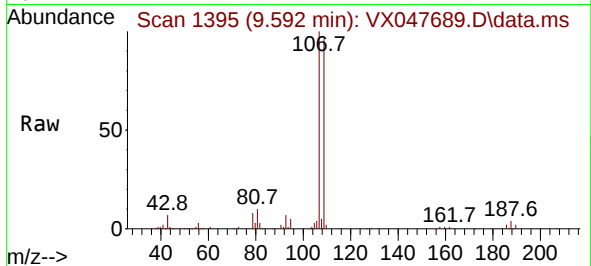
Tgt Ion:129 Resp: 138233
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61
1,2-Dibromoethane
Concen: 51.062 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

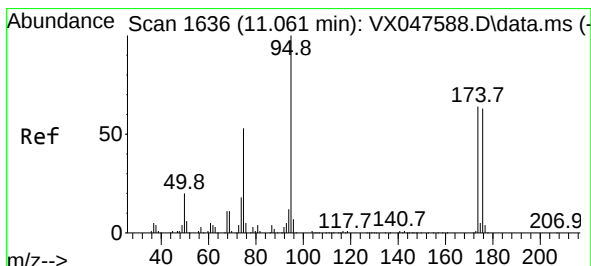
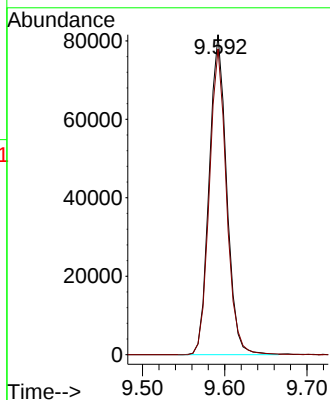
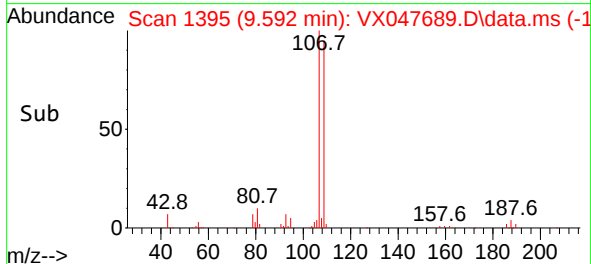
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



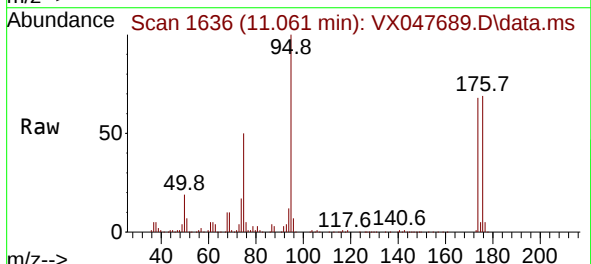
Tgt Ion:107 Resp: 12025
Ion Ratio Lower Upper
107 100
109 94.2 75.3 112.9

Manual Integrations
APPROVED

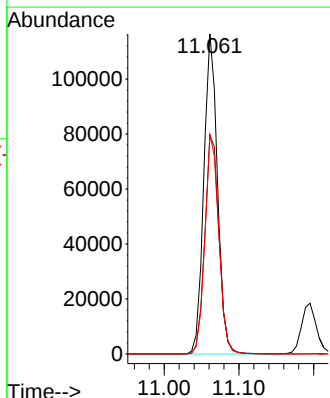
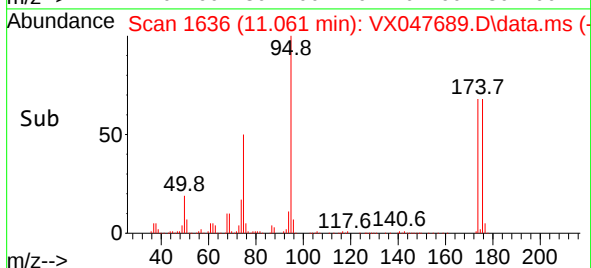
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

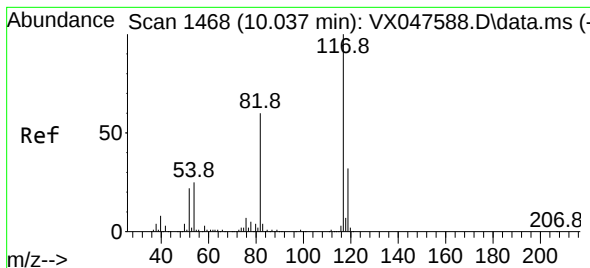


#62
4-Bromofluorobenzene
Concen: 51.184 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38



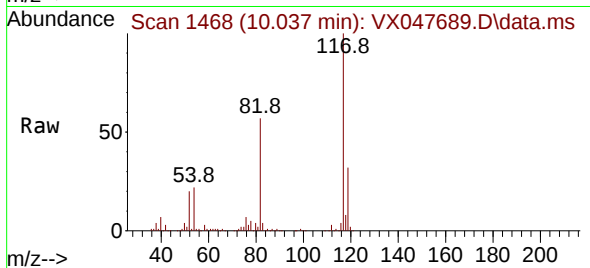
Tgt Ion: 95 Resp: 147405
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.6
176 69.5 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

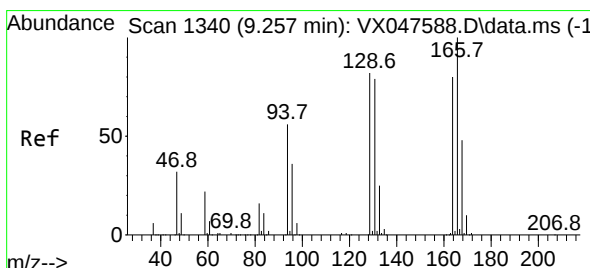
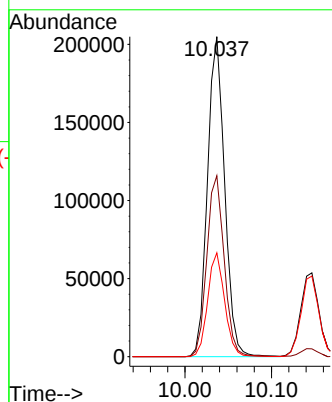
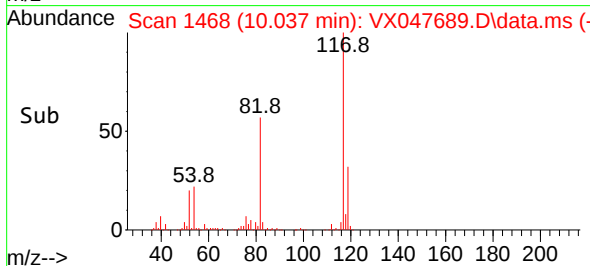
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 28223
Ion Ratio Lower Upper
117 100
82 56.6 47.8 71.6
119 32.5 25.2 37.8

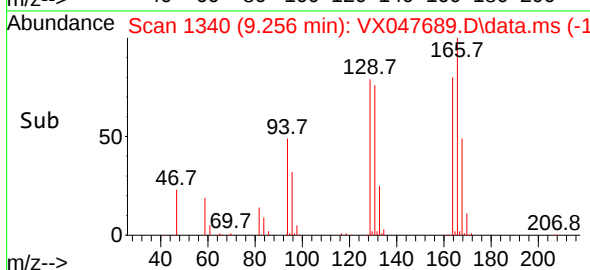
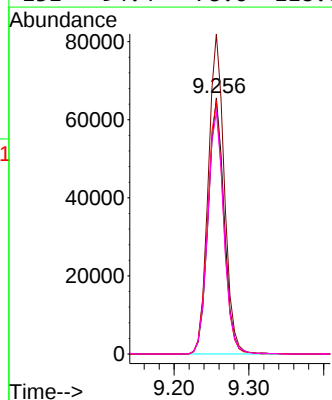
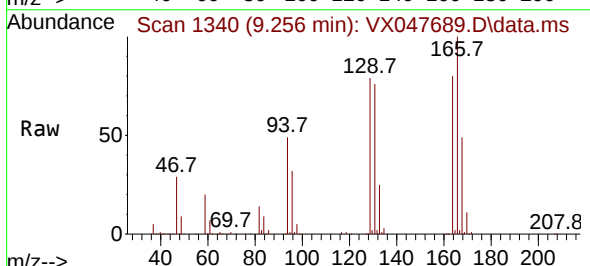
Manual Integrations
APPROVED

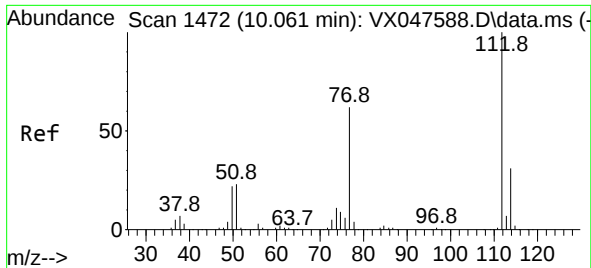
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#64
Tetrachloroethene
Concen: 52.674 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Tgt Ion:164 Resp: 96914
Ion Ratio Lower Upper
164 100
166 125.0 100.2 150.2
129 98.5 81.8 122.6
131 94.4 78.6 118.0





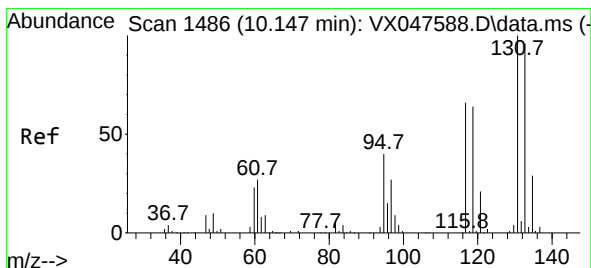
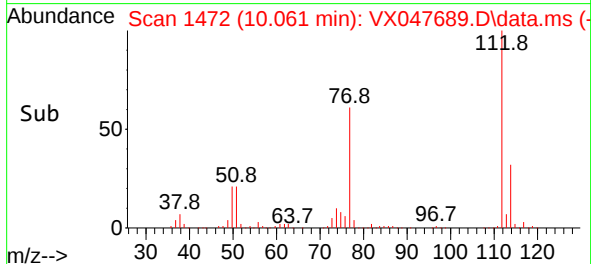
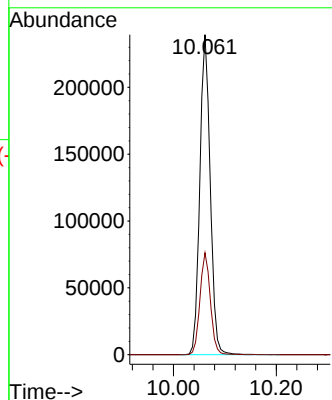
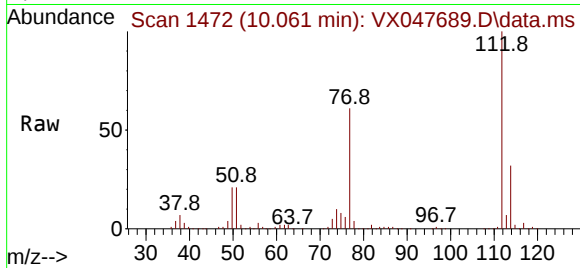
#65
Chlorobenzene
Concen: 52.373 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 335812
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7

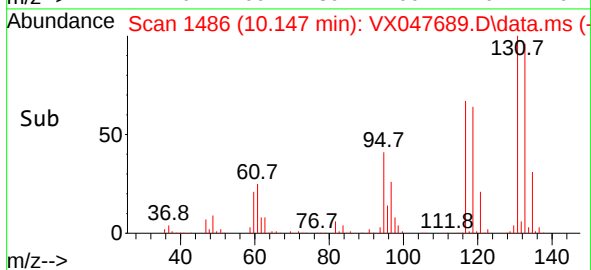
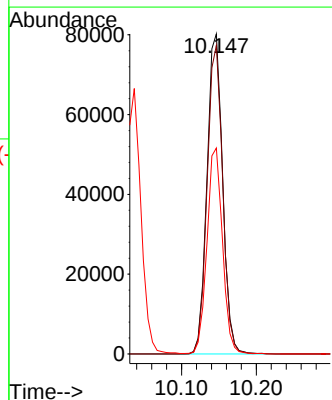
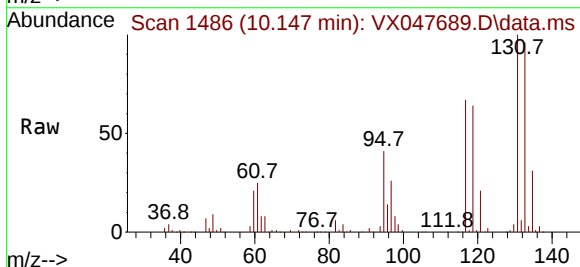
Manual Integrations
APPROVED

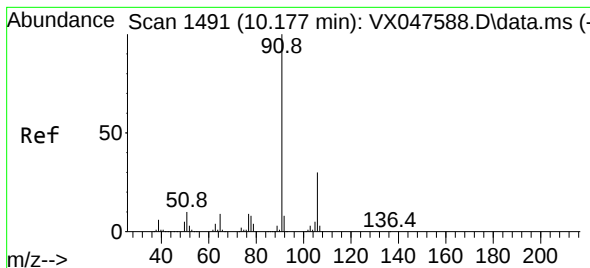
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.773 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

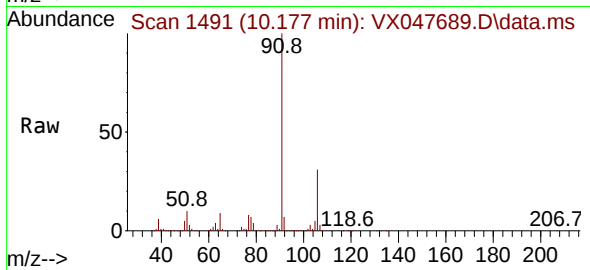
Tgt Ion:131 Resp: 116763
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 63.9 32.0 96.0





#67
Ethyl Benzene
Concen: 52.587 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

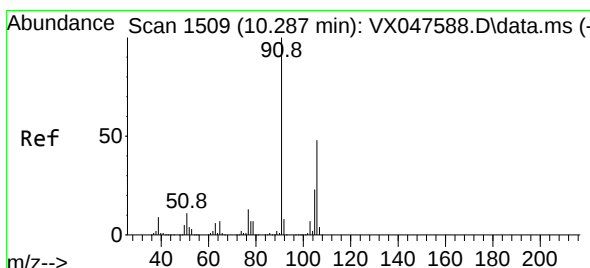
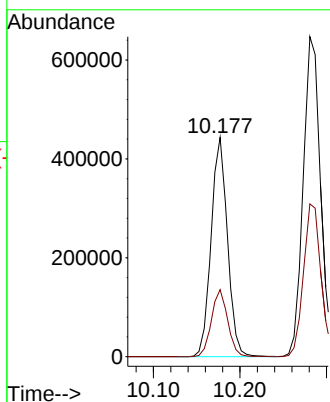
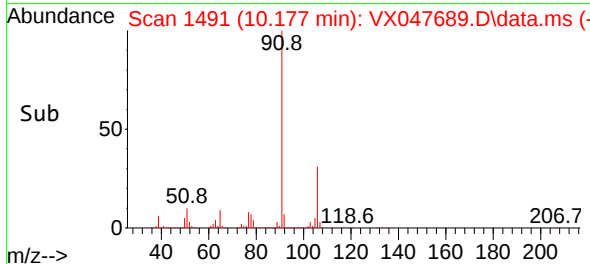
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 581779
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

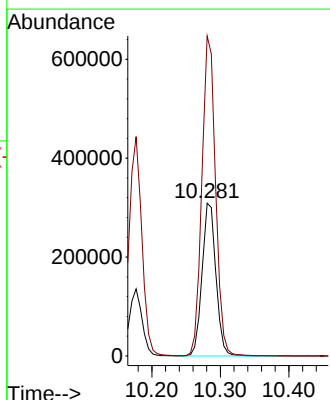
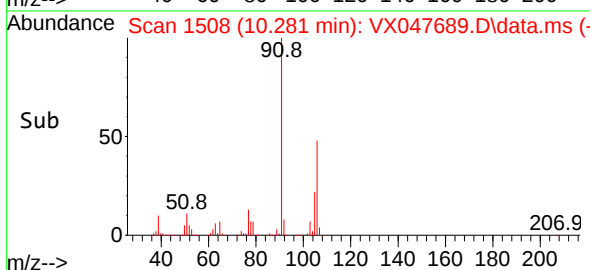
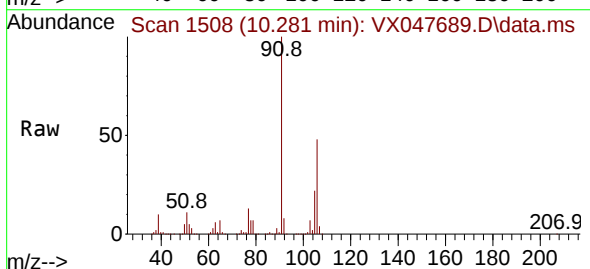
Manual Integrations
APPROVED

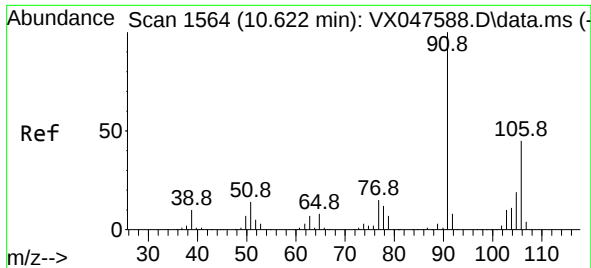
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#68
m/p-Xylenes
Concen: 105.410 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Tgt Ion:106 Resp: 434058
Ion Ratio Lower Upper
106 100
91 207.6 167.8 251.8





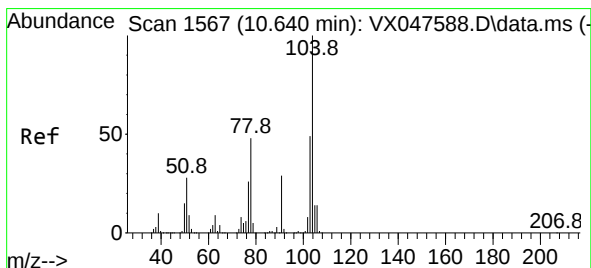
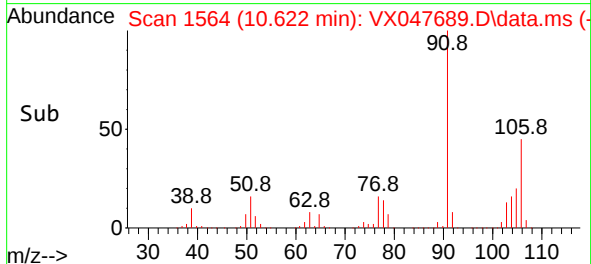
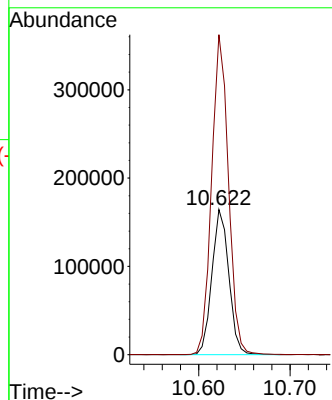
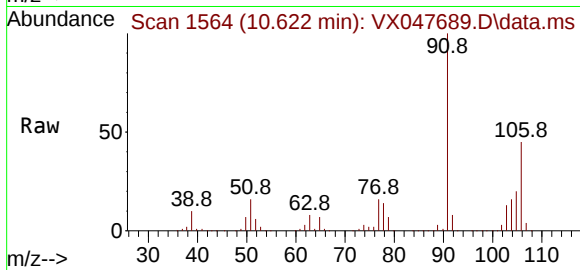
#69
o-Xylene
Concen: 53.057 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 21132
Ion Ratio Lower Upper
106 100
91 218.6 111.1 333.4

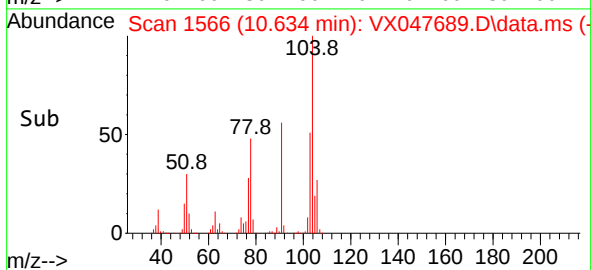
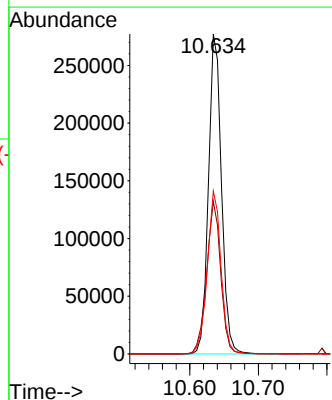
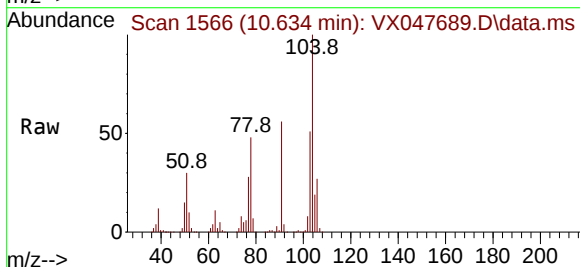
Manual Integrations
APPROVED

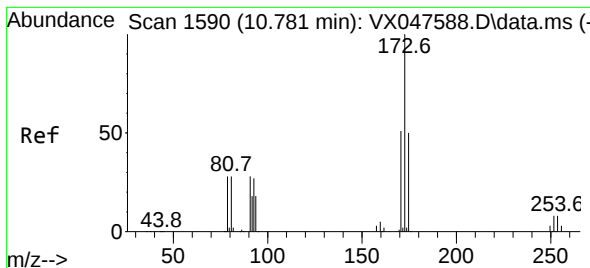
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#70
Styrene
Concen: 52.550 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Tgt Ion:104 Resp: 366737
Ion Ratio Lower Upper
104 100
78 51.7 43.1 64.7
103 53.9 43.1 64.7





#71

Bromoform

Concen: 53.124 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 87760

Ion Ratio Lower Upper

173 100

175 48.4 24.9 74.6

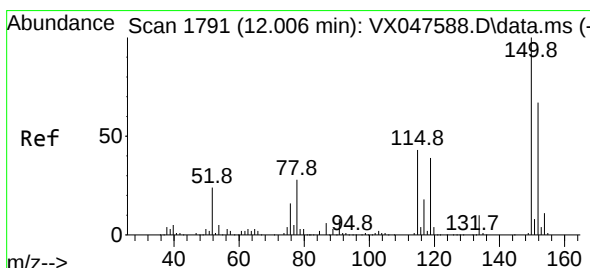
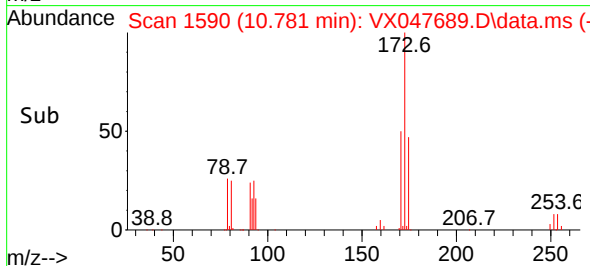
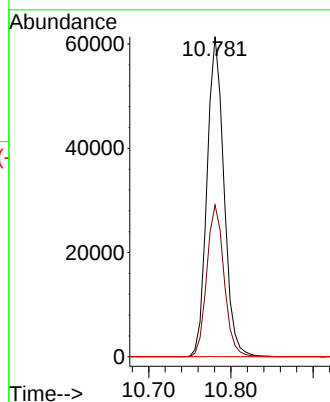
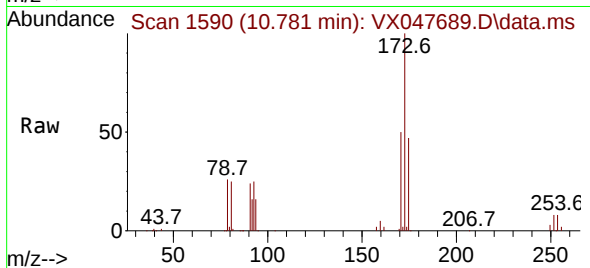
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

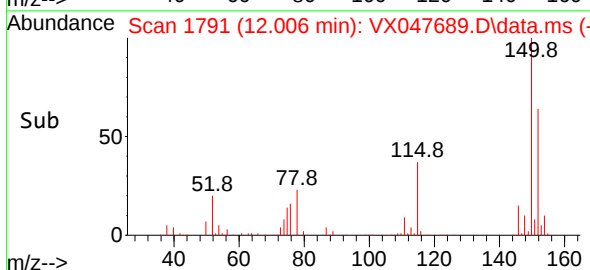
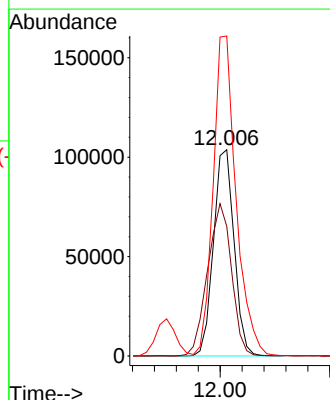
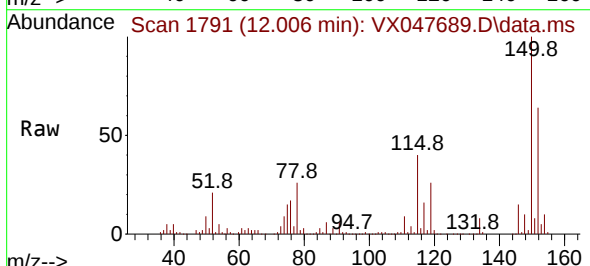
Tgt Ion:152 Resp: 135594

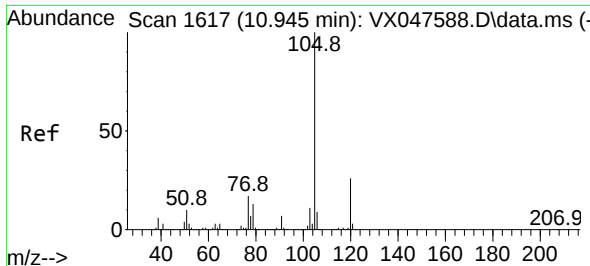
Ion Ratio Lower Upper

152 100

115 85.7 44.9 134.5

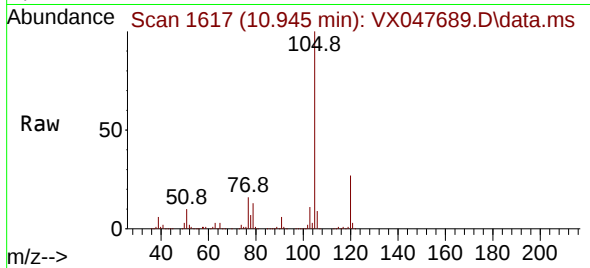
150 172.0 0.0 352.0





#73
Isopropylbenzene
Concen: 51.399 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

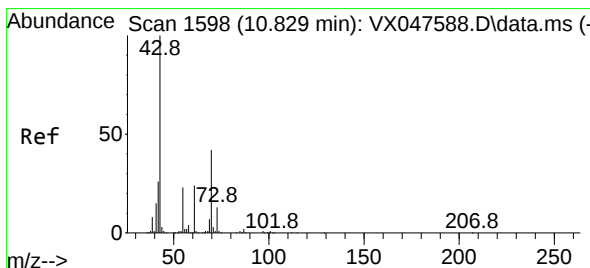
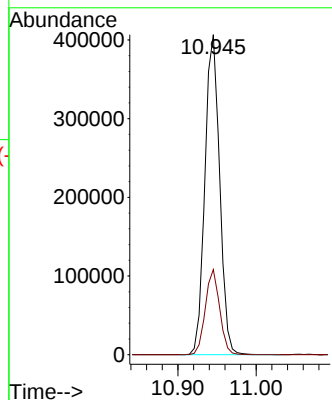
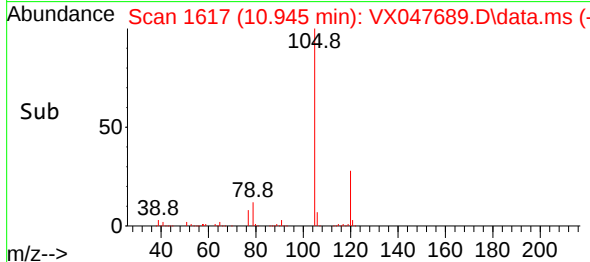
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 52986
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

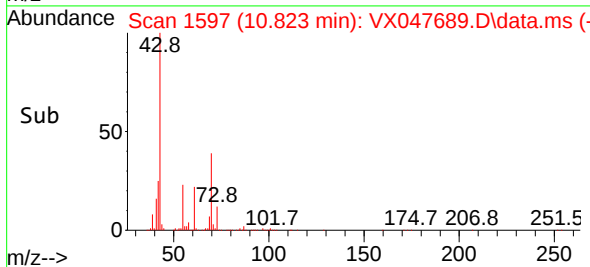
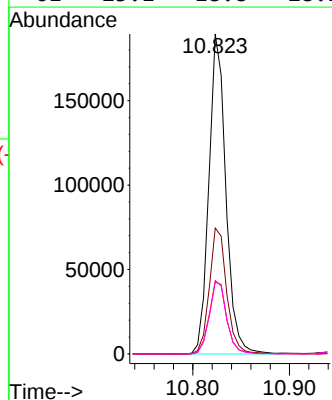
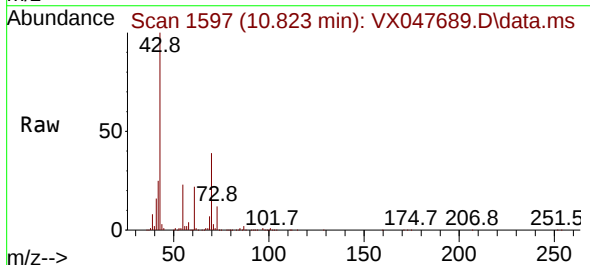
Manual Integrations
APPROVED

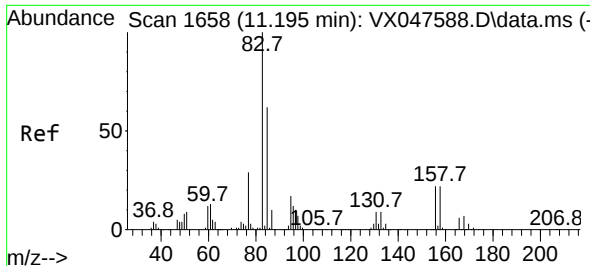
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#74
N-ethyl acetate
Concen: 49.332 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

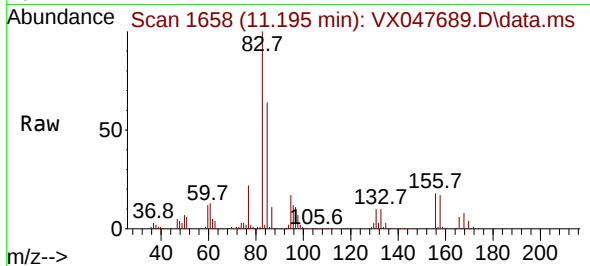
Tgt Ion: 43 Resp: 231908
Ion Ratio Lower Upper
43 100
70 40.4 32.0 48.0
55 23.6 18.9 28.3
61 23.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.211 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

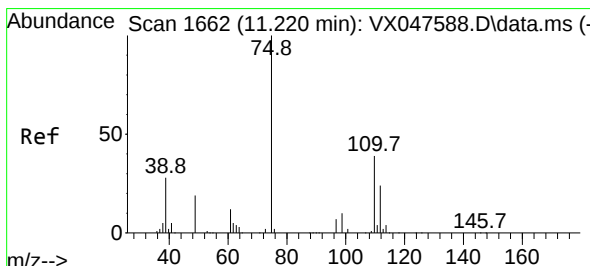
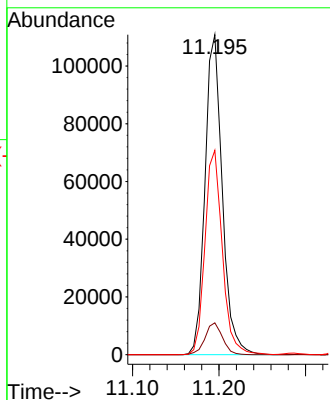
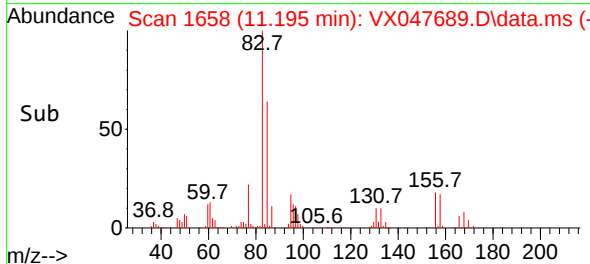
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



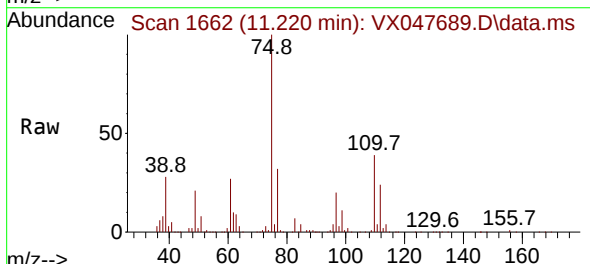
Tgt Ion: 83 Resp: 153480
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.2 31.6 95.0

Manual Integrations
APPROVED

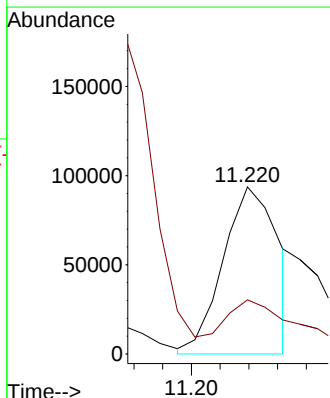
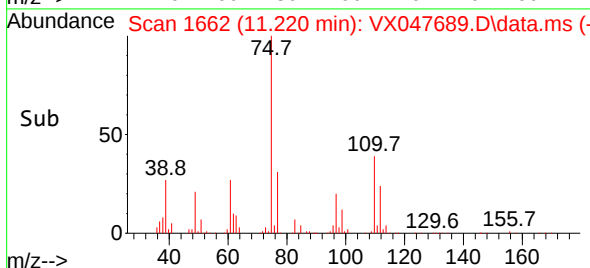
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

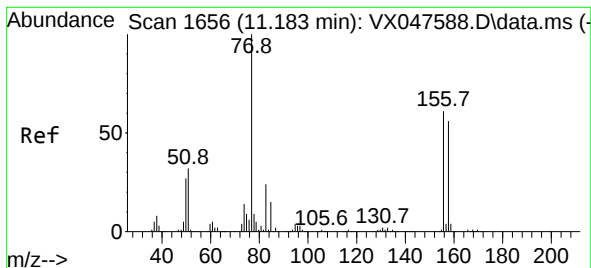


#76
1,2,3-Trichloropropane
Concen: 45.328 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38



Tgt Ion: 75 Resp: 124442
Ion Ratio Lower Upper
75 100
77 44.6 18.8 56.4





#77

Bromobenzene

Concen: 51.207 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

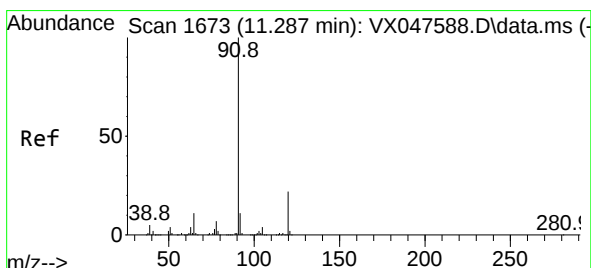
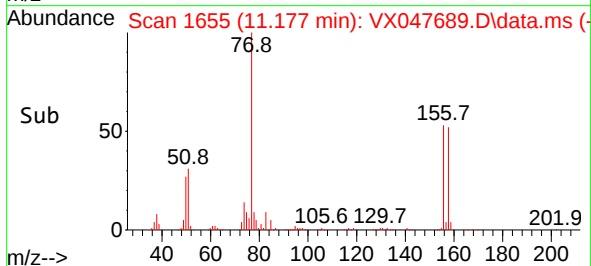
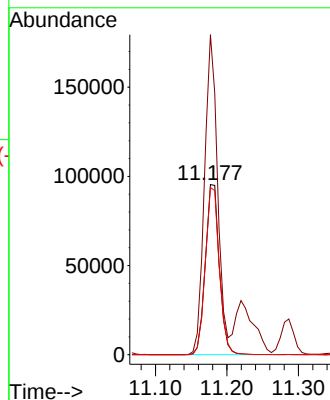
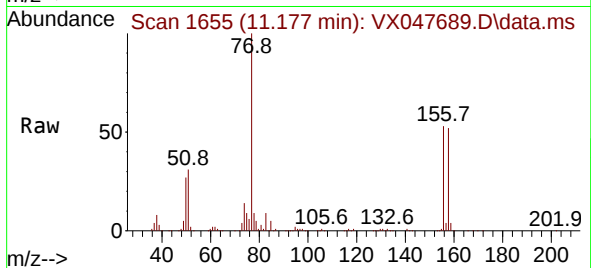
Tgt Ion:	156	Resp:	13001
Ion Ratio	Lower	Upper	
156	100		
77	175.2	89.7	269.1
158	98.1	47.9	143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#78

n-propylbenzene

Concen: 51.190 ug/l

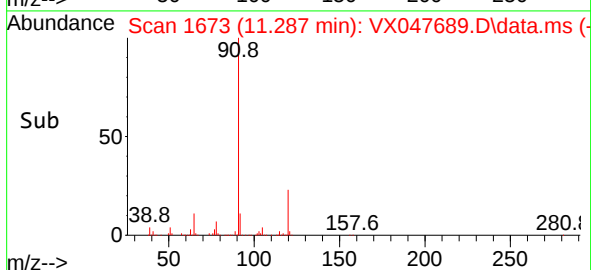
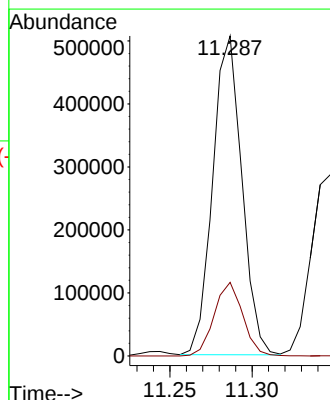
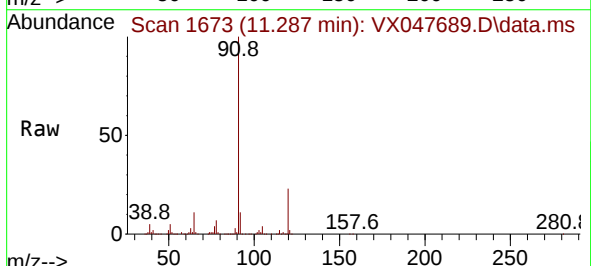
RT: 11.287 min Scan# 1673

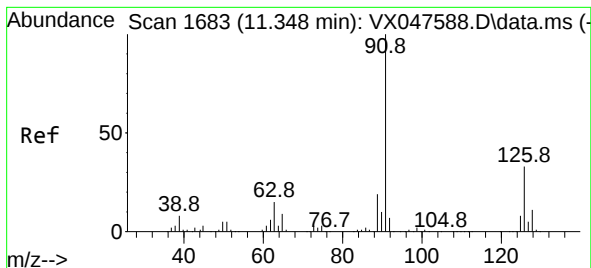
Delta R.T. -0.000 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Tgt Ion:	91	Resp:	623815
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.1	33.1





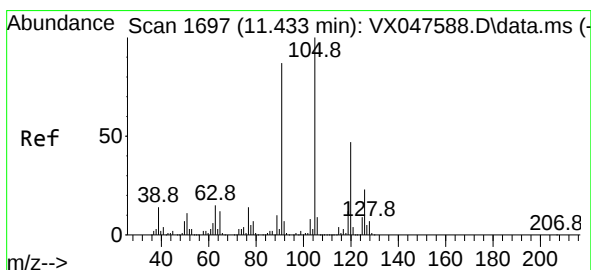
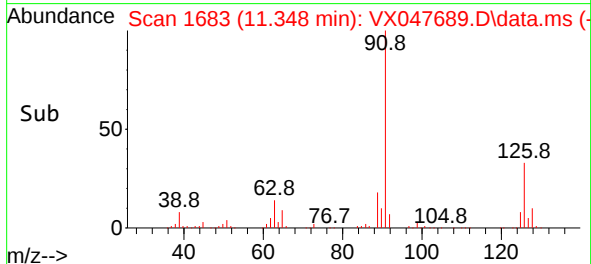
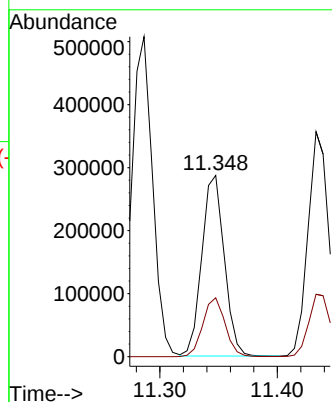
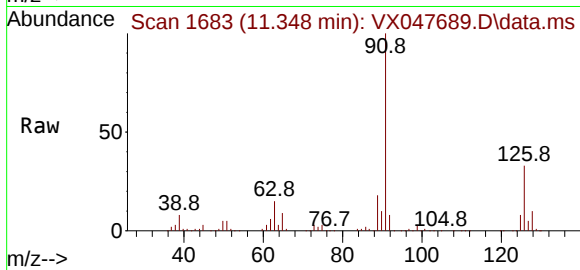
#79
2-Chlorotoluene
Concen: 50.962 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 380369
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.3

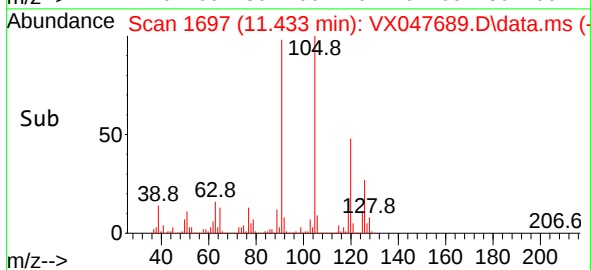
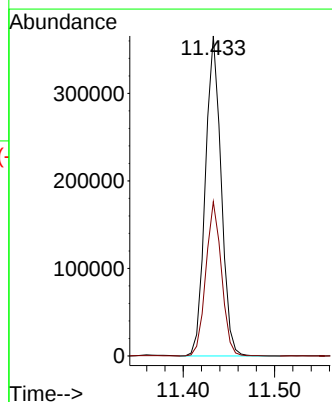
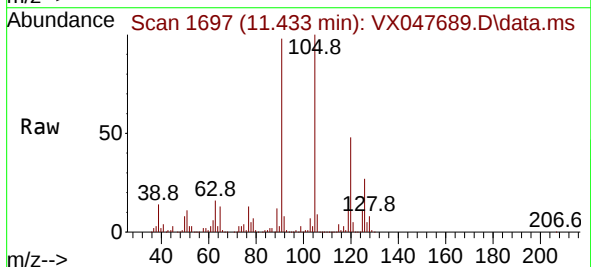
Manual Integrations
APPROVED

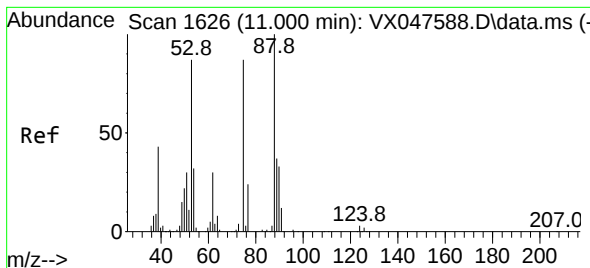
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.525 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

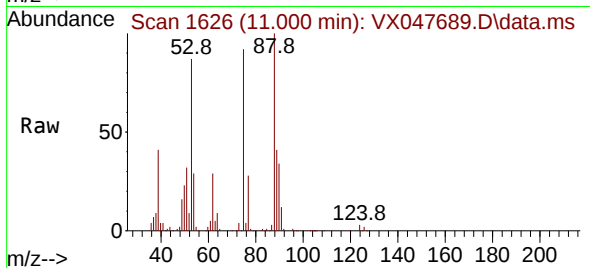
Tgt Ion:105 Resp: 436393
Ion Ratio Lower Upper
105 100
120 47.8 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.334 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

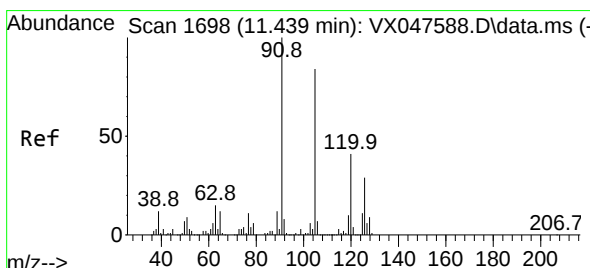
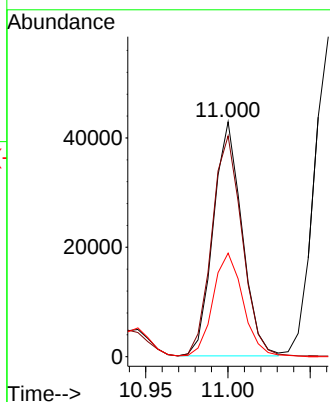
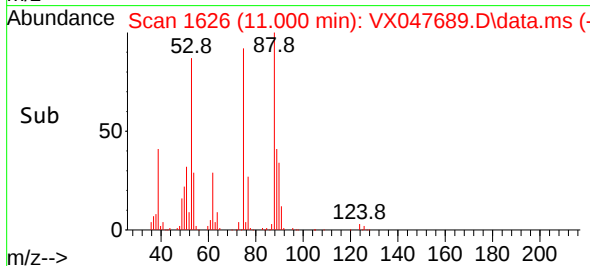
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



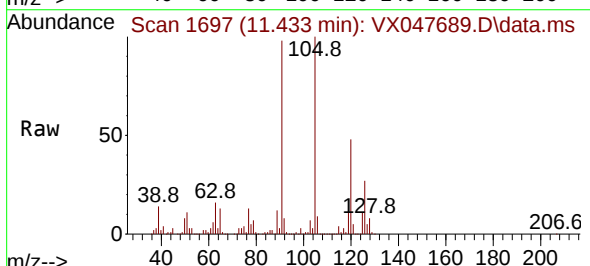
Tgt Ion: 75 Resp: 52034
Ion Ratio Lower Upper
75 100
53 99.6 83.4 125.2
89 46.6 36.3 54.5

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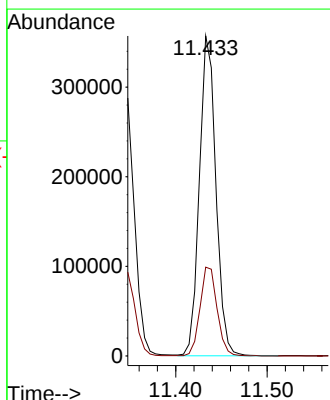
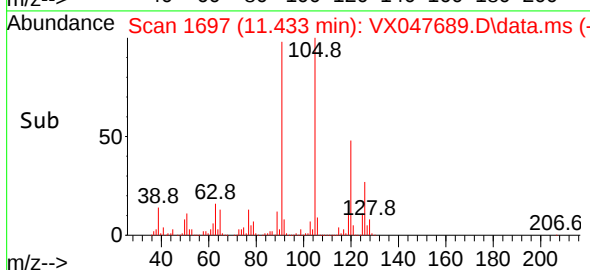
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

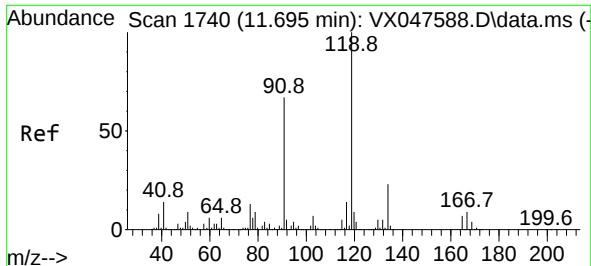


#82
4-Chlorotoluene
Concen: 50.709 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38



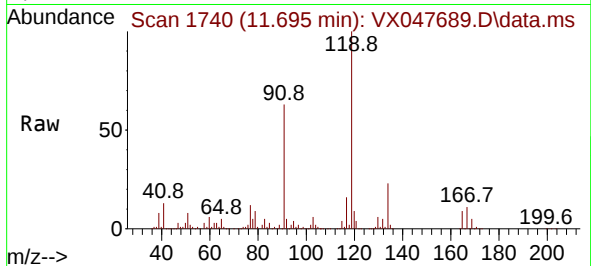
Tgt Ion: 91 Resp: 447005
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.469 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

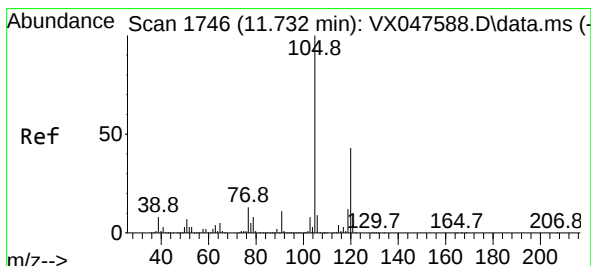
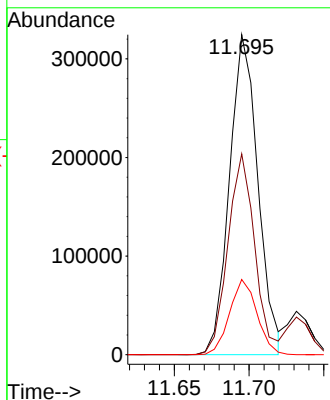
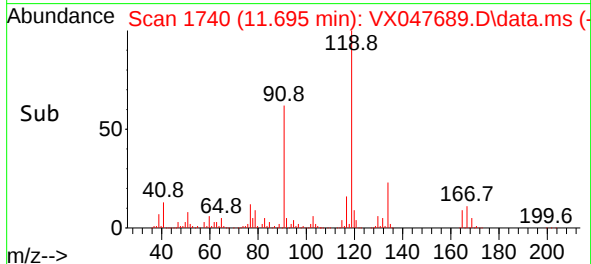
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



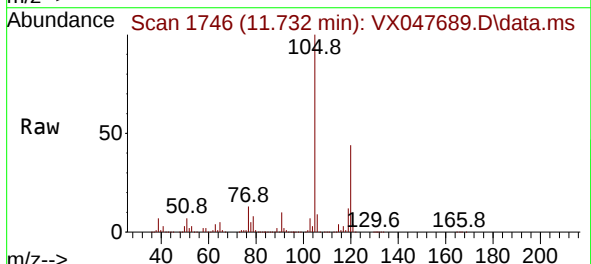
Tgt Ion:119 Resp: 428900
Ion Ratio Lower Upper
119 100
91 59.3 29.6 88.8
134 22.7 11.0 33.0

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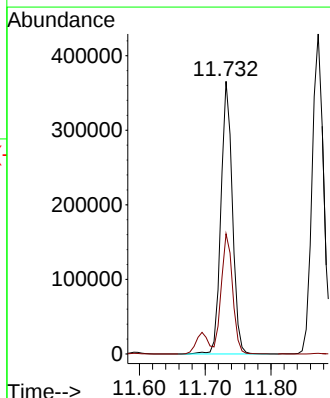
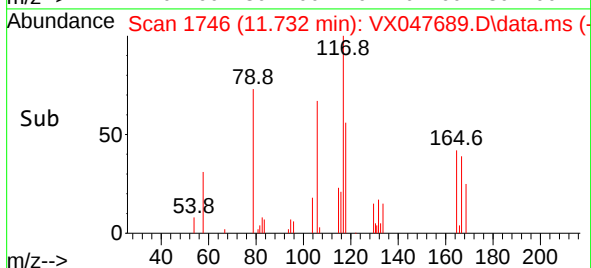
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

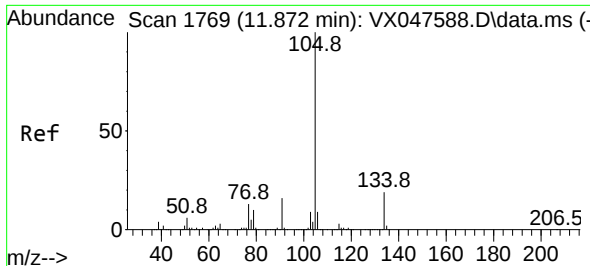


#84
1,2,4-Trimethylbenzene
Concen: 51.338 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38



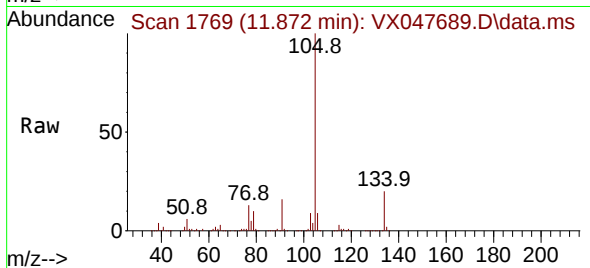
Tgt Ion:105 Resp: 440824
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 50.386 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047689.D
 Acq: 22 Sep 2025 09:38

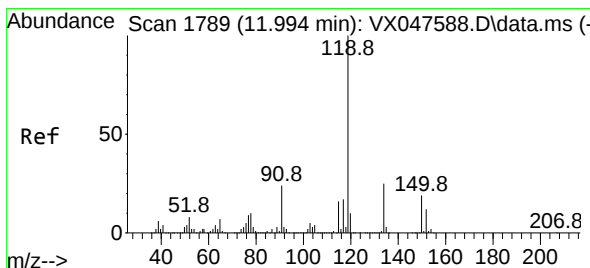
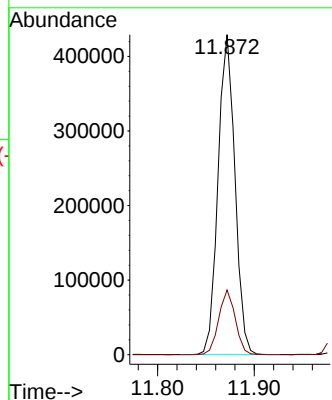
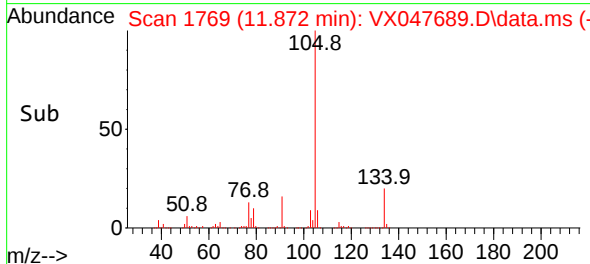
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



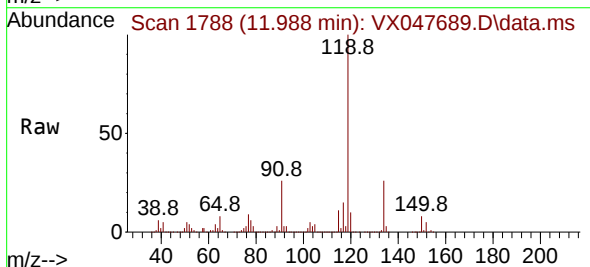
Tgt Ion:105 Resp: 51888
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

Manual Integrations
 APPROVED

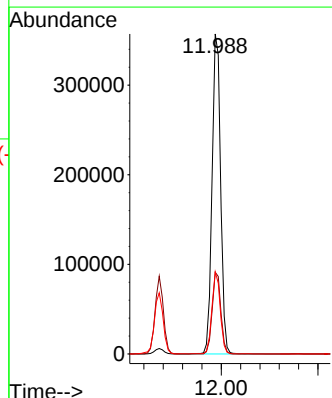
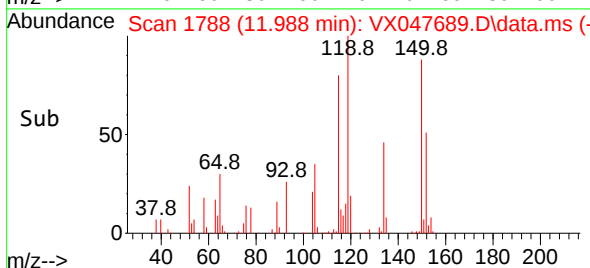
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

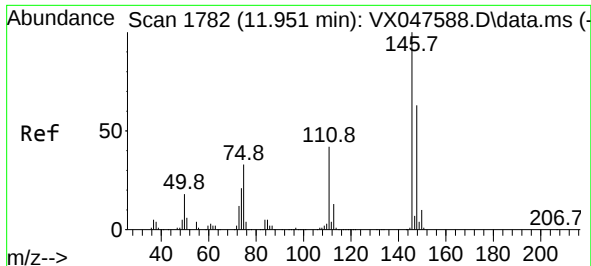


#86
 p-Isopropyltoluene
 Concen: 50.142 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX047689.D
 Acq: 22 Sep 2025 09:38



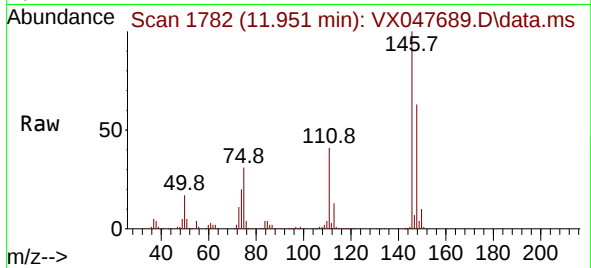
Tgt Ion:119 Resp: 437167
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 25.1 12.6 37.6





#87
 1,3-Dichlorobenzene
 Concen: 50.649 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VX047689.D
 Acq: 22 Sep 2025 09:38

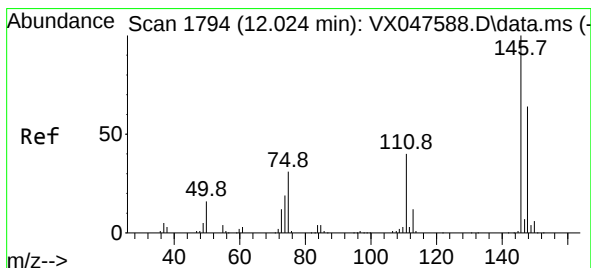
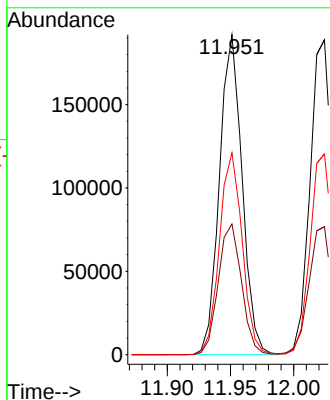
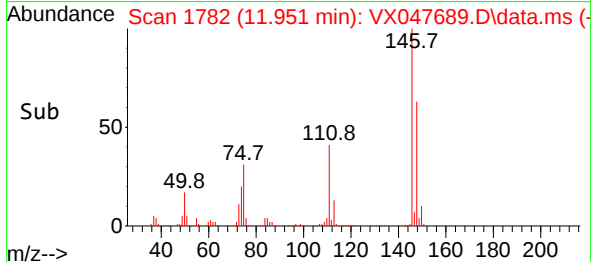
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



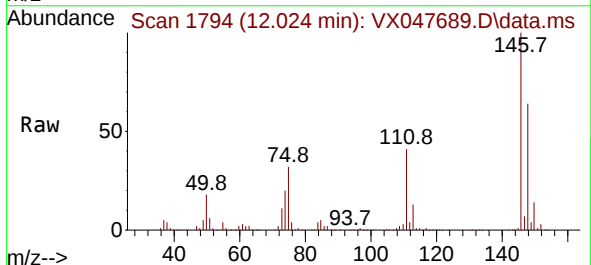
Tgt Ion:146 Resp: 23885
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.5 64.5
 148 63.5 32.0 96.0

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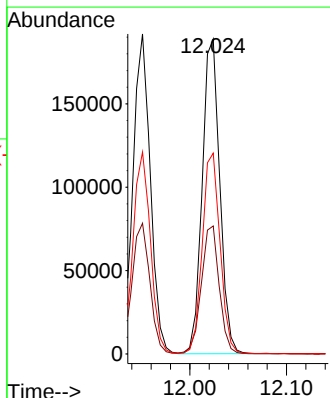
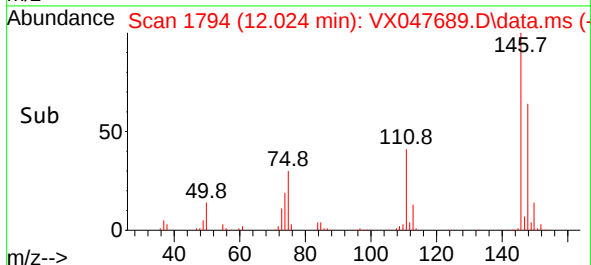
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

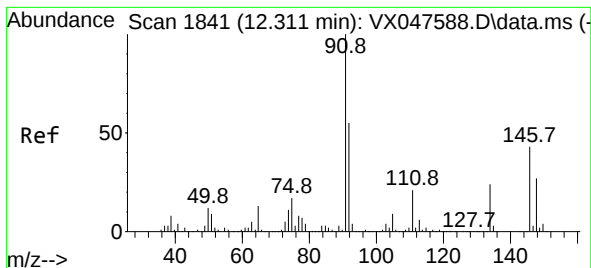


#88
 1,4-Dichlorobenzene
 Concen: 49.364 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX047689.D
 Acq: 22 Sep 2025 09:38



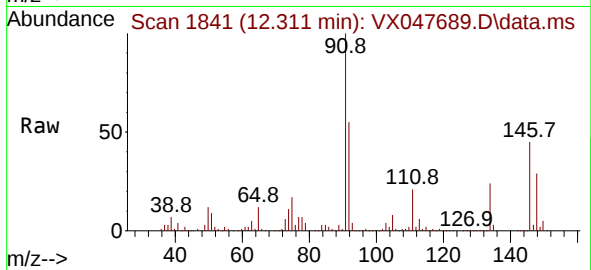
Tgt Ion:146 Resp: 238927
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.4
 148 64.5 31.7 95.1





#89
n-Butylbenzene
Concen: 50.441 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

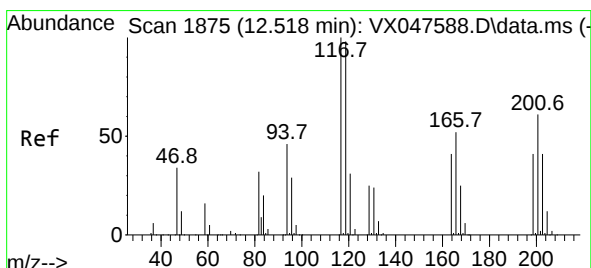
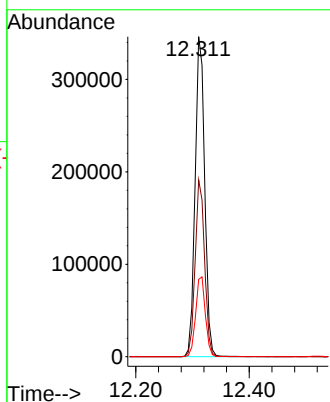
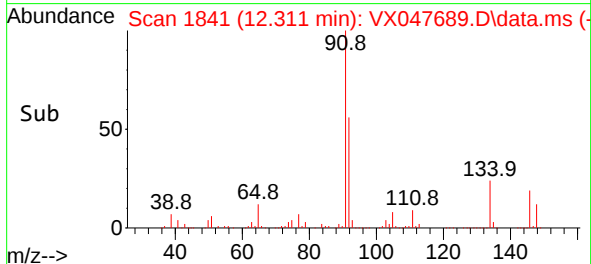
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 406919
Ion Ratio Lower Upper
91 100
92 54.4 27.6 82.7
134 25.3 12.6 37.8

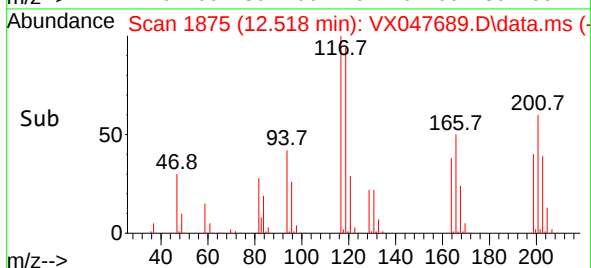
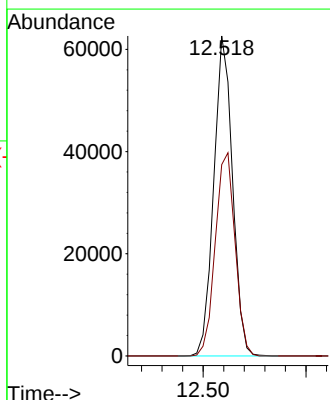
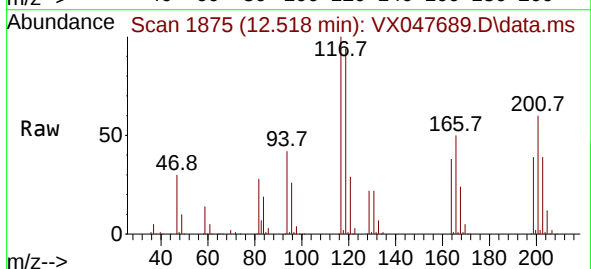
Manual Integrations
APPROVED

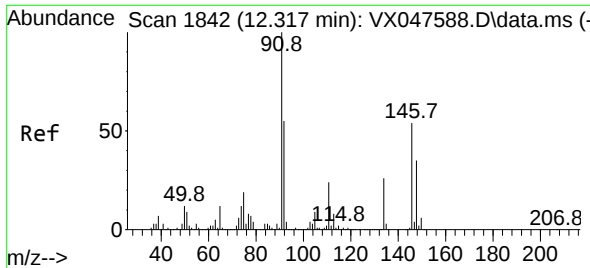
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#90
Hexachloroethane
Concen: 51.794 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

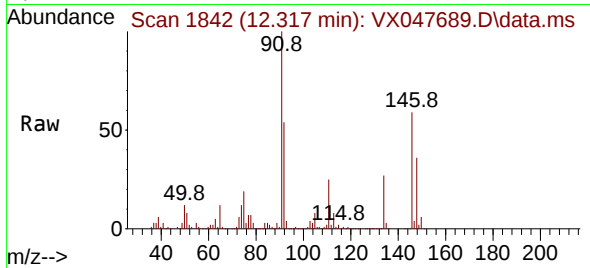
Tgt Ion:117 Resp: 79281
Ion Ratio Lower Upper
117 100
201 66.9 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.568 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

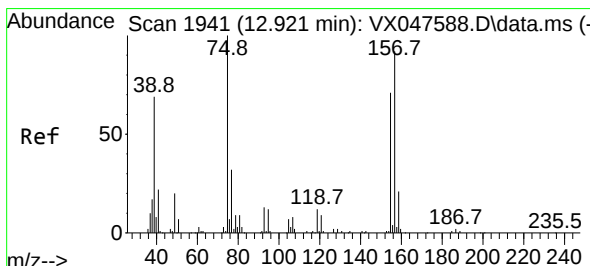
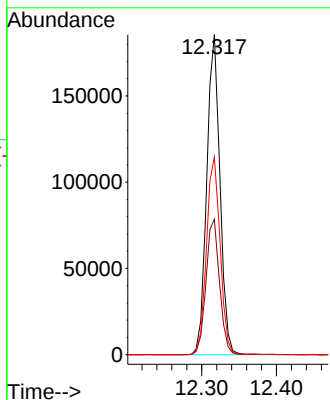
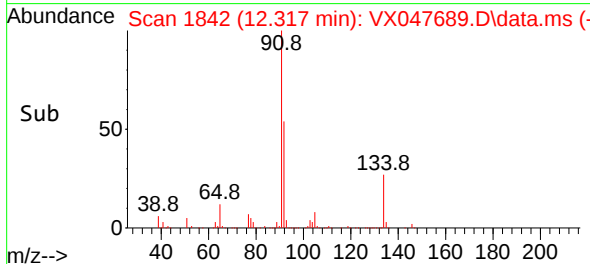
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



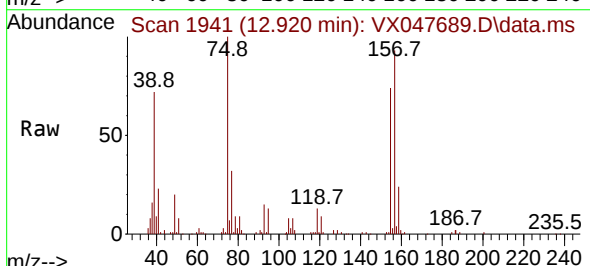
Tgt Ion:146 Resp: 22719
Ion Ratio Lower Upper
146 100
111 43.5 22.2 66.6
148 63.6 31.8 95.4

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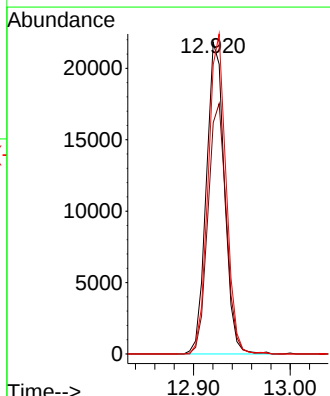
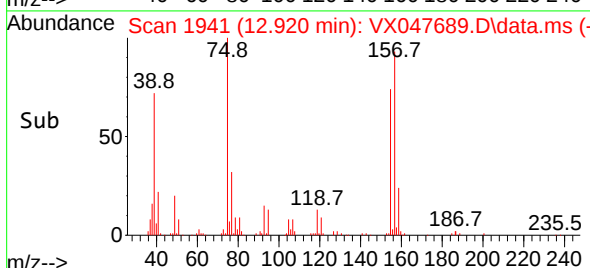
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

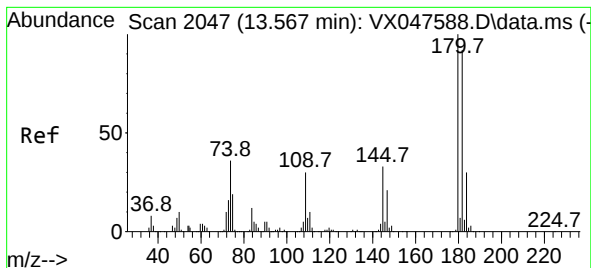


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.046 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38



Tgt Ion: 75 Resp: 28445
Ion Ratio Lower Upper
75 100
155 81.6 37.7 113.1
157 101.4 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 49.042 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 14320

Ion Ratio Lower Upper

180 100

182 93.3 46.6 139.8

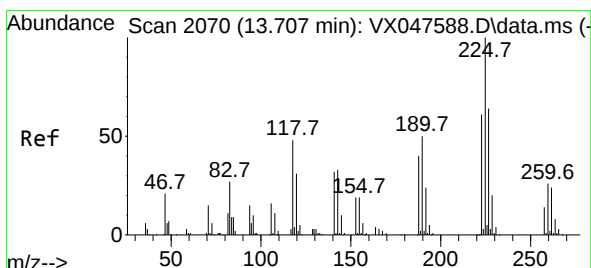
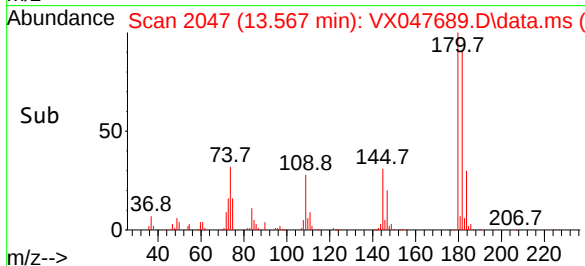
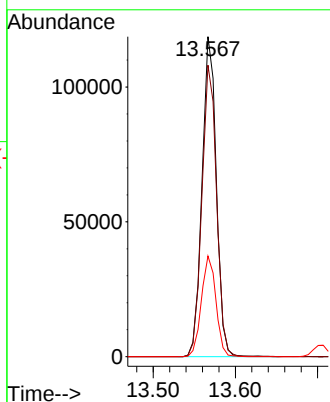
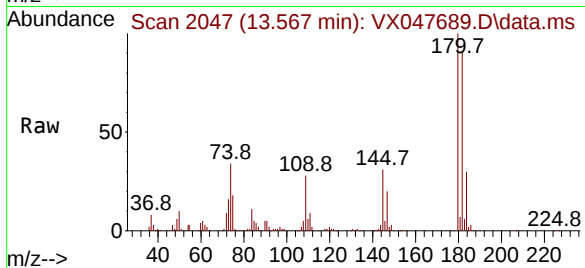
145 32.0 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#94

Hexachlorobutadiene

Concen: 47.039 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047689.D

Acq: 22 Sep 2025 09:38

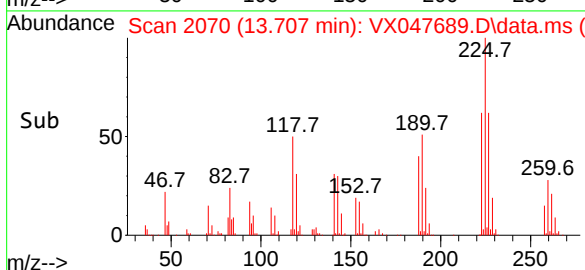
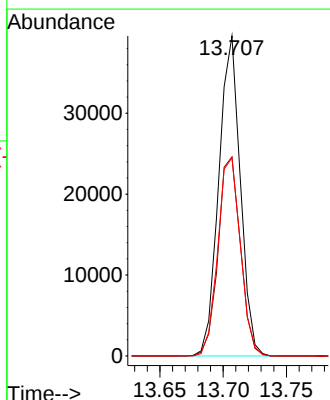
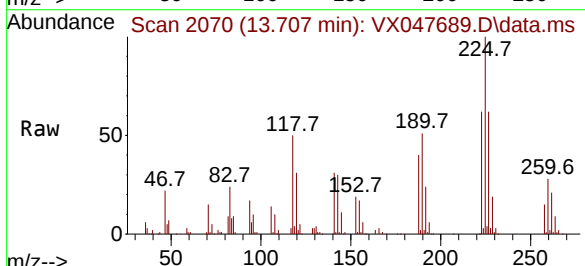
Tgt Ion:225 Resp: 46654

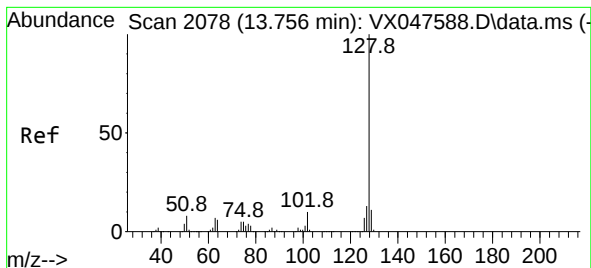
Ion Ratio Lower Upper

225 100

223 64.4 31.7 95.1

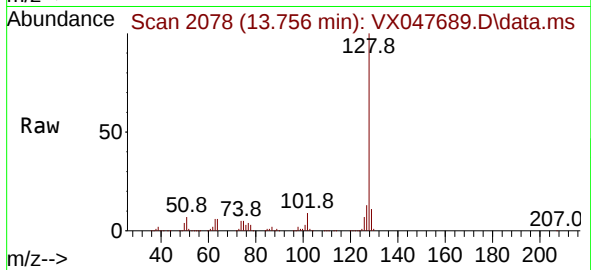
227 65.0 32.0 96.0





#95
Naphthalene
Concen: 46.595 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38

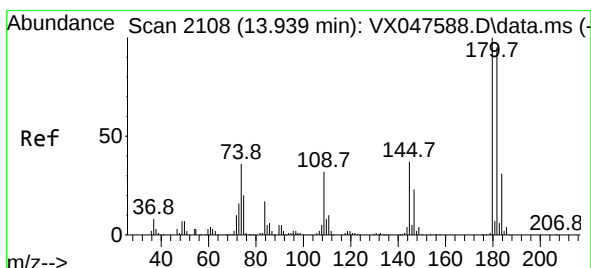
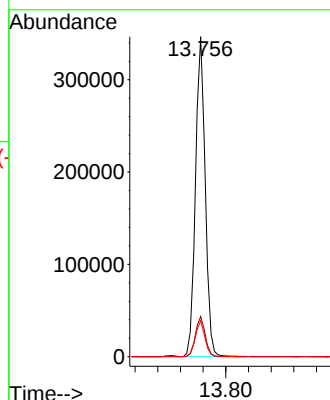
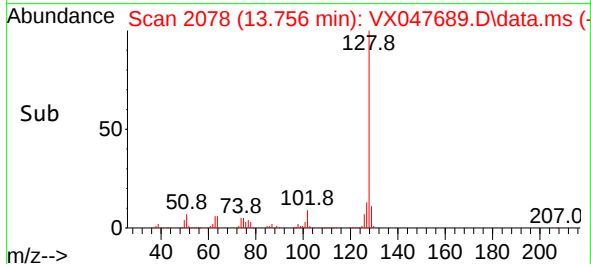
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



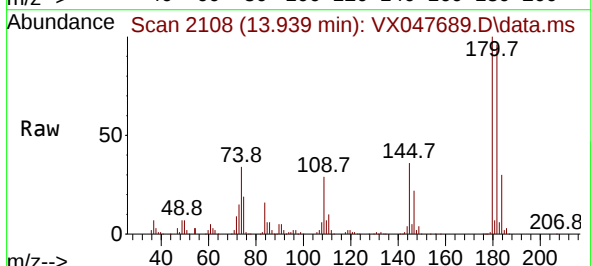
Tgt Ion:128 Resp: 414295
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.912 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047689.D
Acq: 22 Sep 2025 09:38



Tgt Ion:180 Resp: 130139
Ion Ratio Lower Upper
180 100
182 95.4 47.6 142.8
145 35.0 17.9 53.7

