

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047593.D
 Acq On : 16 Sep 2025 14:03
 Operator : JC/MD
 Sample : VX0916MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBL01

Quant Time: Sep 22 02:07:33 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	5.538	168	133117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	268042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	113017	53.338	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.680%			
35) Dibromofluoromethane	5.367	113	91020	50.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	8.629	98	326402	52.475	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.940%			
62) 4-Bromofluorobenzene	11.061	95	139939	59.279	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	288	0.209	ug/l	98
3) Chloromethane	1.301	50	395	0.218	ug/l #	48
5) Bromomethane	1.624	94	504	0.448	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	460	0.299	ug/l	94
10) Methyl Iodide	2.453	142	1374	0.572	ug/l #	72
11) Tert butyl alcohol	2.928	59	379	1.606	ug/l #	72
13) Acrolein	2.233	56	303	1.393	ug/l #	75
14) Allyl chloride	2.666	41	790	0.242	ug/l #	73
15) Acrylonitrile	3.069	53	1027	1.175	ug/l #	26
16) Acetone	2.380	43	1583	1.718	ug/l #	59
17) Carbon Disulfide	2.514	76	4302	0.994	ug/l #	88
18) Methyl Acetate	2.709	43	718	0.350	ug/l #	67
20) Methylene Chloride	2.794	84	725	0.372	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	654	0.384	ug/l	95
23) Vinyl Acetate	3.727	43	2401	0.474	ug/l	99
25) 2-Butanone	4.550	43	1216	1.058	ug/l #	50
29) Tetrahydrofuran	5.001	42	377	0.545	ug/l #	83
31) Cyclohexane	5.458	56	606	0.216	ug/l #	85
36) 1,1-Dichloropropene	5.672	75	598	0.228	ug/l #	68
38) Carbon Tetrachloride	5.532	117	13807	4.838	ug/l #	19
39) Methylcyclohexane	7.373	83	1606	0.539	ug/l	91
44) Trichloroethene	7.104	130	433	0.224	ug/l	66
49) 1,4-Dioxane	7.665	88	148	6.374	ug/l #	12
51) 4-Methyl-2-Pentanone	8.561	43	1231	0.481	ug/l #	74
53) t-1,3-Dichloropropene	8.970	75	696	0.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	350	8.140	ug/l #	63
59) 2-Hexanone	9.421	43	1156	0.629	ug/l	98
64) Tetrachloroethene	9.256	164	621	0.365	ug/l #	80
67) Ethyl Benzene	10.177	91	2111	0.206	ug/l #	83
68) m/p-Xylenes	10.287	106	1795	0.472	ug/l	99
70) Styrene	10.646	104	1430	0.222	ug/l #	87
71) Bromoform	10.781	173	358	0.234	ug/l #	28
73) Isopropylbenzene	10.945	105	2672	0.273	ug/l	93
76) 1,2,3-Trichloropropane	11.061	75	72436	27.769	ug/l #	40
77) Bromobenzene	11.183	156	491	0.204	ug/l	82
78) n-propylbenzene	11.287	91	4780	0.413	ug/l	99

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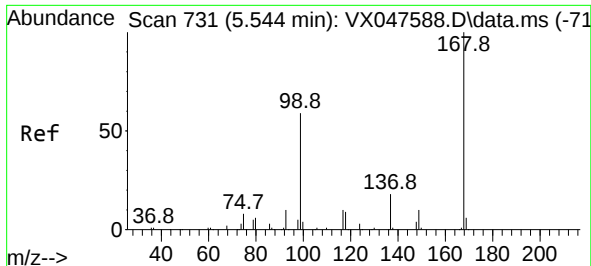
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	11.348	91	1994	0.281	ug/l	95
80) 1,3,5-Trimethylbenzene	11.433	105	2902	0.361	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.061	75	72436	70.816	ug/l #	8
82) 4-Chlorotoluene	11.439	91	3048	0.364	ug/l	99
83) tert-Butylbenzene	11.695	119	2981	0.362	ug/l	83
84) 1,2,4-Trimethylbenzene	11.738	105	2855	0.350	ug/l	92
85) sec-Butylbenzene	11.872	105	6435	0.658	ug/l	99
86) p-Isopropyltoluene	11.994	119	5834	0.704	ug/l	93
87) 1,3-Dichlorobenzene	11.951	146	2304	0.514	ug/l	94
88) 1,4-Dichlorobenzene	11.951	146	2304	0.501	ug/l	95
89) n-Butylbenzene	12.311	91	8104	1.057	ug/l	97
90) Hexachloroethane	12.524	117	766	0.527	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	1517	0.355	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.920	75	206	0.343	ug/l	77
93) 1,2,4-Trichlorobenzene	13.573	180	3542	1.277	ug/l	96
94) Hexachlorobutadiene	13.707	225	3447	3.658	ug/l	98
95) Naphthalene	13.756	128	8007	0.948	ug/l	95
96) 1,2,3-Trichlorobenzene	13.945	180	3452	1.338	ug/l	97

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

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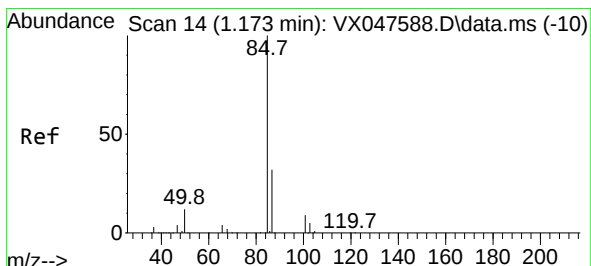
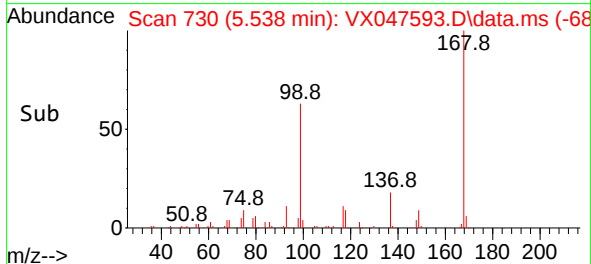
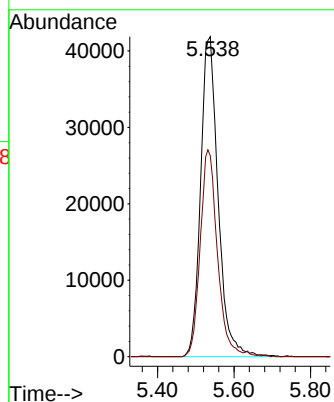
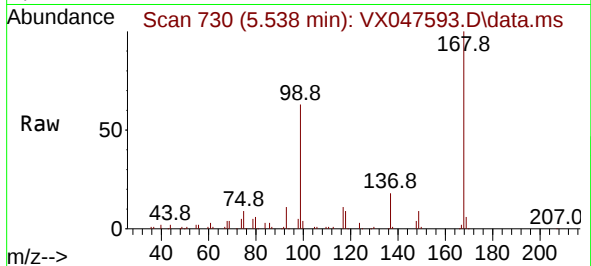




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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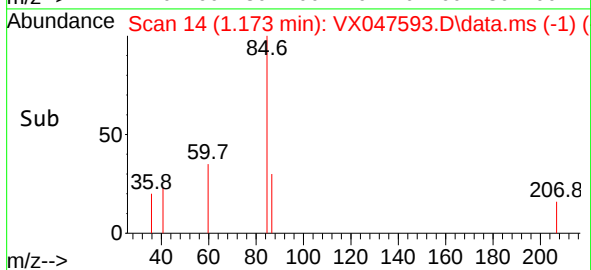
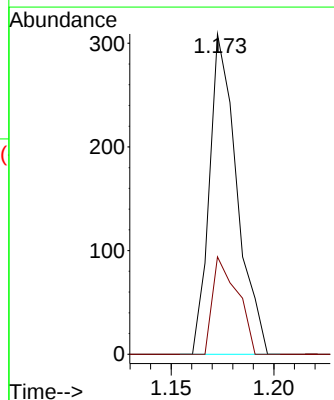
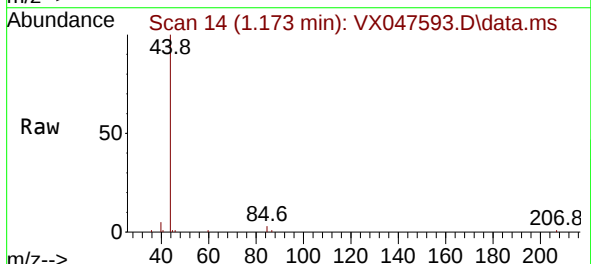
Instrument :
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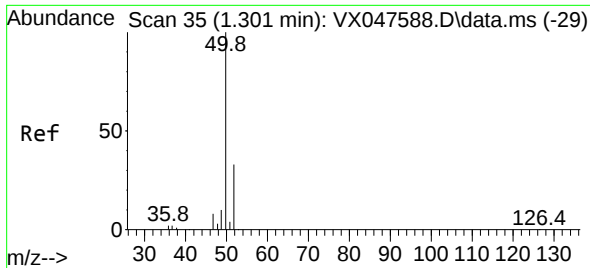
Tgt Ion:168 Resp: 133117
Ion Ratio Lower Upper
168 100
99 62.8 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.209 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 85 Resp: 288
Ion Ratio Lower Upper
85 100
87 30.4 15.8 47.3

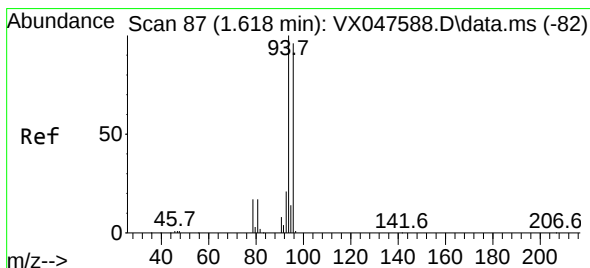
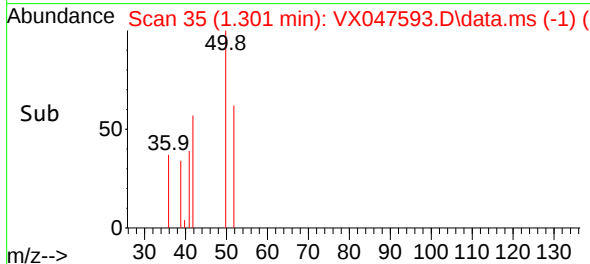
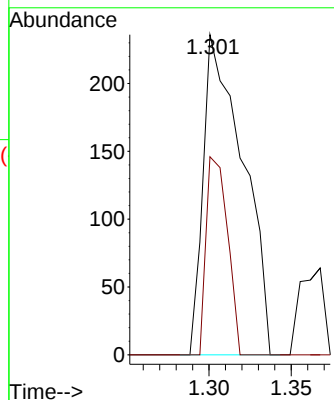
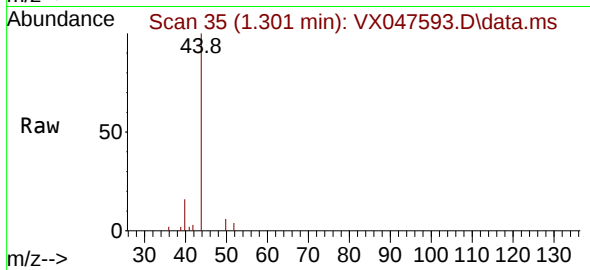




#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

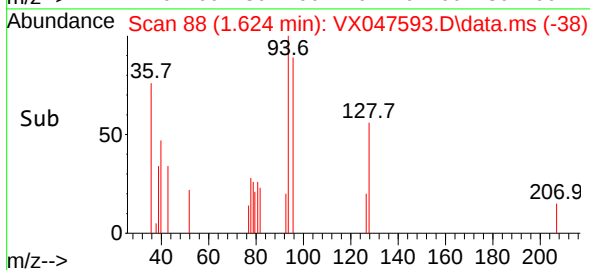
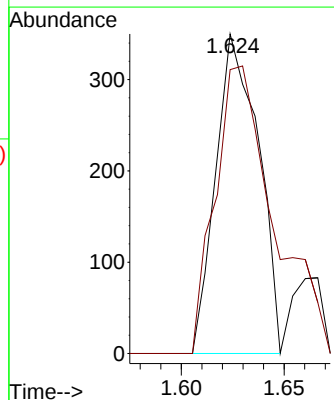
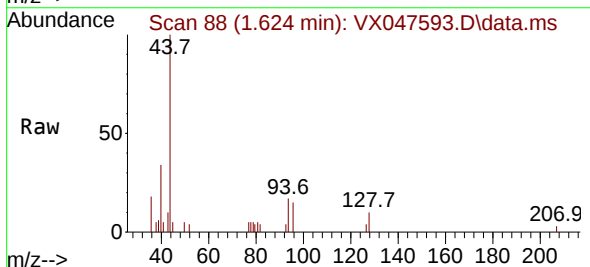
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ClientSampleId :
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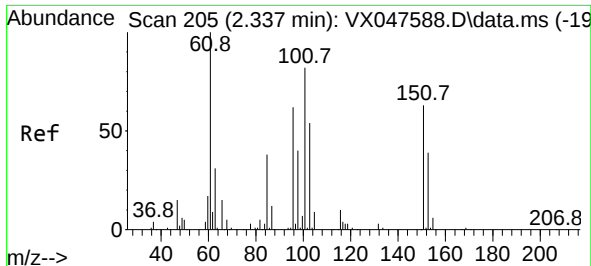
Tgt Ion: 50 Resp: 395
Ion Ratio Lower Upper
50 100
52 61.9 26.1 39.1#



#5
Bromomethane
Concen: 0.448 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 94 Resp: 504
Ion Ratio Lower Upper
94 100
96 88.9 76.6 115.0

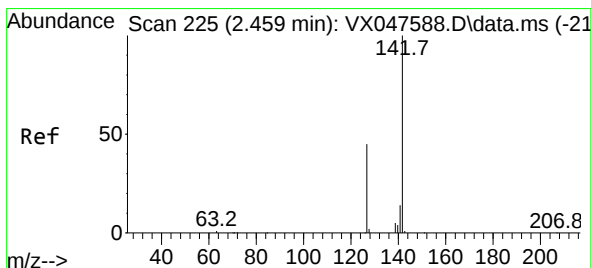
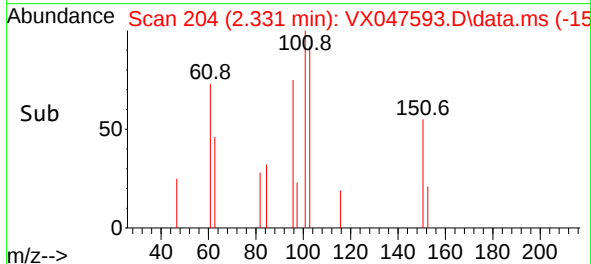
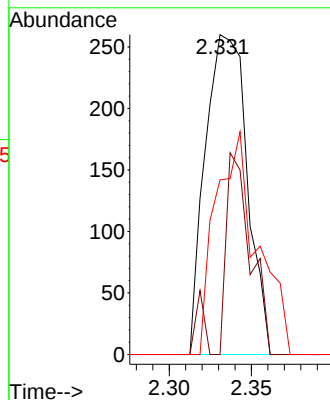
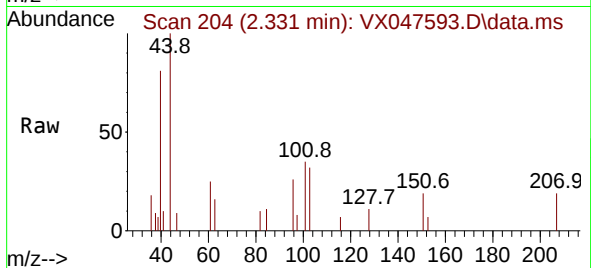




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.299 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

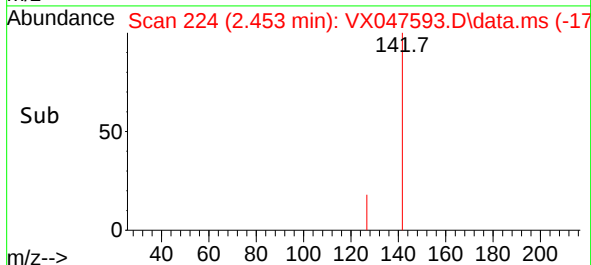
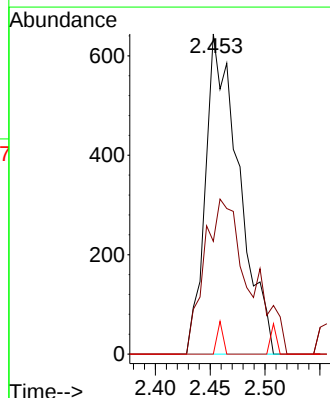
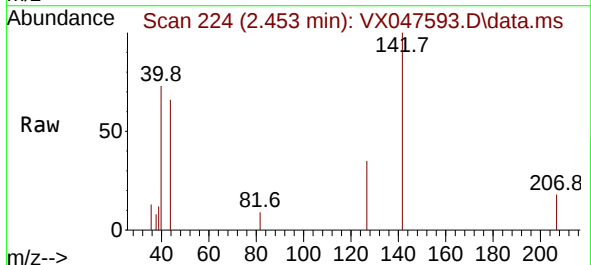
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

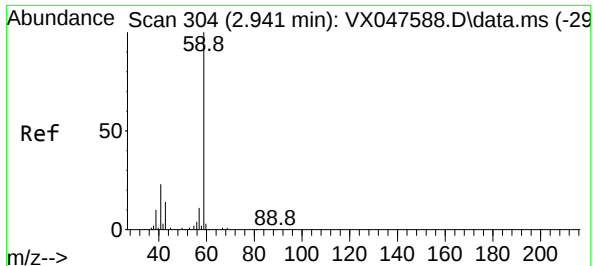
Tgt Ion:101 Resp: 460
Ion Ratio Lower Upper
101 100
85 40.4 35.5 53.3
151 68.9 59.4 89.0



#10
Methyl Iodide
Concen: 0.572 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion:142 Resp: 1374
Ion Ratio Lower Upper
142 100
127 64.7 37.2 55.8#
141 1.7 11.4 17.0#

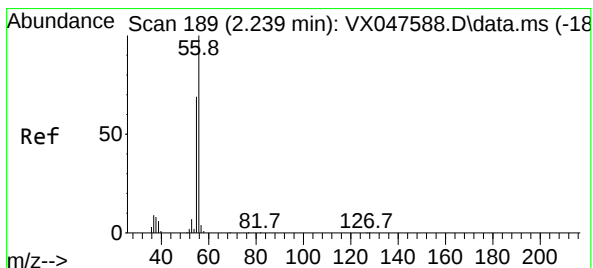
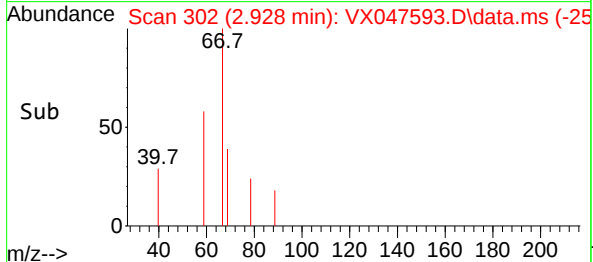
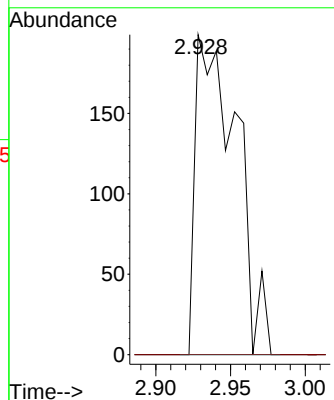
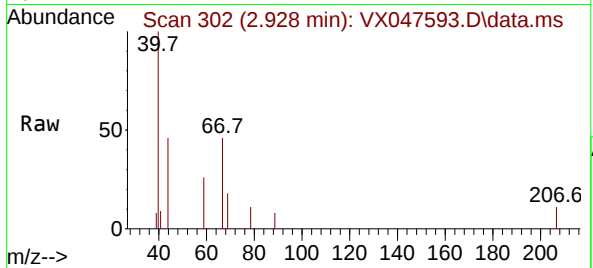




#11
Tert butyl alcohol
Concen: 1.606 ug/l
RT: 2.928 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

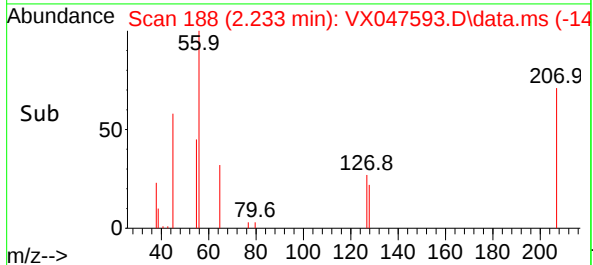
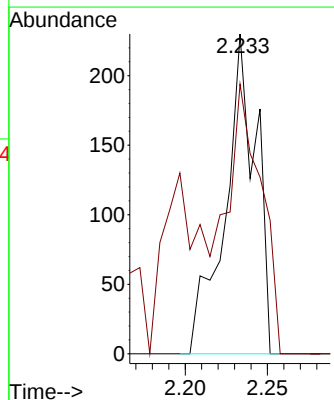
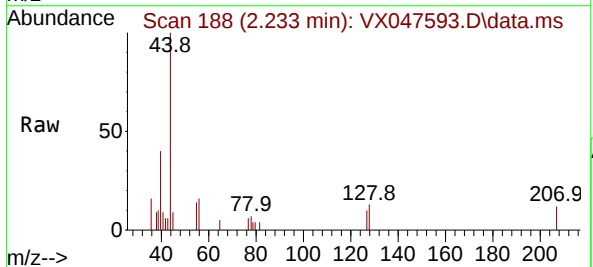
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ClientSampleId :
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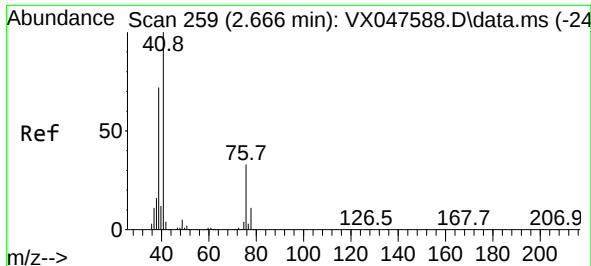
Tgt Ion: 59 Resp: 379
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 1.393 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 56 Resp: 303
Ion Ratio Lower Upper
56 100
55 92.1 57.2 85.8#

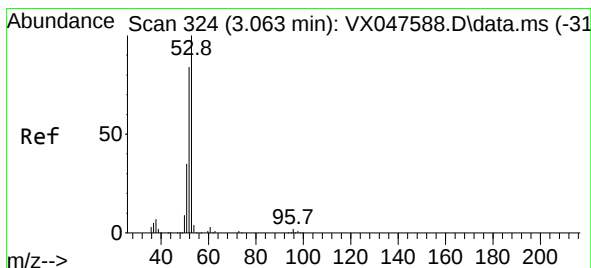
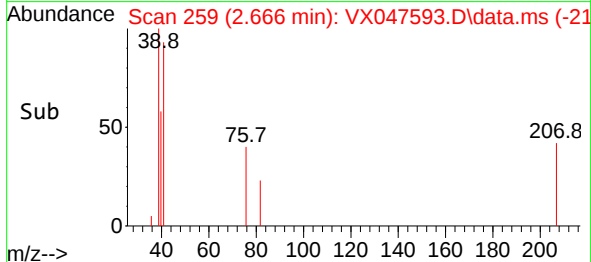
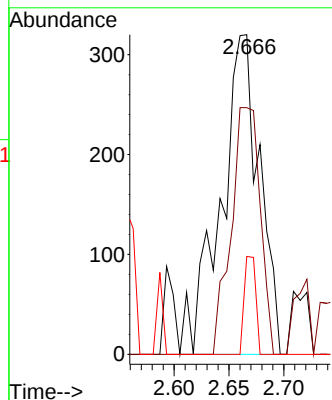
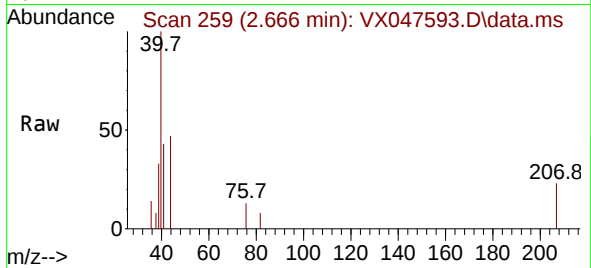




#14
 Allyl chloride
 Concen: 0.242 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX047593.D
 Acq: 16 Sep 2025 14:03

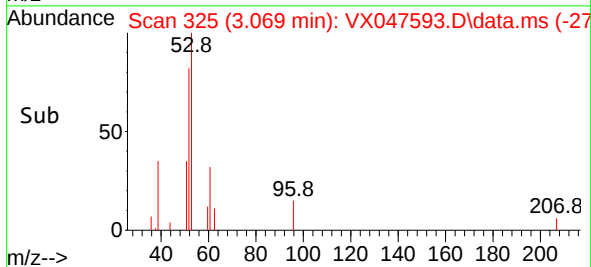
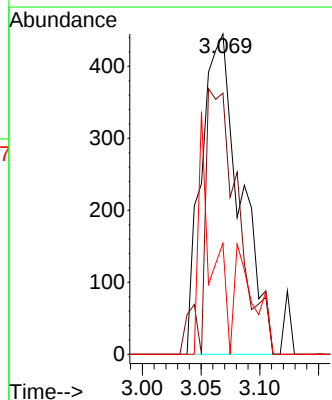
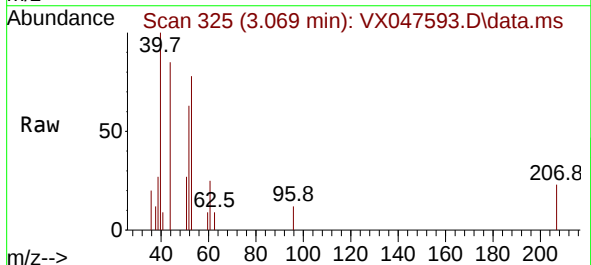
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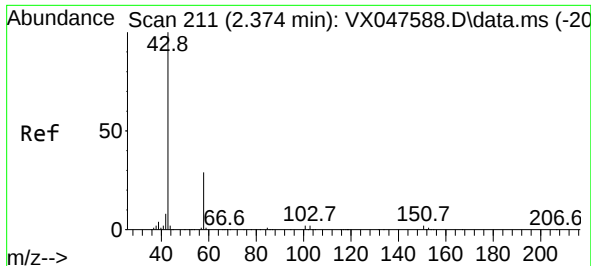
Tgt Ion: 41 Resp: 790
 Ion Ratio Lower Upper
 41 100
 39 57.7 54.7 82.1
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 1.175 ug/l
 RT: 3.069 min Scan# 325
 Delta R.T. 0.006 min
 Lab File: VX047593.D
 Acq: 16 Sep 2025 14:03

Tgt Ion: 53 Resp: 1027
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.4 99.6#
 51 17.2 29.5 44.3#

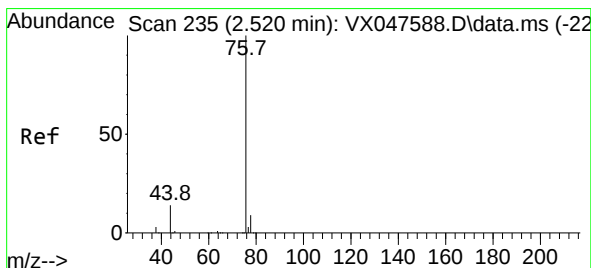
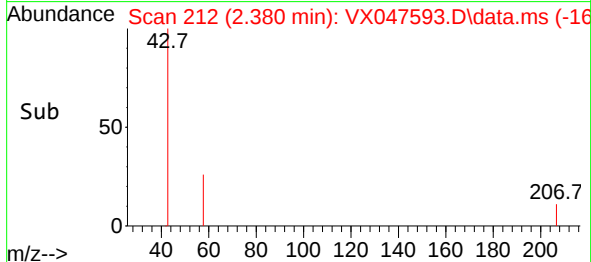
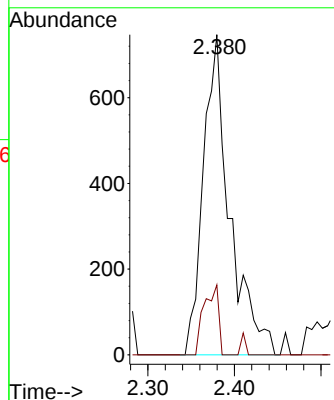
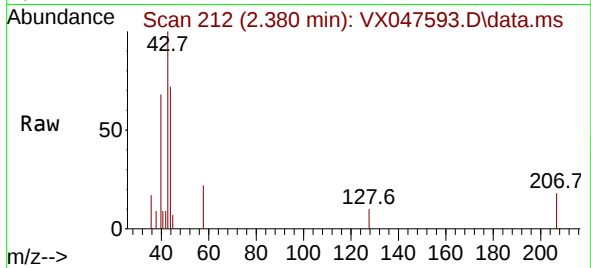




#16
Acetone
Concen: 1.718 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

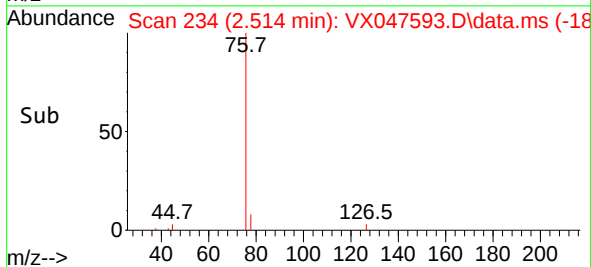
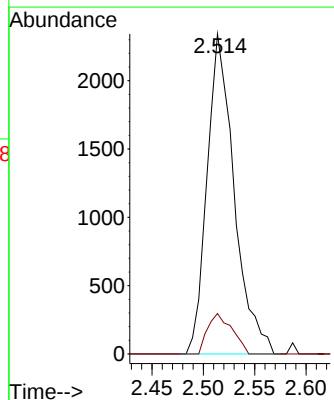
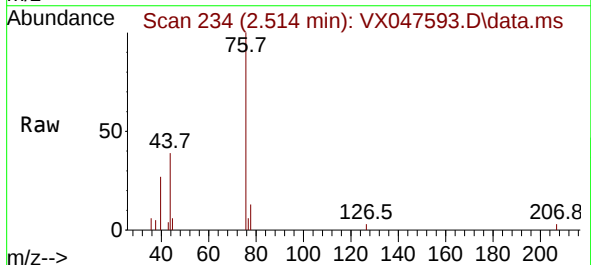
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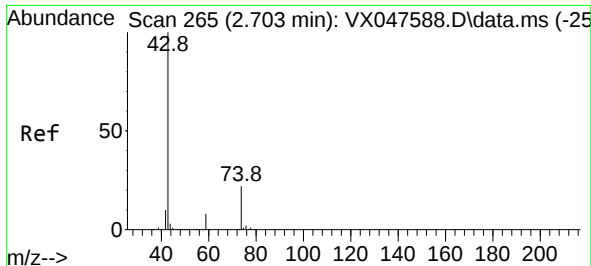
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Ion Ratio Lower Upper
43 100
58 50.9 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.994 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 76 Resp: 4302
Ion Ratio Lower Upper
76 100
78 12.6 6.8 10.2#

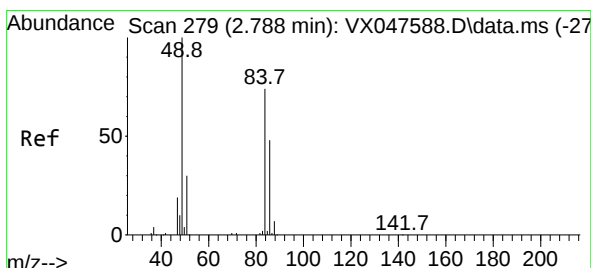
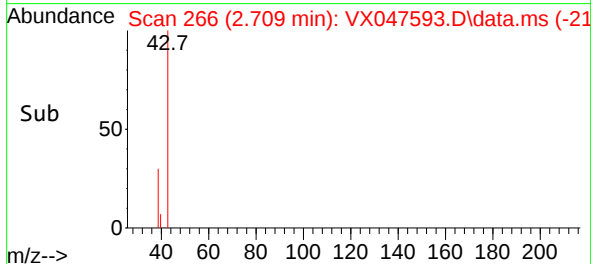
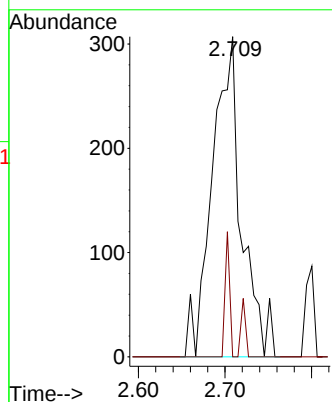
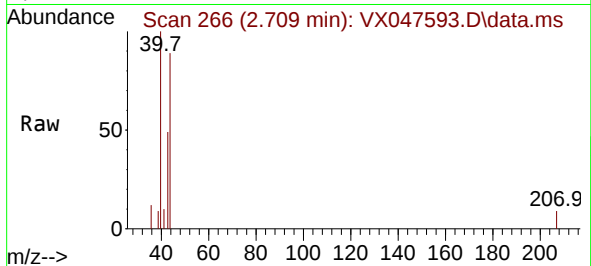




#18
Methyl Acetate
Concen: 0.350 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

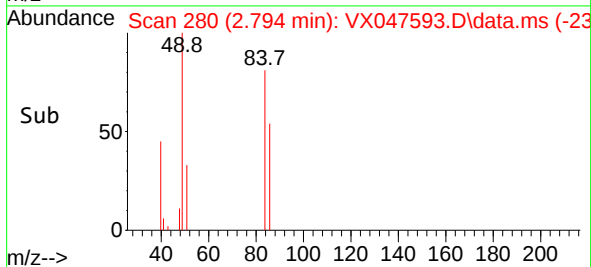
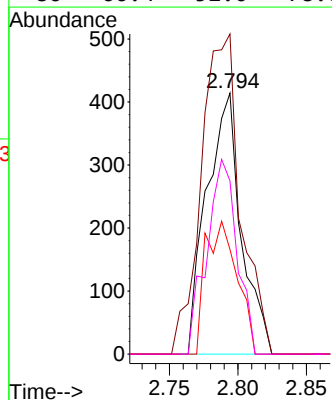
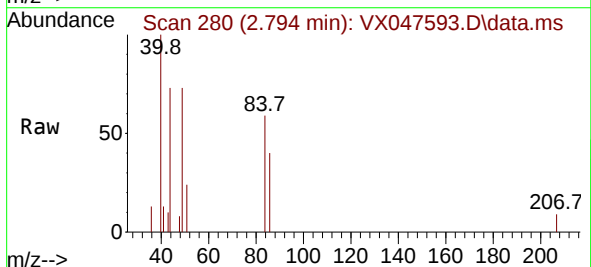
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

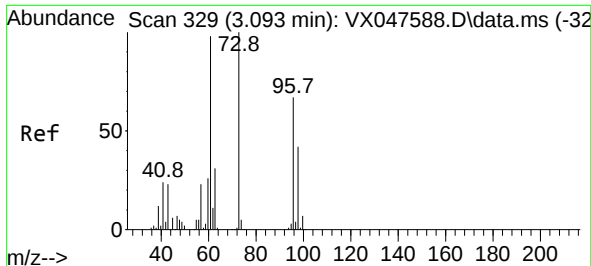
Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
74 6.1 17.4 26.2#



#20
Methylene Chloride
Concen: 0.372 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 84 Resp: 725
Ion Ratio Lower Upper
84 100
49 122.7 108.6 162.8
51 40.1 32.6 48.8
86 66.4 52.0 78.0

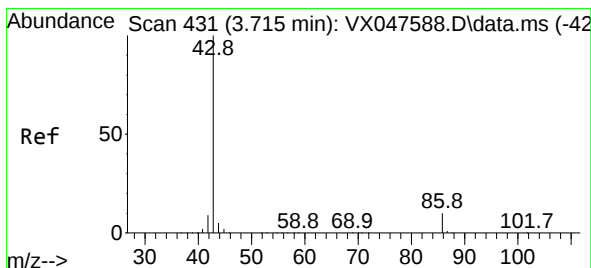
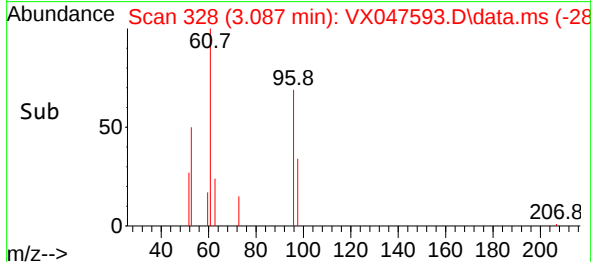
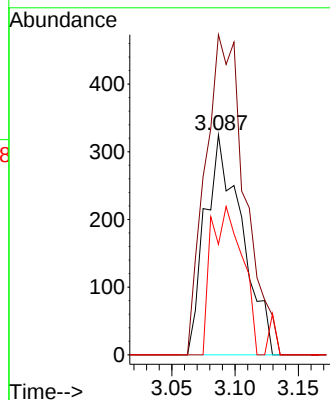
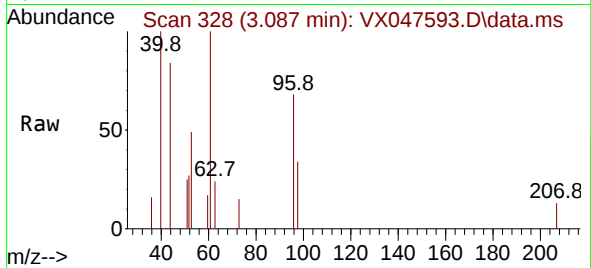




#21
trans-1,2-Dichloroethene
Concen: 0.384 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

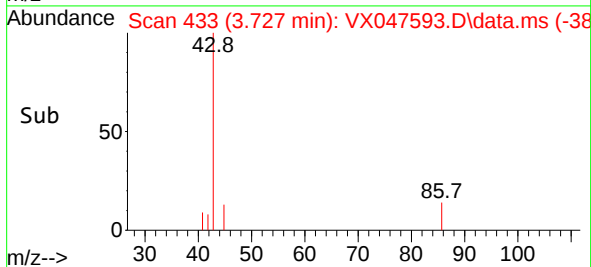
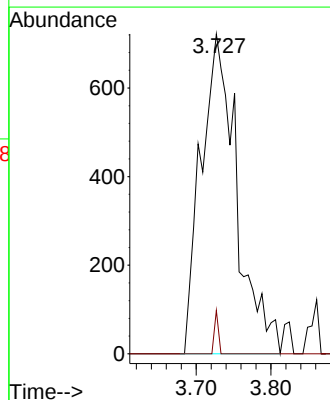
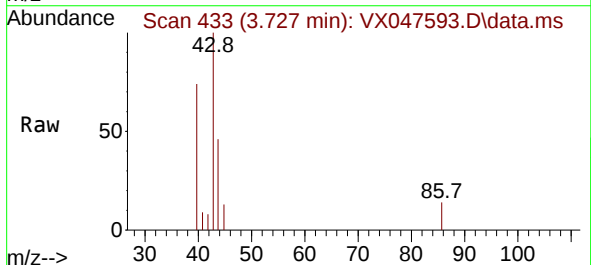
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

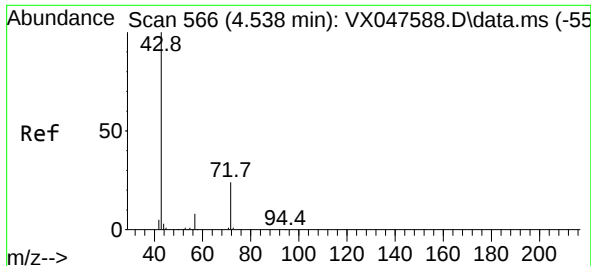
Tgt Ion: 96 Resp: 654
Ion Ratio Lower Upper
96 100
61 145.5 116.2 174.2
98 50.2 49.3 73.9



#23
Vinyl Acetate
Concen: 0.474 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.012 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 43 Resp: 2401
Ion Ratio Lower Upper
43 100
86 9.3 7.8 11.8

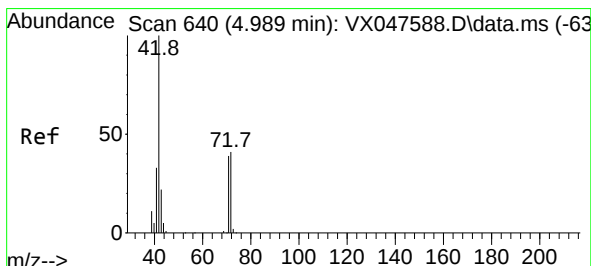
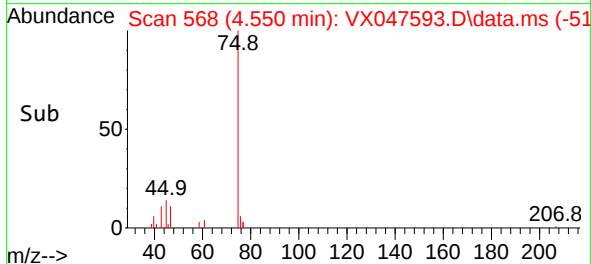
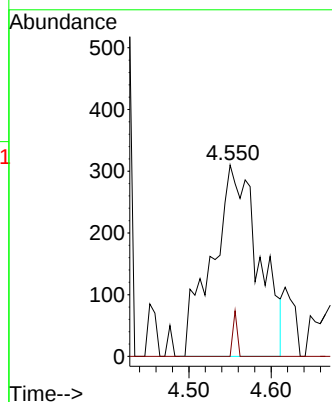
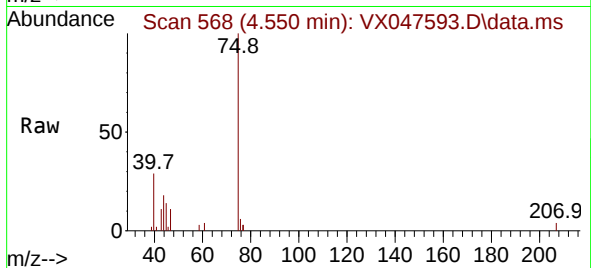




#25
2-Butanone
Concen: 1.058 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

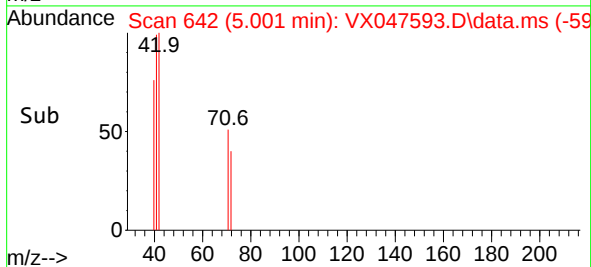
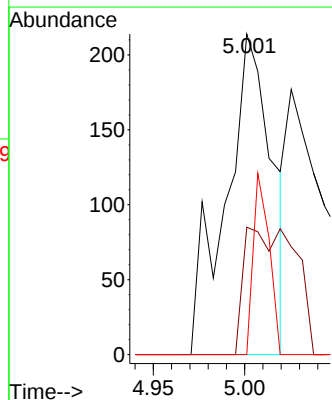
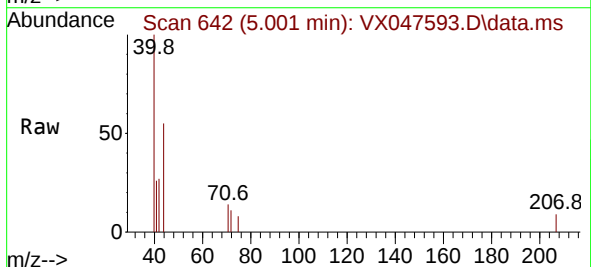
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

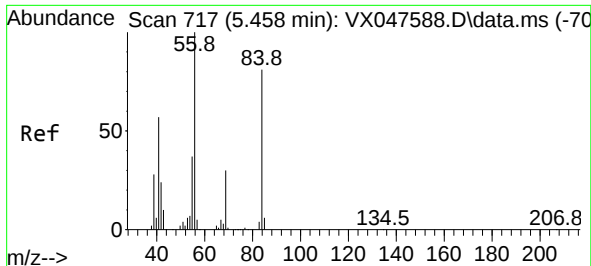
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
72 0.0 20.1 30.1#



#29
Tetrahydrofuran
Concen: 0.545 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.012 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 42 Resp: 377
Ion Ratio Lower Upper
42 100
72 44.0 34.2 51.2
71 19.4 31.9 47.9#

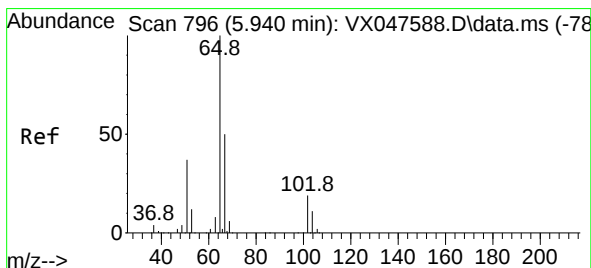
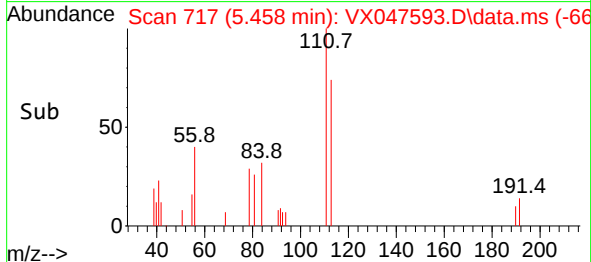
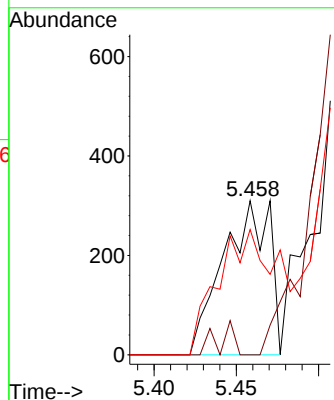
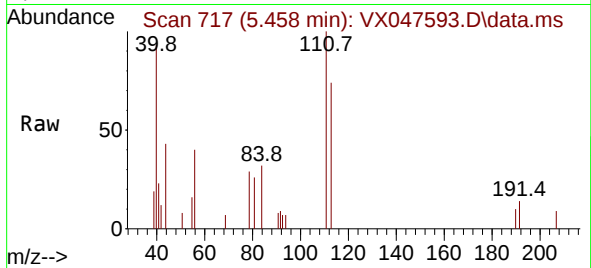




#31
Cyclohexane
Concen: 0.216 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

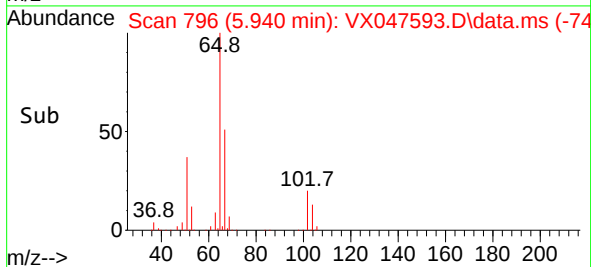
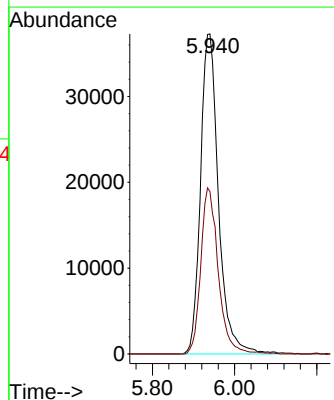
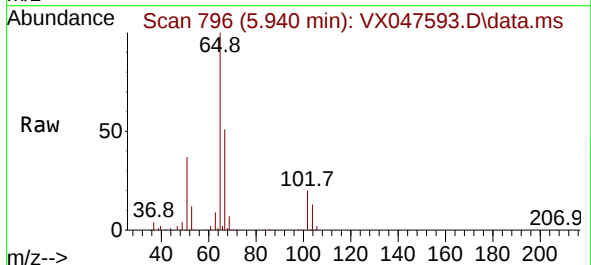
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

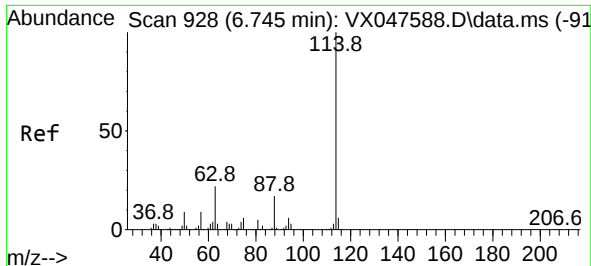
Tgt Ion: 56 Resp: 606
Ion Ratio Lower Upper
56 100
69 0.0 23.8 35.8#
84 81.3 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 53.338 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 65 Resp: 113017
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0

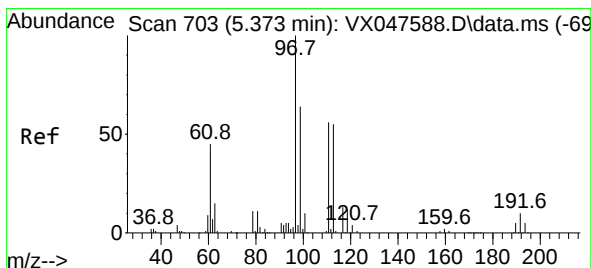
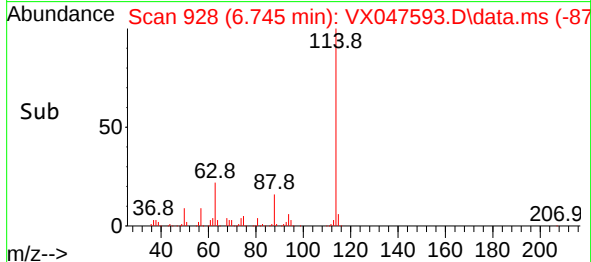
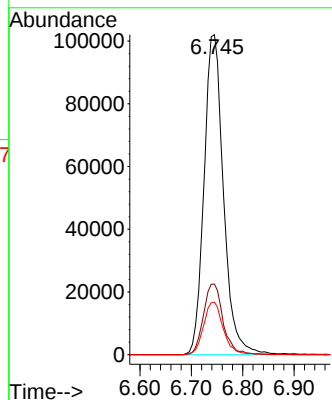
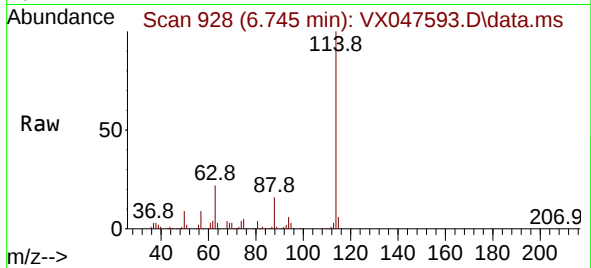




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

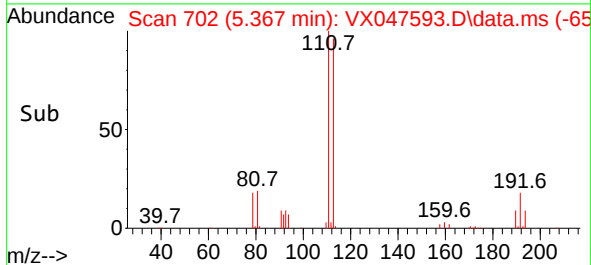
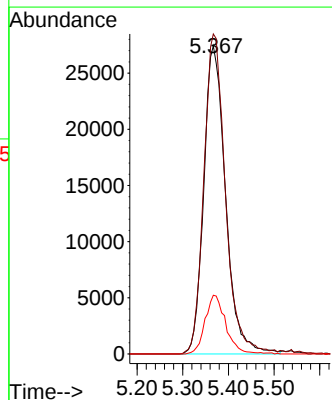
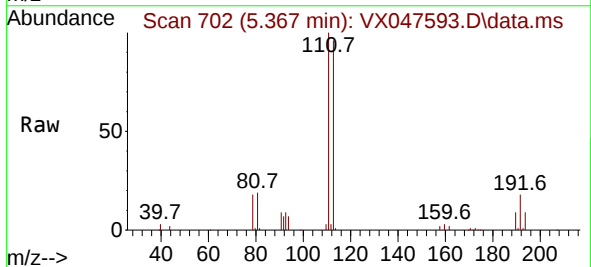
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

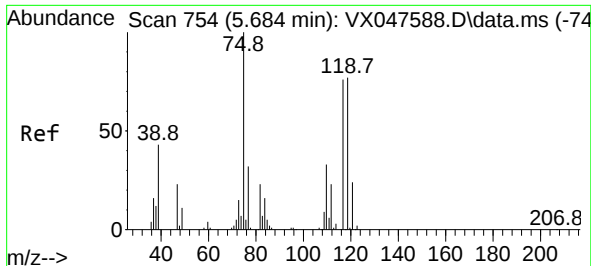
Tgt Ion:114 Resp: 268042
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.633 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion:113 Resp: 91020
Ion Ratio Lower Upper
113 100
111 102.7 80.9 121.3
192 18.2 14.2 21.4





#36

1,1-Dichloropropene

Concen: 0.228 ug/l

RT: 5.672 min Scan# 71

Delta R.T. -0.012 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01

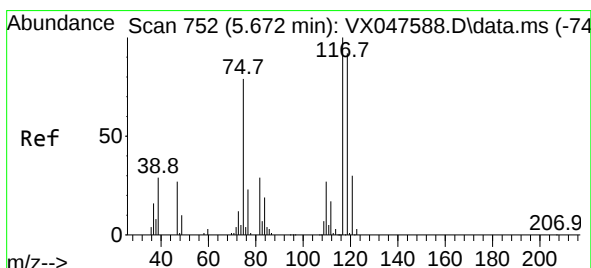
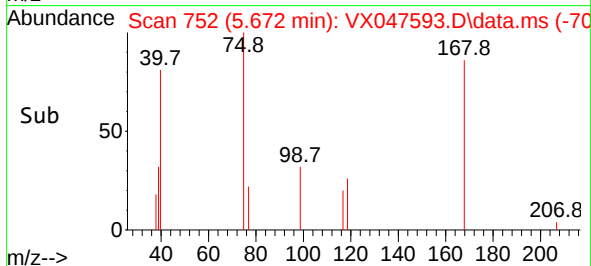
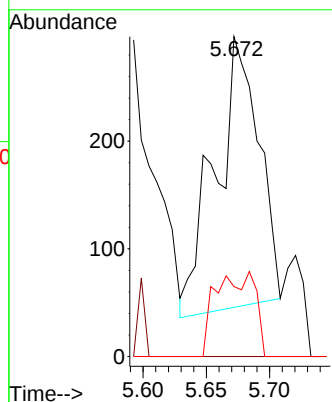
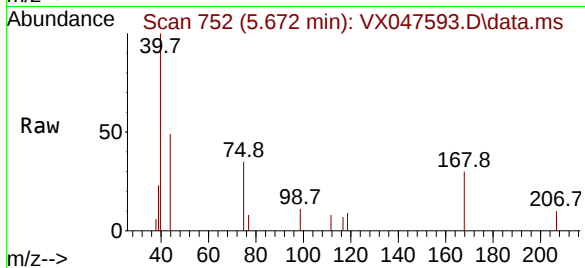
Tgt Ion: 75 Resp: 598

Ion Ratio Lower Upper

75 100

110 0.0 16.7 50.1#

77 28.4 24.3 36.5



#38

Carbon Tetrachloride

Concen: 4.838 ug/l

RT: 5.532 min Scan# 729

Delta R.T. -0.140 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

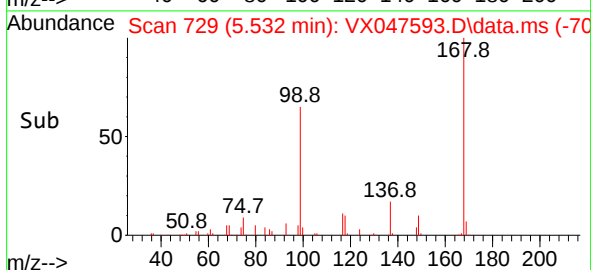
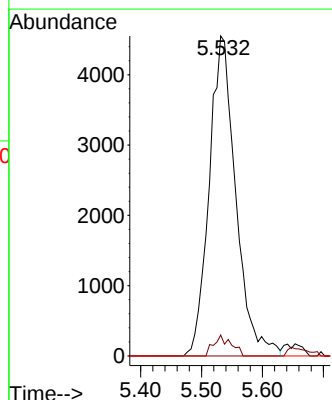
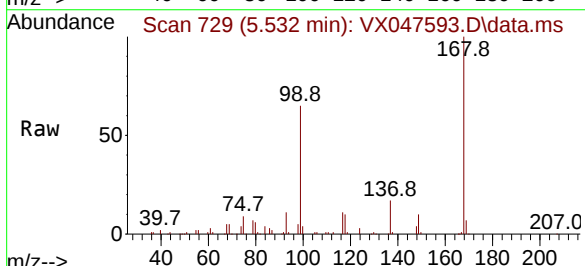
Tgt Ion: 117 Resp: 13807

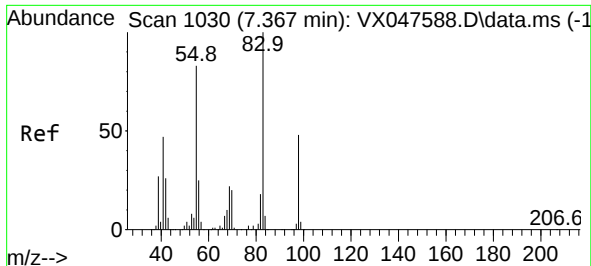
Ion Ratio Lower Upper

117 100

119 6.5 73.4 110.2#

121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 0.539 ug/l

RT: 7.373 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01

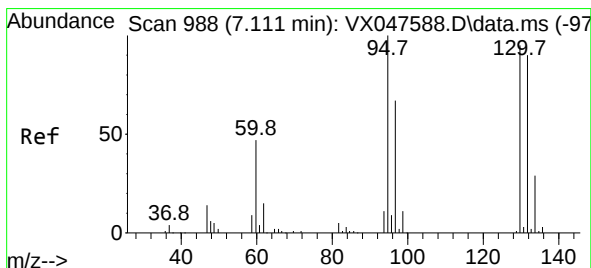
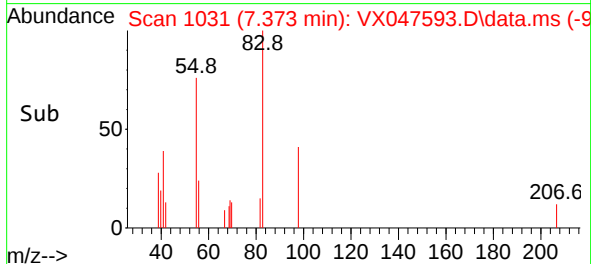
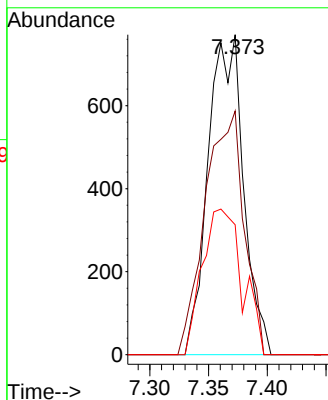
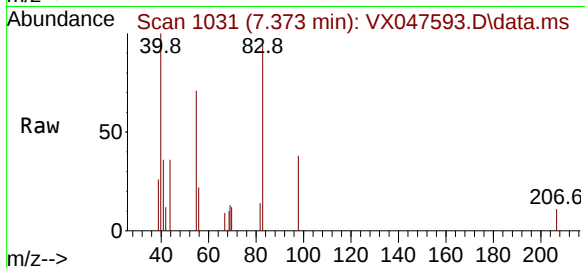
Tgt Ion: 83 Resp: 1606

Ion Ratio Lower Upper

83 100

55 76.1 66.4 99.6

98 40.6 38.1 57.1



#44

Trichloroethene

Concen: 0.224 ug/l

RT: 7.104 min Scan# 987

Delta R.T. -0.006 min

Lab File: VX047593.D

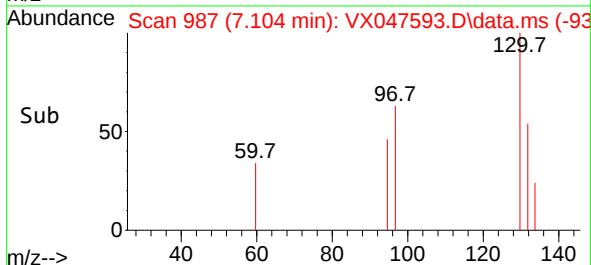
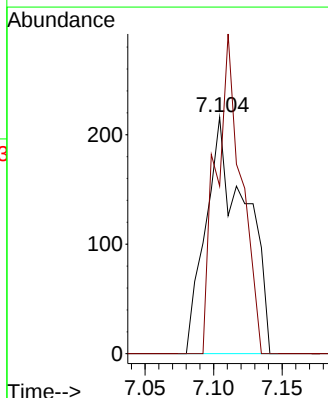
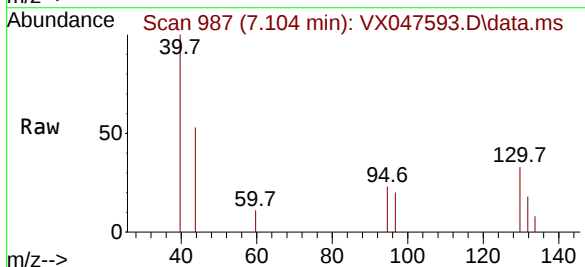
Acq: 16 Sep 2025 14:03

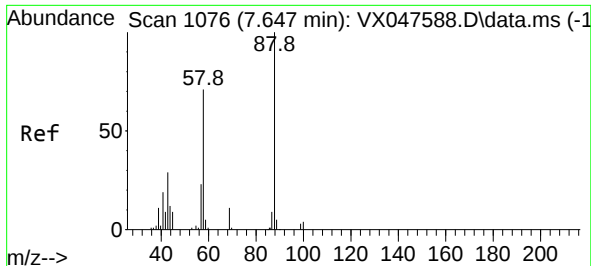
Tgt Ion:130 Resp: 433

Ion Ratio Lower Upper

130 100

95 70.8 0.0 210.8





#49

1,4-Dioxane

Concen: 6.374 ug/l

RT: 7.665 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01

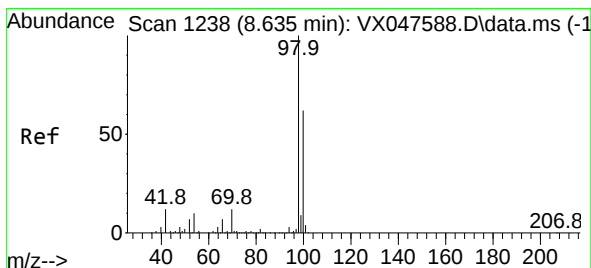
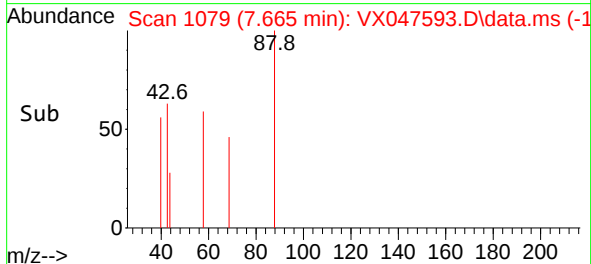
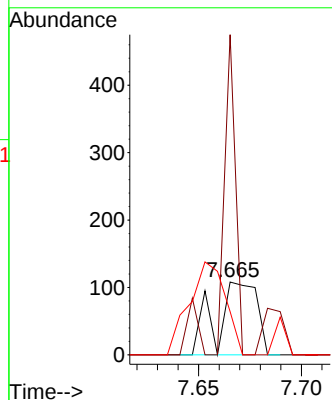
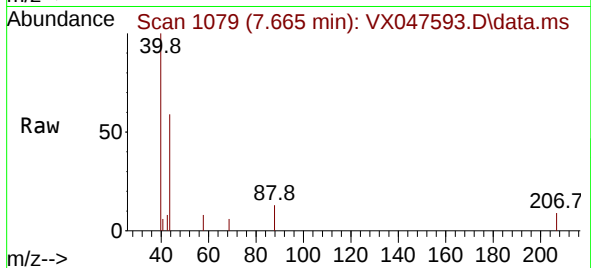
Tgt Ion: 88 Resp: 148

Ion Ratio Lower Upper

88 100

43 137.8 30.2 45.2#

58 114.9 59.5 89.3#



#50

Toluene-d8

Concen: 52.475 ug/l

RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX047593.D

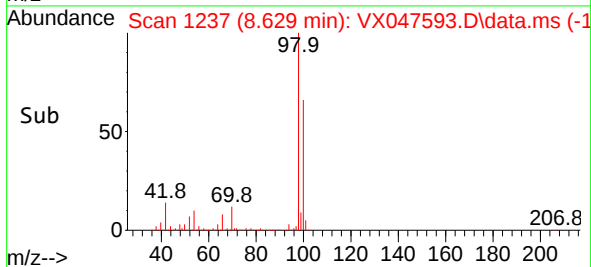
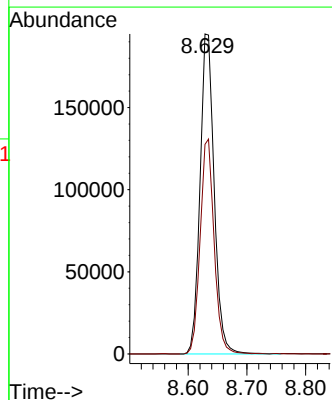
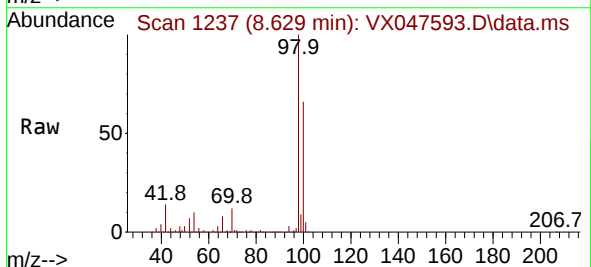
Acq: 16 Sep 2025 14:03

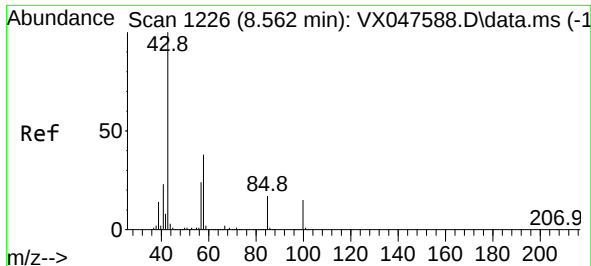
Tgt Ion: 98 Resp: 326402

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4

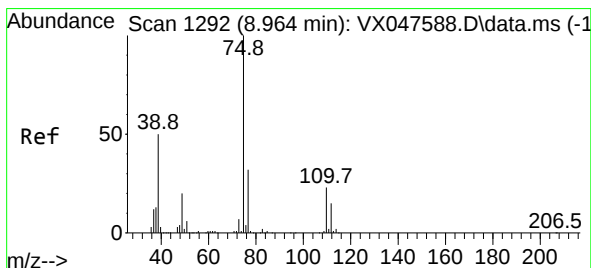
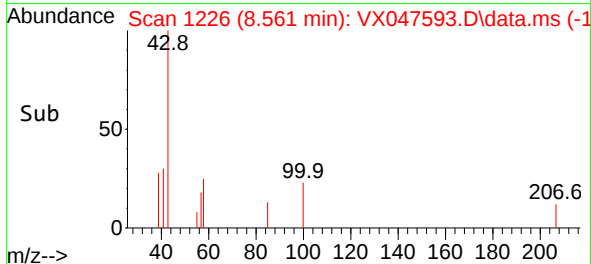
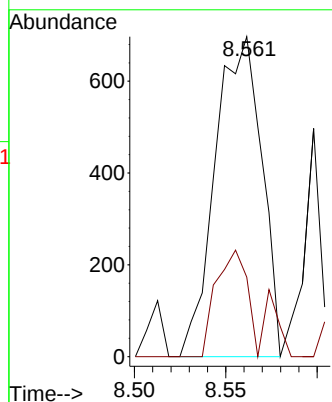
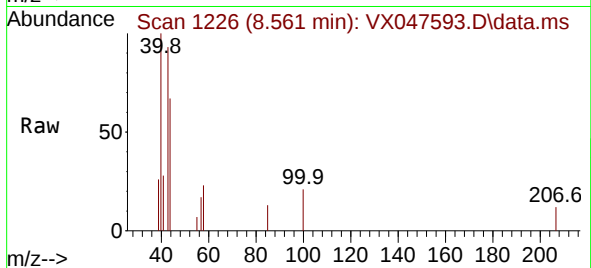




#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.561 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

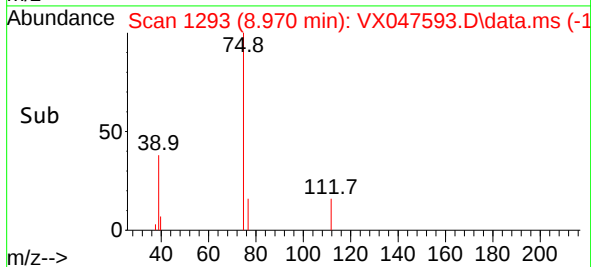
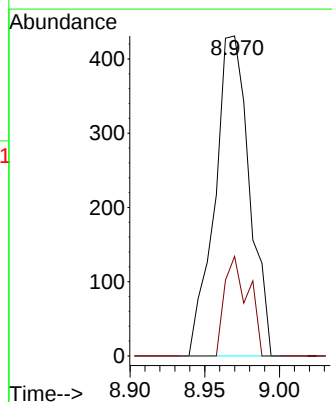
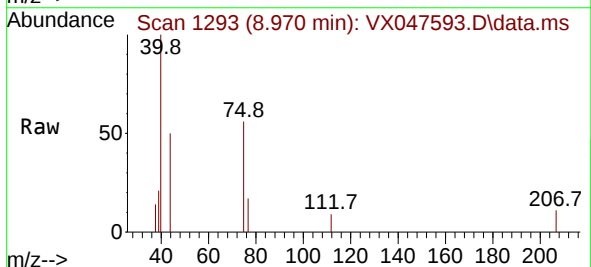
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

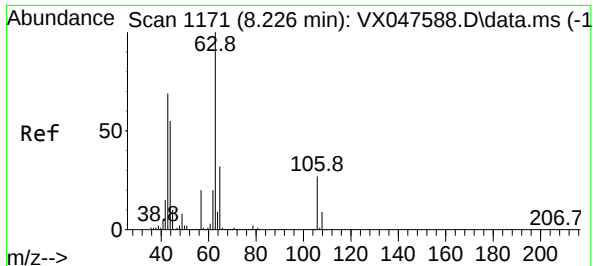
Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 22.3 30.3 45.5#



#53
t-1,3-Dichloropropene
Concen: 0.222 ug/l
RT: 8.970 min Scan# 1293
Delta R.T. 0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 75 Resp: 696
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

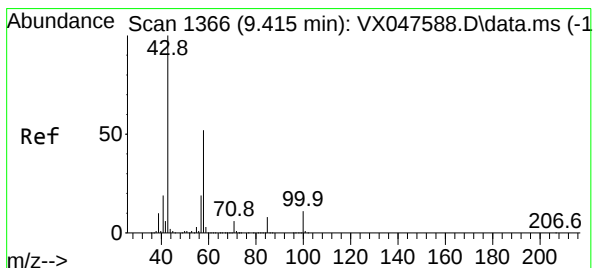
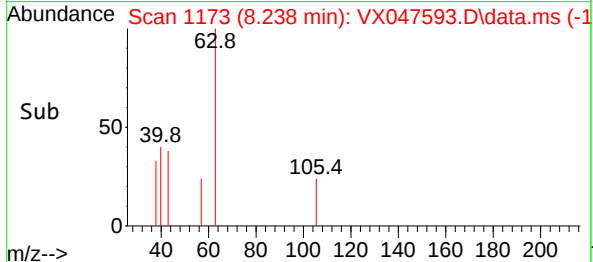
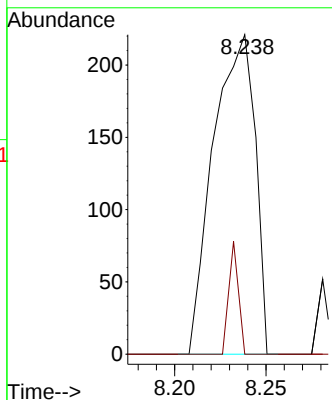
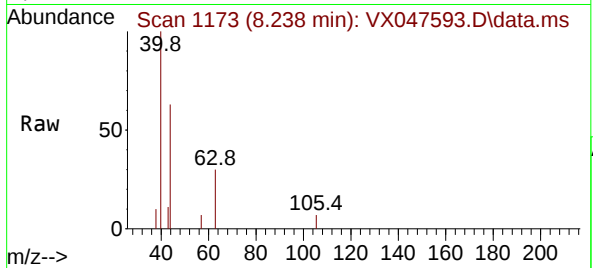




#58
2-Chloroethyl Vinyl ether
Concen: 8.140 ug/l
RT: 8.238 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

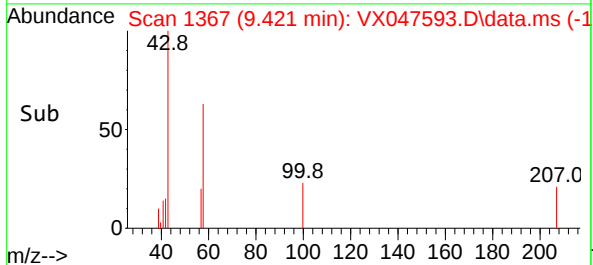
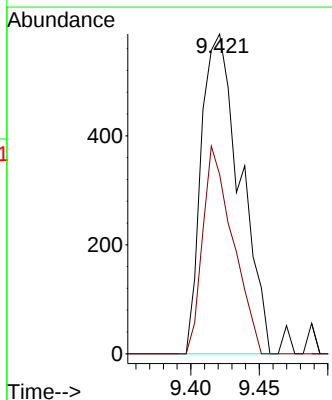
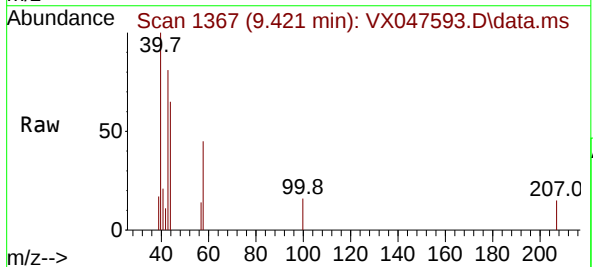
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

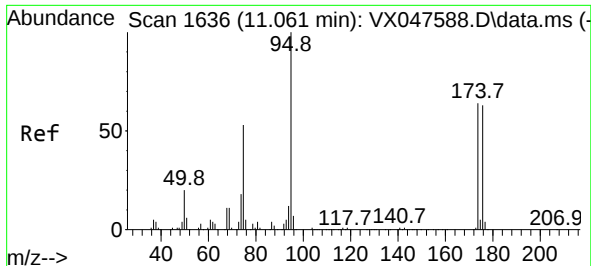
Tgt Ion: 63 Resp: 350
Ion Ratio Lower Upper
63 100
106 8.3 21.9 32.9#



#59
2-Hexanone
Concen: 0.629 ug/l
RT: 9.421 min Scan# 1367
Delta R.T. 0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 43 Resp: 1156
Ion Ratio Lower Upper
43 100
58 50.5 26.1 78.2

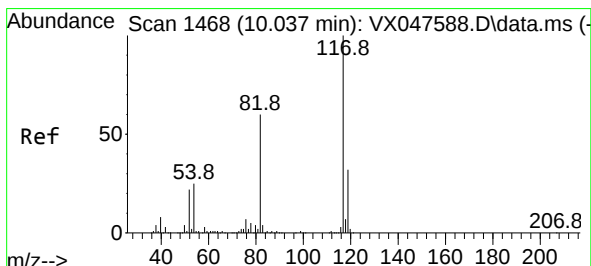
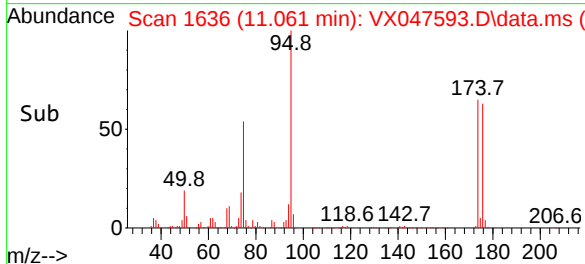
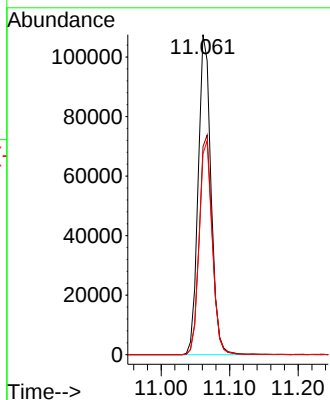
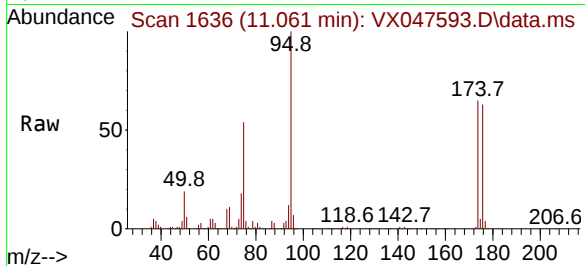




#62
4-Bromofluorobenzene
Concen: 59.279 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

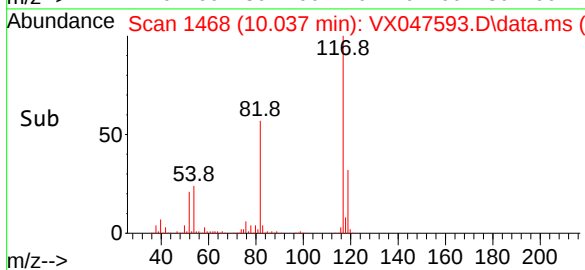
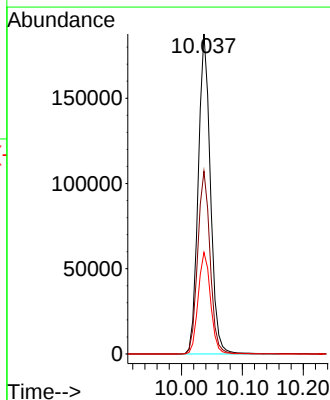
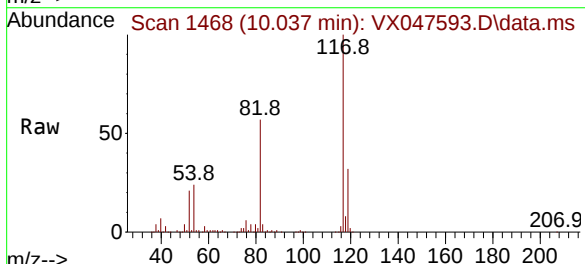
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

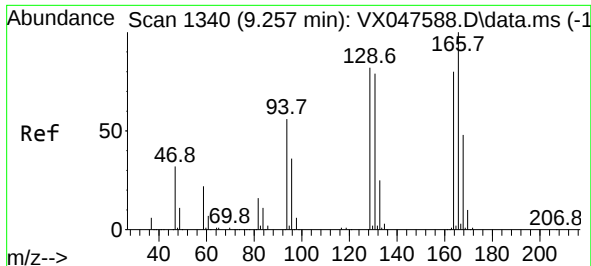
Tgt Ion: 95 Resp: 139939
Ion Ratio Lower Upper
95 100
174 70.0 0.0 141.6
176 68.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 117 Resp: 260832
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.6
119 31.7 25.2 37.8

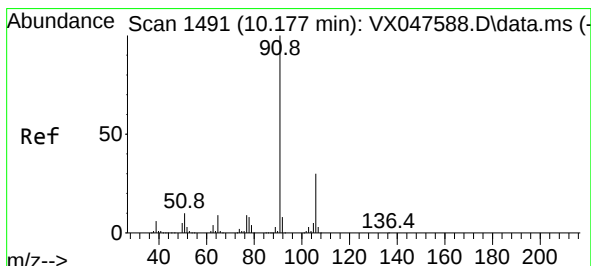
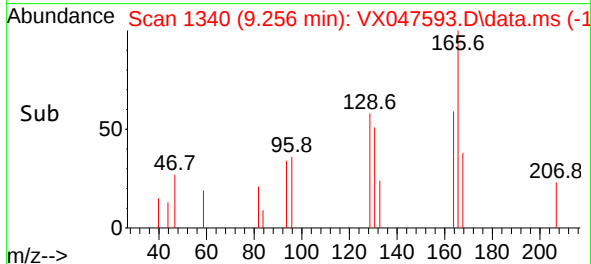
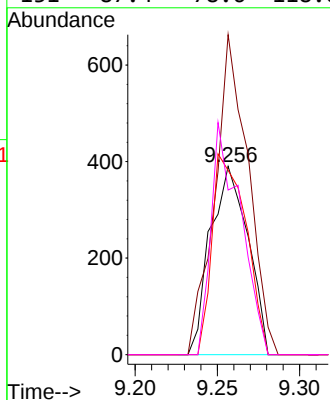
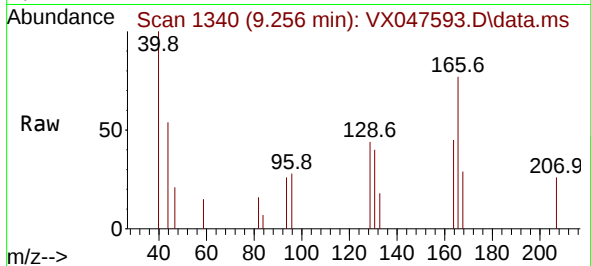




#64
Tetrachloroethene
Concen: 0.365 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

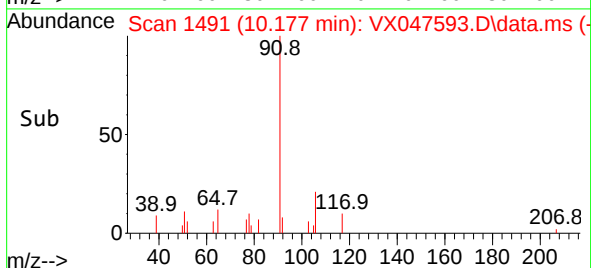
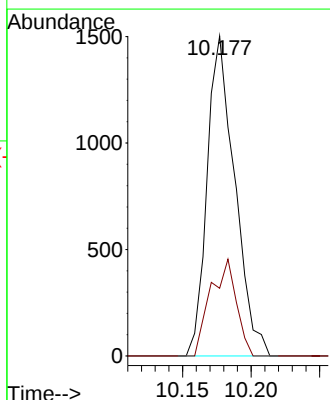
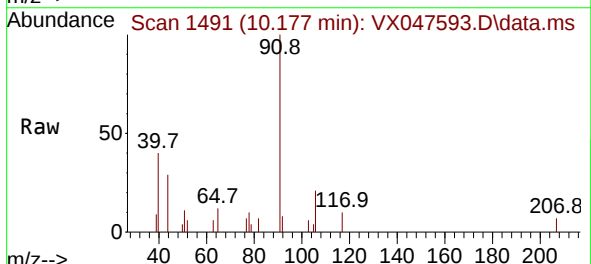
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

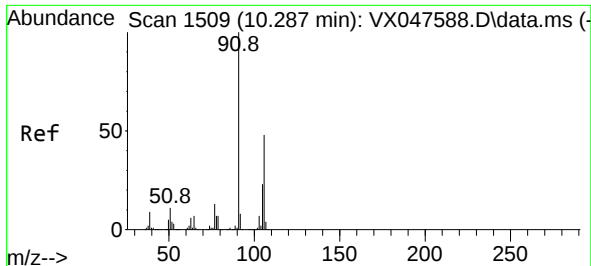
Tgt Ion:164 Resp: 621
Ion Ratio Lower Upper
164 100
166 170.0 100.2 150.2#
129 97.9 81.8 122.6
131 87.4 78.6 118.0



#67
Ethyl Benzene
Concen: 0.206 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 91 Resp: 2111
Ion Ratio Lower Upper
91 100
106 21.2 24.3 36.5#

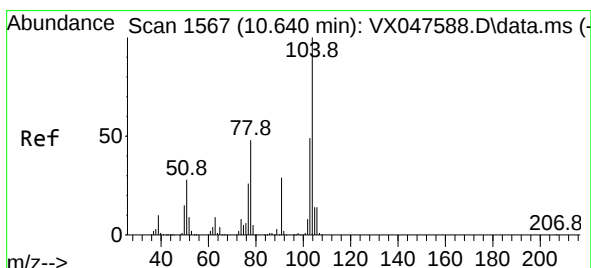
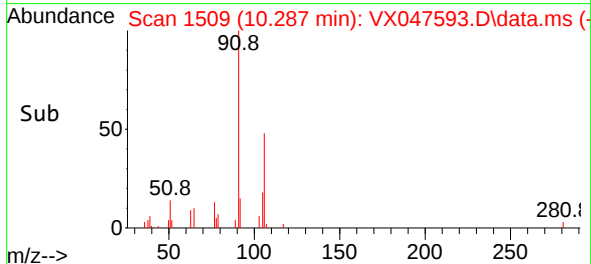
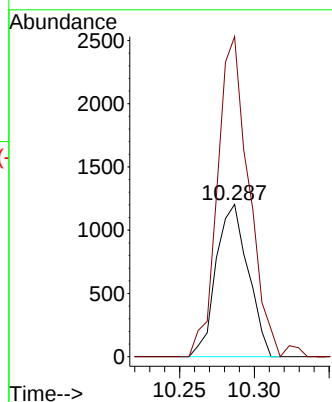
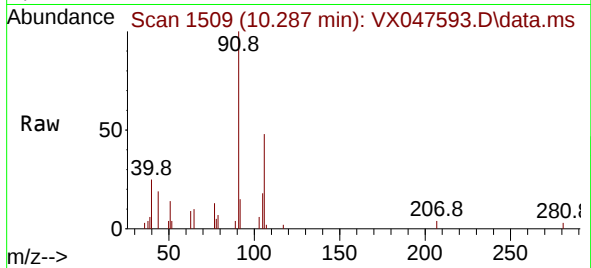




#68
m/p-Xylenes
Concen: 0.472 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

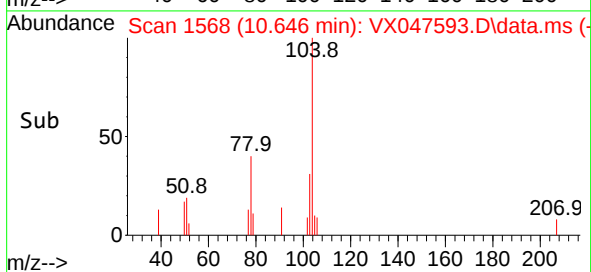
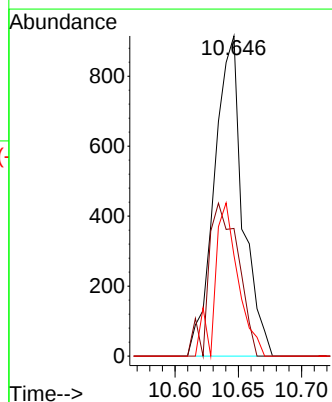
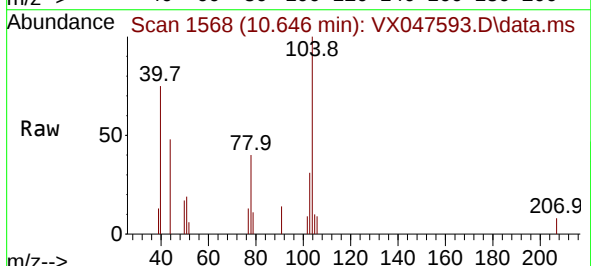
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

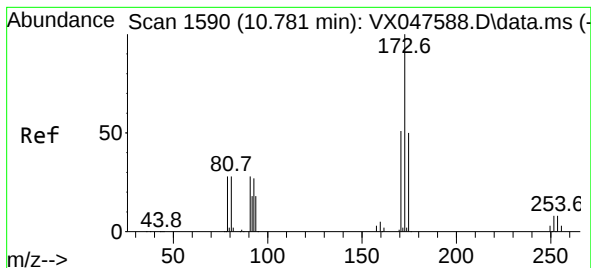
Tgt Ion:106 Resp: 1795
Ion Ratio Lower Upper
106 100
91 208.0 167.8 251.8



#70
Styrene
Concen: 0.222 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion:104 Resp: 1430
Ion Ratio Lower Upper
104 100
78 50.1 43.1 64.7
103 39.2 43.1 64.7#





#71

Bromoform

Concen: 0.234 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01

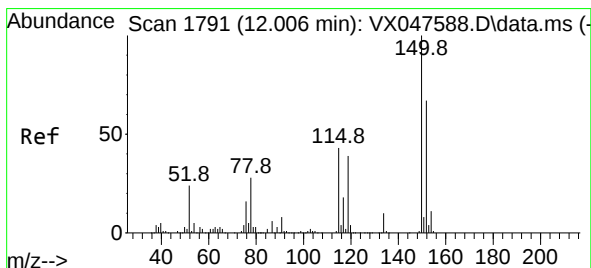
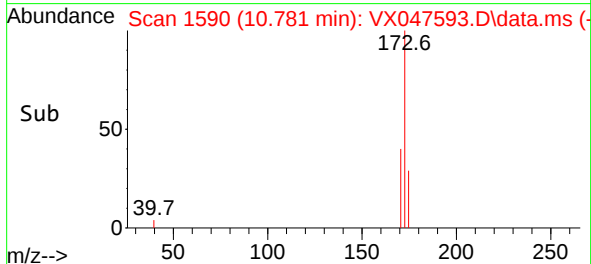
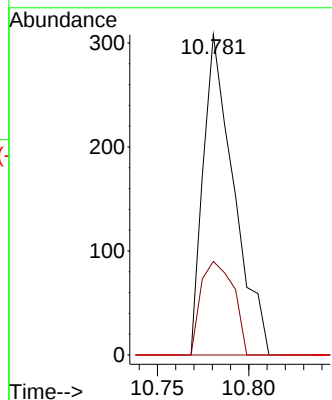
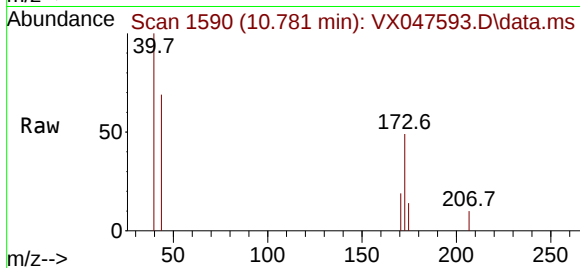
Tgt Ion:173 Resp: 358

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.6#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

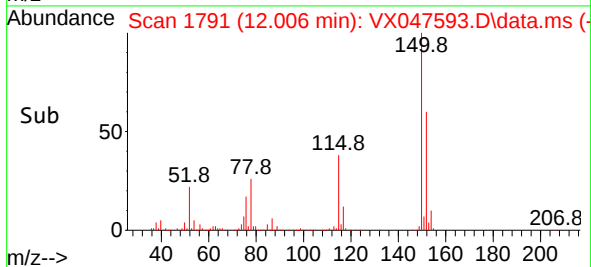
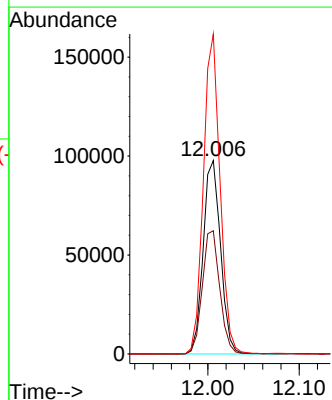
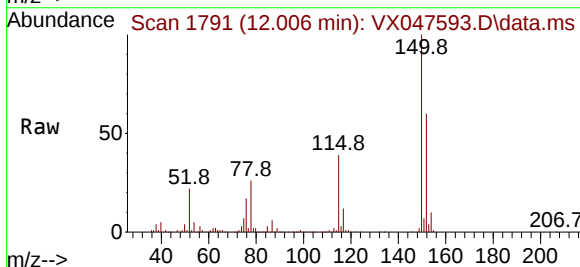
Tgt Ion:152 Resp: 128834

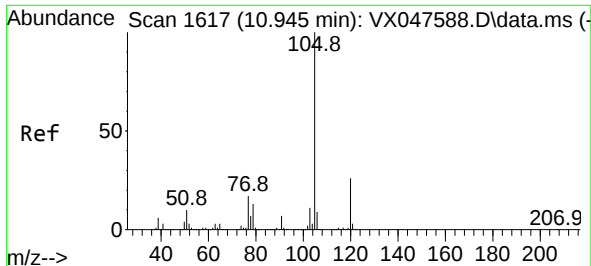
Ion Ratio Lower Upper

152 100

115 64.2 44.9 134.5

150 158.1 0.0 352.0

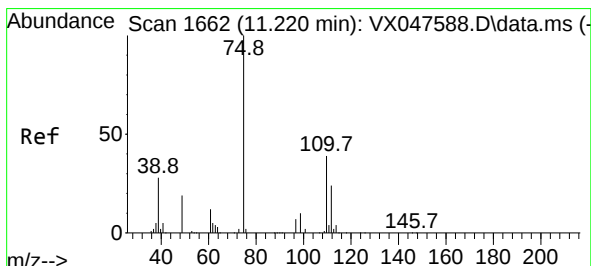
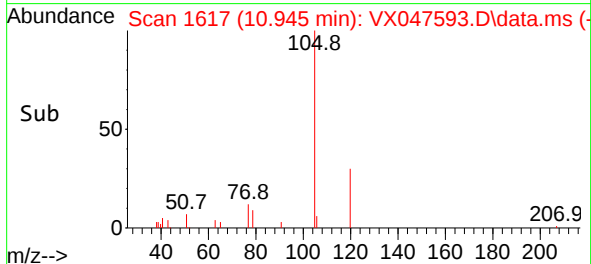
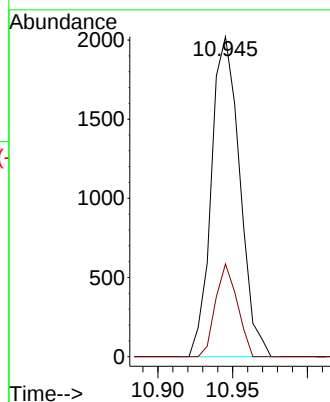
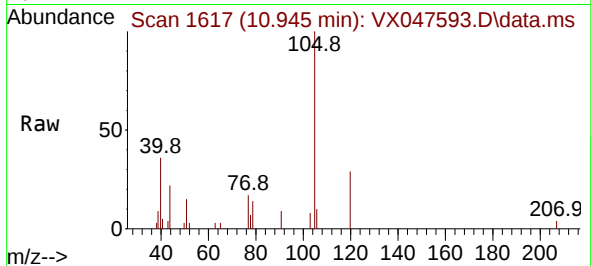




#73
Isopropylbenzene
Concen: 0.273 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

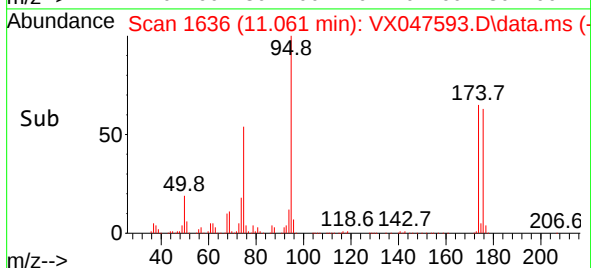
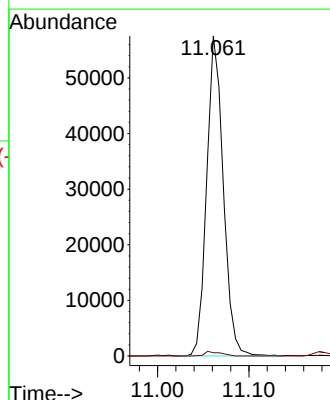
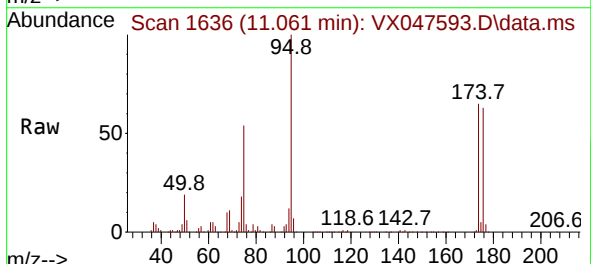
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

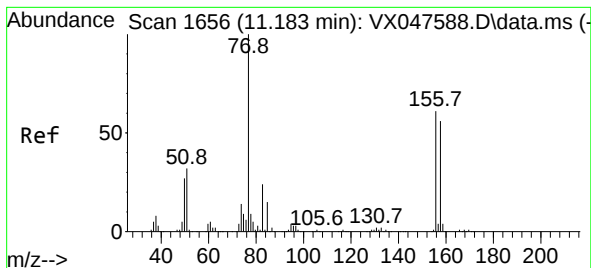
Tgt Ion:105 Resp: 2672
Ion Ratio Lower Upper
105 100
120 22.1 12.8 38.4



#76
1,2,3-Trichloropropane
Concen: 27.769 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 75 Resp: 72436
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#





#77

Bromobenzene

Concen: 0.204 ug/l

RT: 11.183 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01

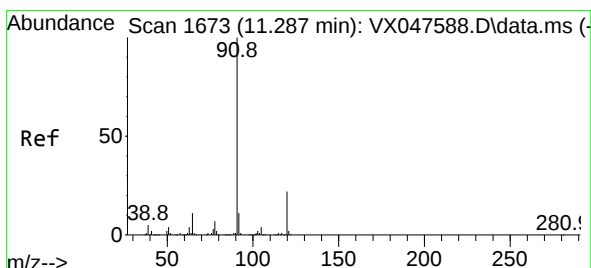
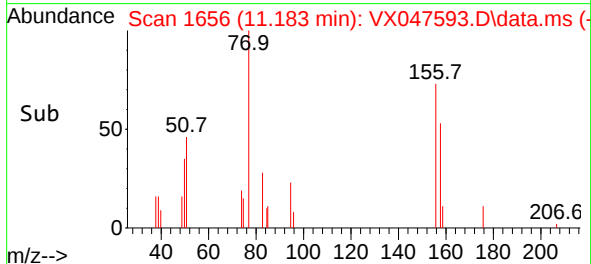
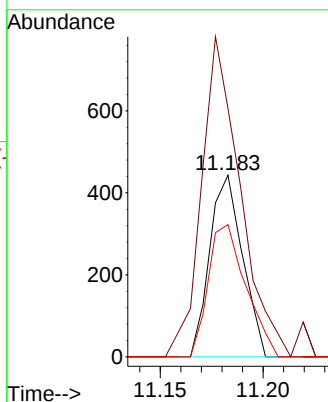
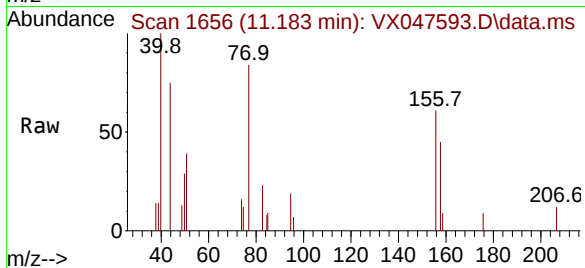
Tgt Ion:156 Resp: 491

Ion Ratio Lower Upper

156 100

77 208.1 89.7 269.1

158 83.7 47.9 143.6



#78

n-propylbenzene

Concen: 0.413 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX047593.D

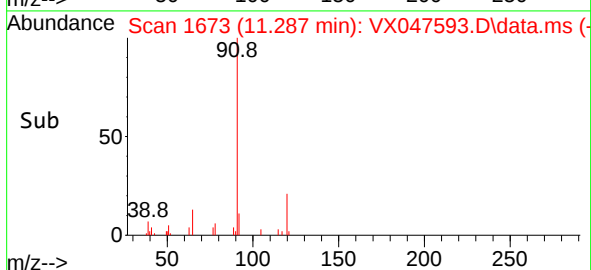
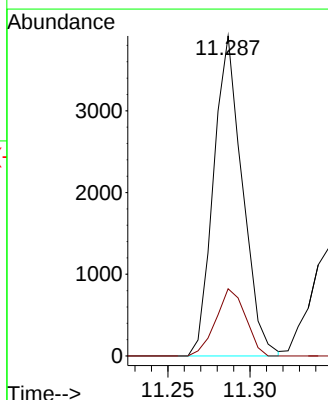
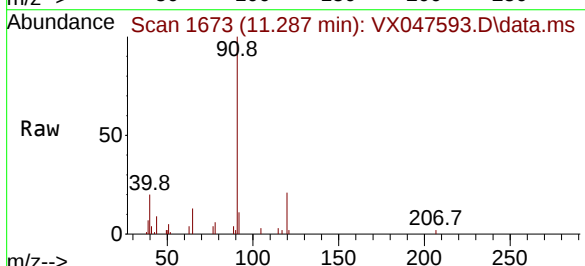
Acq: 16 Sep 2025 14:03

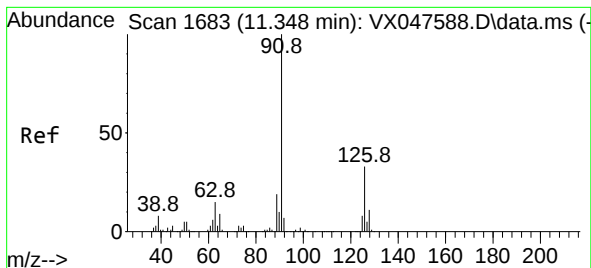
Tgt Ion: 91 Resp: 4780

Ion Ratio Lower Upper

91 100

120 21.6 11.1 33.1





#79

2-Chlorotoluene

Concen: 0.281 ug/l

RT: 11.348 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

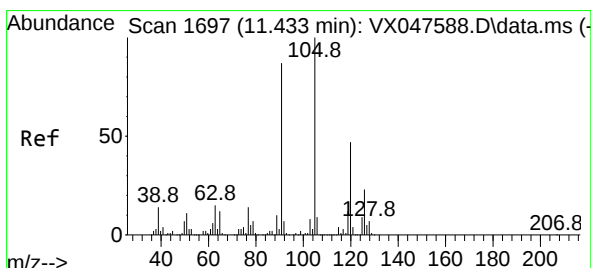
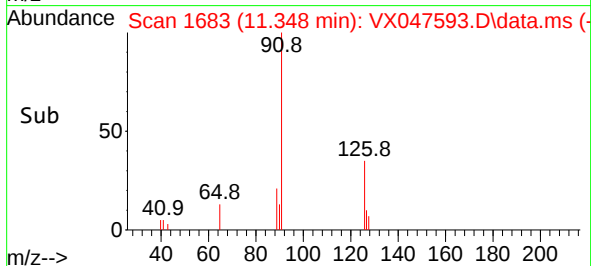
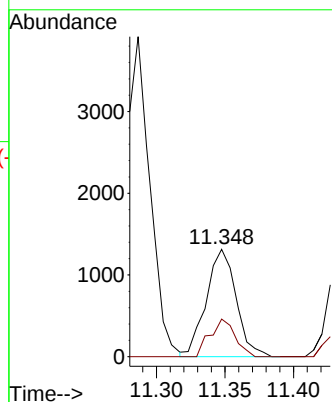
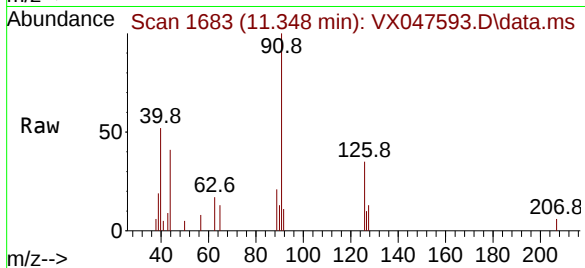
VX0916MBL01

Tgt Ion: 91 Resp: 1994

Ion Ratio Lower Upper

91 100

126 29.4 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 0.361 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX047593.D

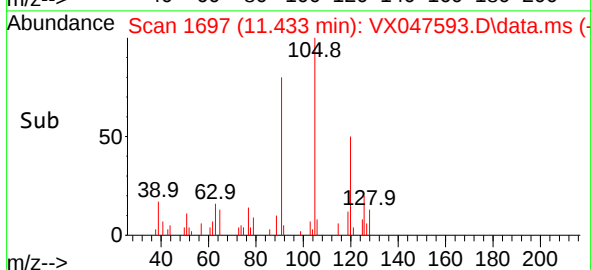
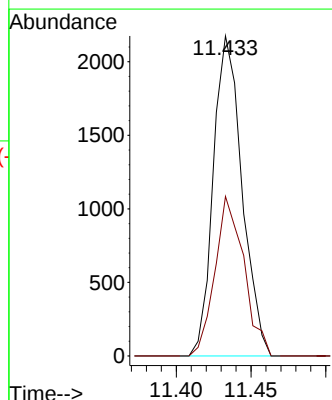
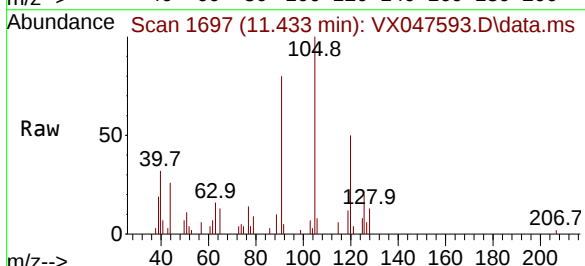
Acq: 16 Sep 2025 14:03

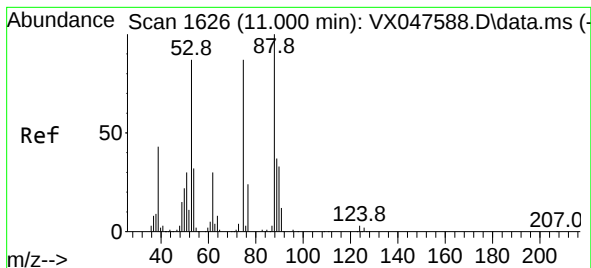
Tgt Ion: 105 Resp: 2902

Ion Ratio Lower Upper

105 100

120 50.2 23.6 70.8

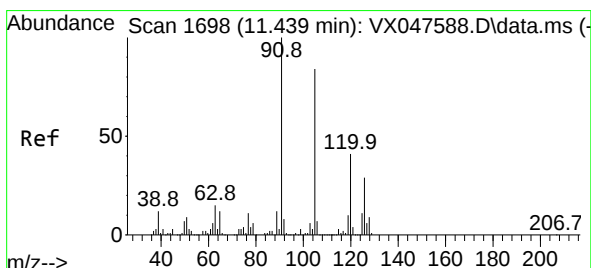
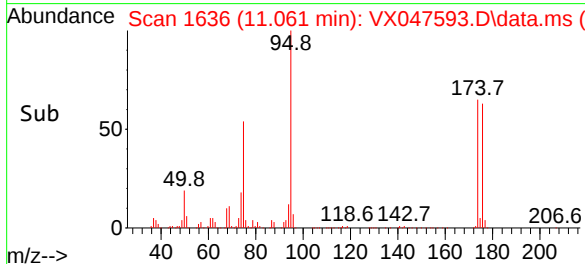
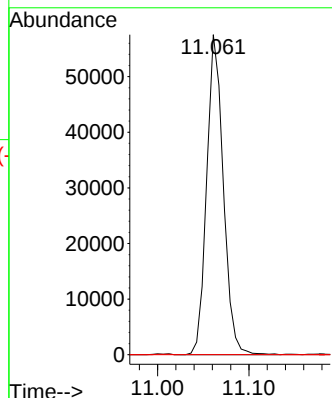
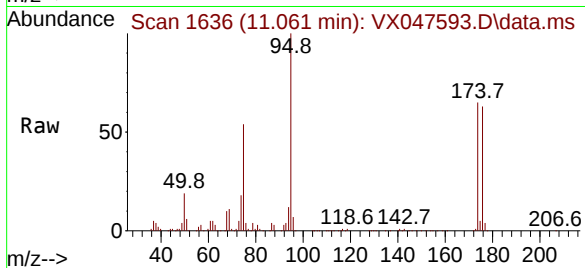




#81
trans-1,4-Dichloro-2-butene
Concen: 70.816 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

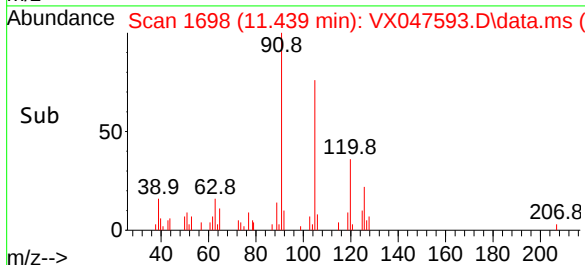
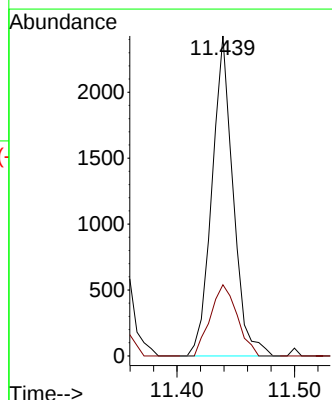
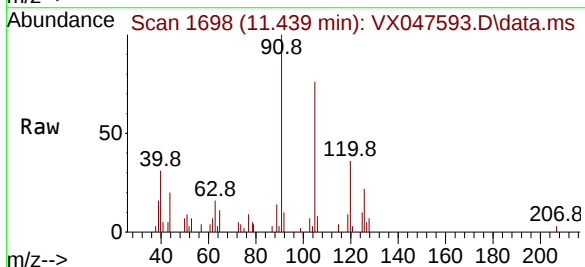
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

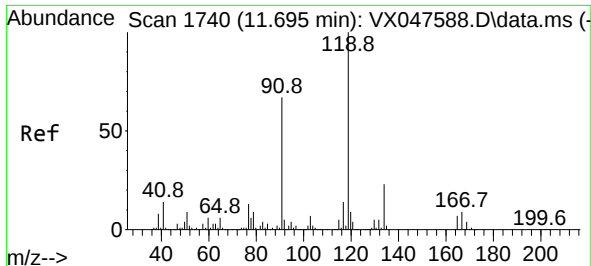
Tgt Ion: 75 Resp: 72436
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#82
4-Chlorotoluene
Concen: 0.364 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 91 Resp: 3048
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6

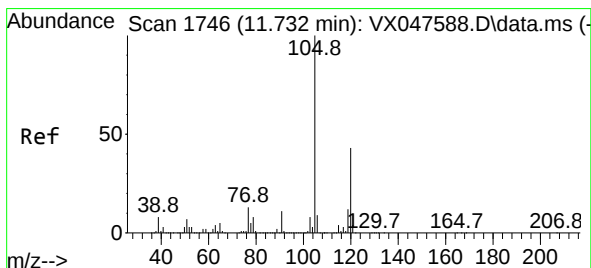
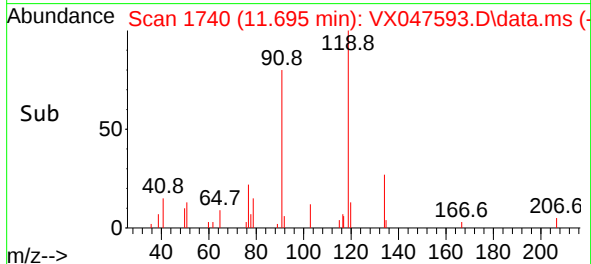
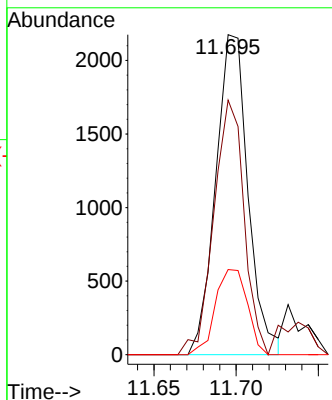
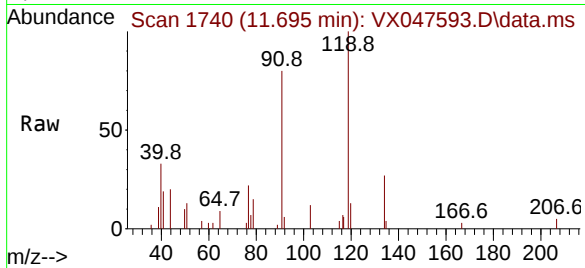




#83
tert-Butylbenzene
Concen: 0.362 ug/l
RT: 11.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

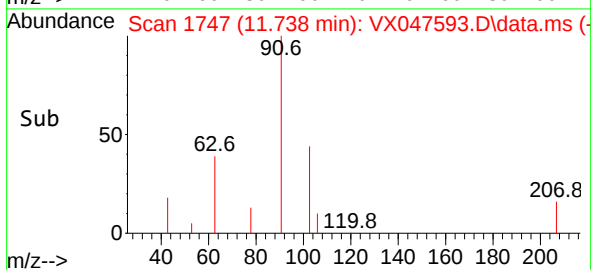
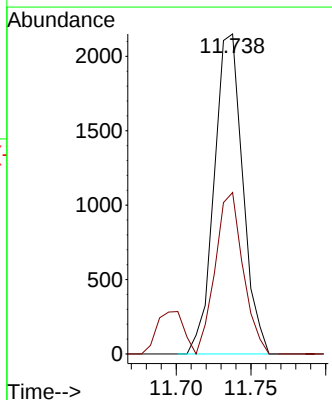
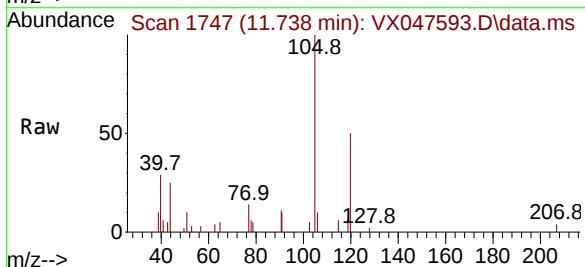
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

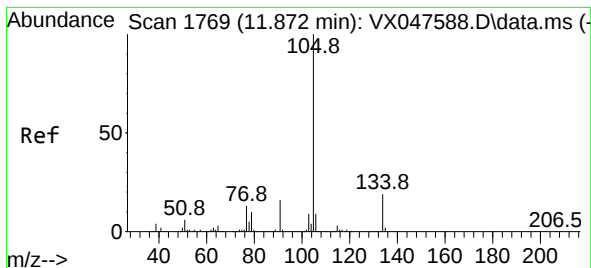
Tgt Ion:119 Resp: 2981
Ion Ratio Lower Upper
119 100
91 74.2 29.6 88.8
134 26.3 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 0.350 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion:105 Resp: 2855
Ion Ratio Lower Upper
105 100
120 49.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 0.658 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

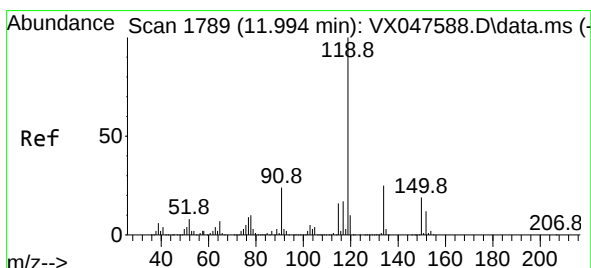
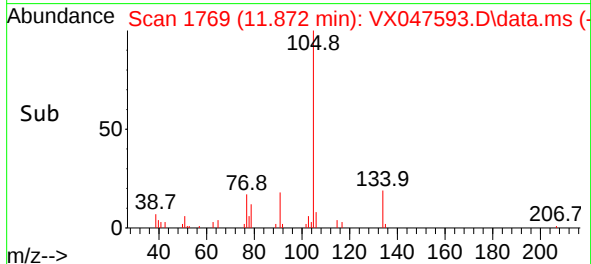
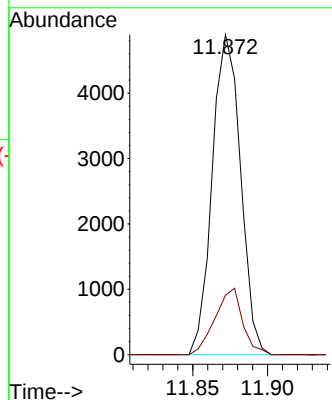
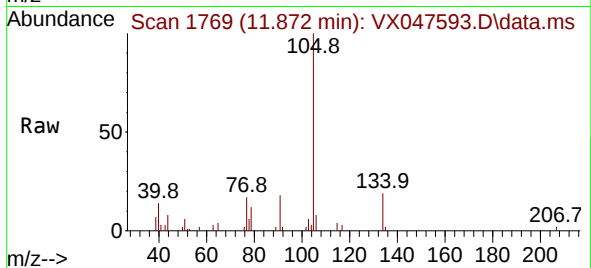
VX0916MBL01

Tgt Ion:105 Resp: 6435

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.5



#86

p-Isopropyltoluene

Concen: 0.704 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. -0.000 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

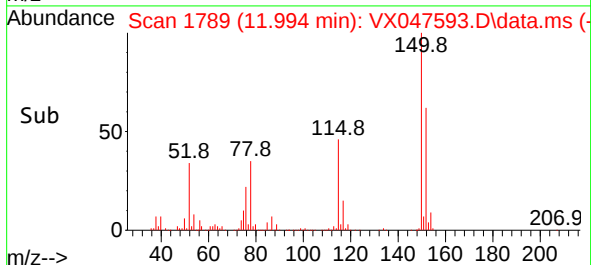
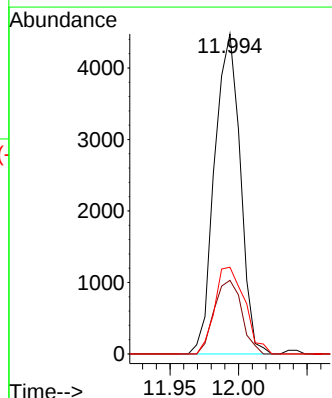
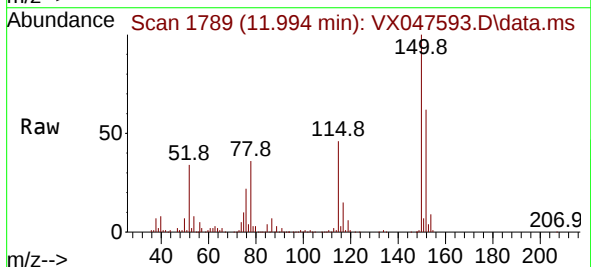
Tgt Ion:119 Resp: 5834

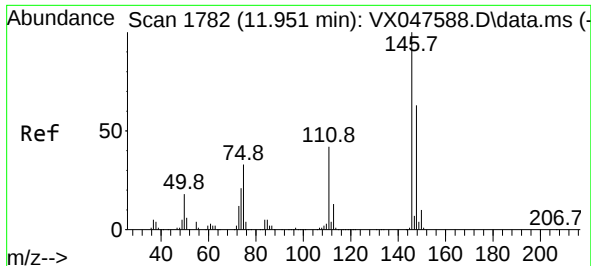
Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

91 31.8 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 0.514 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

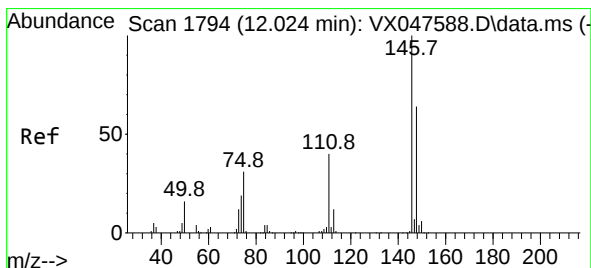
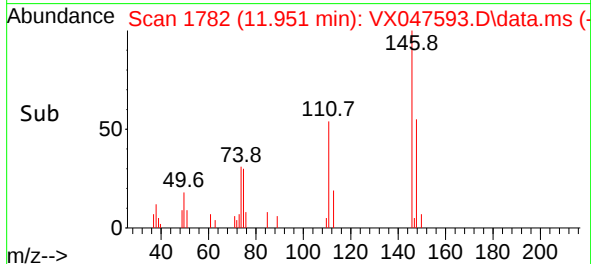
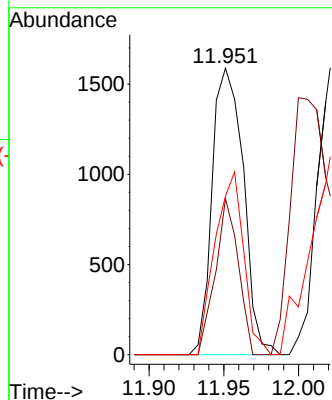
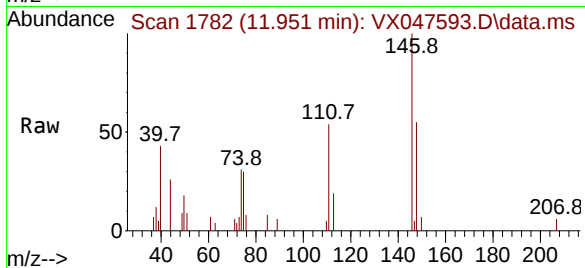
Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01

Tgt Ion:146	Resp:	2304
Ion	Ratio	Lower Upper
146	100	
111	40.1	21.5 64.5
148	58.4	32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.501 ug/l

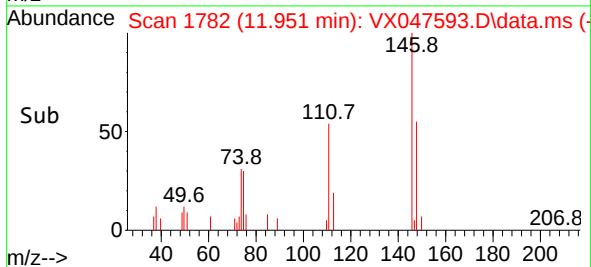
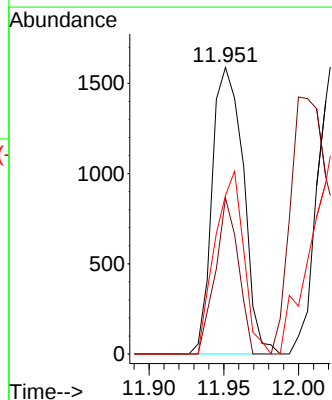
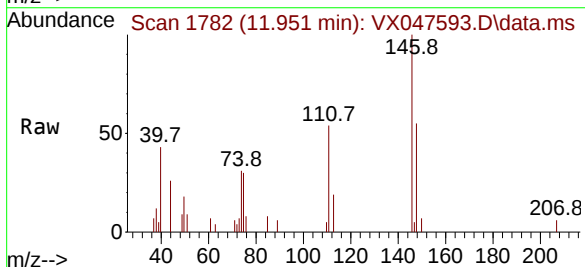
RT: 11.951 min Scan# 1782

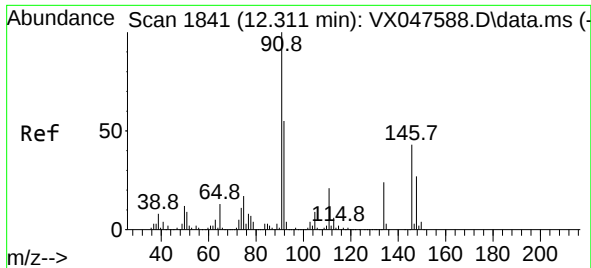
Delta R.T. -0.073 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

Tgt Ion:146	Resp:	2304
Ion	Ratio	Lower Upper
146	100	
111	40.1	20.8 62.4
148	58.4	31.7 95.1





#89

n-Butylbenzene

Concen: 1.057 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01

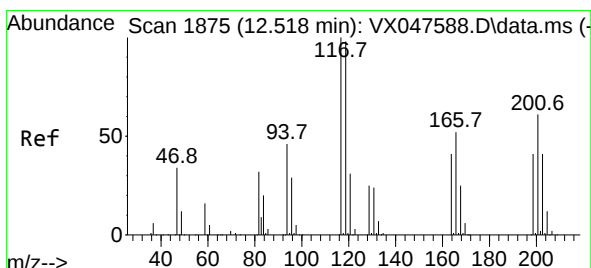
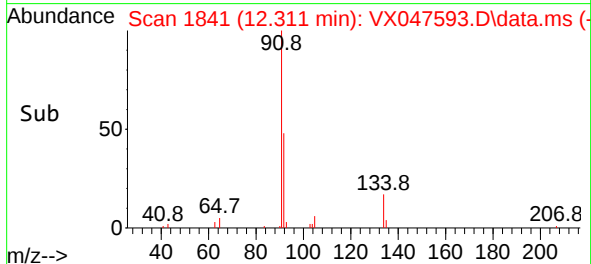
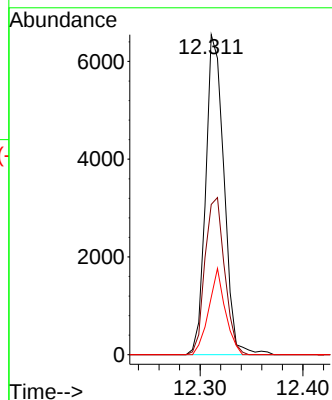
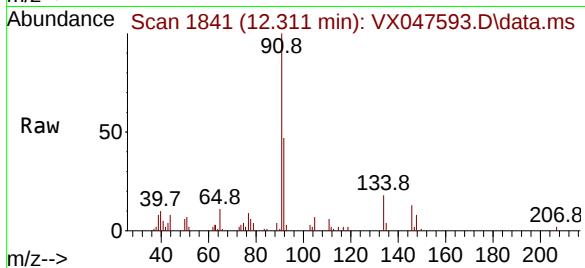
Tgt Ion: 91 Resp: 8104

Ion Ratio Lower Upper

91 100

92 52.7 27.6 82.7

134 24.5 12.6 37.8



#90

Hexachloroethane

Concen: 0.527 ug/l

RT: 12.524 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VX047593.D

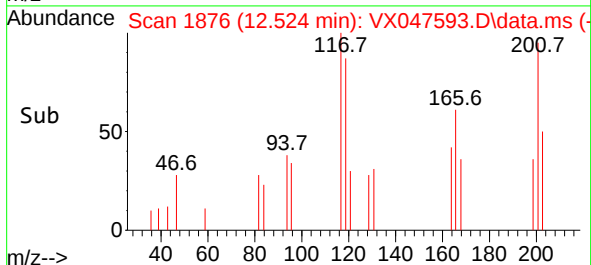
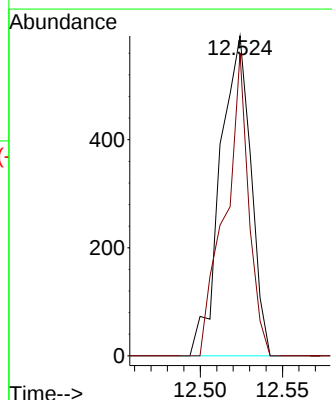
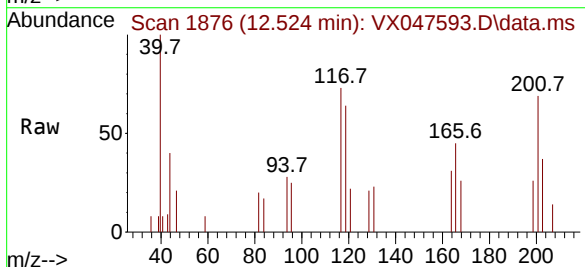
Acq: 16 Sep 2025 14:03

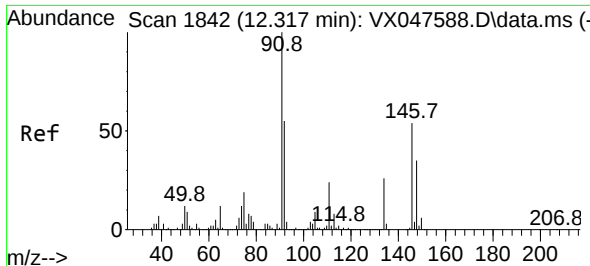
Tgt Ion: 117 Resp: 766

Ion Ratio Lower Upper

117 100

201 72.8 34.2 102.5

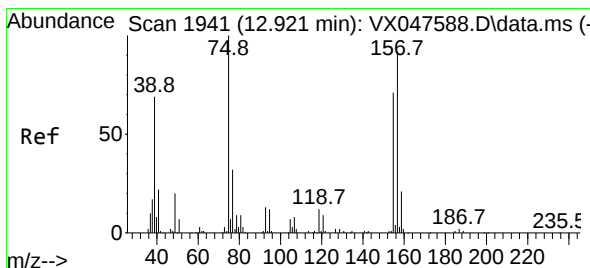
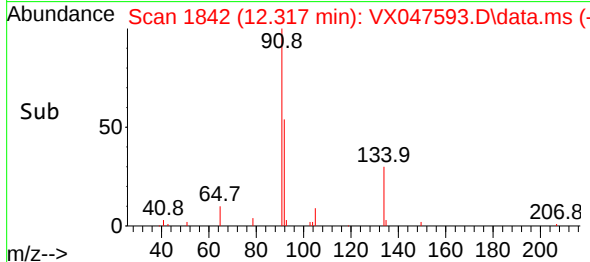
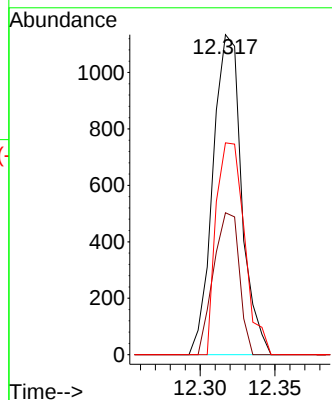
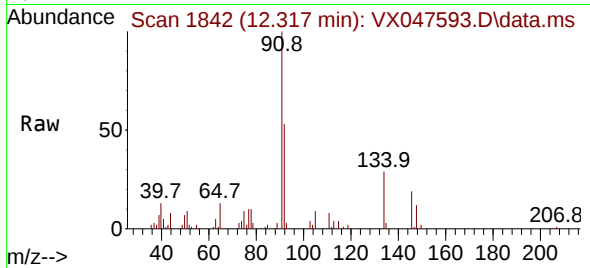




#91
1,2-Dichlorobenzene
Concen: 0.355 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

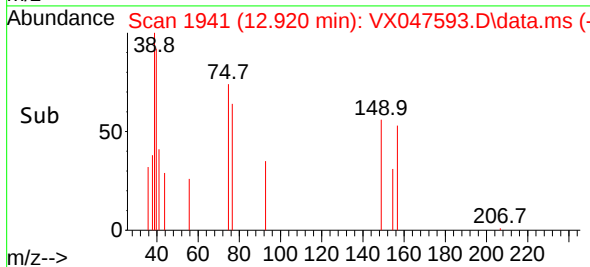
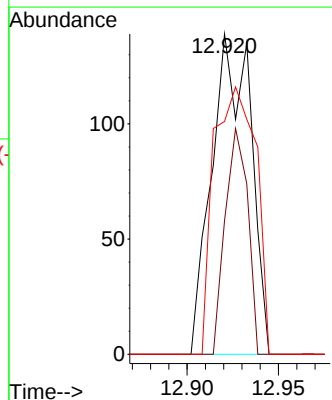
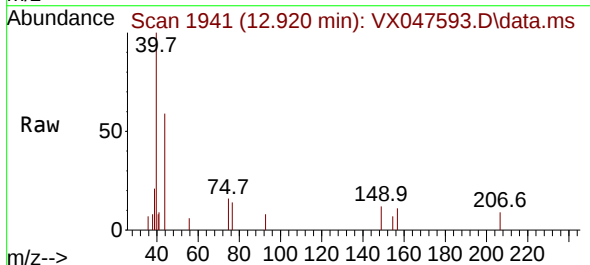
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

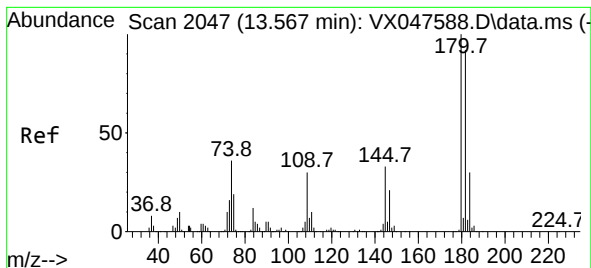
Tgt Ion:146 Resp: 1517
Ion Ratio Lower Upper
146 100
111 39.6 22.2 66.6
148 65.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.343 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 75 Resp: 206
Ion Ratio Lower Upper
75 100
155 40.8 37.7 113.1
157 89.8 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 1.277 ug/l

RT: 13.573 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01

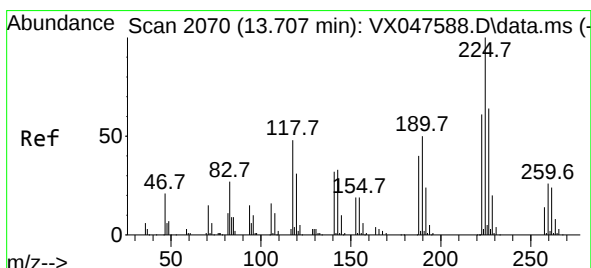
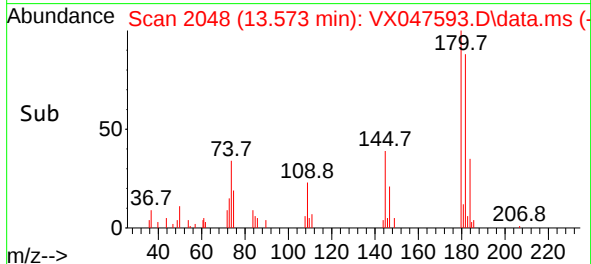
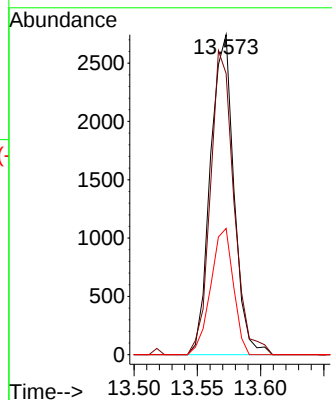
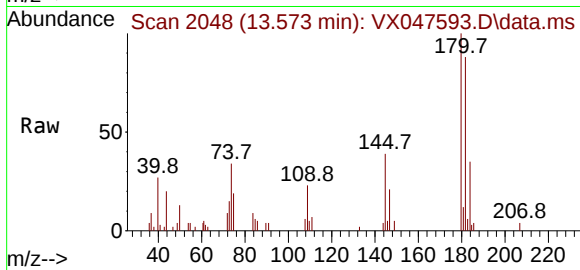
Tgt Ion:180 Resp: 3542

Ion Ratio Lower Upper

180 100

182 94.7 46.6 139.8

145 38.0 16.4 49.1



#94

Hexachlorobutadiene

Concen: 3.658 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

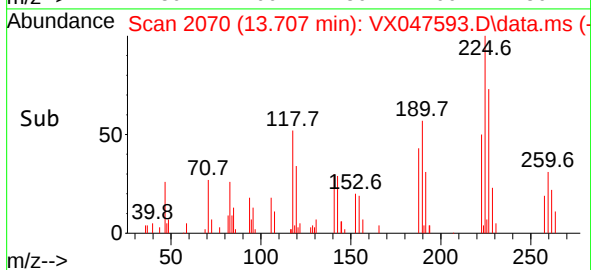
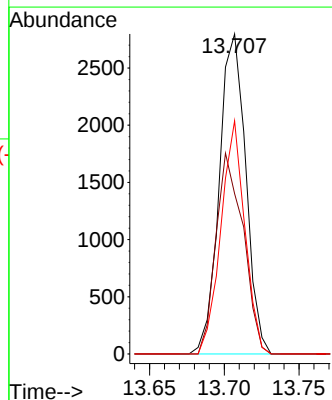
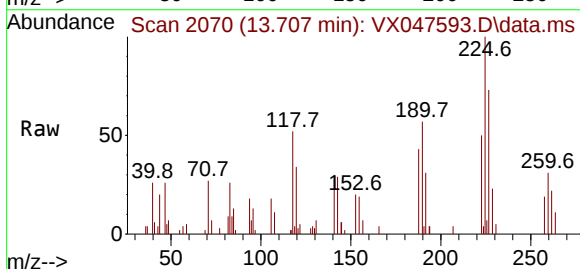
Tgt Ion:225 Resp: 3447

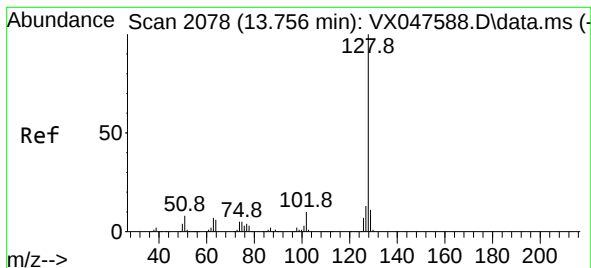
Ion Ratio Lower Upper

225 100

223 64.3 31.7 95.1

227 65.6 32.0 96.0





#95

Naphthalene

Concen: 0.948 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

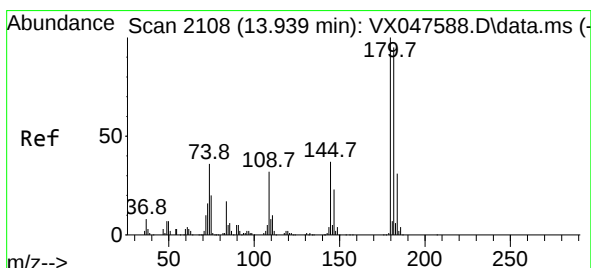
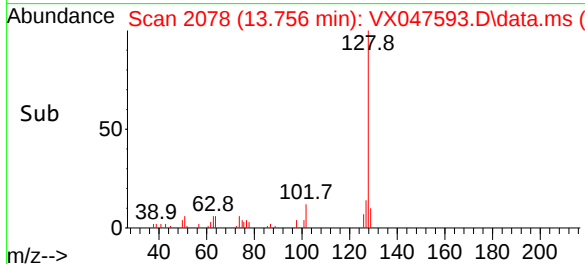
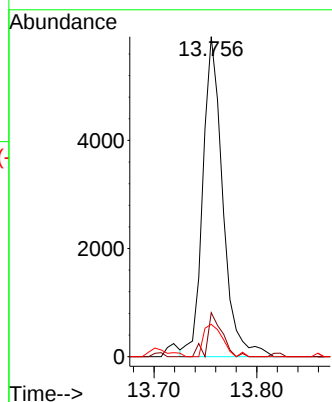
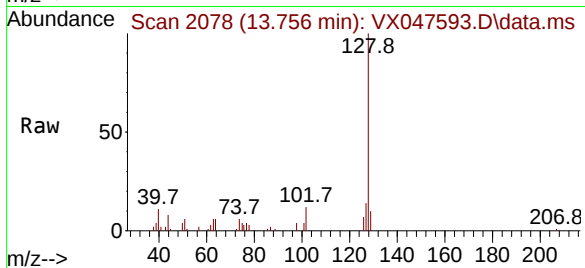
Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01

Tgt Ion:	128	Resp:	8007
Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.2	15.2
129	9.7	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 1.338 ug/l

RT: 13.945 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX047593.D

Acq: 16 Sep 2025 14:03

Tgt Ion:	180	Resp:	3452
Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.6	142.8
145	37.3	17.9	53.7

