

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024037.D
 Acq On : 31 Aug 2021 12:27
 Operator : JC/MD
 Sample : M3577-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Sep 01 05:00:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

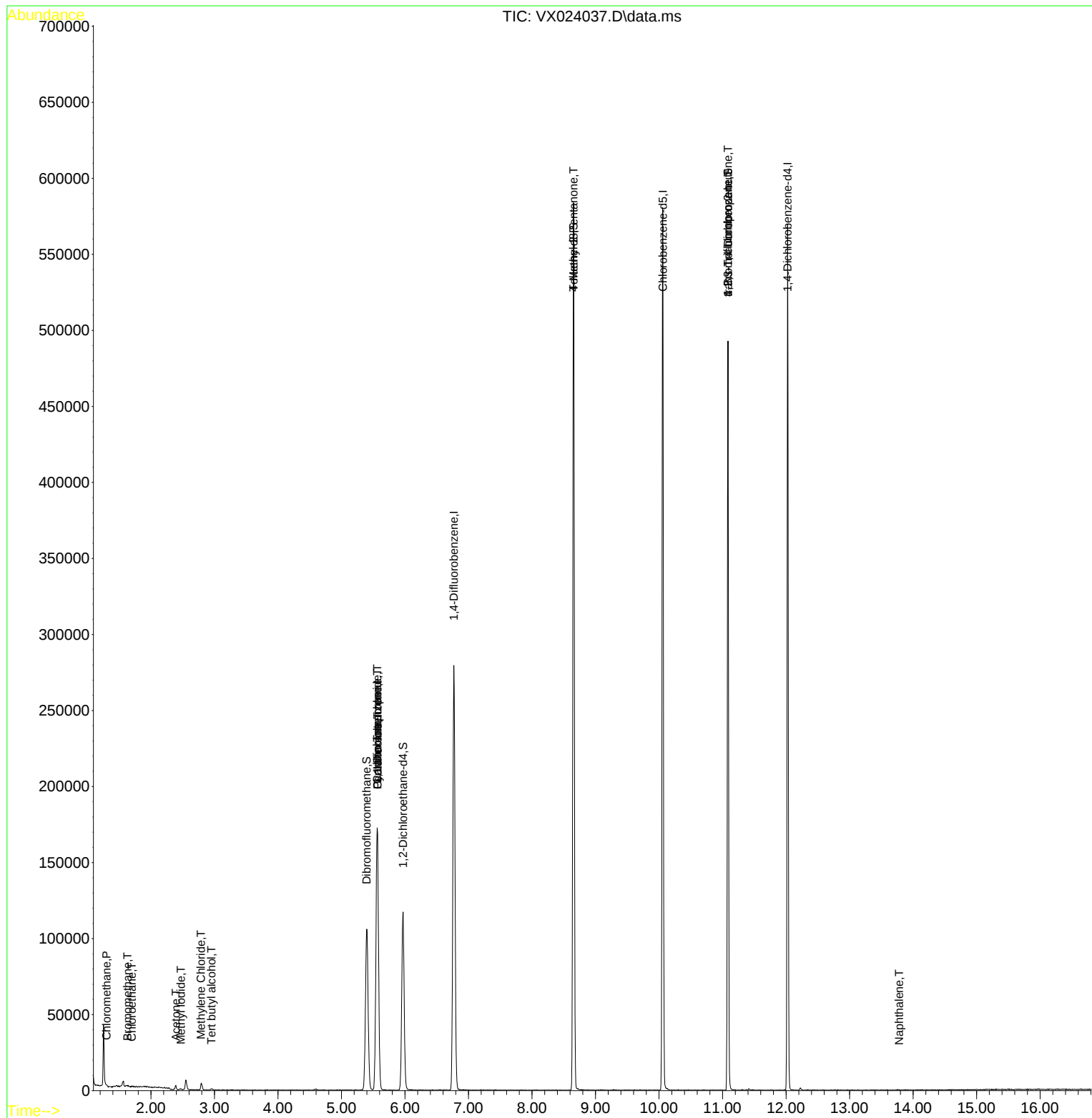
Internal Standards						
1) Pentafluorobenzene	5.568	168	161021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	254997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	116851	51.995	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.000%			
35) Dibromofluoromethane	5.397	113	92124	50.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	8.653	98	336260	48.754	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.500%			
62) 4-Bromofluorobenzene	11.085	95	123273	48.552	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.100%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	517	0.277	ug/l #	87
5) Bromomethane	1.630	94	663	0.580	ug/l	92
6) Chloroethane	1.697	64	86	2.272	ug/l #	43
10) Methyl Iodide	2.471	142	842	0.374	ug/l #	85
11) Tert butyl alcohol	2.953	59	588	1.294	ug/l #	73
16) Acetone	2.392	43	2427	2.415	ug/l	98
20) Methylene Chloride	2.788	84	1875	0.977	ug/l #	91
31) Cyclohexane	5.568	56	3851	1.334	ug/l #	41
36) 1,1-Dichloropropene	5.562	75	13458	5.308	ug/l #	48
38) Carbon Tetrachloride	5.562	117	16843	6.370	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1621	0.514	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	66881	25.923	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	66881	76.254	ug/l #	12
95) Naphthalene	13.780	128	139	1.299	ug/l #	69

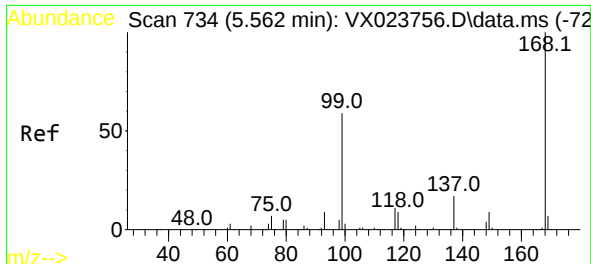
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 01 05:00:32 2021
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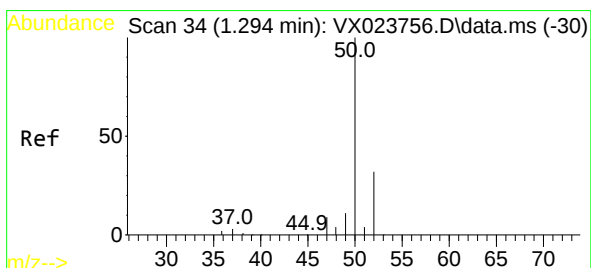
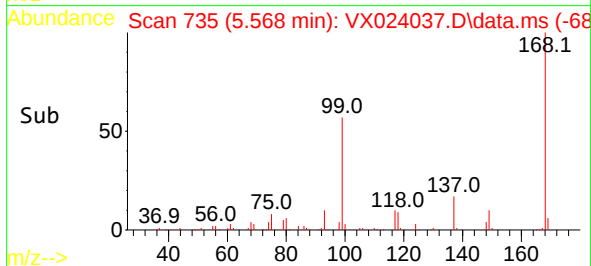
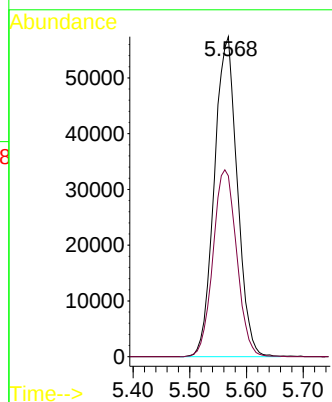
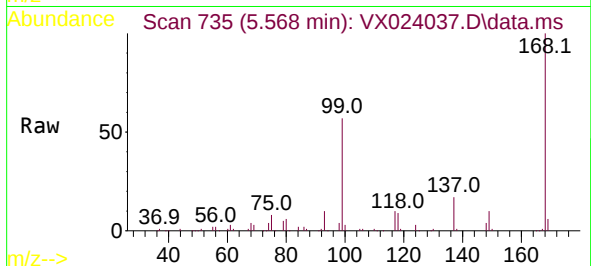




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

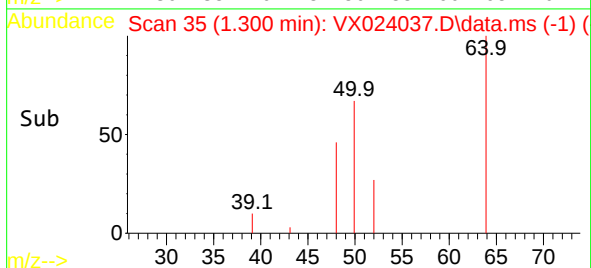
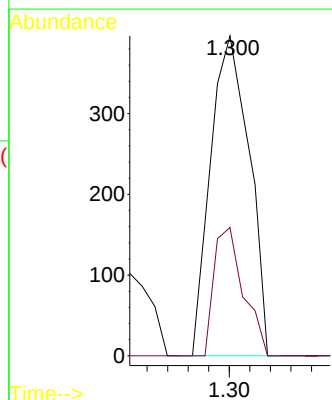
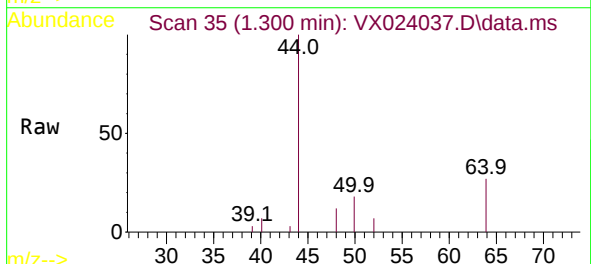
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MSVOA_X
ClientSampleId :
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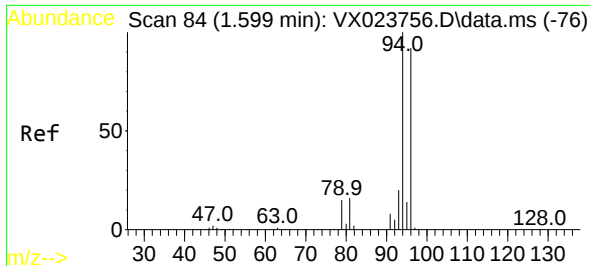
Tgt Ion:168 Resp: 161021
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#3
Chloromethane
Concen: 0.277 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Tgt Ion: 50 Resp: 517
Ion Ratio Lower Upper
50 100
52 40.2 26.4 39.6#

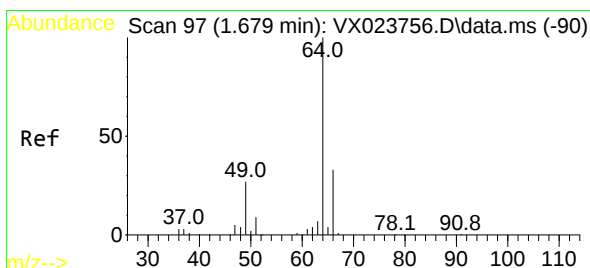
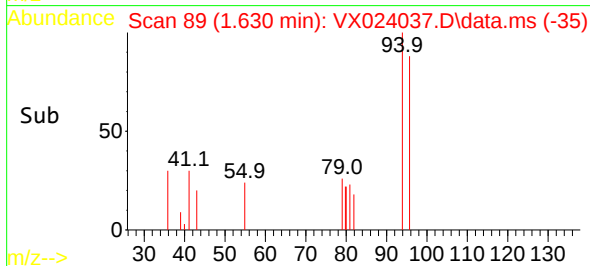
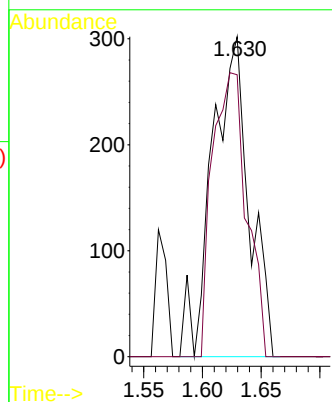
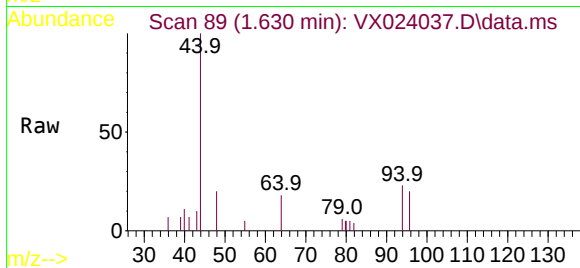




#5
Bromomethane
Concen: 0.580 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

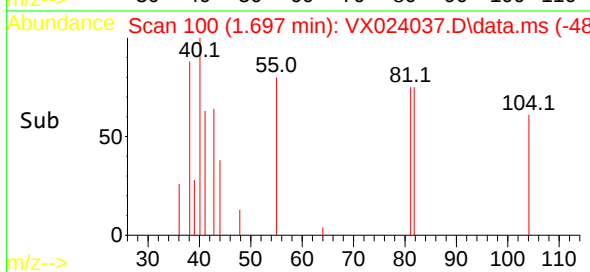
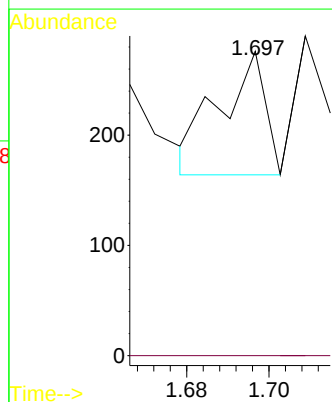
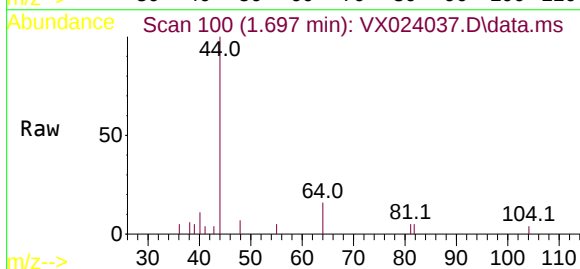
Instrument :
MSVOA_X
ClientSampled :
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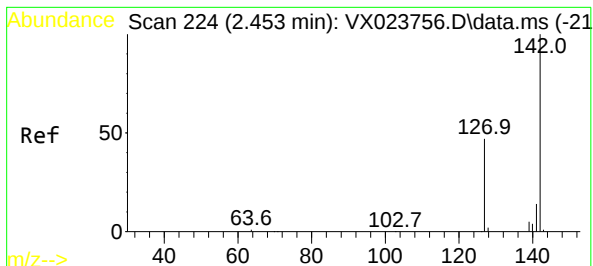
Tgt Ion: 94 Resp: 663
Ion Ratio Lower Upper
94 100
96 88.1 76.4 114.6



#6
Chloroethane
Concen: 2.272 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

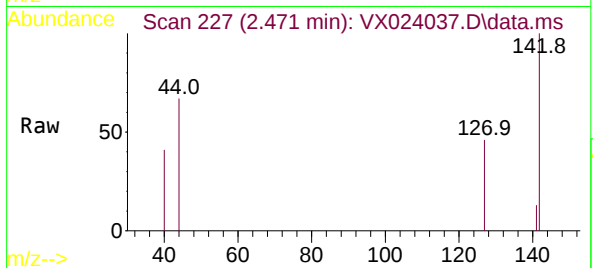
Tgt Ion: 64 Resp: 86
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



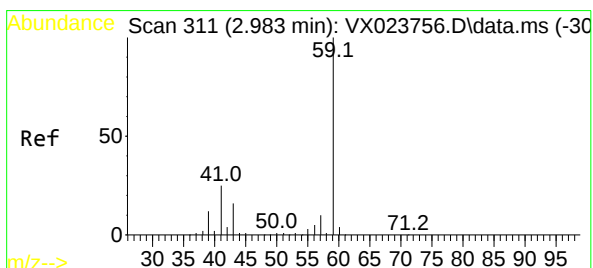
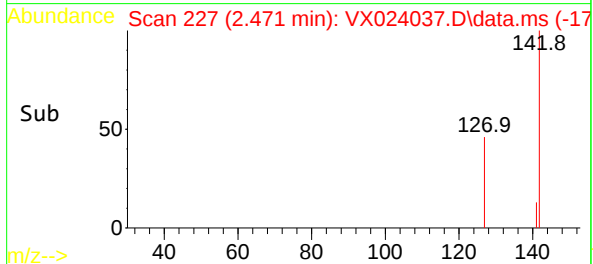
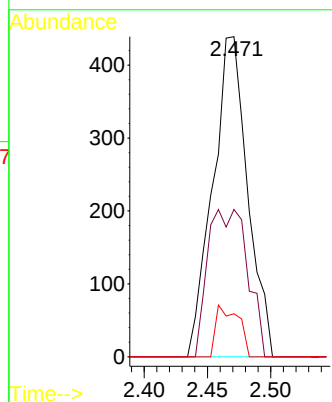


#10
Methyl Iodide
Concen: 0.374 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Instrument :
MSVOA_X
ClientSampled :
FIELD-BLANK

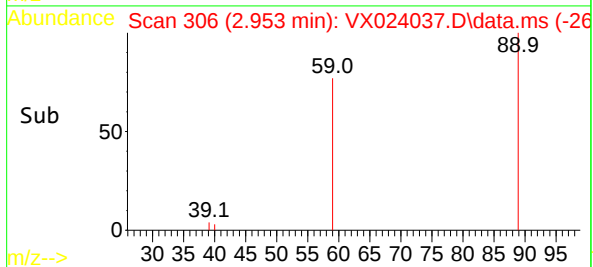
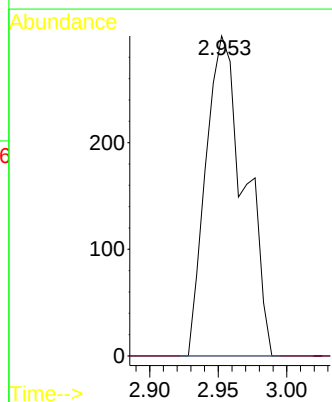
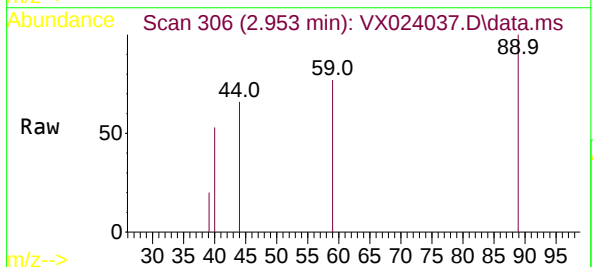


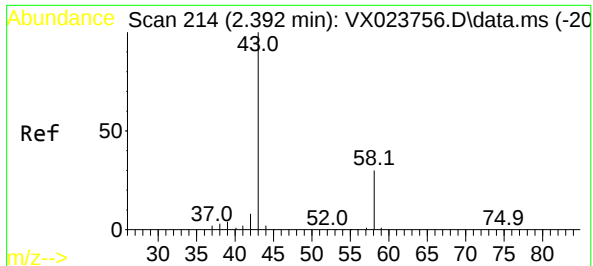
Tgt Ion:142 Resp: 842
Ion Ratio Lower Upper
142 100
127 52.6 33.3 49.9#
141 10.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.294 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Tgt Ion: 59 Resp: 588
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

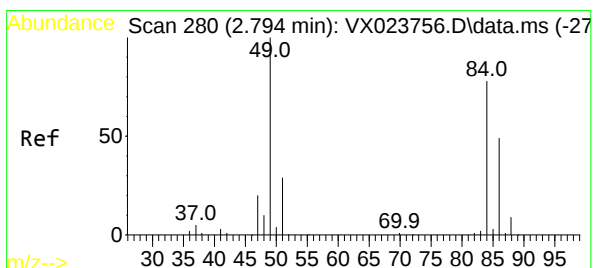
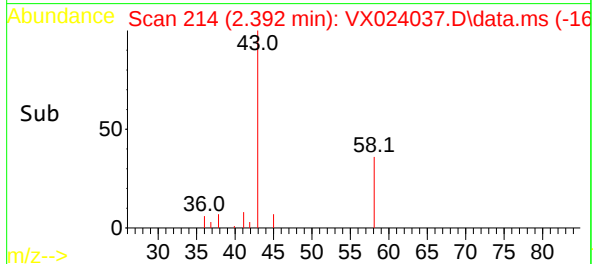
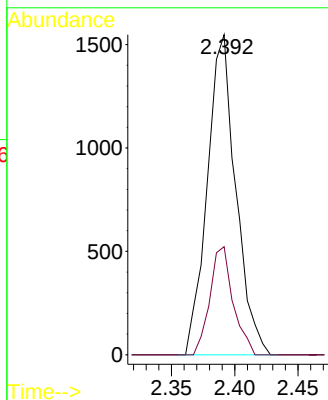
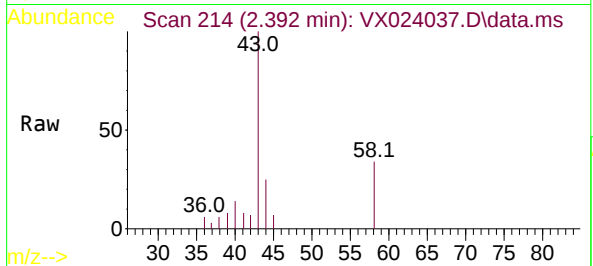




#16
Acetone
Concen: 2.415 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

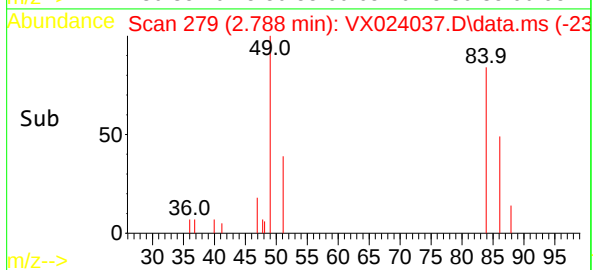
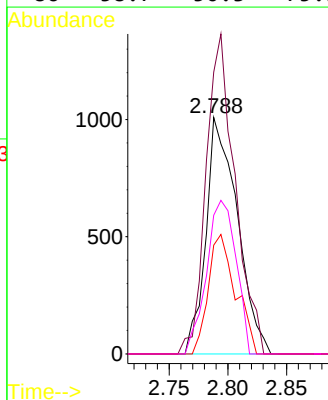
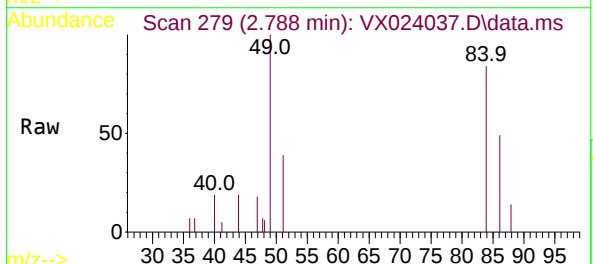
Instrument :
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ClientSampleId :
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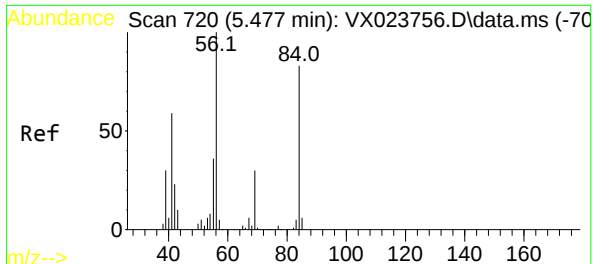
Tgt Ion: 43 Resp: 2427
Ion Ratio Lower Upper
43 100
58 33.8 27.8 41.8



#20
Methylene Chloride
Concen: 0.977 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Tgt Ion: 84 Resp: 1875
Ion Ratio Lower Upper
84 100
49 119.1 88.6 132.8
51 46.0 27.0 40.6#
86 58.7 50.3 75.5

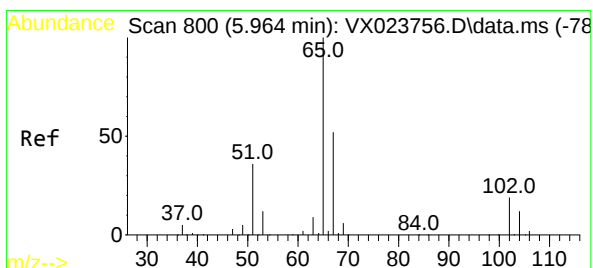
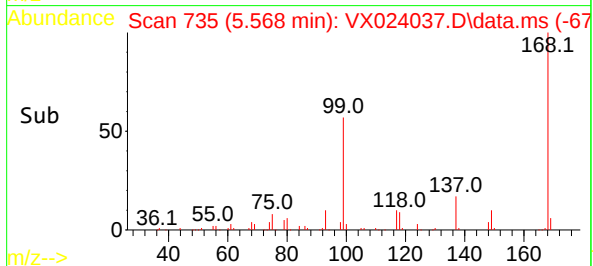
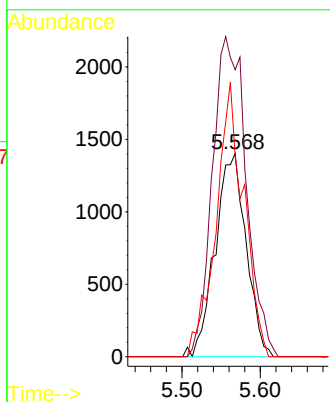
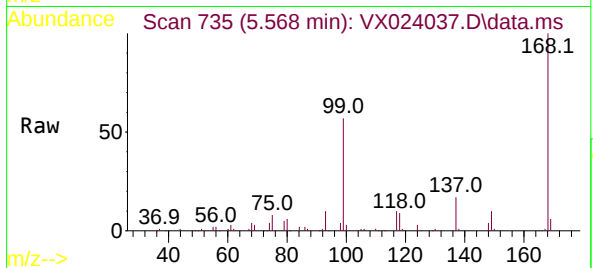




#31
Cyclohexane
Concen: 1.334 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

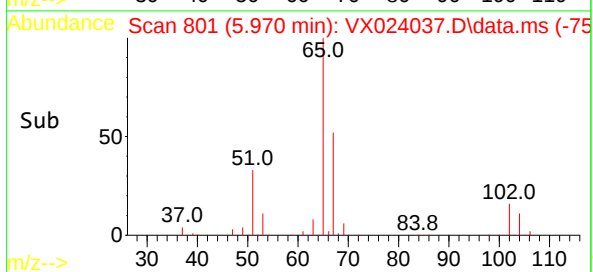
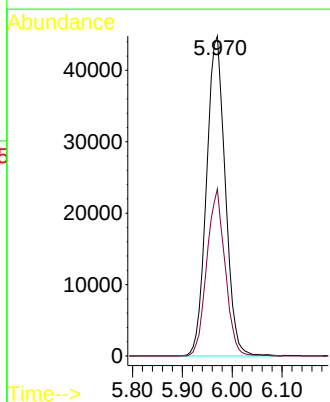
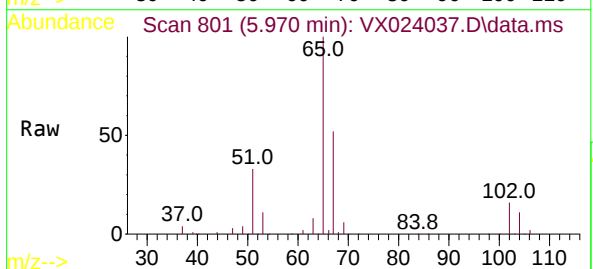
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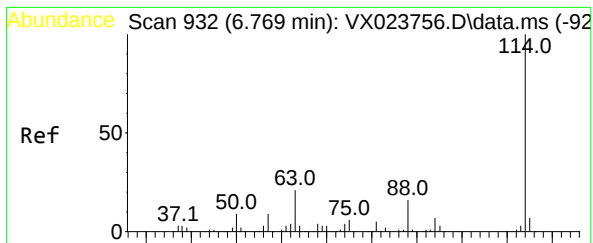
Tgt Ion: 56 Resp: 3851
Ion Ratio Lower Upper
56 100
69 141.4 25.3 37.9#
84 98.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.995 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Tgt Ion: 65 Resp: 116851
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

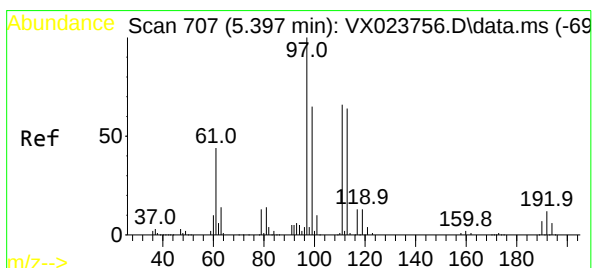
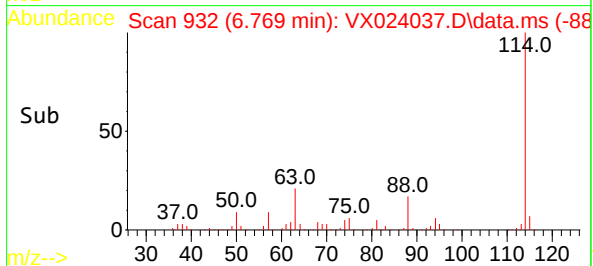
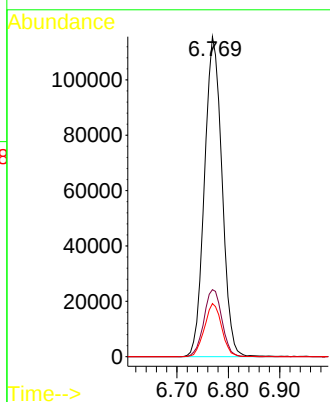
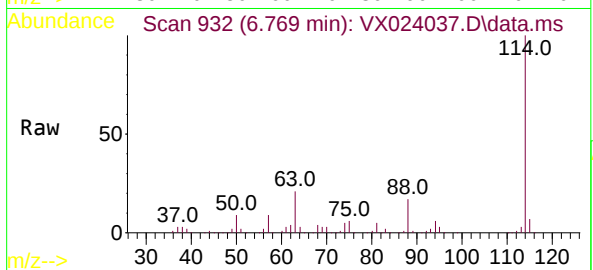




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

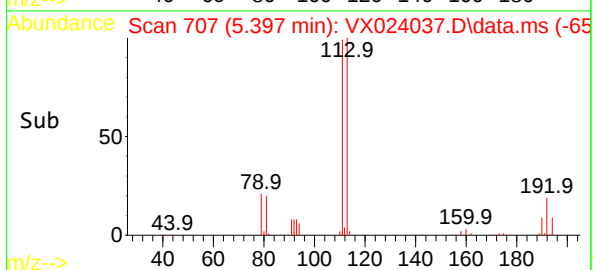
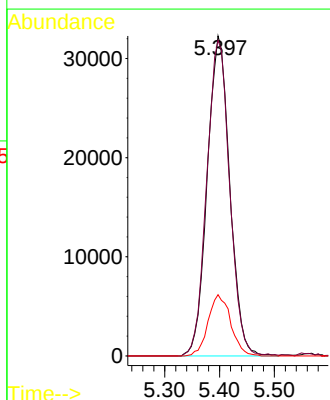
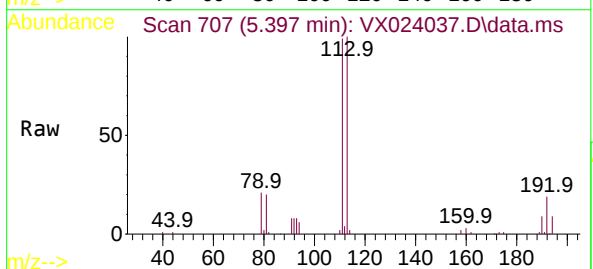
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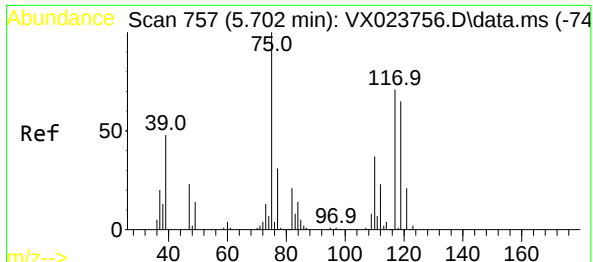
Tgt Ion:114 Resp: 273786
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.838 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Tgt Ion:113 Resp: 92124
Ion Ratio Lower Upper
113 100
111 100.4 81.9 122.9
192 19.2 16.7 25.1

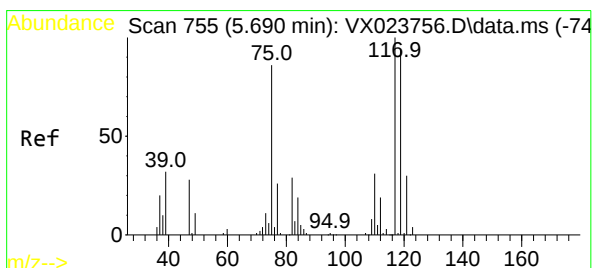
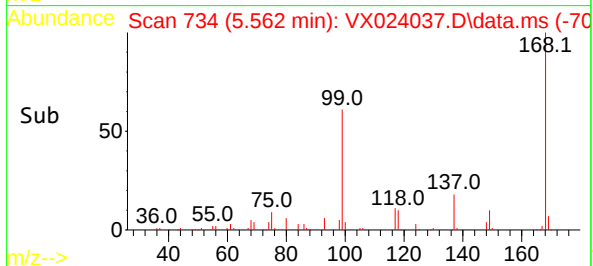
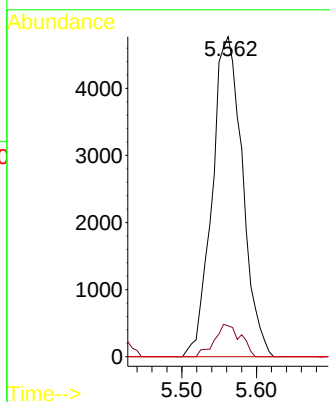
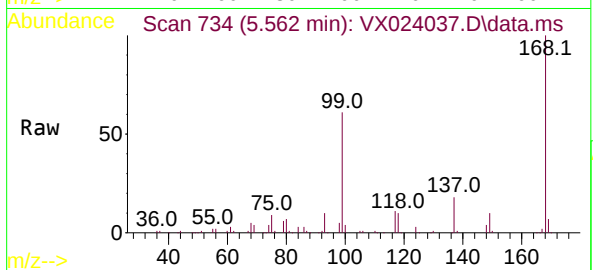




#36
1,1-Dichloropropene
Concen: 5.308 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

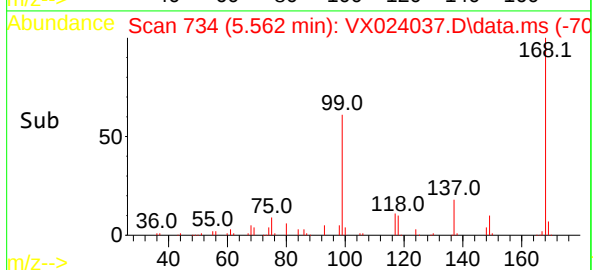
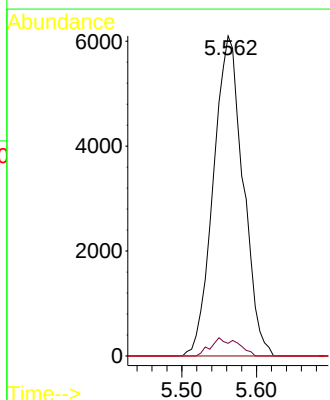
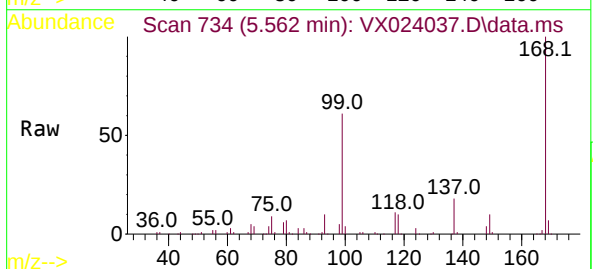
Instrument :
MSVOA_X
ClientSampleId :
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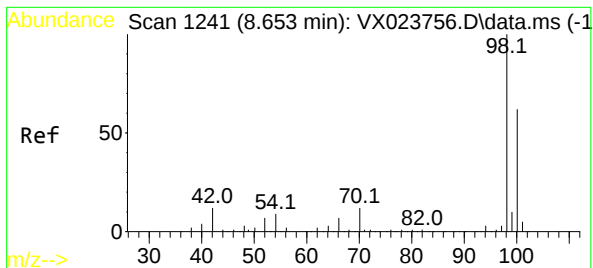
Tgt Ion: 75 Resp: 13458
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.370 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Tgt Ion: 117 Resp: 16843
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

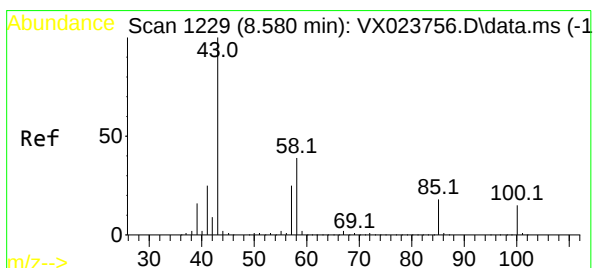
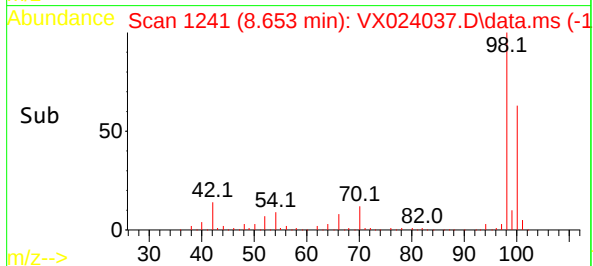
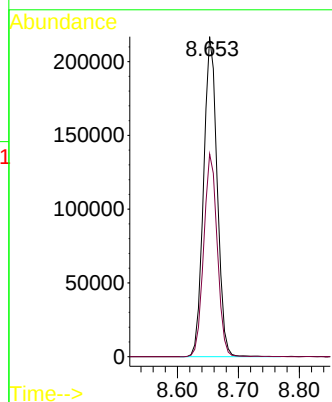
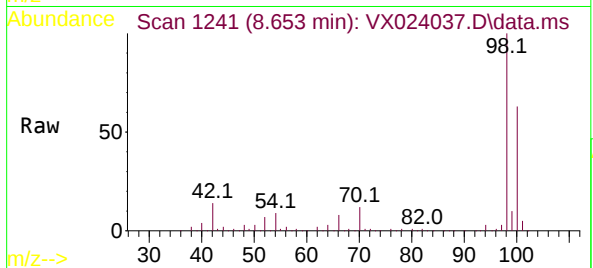




#50
Toluene-d8
Concen: 48.754 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

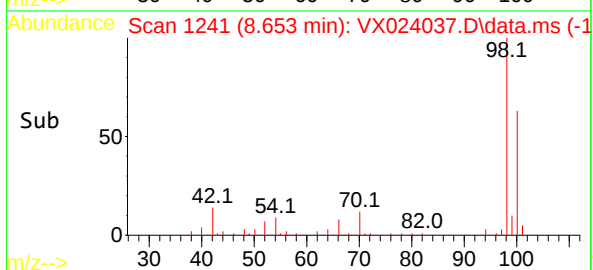
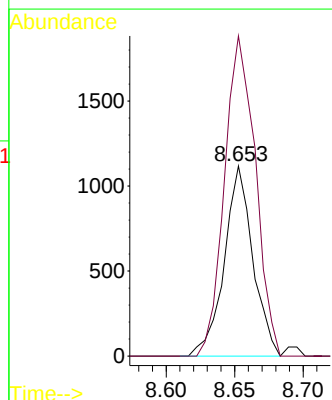
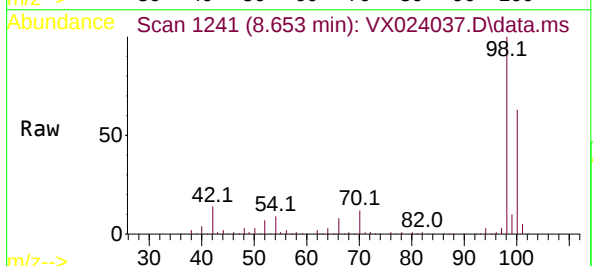
Instrument :
MSVOA_X
ClientSampled :
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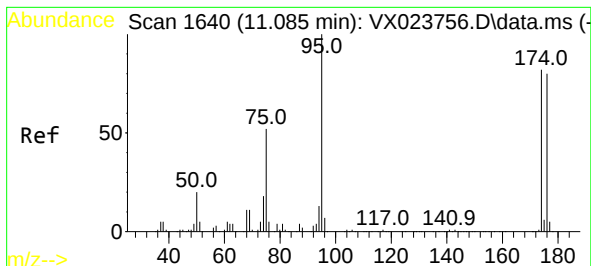
Tgt Ion: 98 Resp: 336260
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Tgt Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
58 182.0 35.4 53.0#

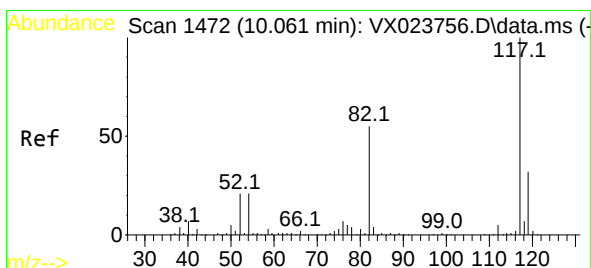
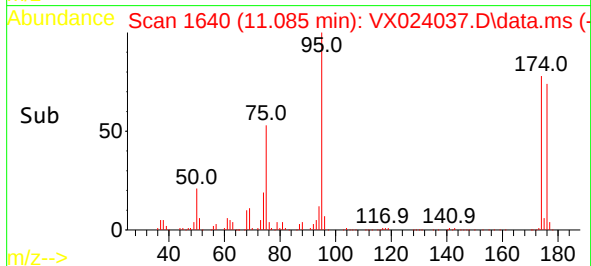
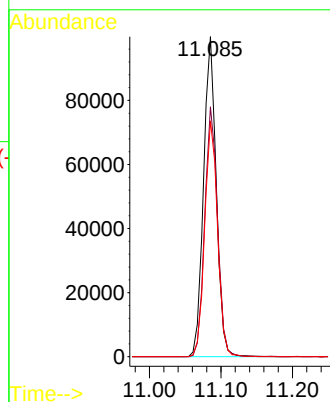
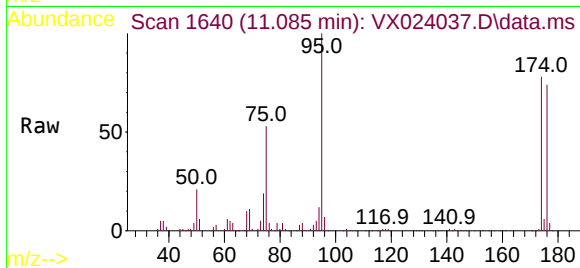




#62
4-Bromofluorobenzene
Concen: 48.552 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

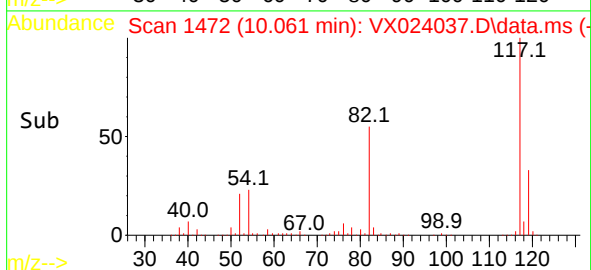
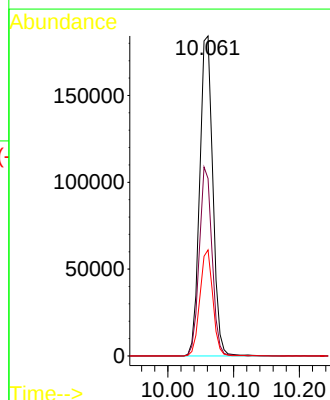
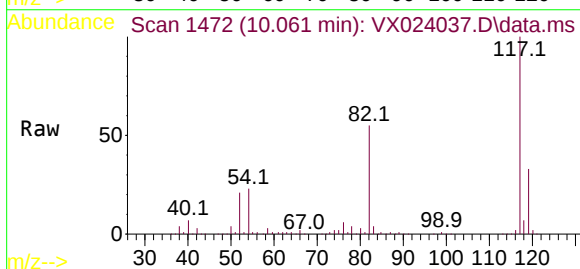
Instrument :
MSVOA_X
ClientSampleId :
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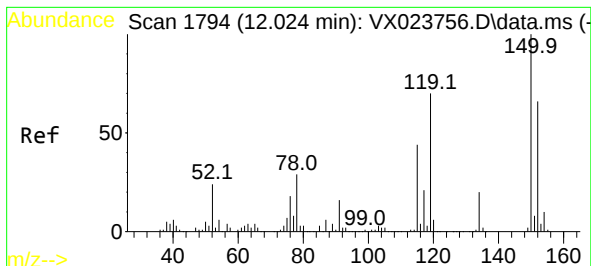
Tgt Ion: 95 Resp: 123273
Ion Ratio Lower Upper
95 100
174 78.8 0.0 154.6
176 74.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Tgt Ion: 117 Resp: 254997
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 33.2 26.6 39.8

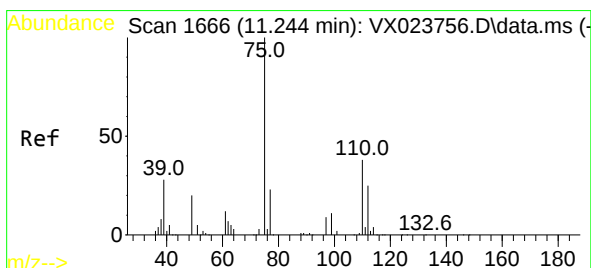
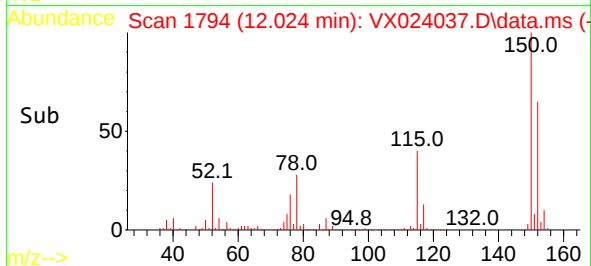
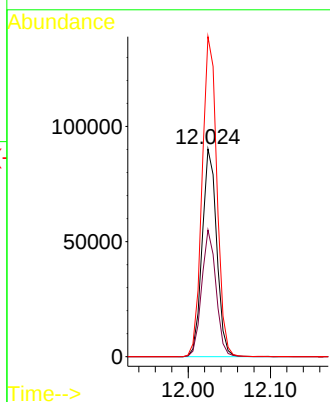
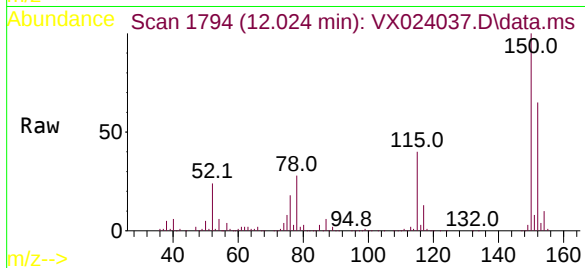




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

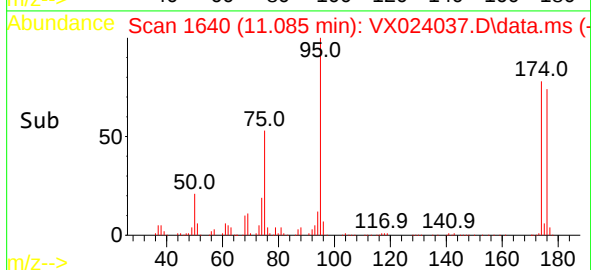
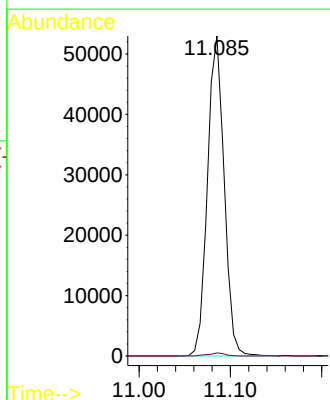
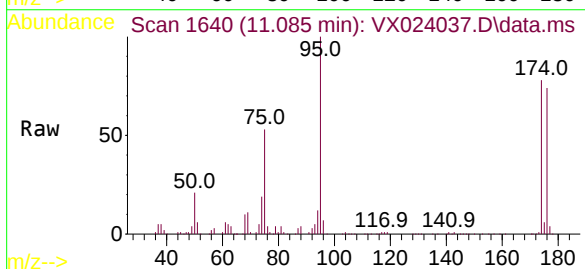
Instrument :
MSVOA_X
ClientSampled :
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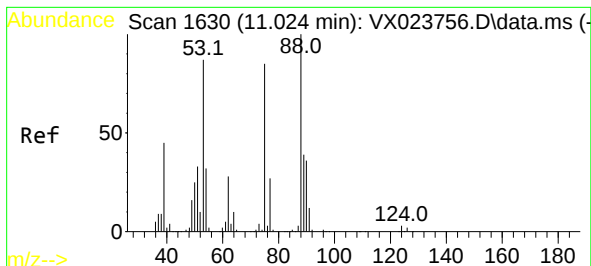
Tgt Ion:152 Resp: 110598
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 156.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.923 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Tgt Ion: 75 Resp: 66881
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

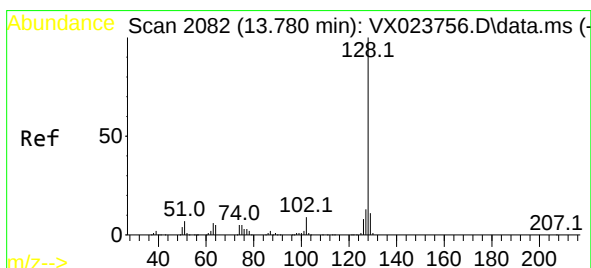
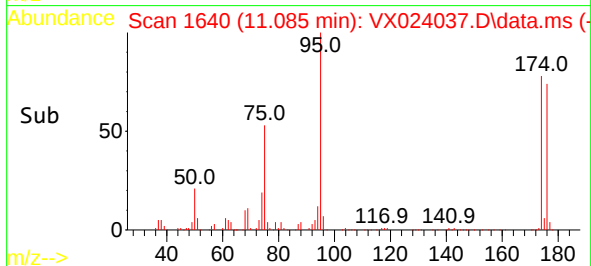
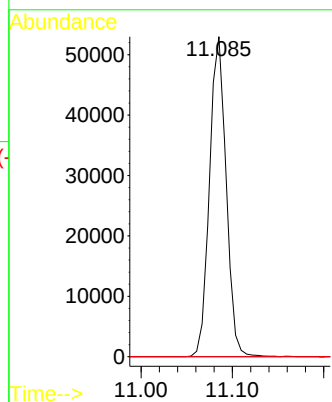
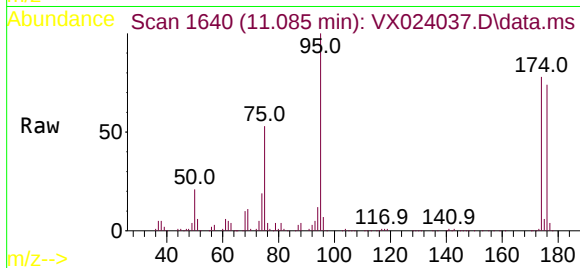




#81
trans-1,4-Dichloro-2-butene
Concen: 76.254 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 75 Resp: 66881
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.299 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024037.D
Acq: 31 Aug 2021 12:27

Tgt Ion: 128 Resp: 139
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

