

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024360.D
 Acq On : 20 Sep 2021 18:50
 Operator : JC/MD
 Sample : M3818-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-860-862

Quant Time: Sep 21 08:43:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

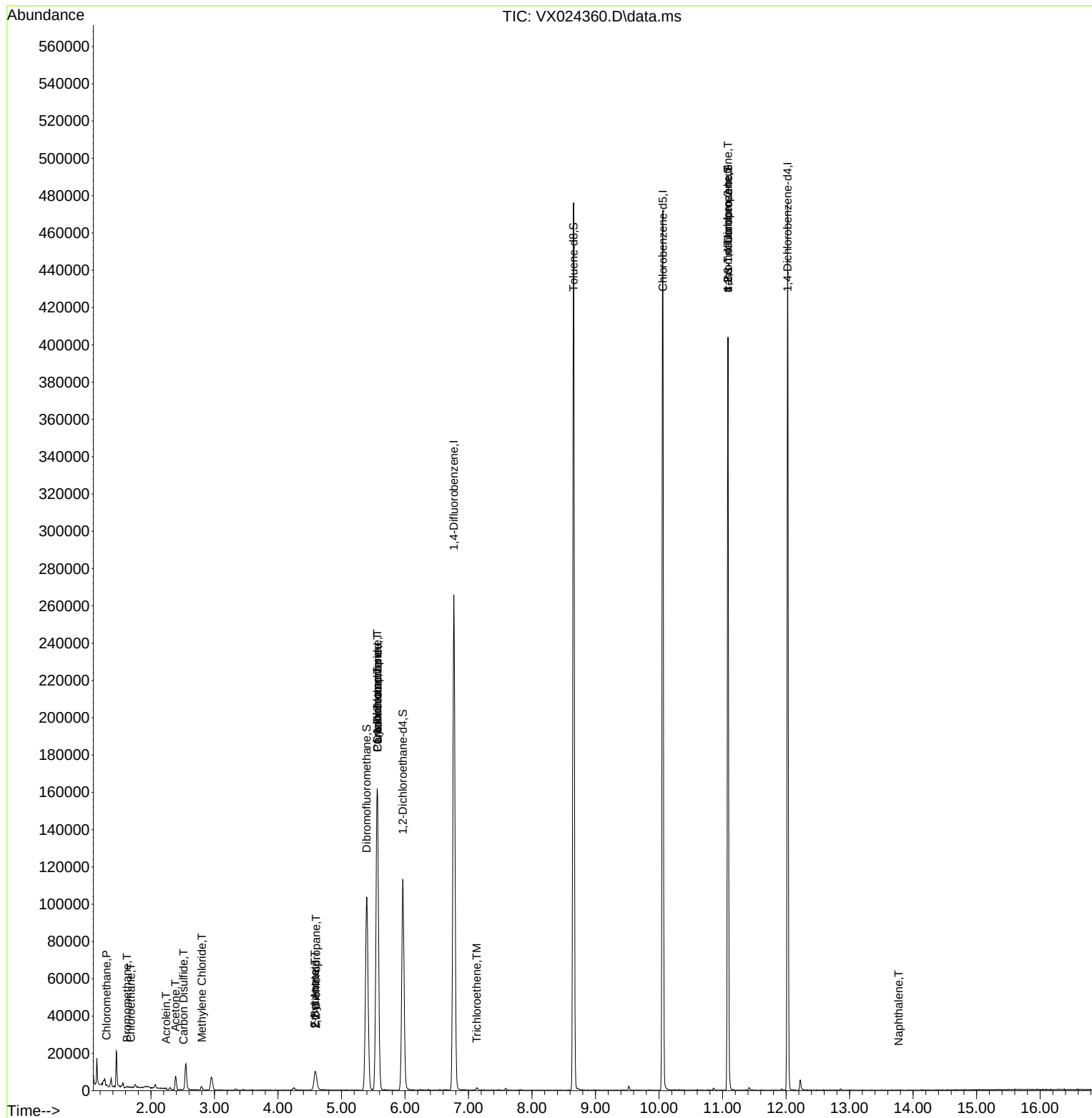
Internal Standards						
1) Pentafluorobenzene	5.568	168	151581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	264351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	215554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111579	51.621	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.240%			
35) Dibromofluoromethane	5.397	113	88820	50.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.200%			
50) Toluene-d8	8.653	98	275485	42.655	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 85.320%#			
62) 4-Bromofluorobenzene	11.085	95	99165	39.455	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 78.900%#			
Target Compounds			Qvalue			
3) Chloromethane	1.301	50	445	0.292	ug/l #	84
5) Bromomethane	1.624	94	373	0.414	ug/l #	44
6) Chloroethane	1.685	64	175	2.138	ug/l #	43
11) Tert butyl alcohol	2.953	59	4876	Below Cal	#	75
13) Acrolein	2.239	56	31	0.218	ug/l #	29
16) Acetone	2.386	43	7631	8.280	ug/l	99
17) Carbon Disulfide	2.514	76	721	0.206	ug/l #	86
20) Methylene Chloride	2.800	84	953	0.538	ug/l	89
25) 2-Butanone	4.580	43	1728	1.273	ug/l #	78
26) 2,2-Dichloropropane	4.599	77	873	0.340	ug/l #	52
31) Cyclohexane	5.562	56	3108	1.229	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12048	4.957	ug/l #	49
37) Ethyl Acetate	4.580	43	1728	0.610	ug/l #	78
38) Carbon Tetrachloride	5.568	117	16109	5.889	ug/l #	15
44) Trichloroethene	7.129	130	603	0.308	ug/l	79
76) 1,2,3-Trichloropropane	11.085	75	54781	25.714	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54781	75.624	ug/l #	12
95) Naphthalene	13.774	128	65	1.297	ug/l #	69

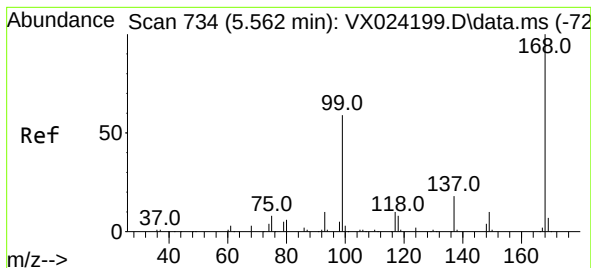
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX024360.D

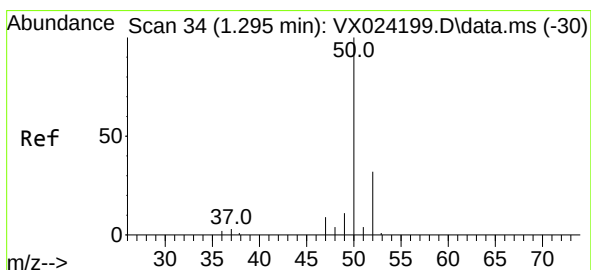
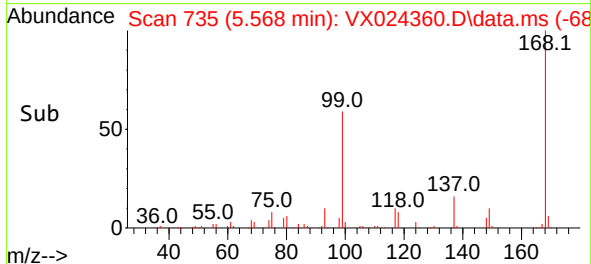
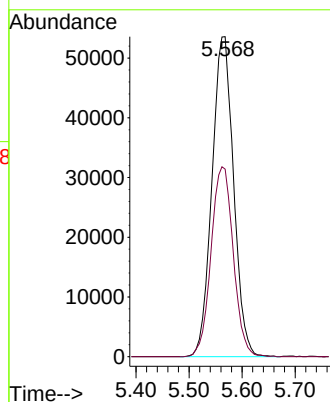
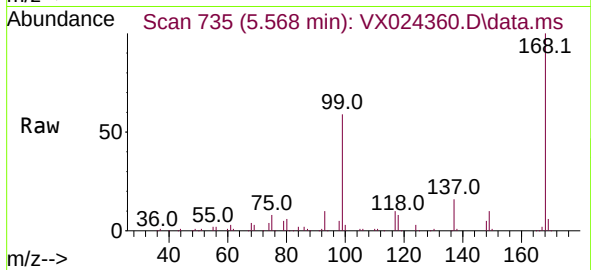
Acq: 20 Sep 2021 18:50

Tgt Ion:168 Resp: 151581

Ion Ratio Lower Upper

168 100

99 58.6 45.8 68.6



#3

Chloromethane

Concen: 0.292 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX024360.D

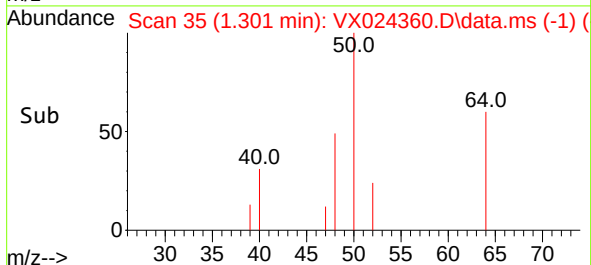
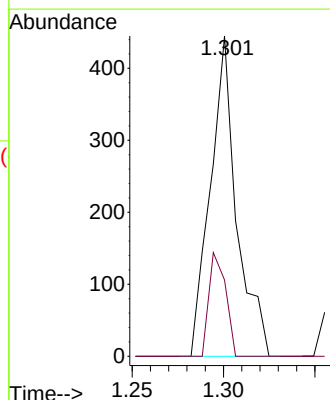
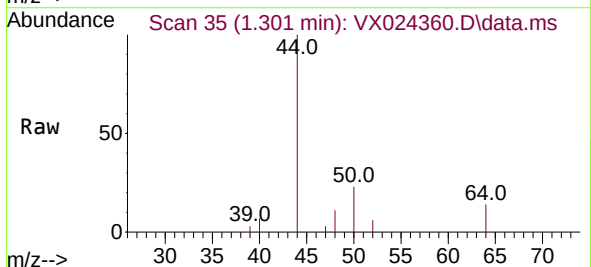
Acq: 20 Sep 2021 18:50

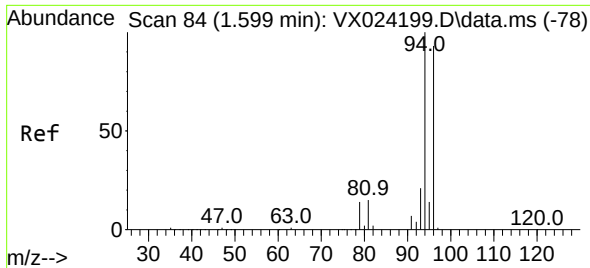
Tgt Ion: 50 Resp: 445

Ion Ratio Lower Upper

50 100

52 23.8 26.4 39.6#

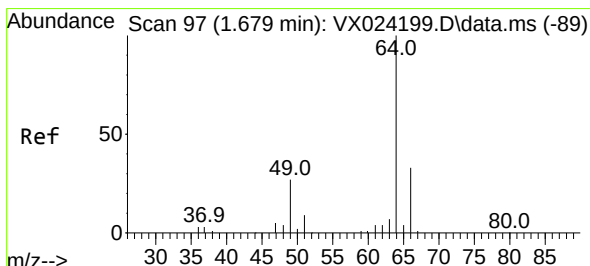
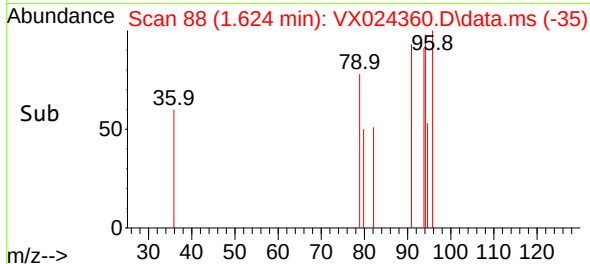
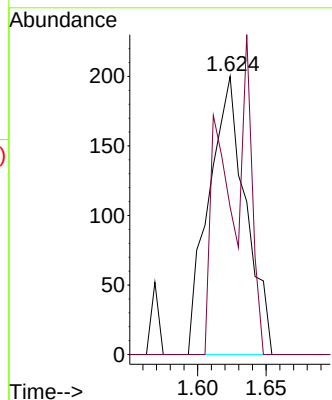
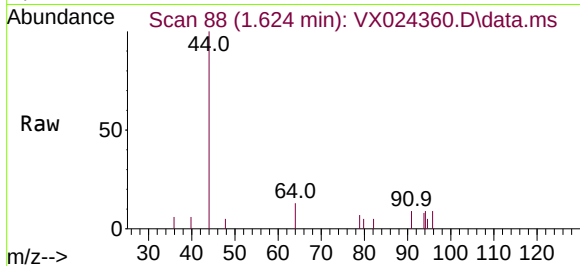




#5
Bromomethane
Concen: 0.414 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

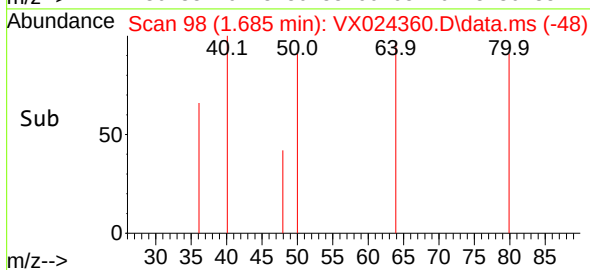
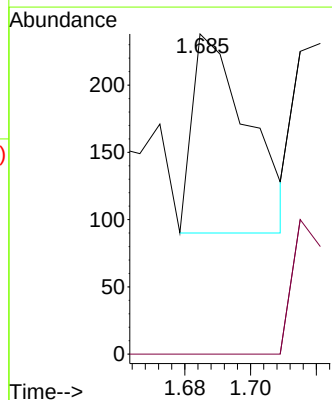
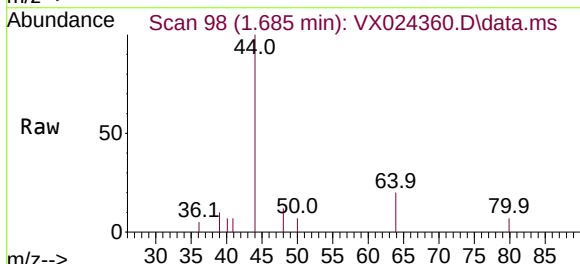
Instrument :
MSVOA_X
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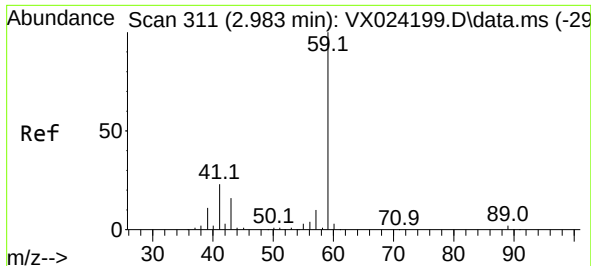
Tgt Ion: 94 Resp: 373
Ion Ratio Lower Upper
94 100
96 41.4 76.4 114.6#



#6
Chloroethane
Concen: 2.138 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Tgt Ion: 64 Resp: 175
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



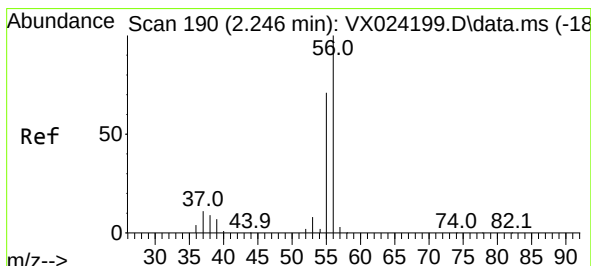
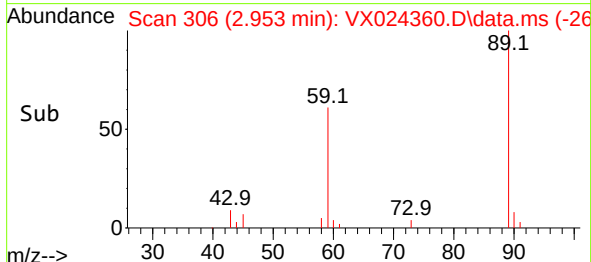
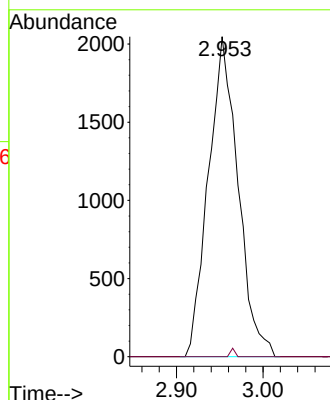
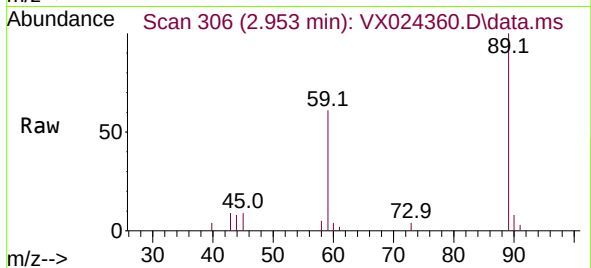


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-860-862

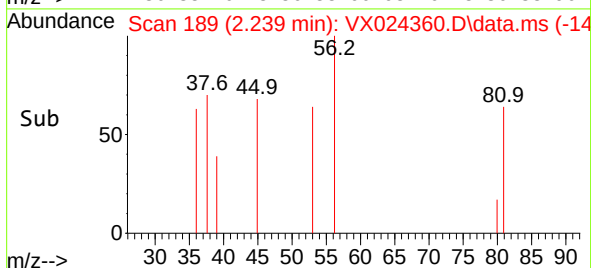
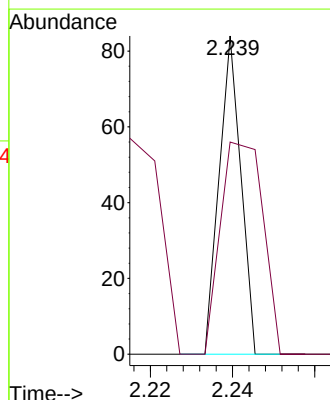
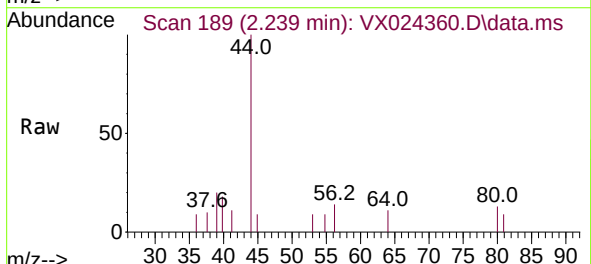
Tgt Ion: 59 Resp: 4876
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.8#

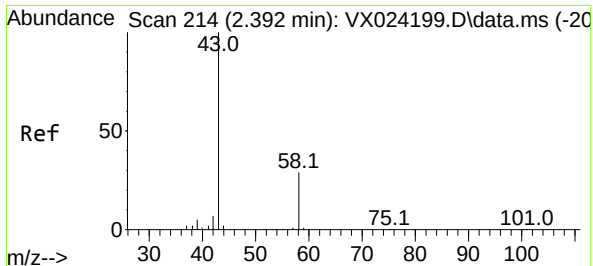


#13

Acrolein
Concen: 0.218 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.007 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 129.0 56.4 84.6#

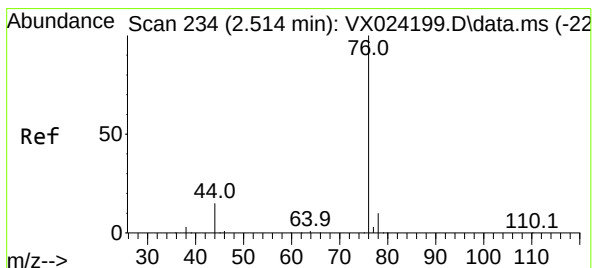
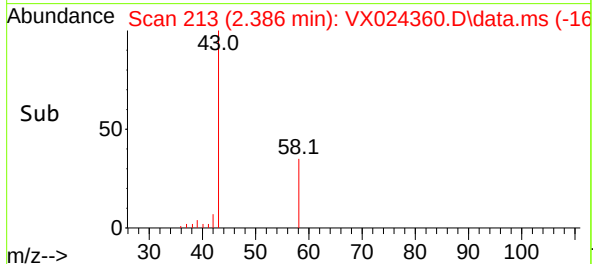
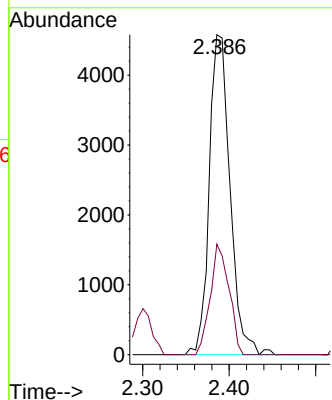
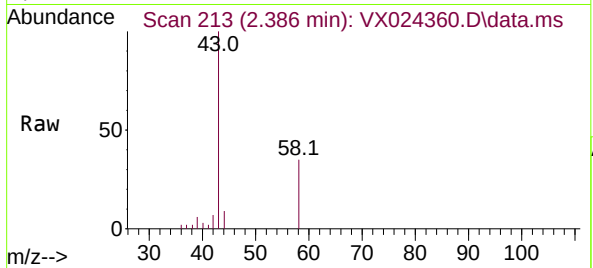




#16
Acetone
Concen: 8.280 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

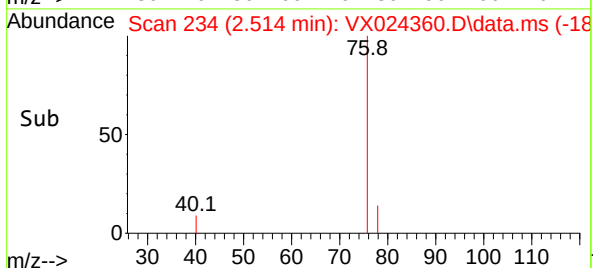
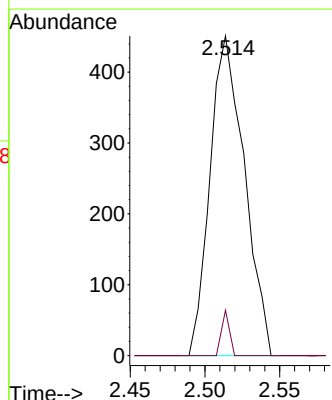
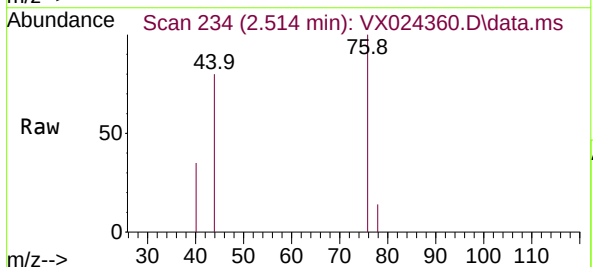
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-860-862

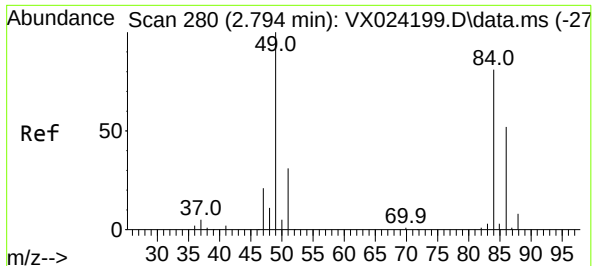
Tgt Ion: 43 Resp: 7631
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Tgt Ion: 76 Resp: 721
Ion Ratio Lower Upper
76 100
78 14.2 7.2 10.8#

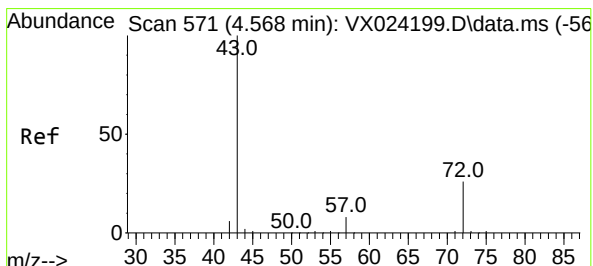
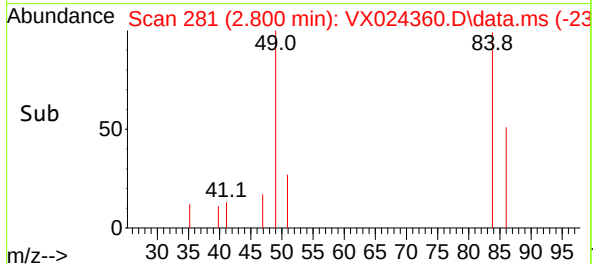
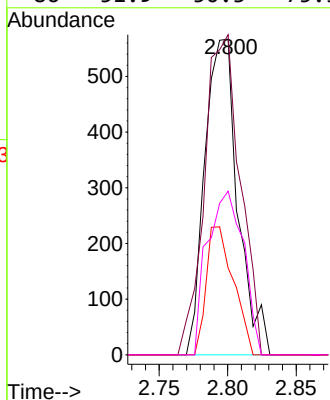
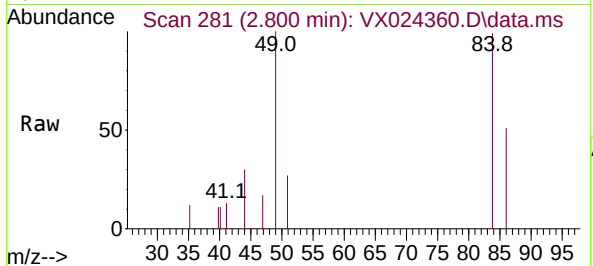




#20
Methylene Chloride
Concen: 0.538 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

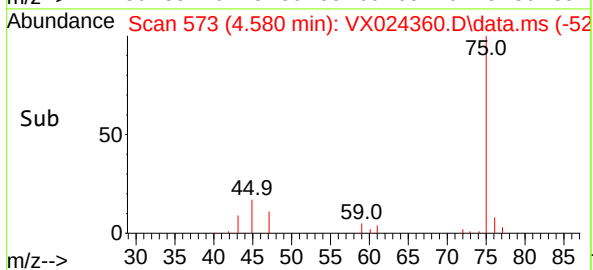
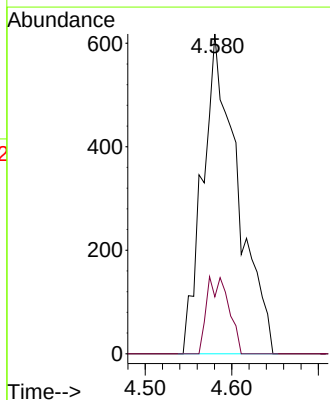
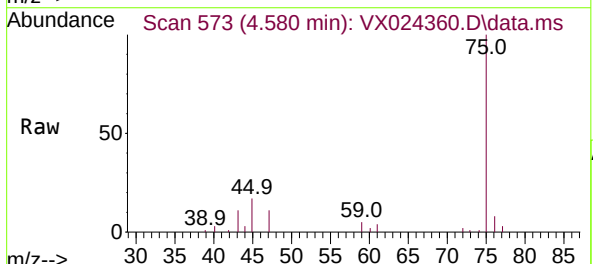
Instrument :
MSVOA_X
ClientSampleId :
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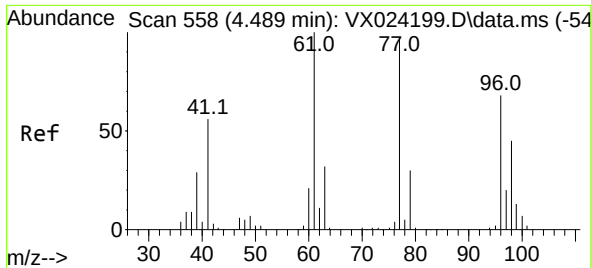
Tgt Ion: 84	Resp: 953
Ion Ratio	Lower Upper
84 100	
49 101.4	88.6 132.8
51 27.5	27.0 40.6
86 51.9	50.3 75.5



#25
2-Butanone
Concen: 1.273 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Tgt Ion: 43	Resp: 1728
Ion Ratio	Lower Upper
43 100	
72 17.8	23.7 35.5#

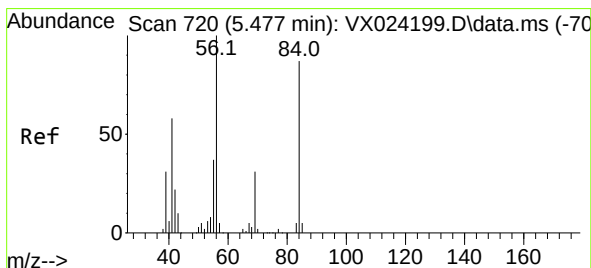
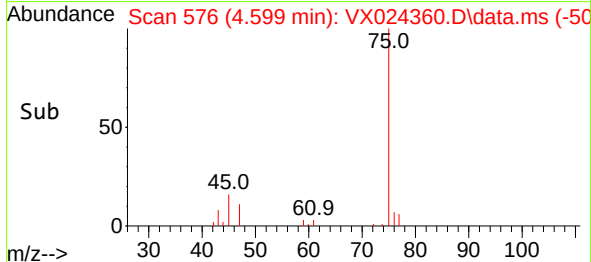
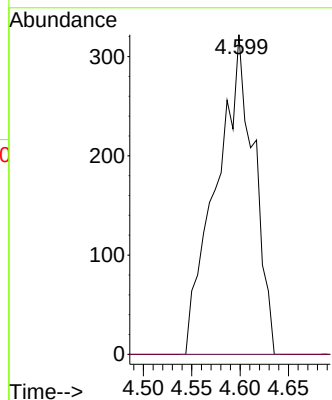
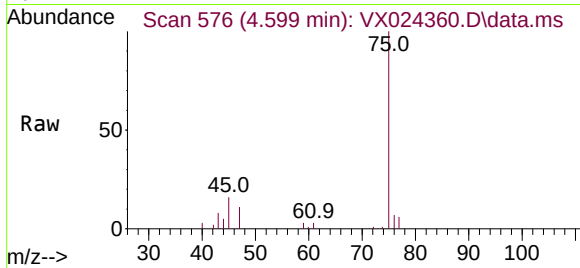




#26
2,2-Dichloropropane
Concen: 0.340 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.110 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

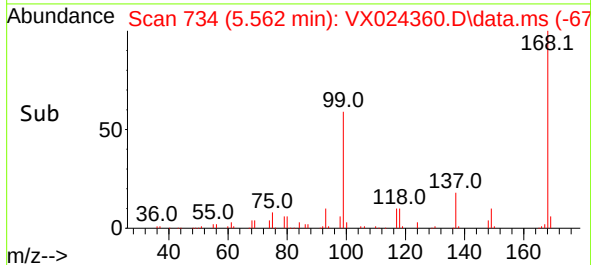
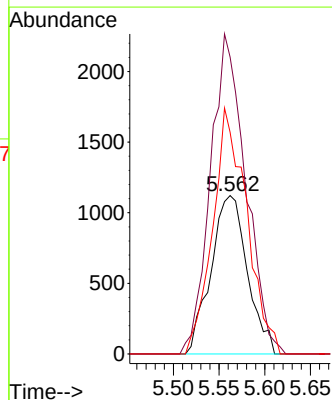
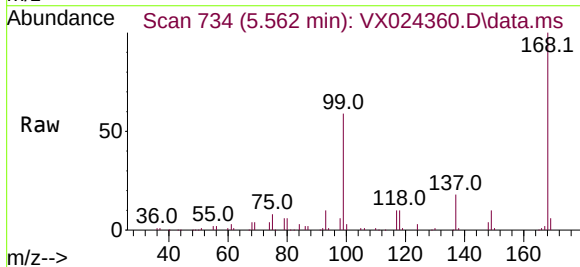
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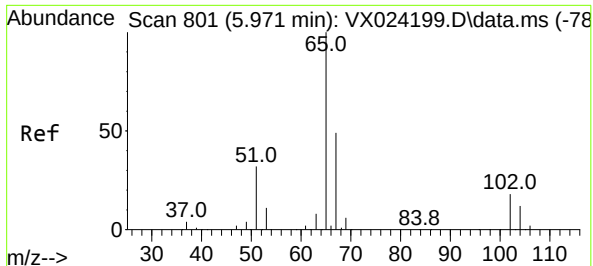
Tgt Ion: 77 Resp: 873
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Tgt Ion: 56 Resp: 3108
Ion Ratio Lower Upper
56 100
69 187.3 25.3 37.9#
84 139.8 71.4 107.0#

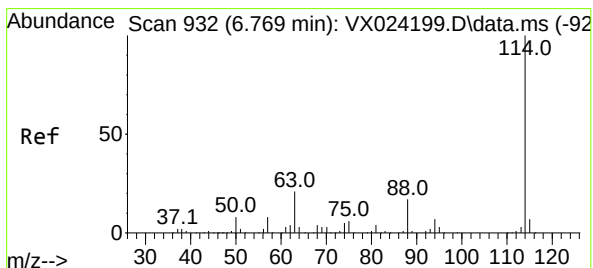
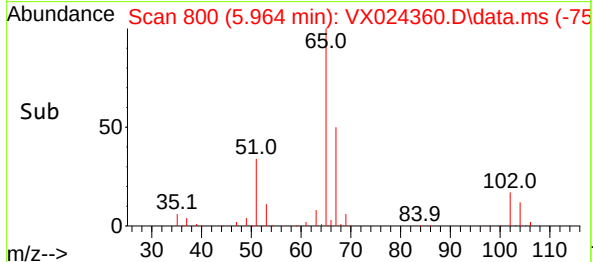
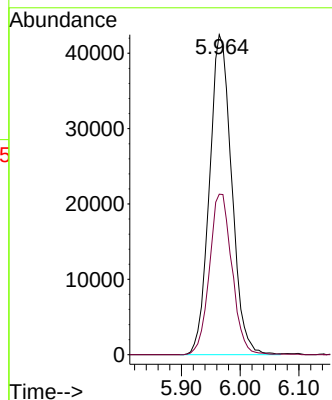
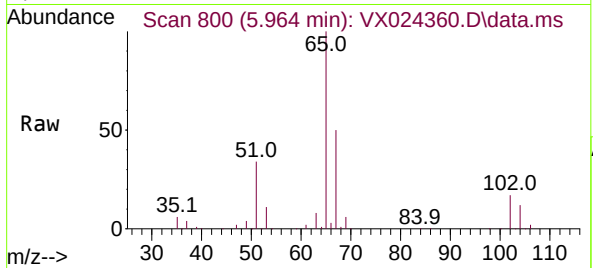




#33
1,2-Dichloroethane-d4
Concen: 51.621 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

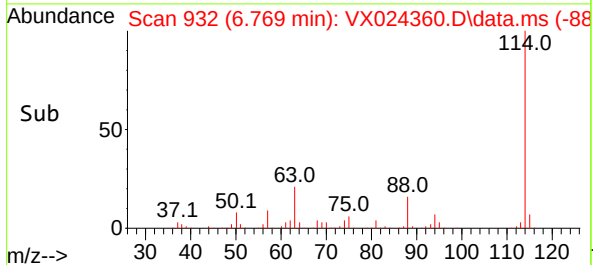
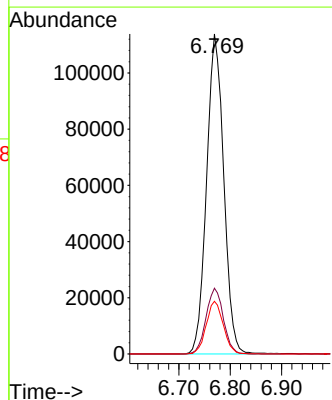
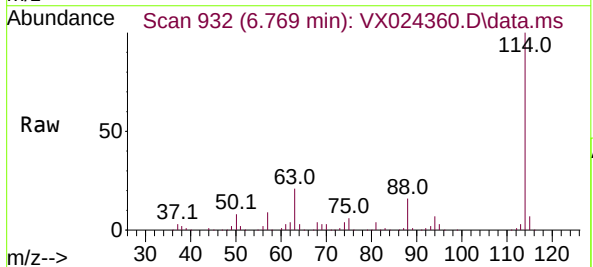
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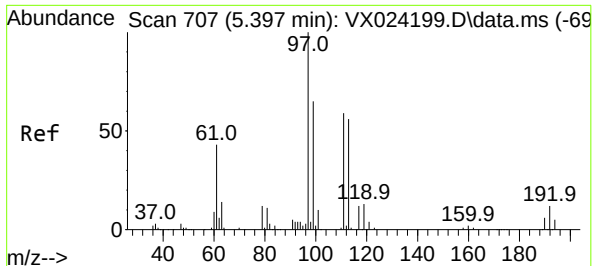
Tgt Ion: 65 Resp: 111579
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Tgt Ion:114 Resp: 264351
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.4 0.0 32.8

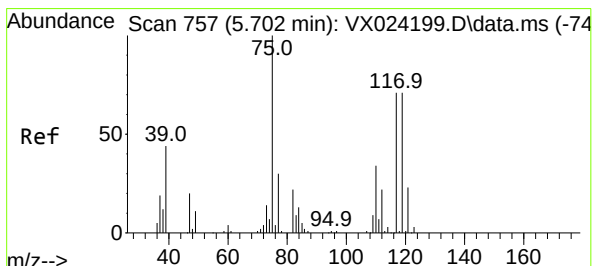
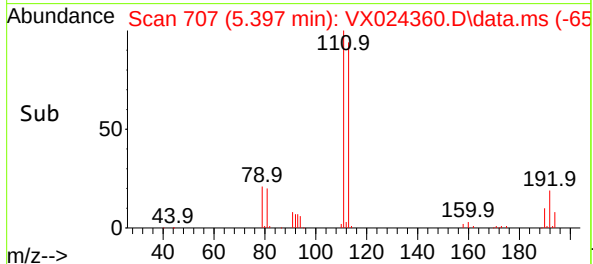
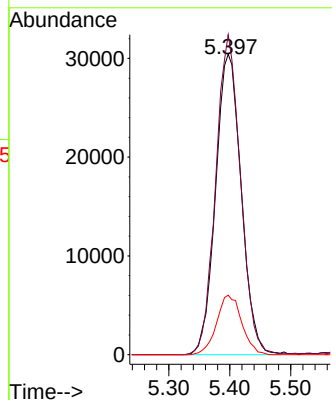
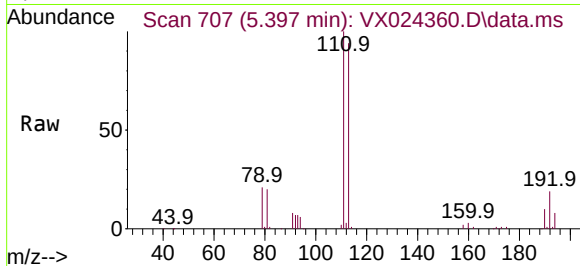




#35
Dibromofluoromethane
Concen: 50.100 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

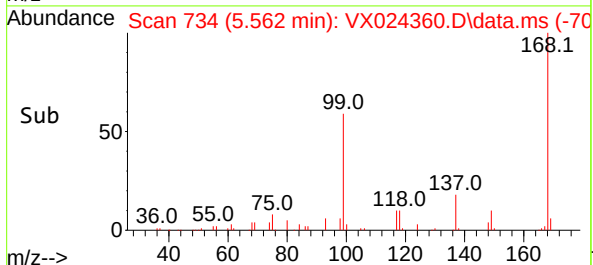
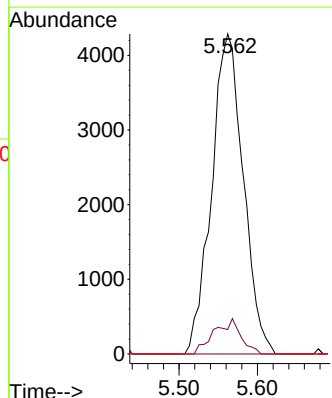
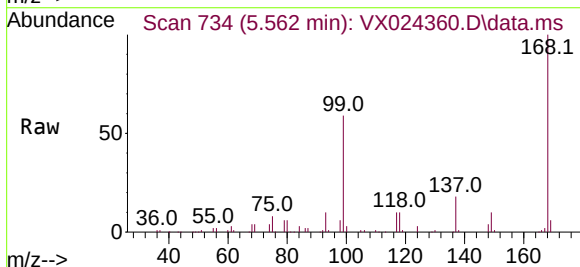
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-860-862

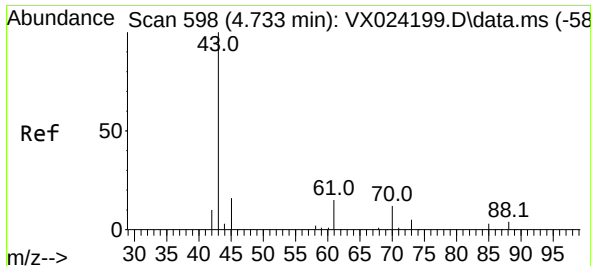
Tgt Ion:113 Resp: 88820
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.957 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Tgt Ion: 75 Resp: 12048
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.610 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.153 min

Lab File: VX024360.D

Acq: 20 Sep 2021 18:50

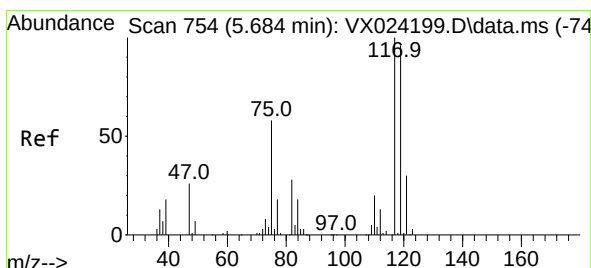
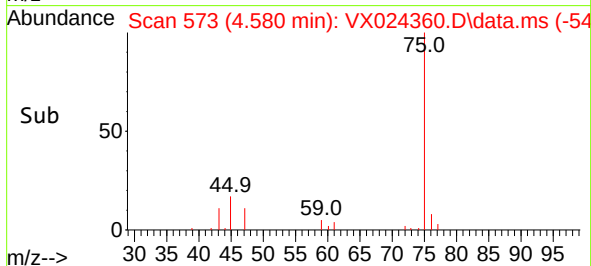
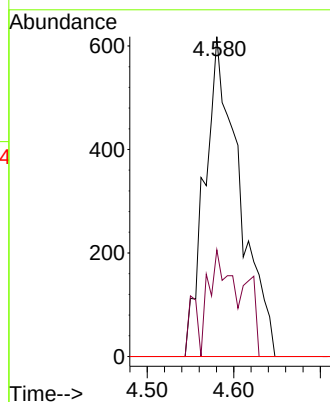
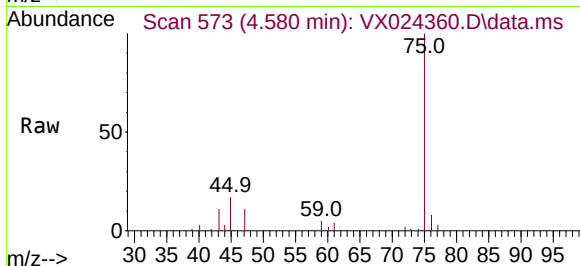
Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-GW-860-862

Tgt Ion: 43	Resp: 1728
Ion Ratio	Lower Upper
43 100	
61 21.9	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 5.889 ug/l

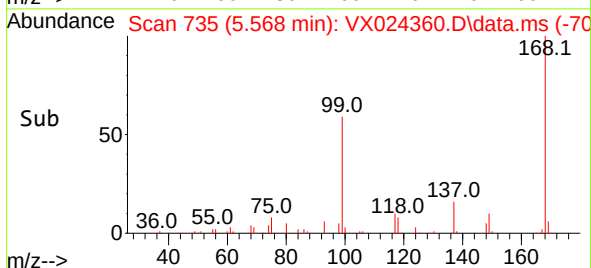
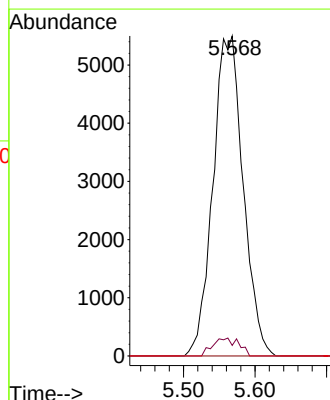
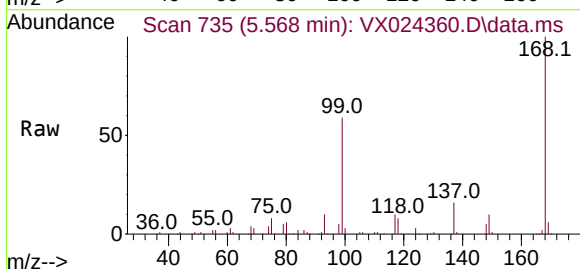
RT: 5.568 min Scan# 735

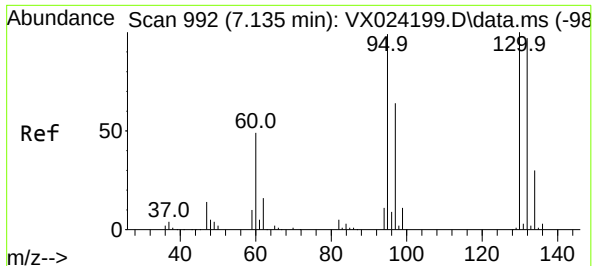
Delta R.T. -0.116 min

Lab File: VX024360.D

Acq: 20 Sep 2021 18:50

Tgt Ion: 117	Resp: 16109
Ion Ratio	Lower Upper
117 100	
119 3.3	76.2 114.2#
121 0.0	24.8 37.2#

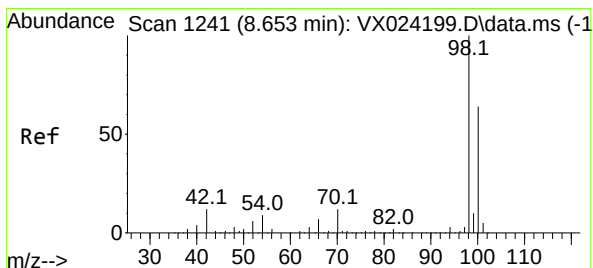
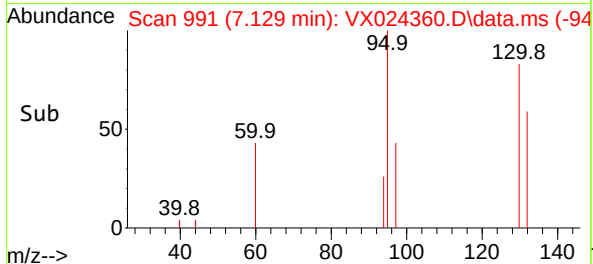
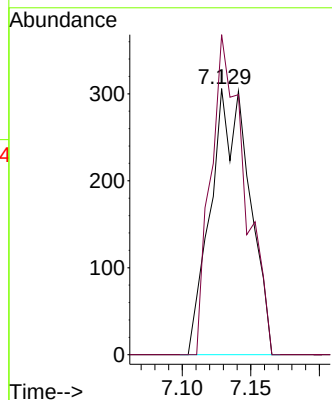
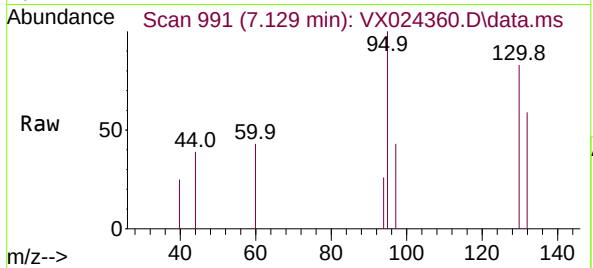




#44
Trichloroethene
Concen: 0.308 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

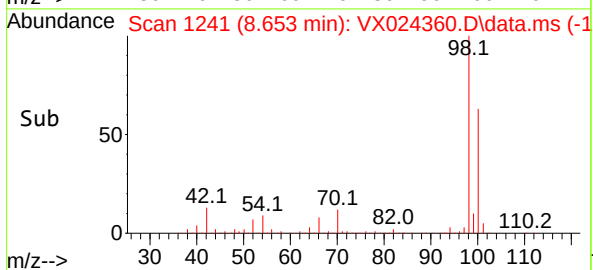
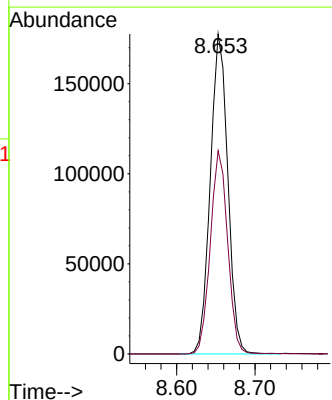
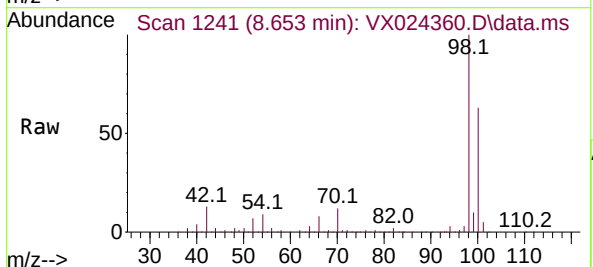
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-860-862

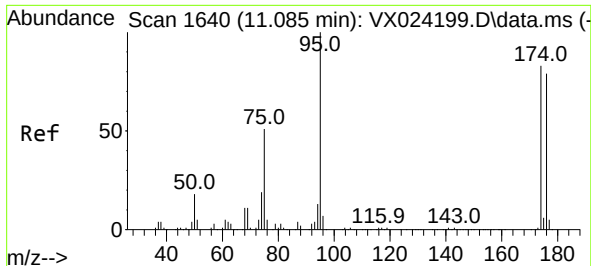
Tgt Ion:130 Resp: 603
Ion Ratio Lower Upper
130 100
95 120.3 0.0 198.0



#50
Toluene-d8
Concen: 42.655 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Tgt Ion: 98 Resp: 275485
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9

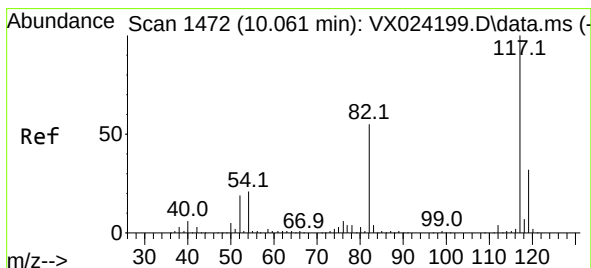
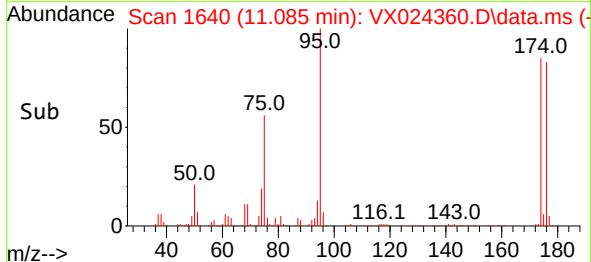
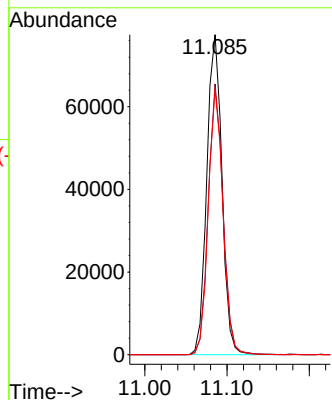
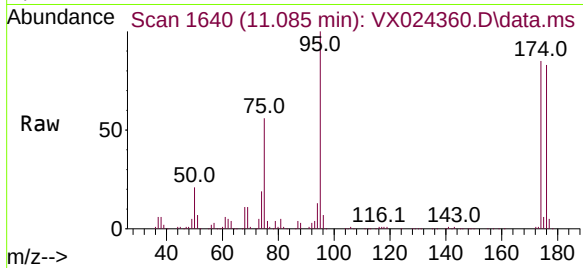




#62
4-Bromofluorobenzene
Concen: 39.455 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

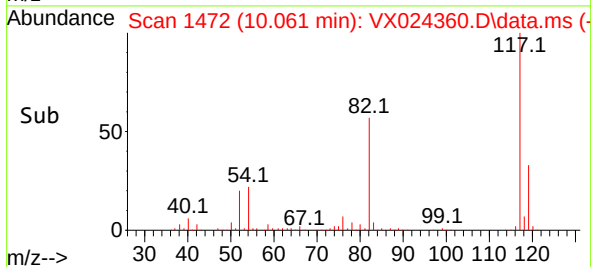
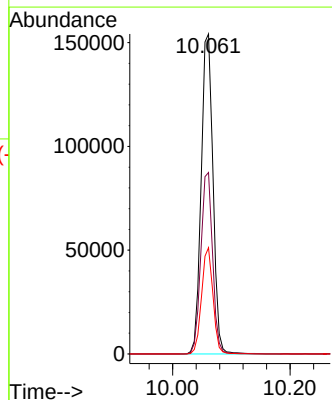
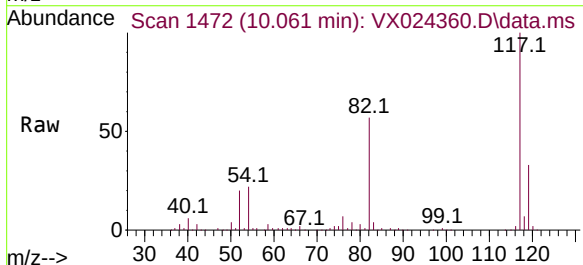
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-860-862

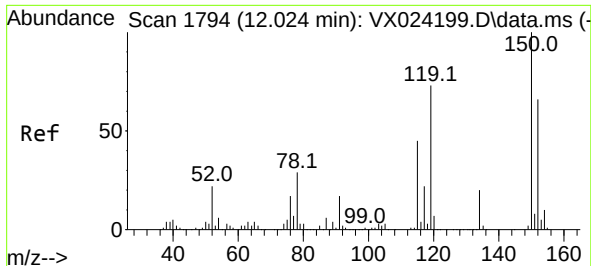
Tgt Ion: 95 Resp: 99165
Ion Ratio Lower Upper
95 100
174 82.7 0.0 154.6
176 80.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Tgt Ion: 117 Resp: 215554
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 33.2 26.6 39.8

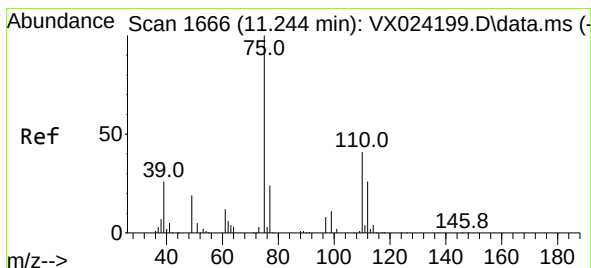
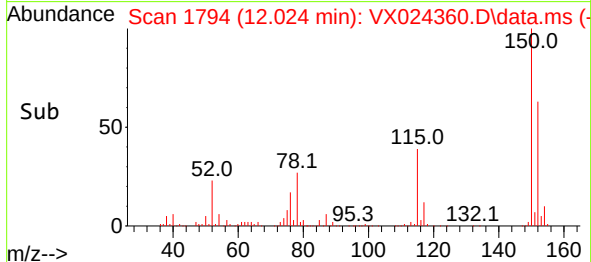
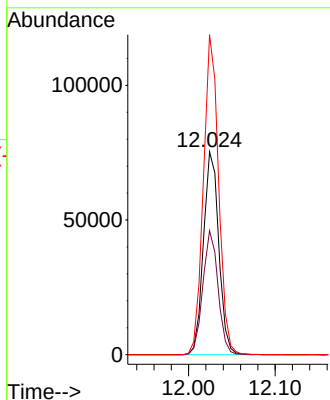
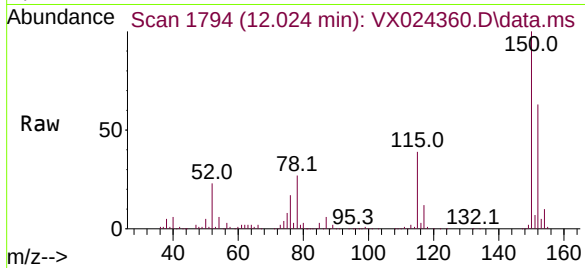




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024360.D
 Acq: 20 Sep 2021 18:50

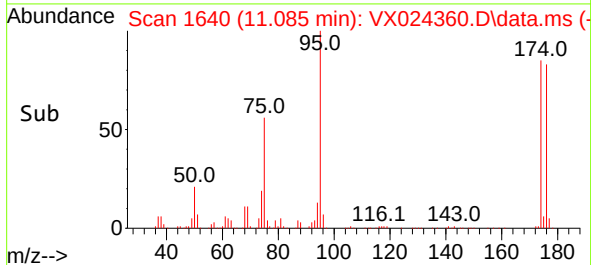
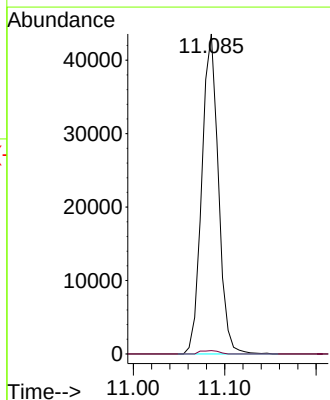
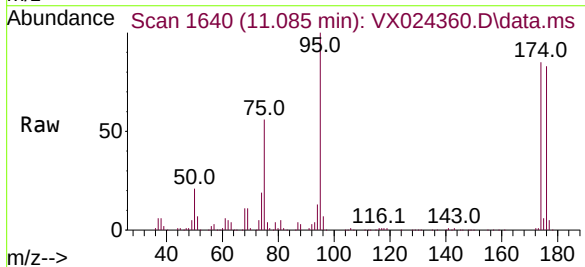
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-860-862

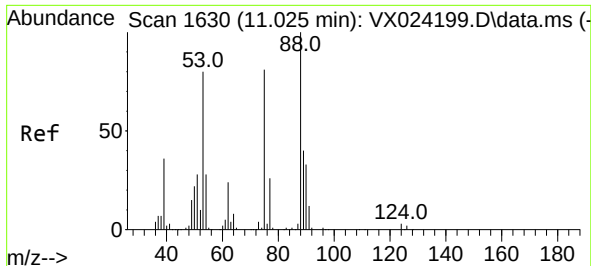
Tgt Ion:152 Resp: 92651
 Ion Ratio Lower Upper
 152 100
 115 60.6 41.1 123.3
 150 156.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.714 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024360.D
 Acq: 20 Sep 2021 18:50

Tgt Ion: 75 Resp: 54781
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

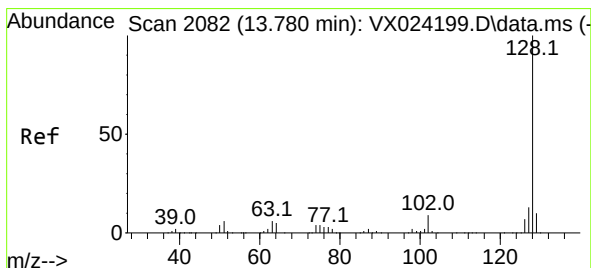
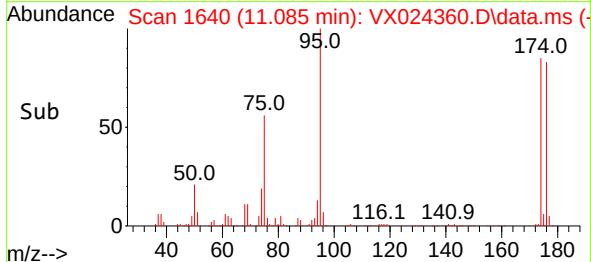
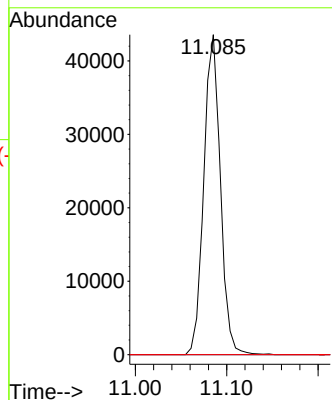
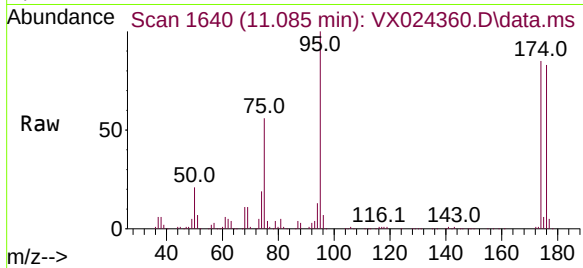




#81
trans-1,4-Dichloro-2-butene
Concen: 75.624 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-860-862

Tgt Ion: 75 Resp: 54781
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.297 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX024360.D
Acq: 20 Sep 2021 18:50

Tgt Ion: 128 Resp: 65
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

