

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024220.D
 Acq On : 14 Sep 2021 20:13
 Operator : JC/MD
 Sample : M3687-37
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-210909

Quant Time: Sep 15 01:59:01 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)

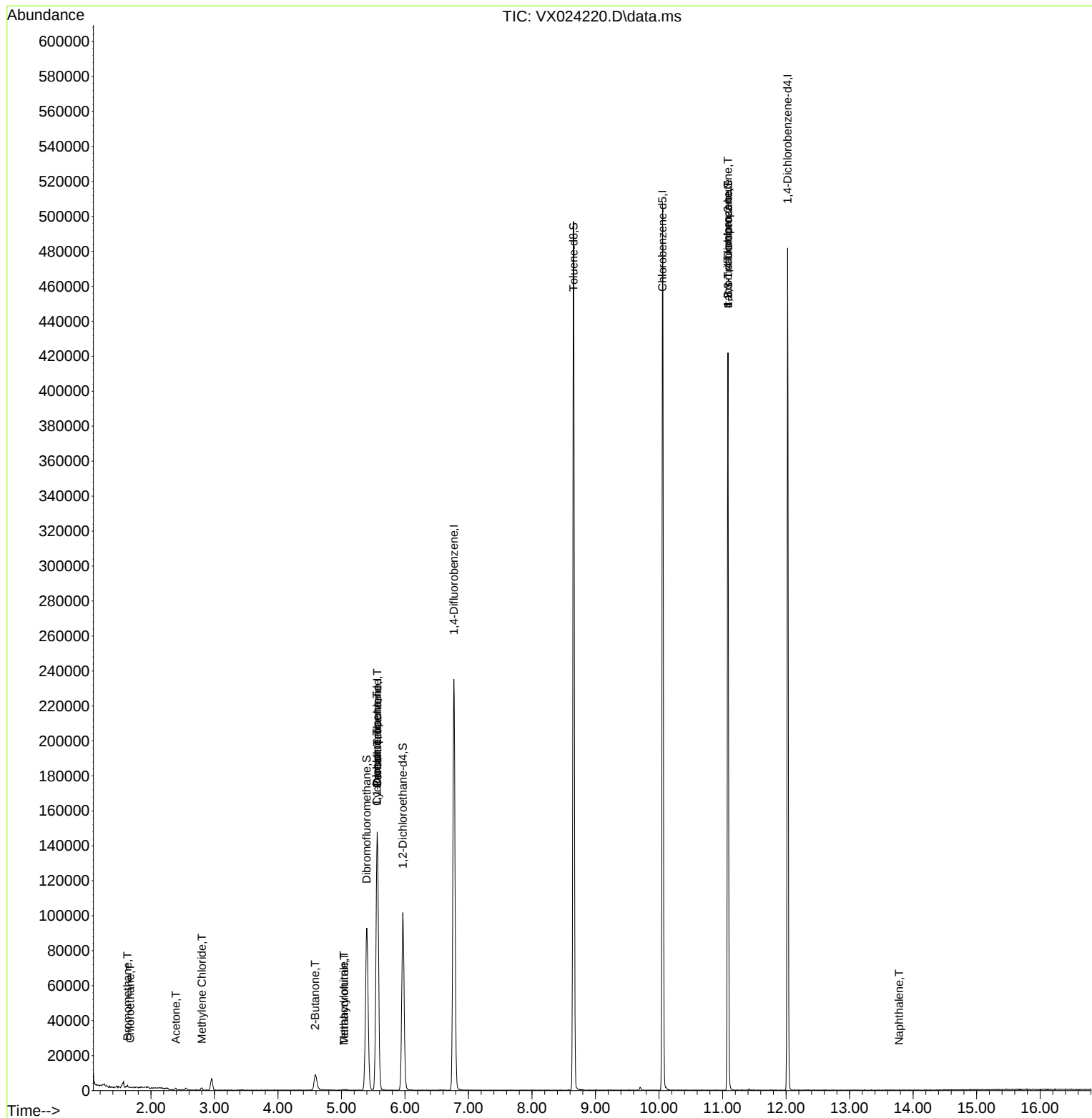
Internal Standards						
1) Pentafluorobenzene	5.562	168	136200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102146	52.594	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.180%			
35) Dibromofluoromethane	5.397	113	78472	50.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	8.653	98	285216	50.089	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.180%			
62) 4-Bromofluorobenzene	11.085	95	104886	47.332	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.660%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	619	0.764	ug/l	98
6) Chloroethane	1.672	64	198	2.173	ug/l #	43
11) Tert butyl alcohol	2.953	59	3971	Below Cal	#	73
16) Acetone	2.392	43	1134	1.369	ug/l	94
20) Methylene Chloride	2.800	84	627	0.394	ug/l #	89
25) 2-Butanone	4.587	43	675	0.553	ug/l	93
29) Tetrahydrofuran	5.044	42	368	0.482	ug/l #	34
31) Cyclohexane	5.556	56	2929	1.289	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	11031	5.148	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14252	5.909	ug/l #	17
41) Methacrylonitrile	5.038	41	341	0.256	ug/l #	27
76) 1,2,3-Trichloropropane	11.085	75	57008	26.070	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57008	76.673	ug/l #	12
95) Naphthalene	13.780	128	81	1.299	ug/l #	69

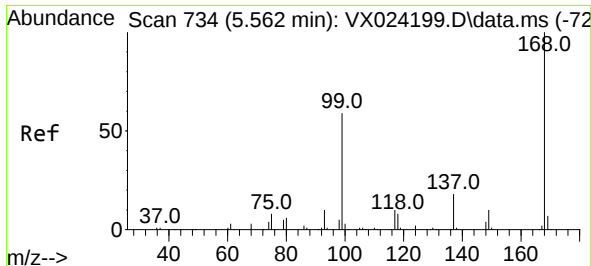
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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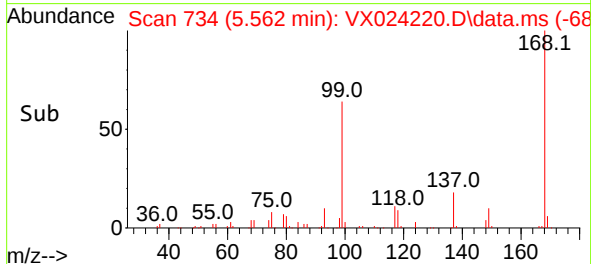
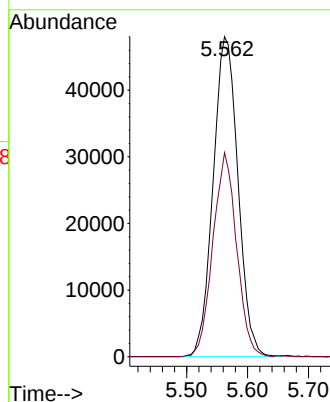
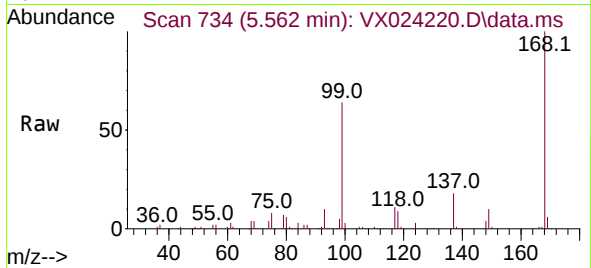




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

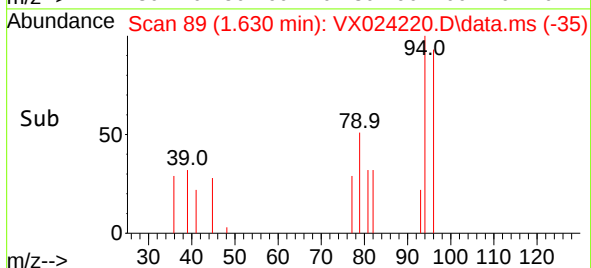
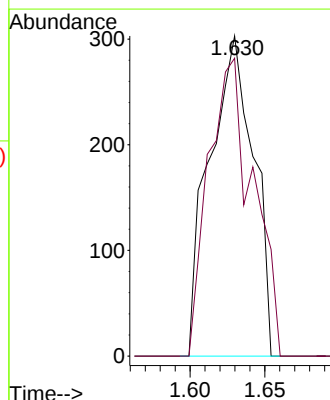
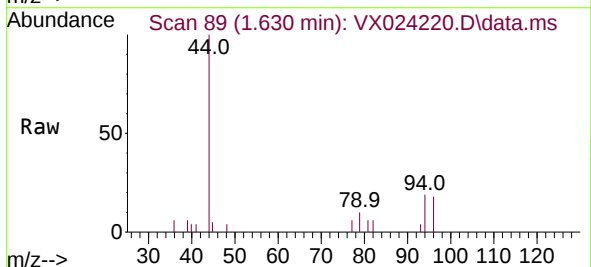
Instrument :
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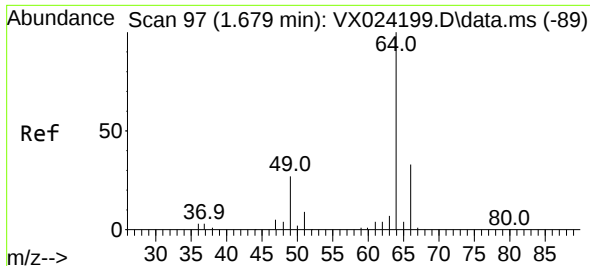
Tgt Ion:168 Resp: 136200
Ion Ratio Lower Upper
168 100
99 63.7 45.8 68.6



#5
Bromomethane
Concen: 0.764 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

Tgt Ion: 94 Resp: 619
Ion Ratio Lower Upper
94 100
96 93.1 76.4 114.6

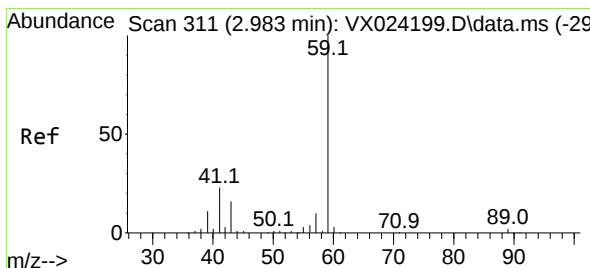
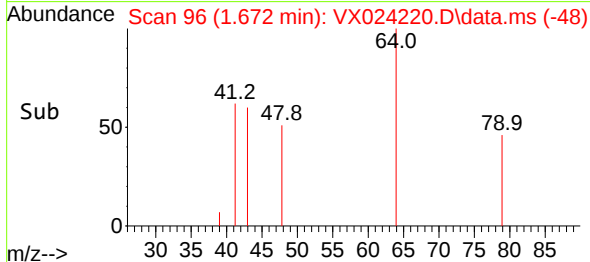
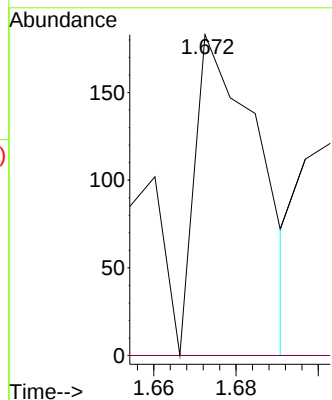
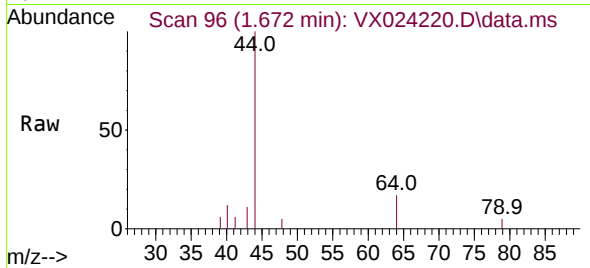




#6
Chloroethane
Concen: 2.173 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

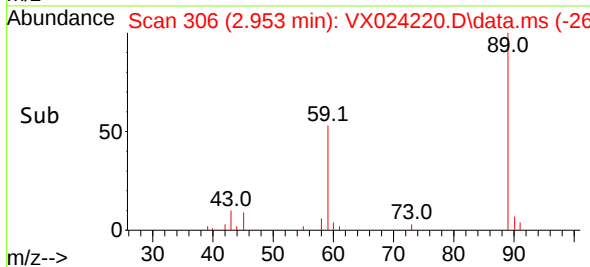
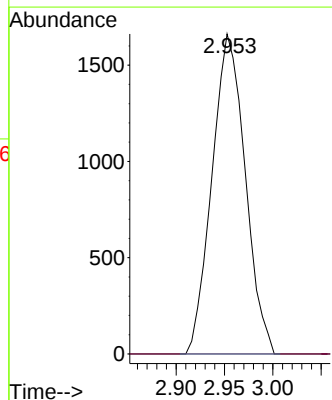
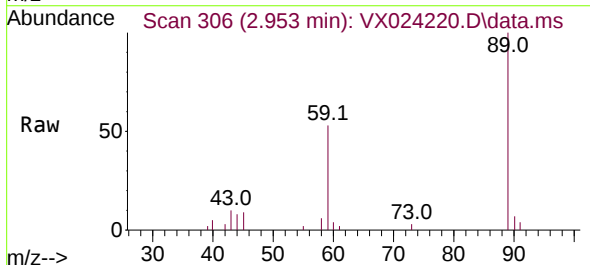
Instrument :
MSVOA_X
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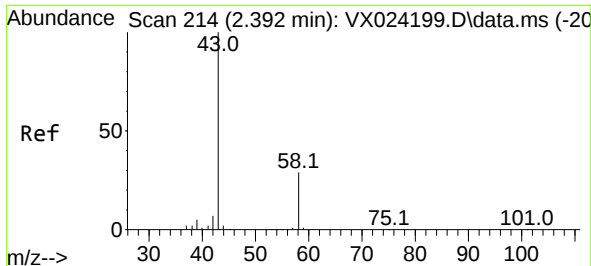
Tgt Ion: 64 Resp: 198
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

Tgt Ion: 59 Resp: 3971
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

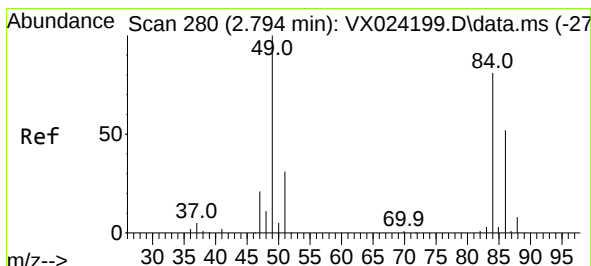
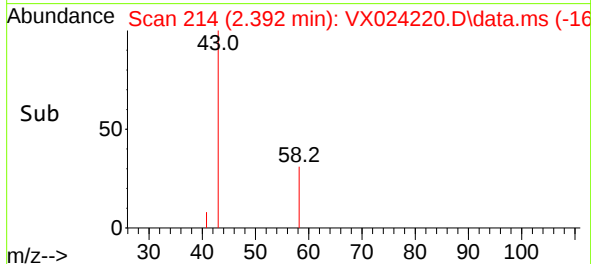
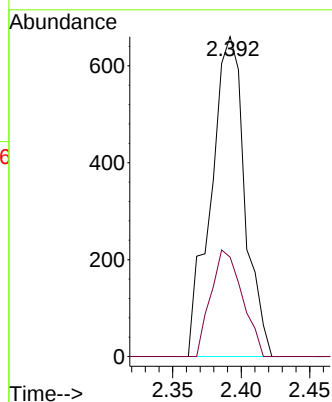
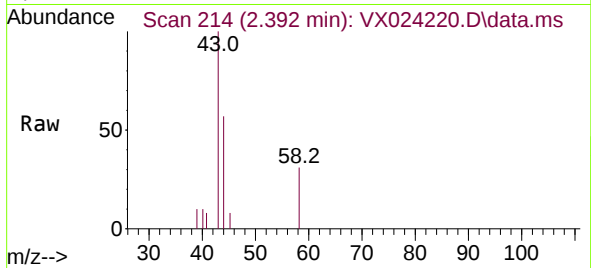




#16
Acetone
Concen: 1.369 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

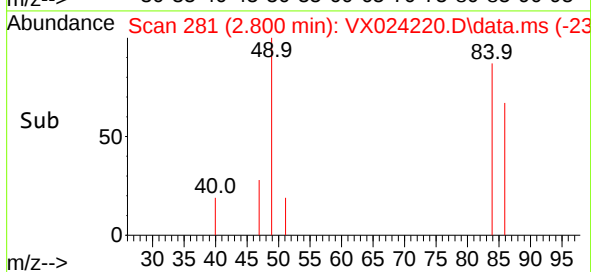
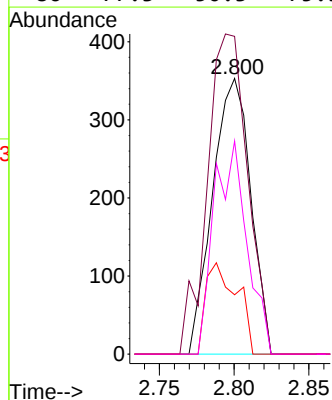
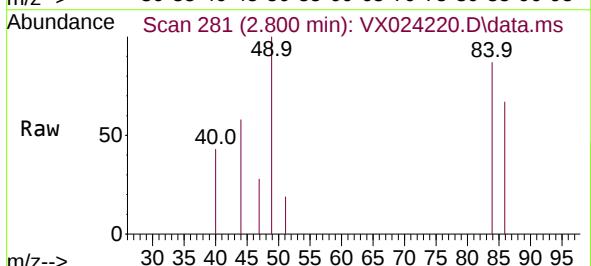
Instrument :
MSVOA_X
ClientSampleID :
TB-210909

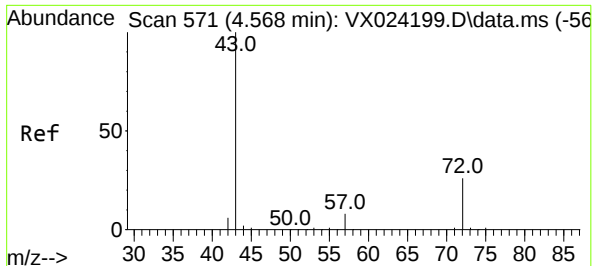
Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
58 31.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.394 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

Tgt Ion: 84 Resp: 627
Ion Ratio Lower Upper
84 100
49 115.3 88.6 132.8
51 21.5 27.0 40.6#
86 77.3 50.3 75.5#





#25

2-Butanone

Concen: 0.553 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX024220.D

Acq: 14 Sep 2021 20:13

Tgt Ion: 43 Resp: 675

Ion Ratio Lower Upper

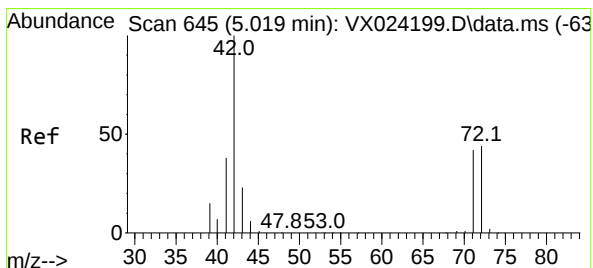
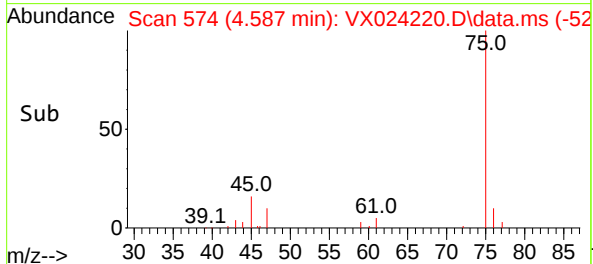
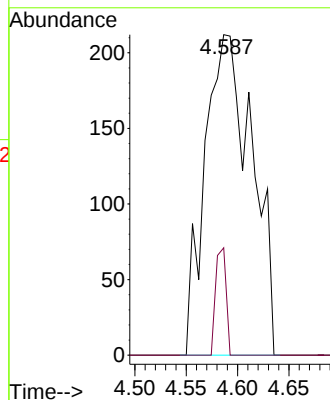
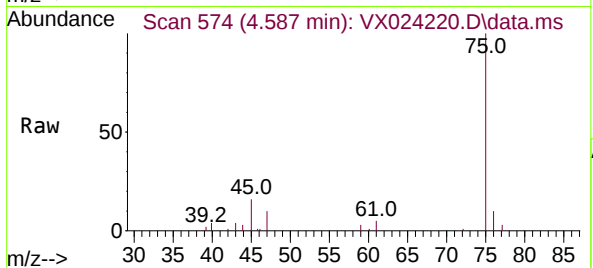
43	100		
72	33.5	23.7	35.5

Instrument :

MSVOA_X

ClientSampleId :

TB-210909



#29

Tetrahydrofuran

Concen: 0.482 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.025 min

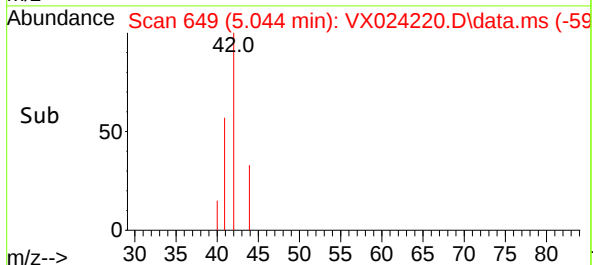
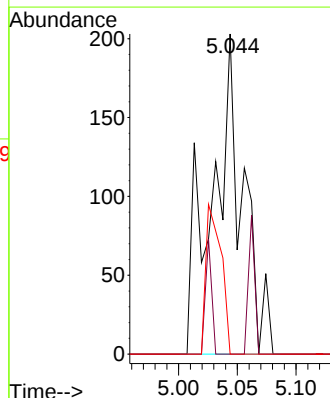
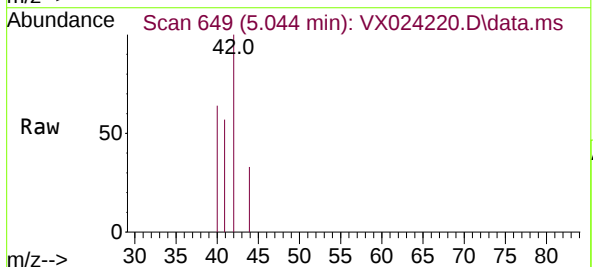
Lab File: VX024220.D

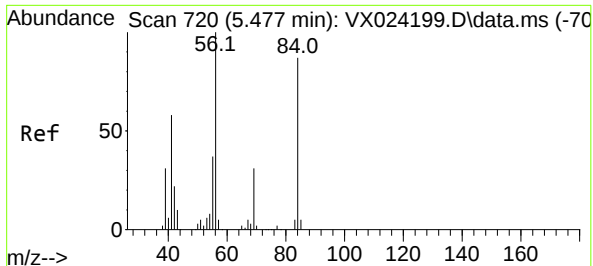
Acq: 14 Sep 2021 20:13

Tgt Ion: 42 Resp: 368

Ion Ratio Lower Upper

42	100		
72	8.7	41.7	62.5#
71	0.0	38.4	57.6#

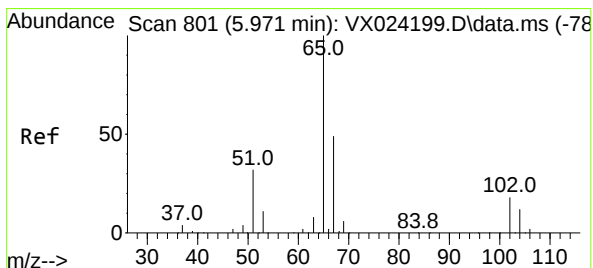
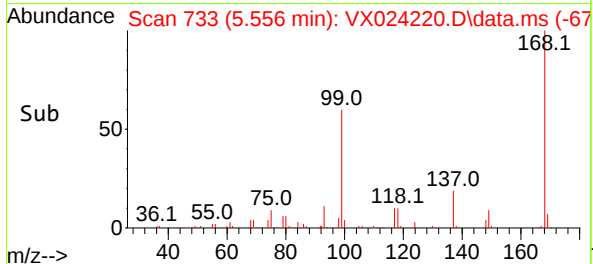
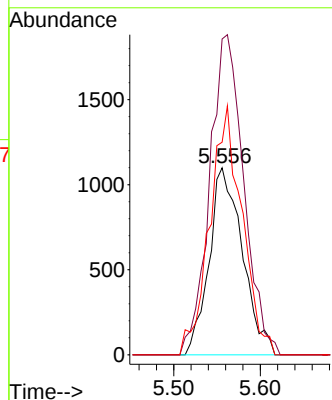
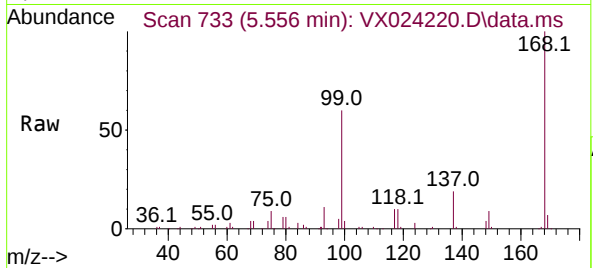




#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

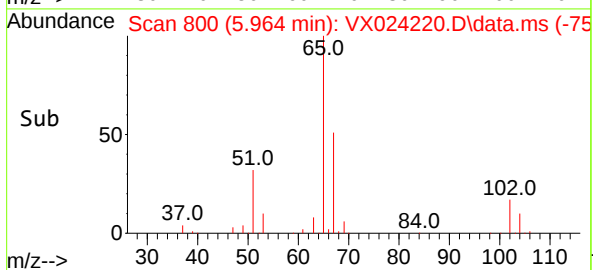
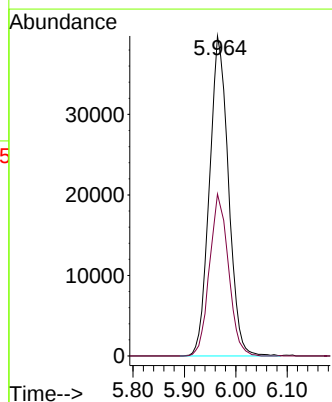
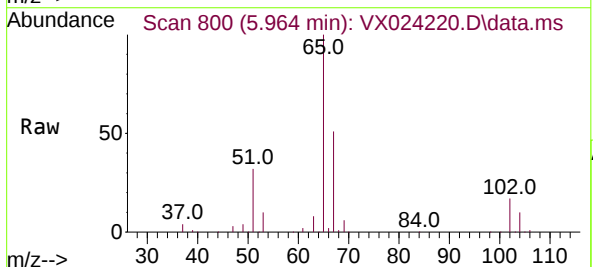
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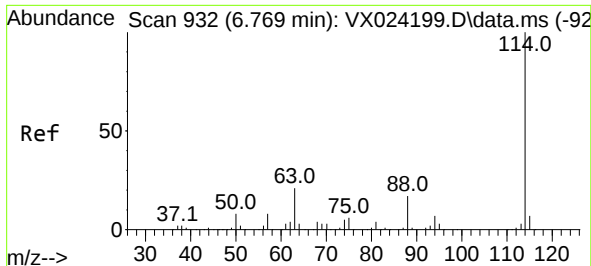
Tgt Ion: 56 Resp: 2929
Ion Ratio Lower Upper
56 100
69 169.0 25.3 37.9#
84 113.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.594 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

Tgt Ion: 65 Resp: 102146
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

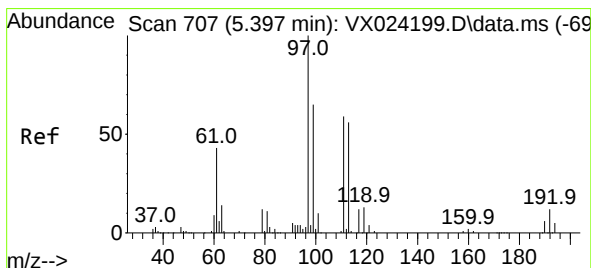
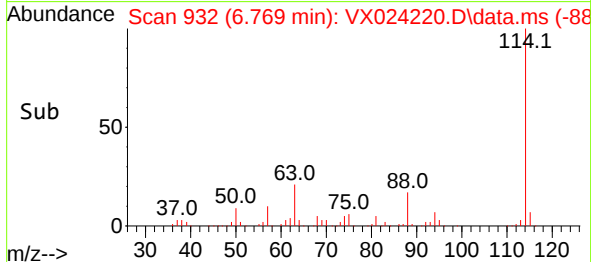
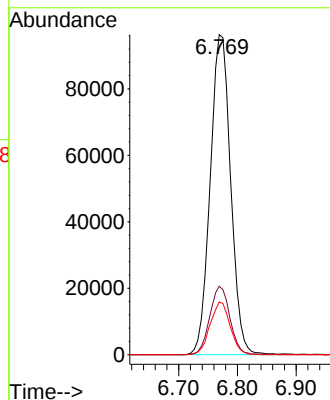
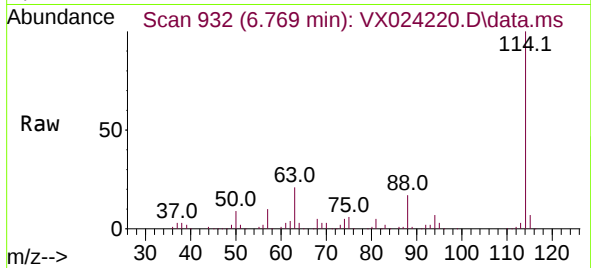




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

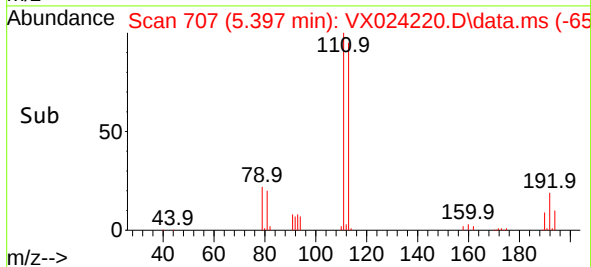
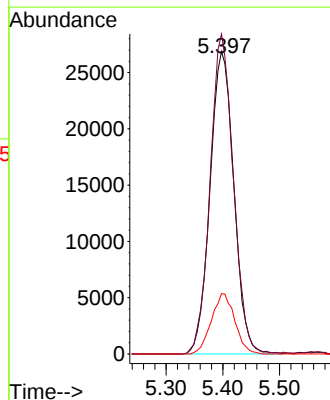
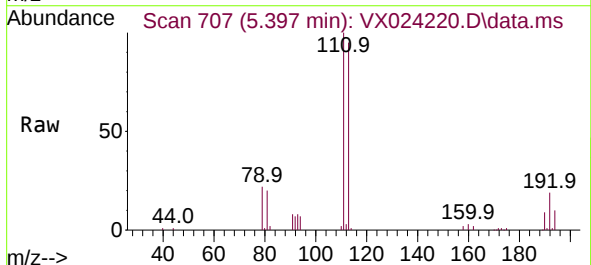
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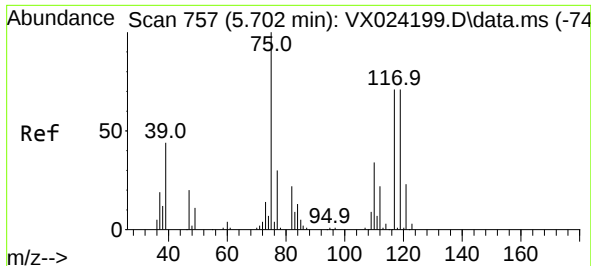
Tgt Ion:114 Resp: 233068
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.204 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

Tgt Ion:113 Resp: 78472
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.6 16.7 25.1

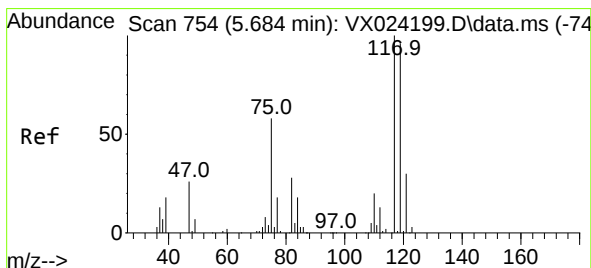
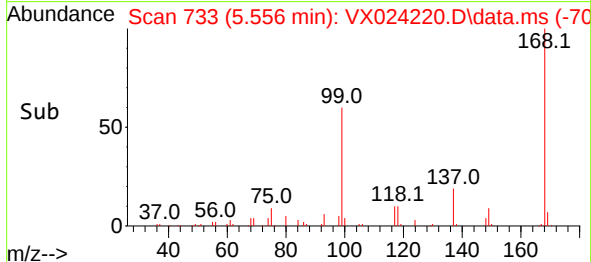
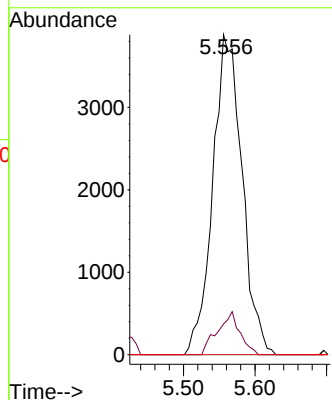
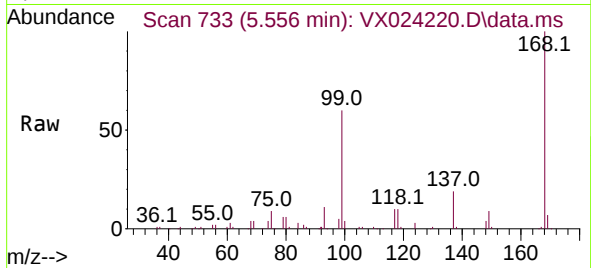




#36
1,1-Dichloropropene
Concen: 5.148 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

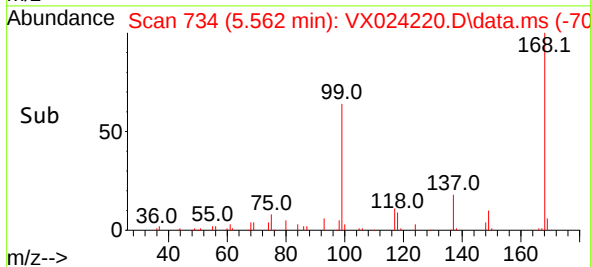
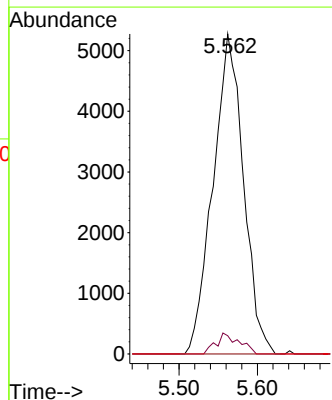
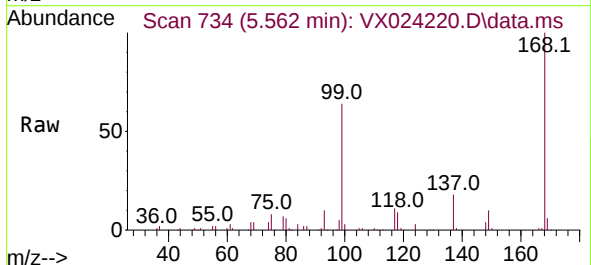
Instrument :
MSVOA_X
ClientSampled :
TB-210909

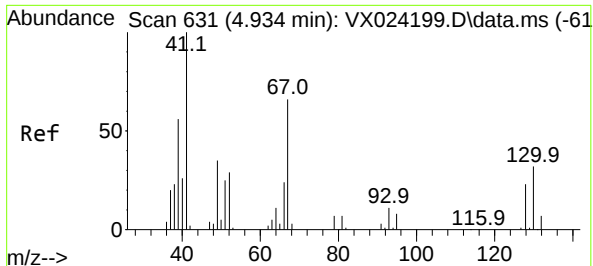
Tgt Ion: 75 Resp: 11031
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.909 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

Tgt Ion: 117 Resp: 14252
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

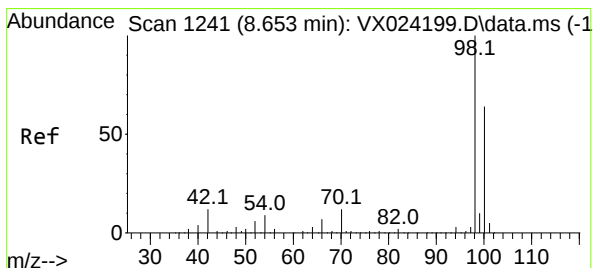
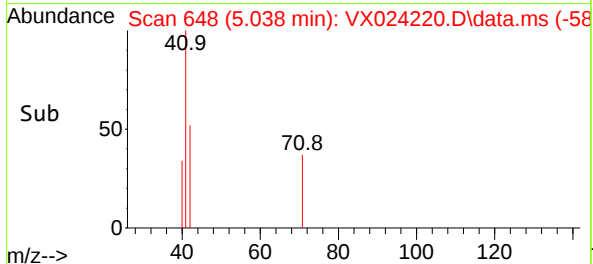
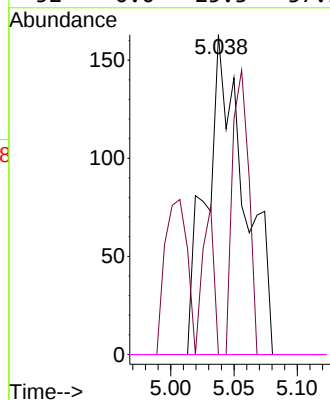
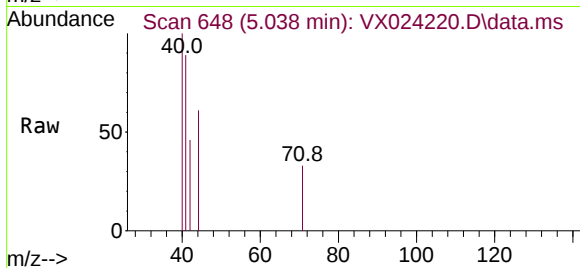




#41
Methacrylonitrile
Concen: 0.256 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.104 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

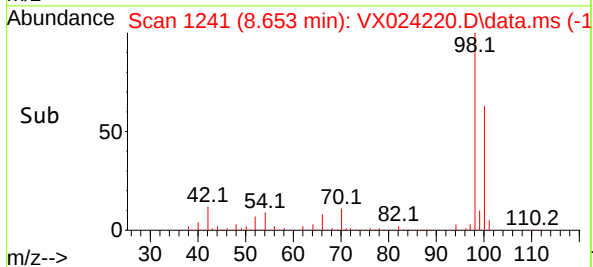
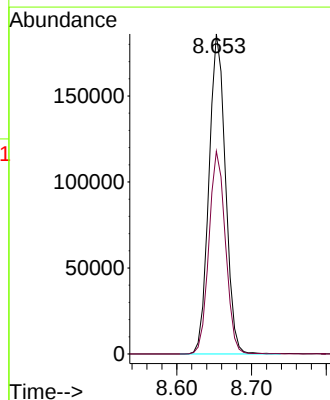
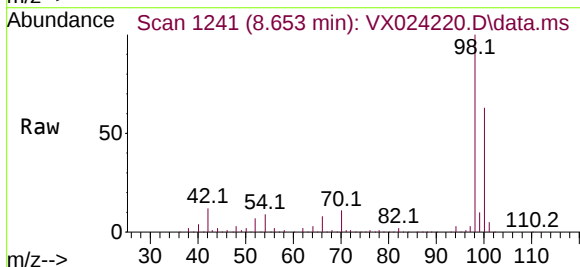
Instrument :
MSVOA_X
ClientSampled :
TB-210909

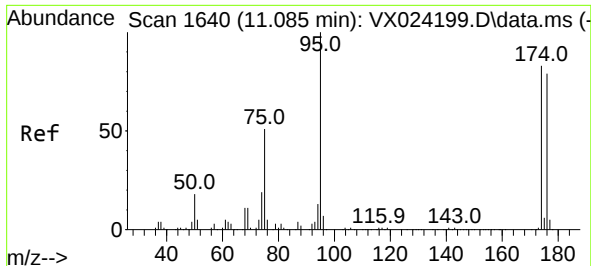
Tgt Ion:	41	Resp:	341
Ion	Ratio	Lower	Upper
41	100		
39	13.8	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#50
Toluene-d8
Concen: 50.089 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

Tgt Ion:	98	Resp:	285216
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.9	77.9

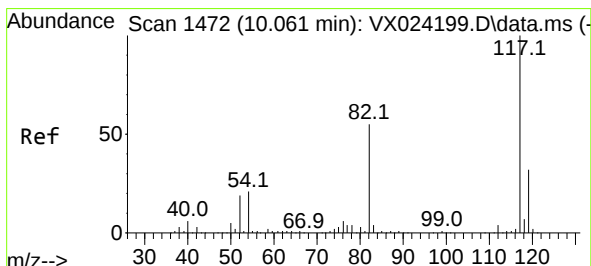
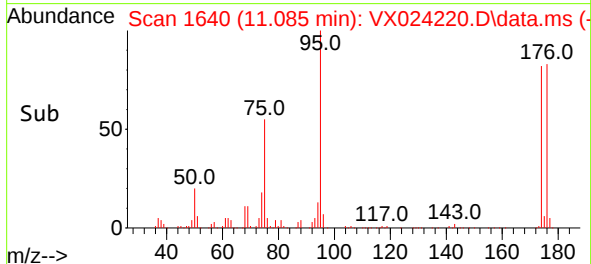
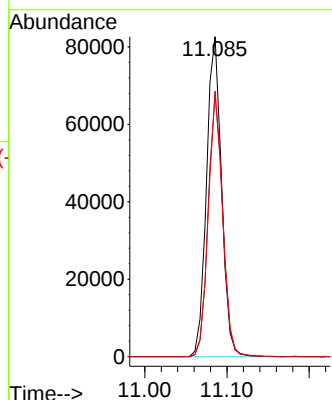
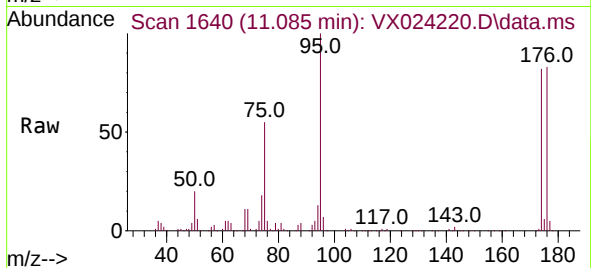




#62
4-Bromofluorobenzene
Concen: 47.332 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

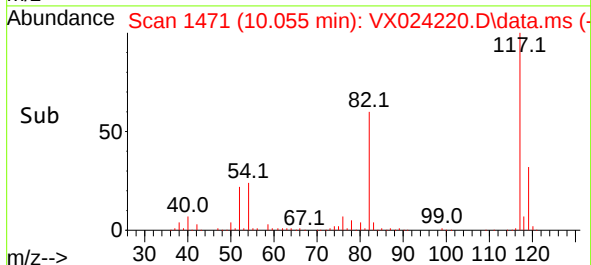
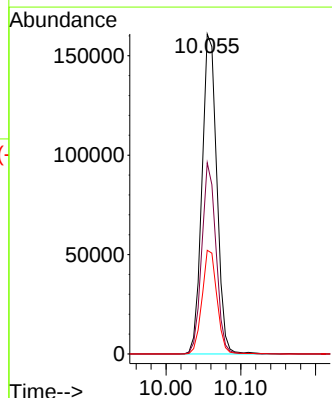
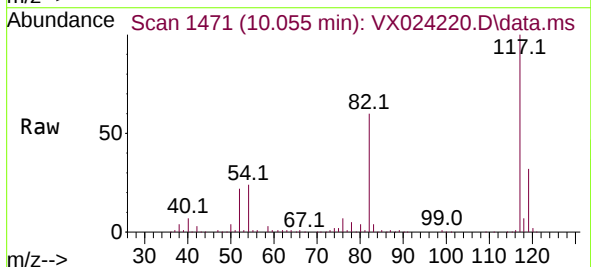
Instrument :
MSVOA_X
ClientSampleId :
TB-210909

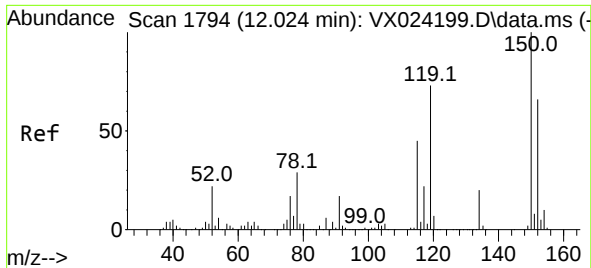
Tgt Ion: 95 Resp: 104886
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 78.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

Tgt Ion: 117 Resp: 221385
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 32.4 26.6 39.8

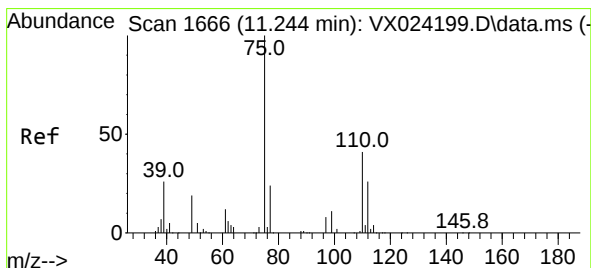
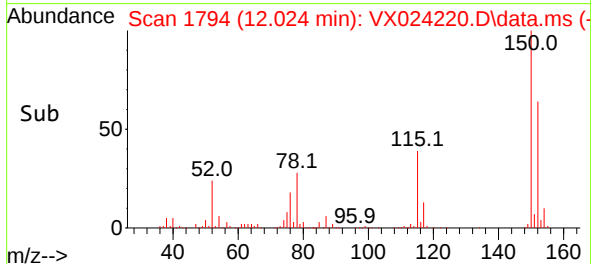
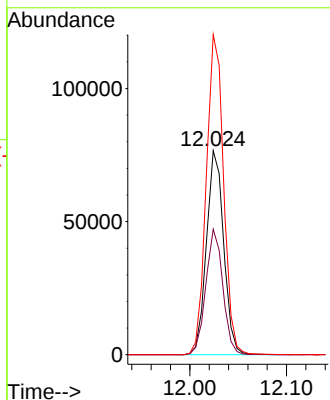
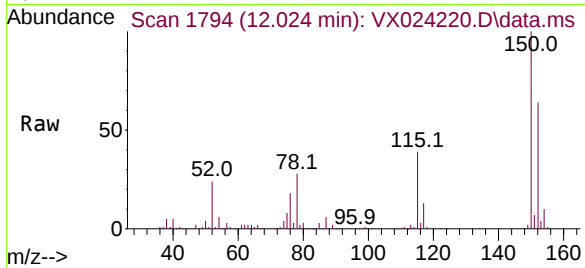




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

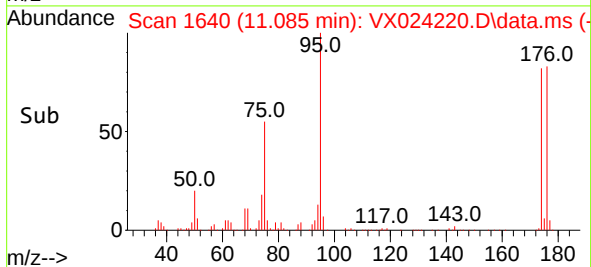
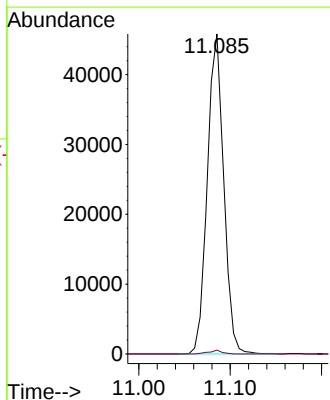
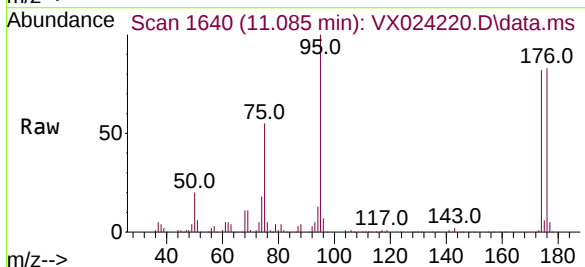
Instrument :
MSVOA_X
ClientSampled :
TB-210909

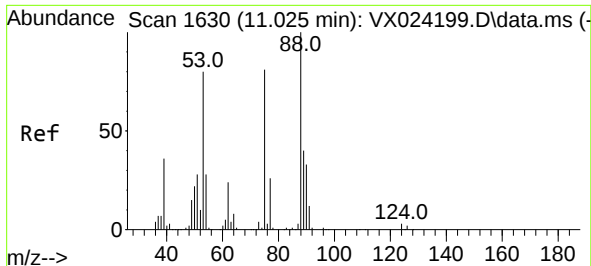
Tgt Ion:152 Resp: 95098
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 157.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.070 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

Tgt Ion: 75 Resp: 57008
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

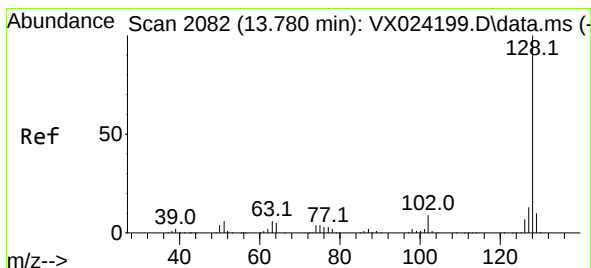
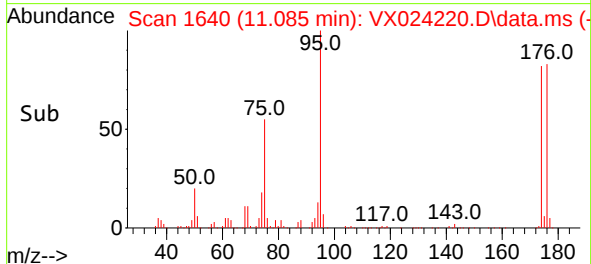
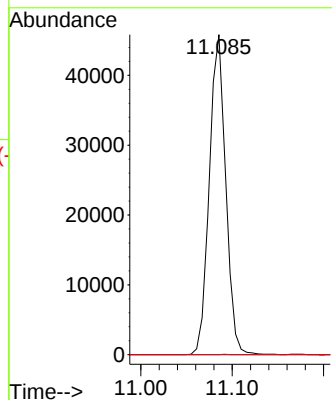
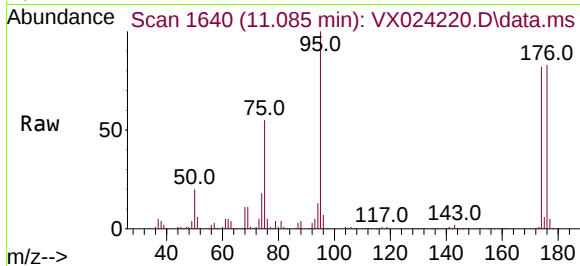




#81
trans-1,4-Dichloro-2-butene
Concen: 76.673 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024220.D
Acq: 14 Sep 2021 20:13

Instrument :
MSVOA_X
ClientSampleId :
TB-210909

Tgt Ion: 75 Resp: 57008
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: VX024220.D
Acq: 14 Sep 2021 20:13

Tgt Ion:128 Resp: 81
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

