

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025276.D
 Acq On : 23 Nov 2021 15:54
 Operator : JC/MD
 Sample : M4800-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW9-GW-788-790

Quant Time: Nov 24 03:13:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

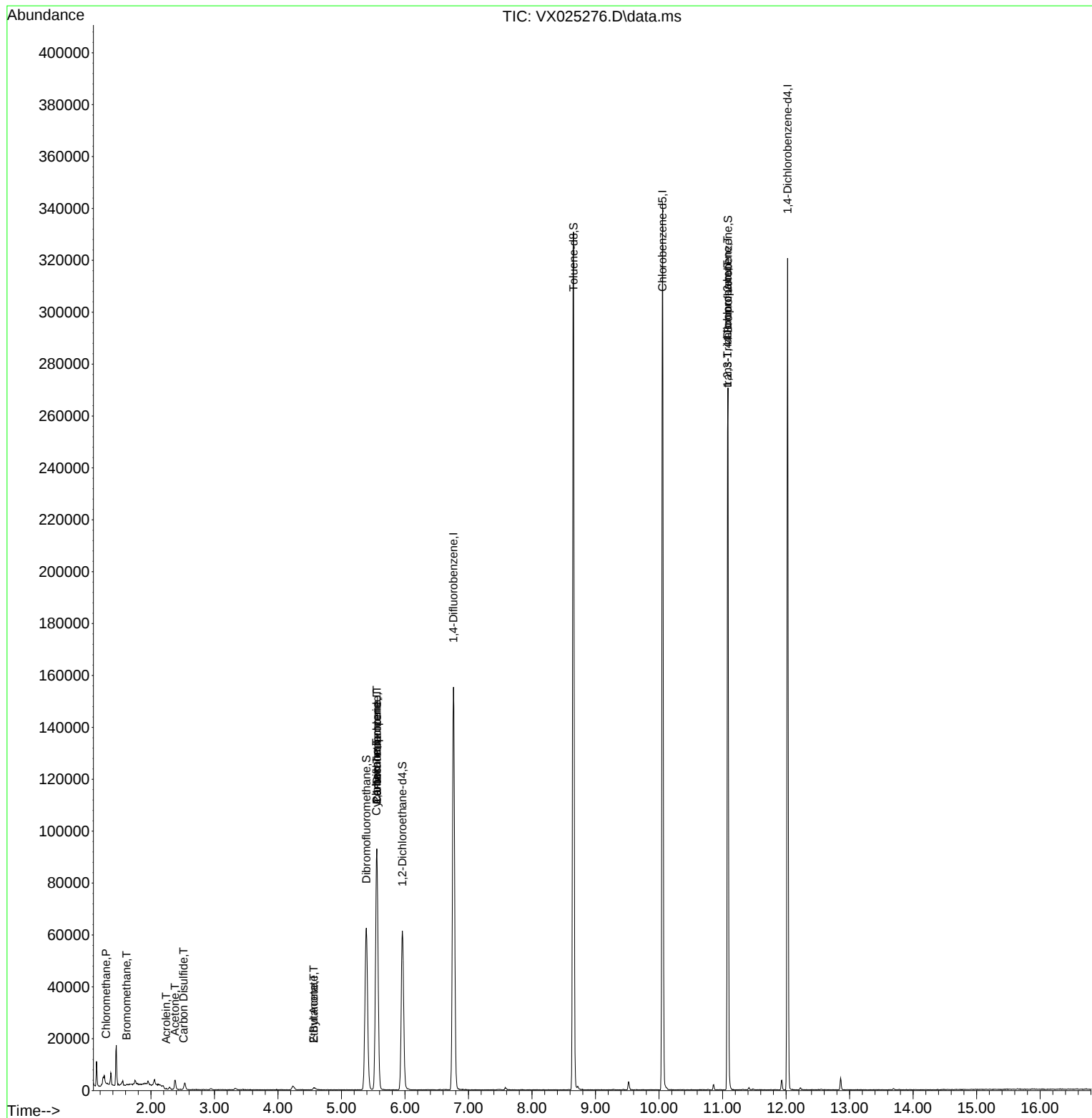
Internal Standards						
1) Pentafluorobenzene	5.556	168	95363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168967	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57077	56.782	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.560%	
35) Dibromofluoromethane	5.391	113	53902	51.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.980%	
50) Toluene-d8	8.653	98	198880	51.022	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.040%	
62) 4-Bromofluorobenzene	11.085	95	72765	49.344	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	279	0.273	ug/l #	42
5) Bromomethane	1.617	94	245	0.507	ug/l	94
11) Tert butyl alcohol	2.940	59	328	Below Cal	#	72
13) Acrolein	2.239	56	92	1.998	ug/l #	45
16) Acetone	2.380	43	4018	7.194	ug/l #	88
17) Carbon Disulfide	2.514	76	649	0.261	ug/l #	76
25) 2-Butanone	4.562	43	1189	1.472	ug/l #	85
31) Cyclohexane	5.550	56	1658	1.067	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6376	4.325	ug/l #	50
37) Ethyl Acetate	4.562	43	1189	0.709	ug/l #	68
38) Carbon Tetrachloride	5.556	117	8771	5.402	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	35150	24.916	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35150	62.767	ug/l #	9
95) Naphthalene	13.780	128	158	Below Cal	#	69

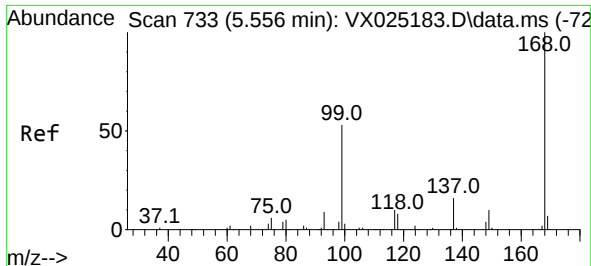
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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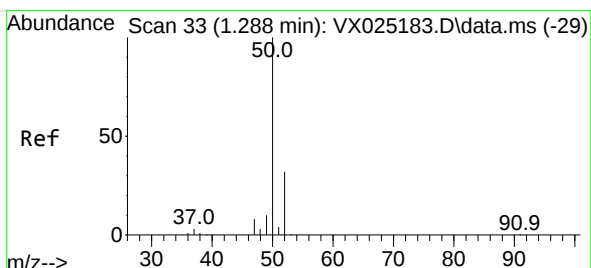
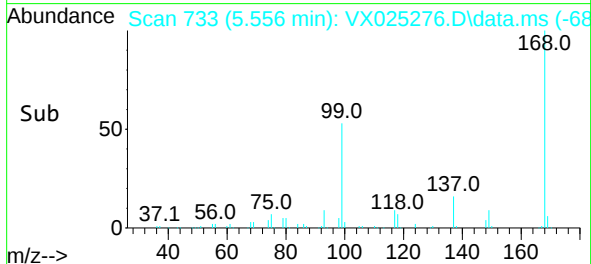
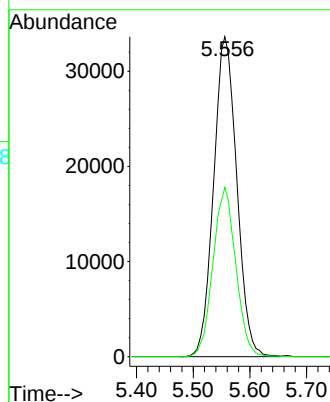
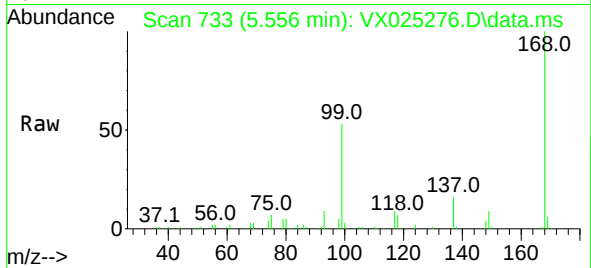




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

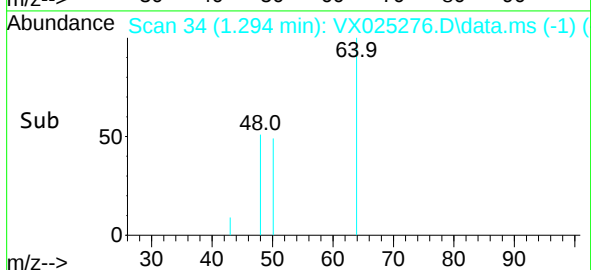
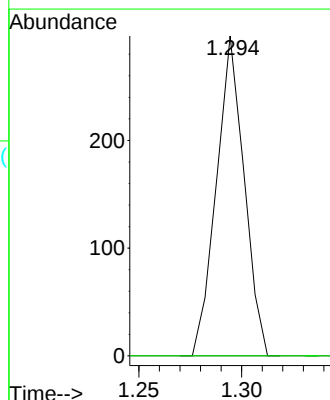
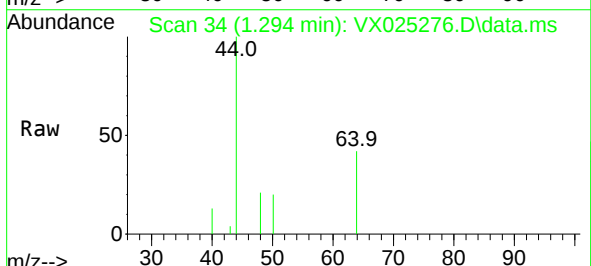
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW9-GW-788-790

Tgt Ion:168 Resp: 95363
Ion Ratio Lower Upper
168 100
99 52.9 46.4 69.6



#3
Chloromethane
Concen: 0.273 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

Tgt Ion: 50 Resp: 279
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#5

Bromomethane

Concen: 0.507 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX025276.D

Acq: 23 Nov 2021 15:54

Instrument :

MSVOA_X

ClientSampleId :

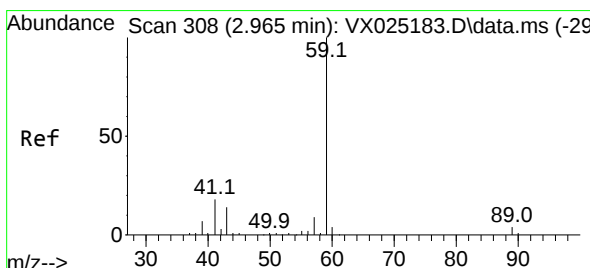
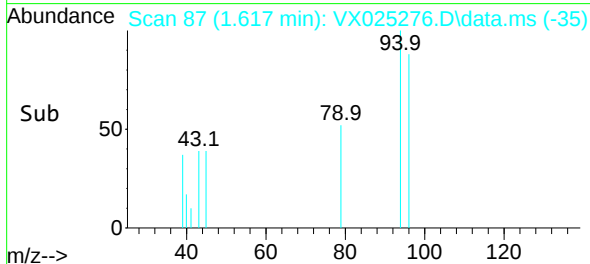
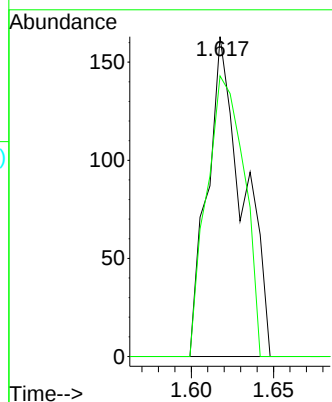
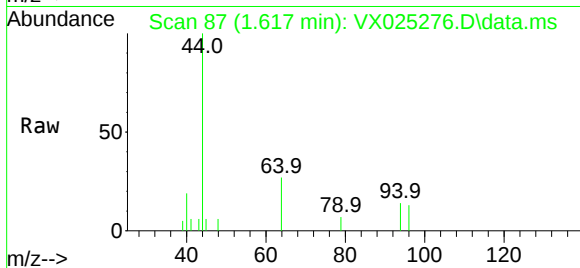
BP-VPB-RW9-GW-788-790

Tgt Ion: 94 Resp: 245

Ion Ratio Lower Upper

94 100

96 87.7 74.8 112.2



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 304

Delta R.T. -0.025 min

Lab File: VX025276.D

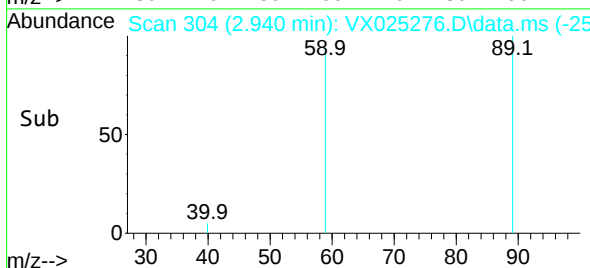
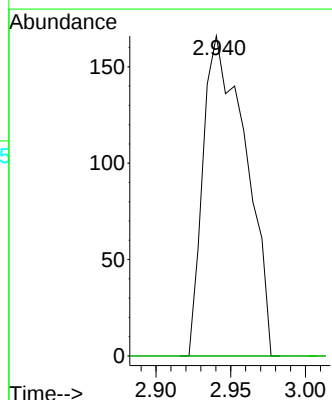
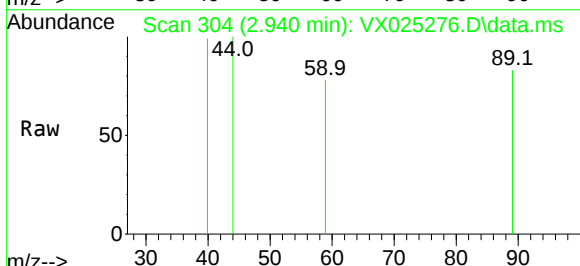
Acq: 23 Nov 2021 15:54

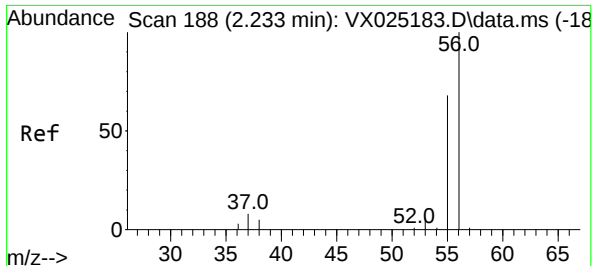
Tgt Ion: 59 Resp: 328

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#

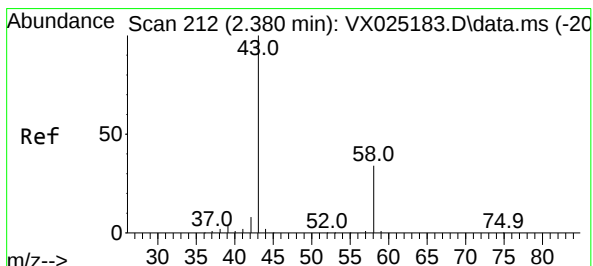
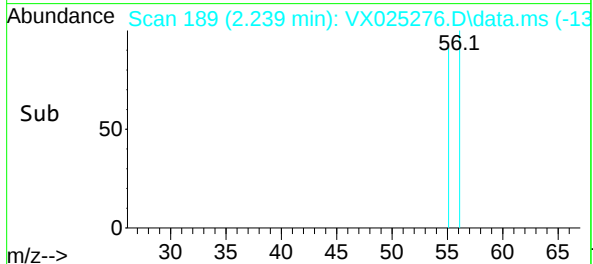
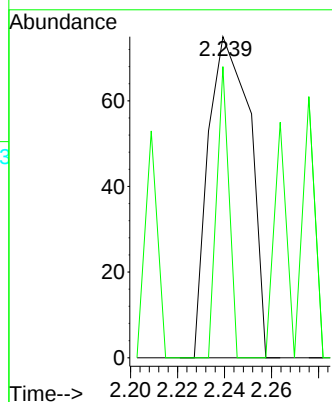
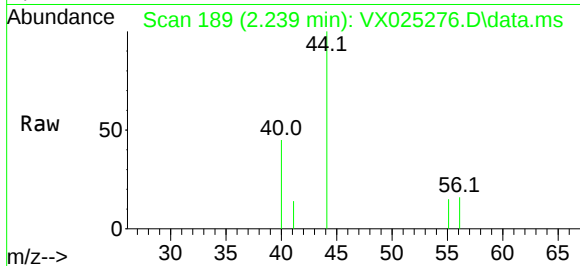




#13
Acrolein
Concen: 1.998 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

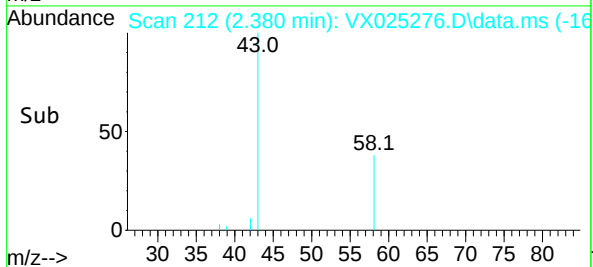
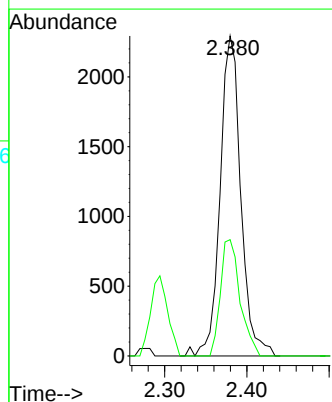
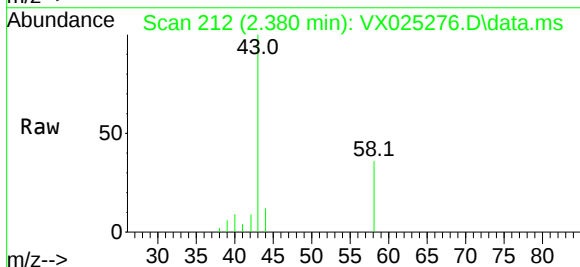
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-GW-788-790

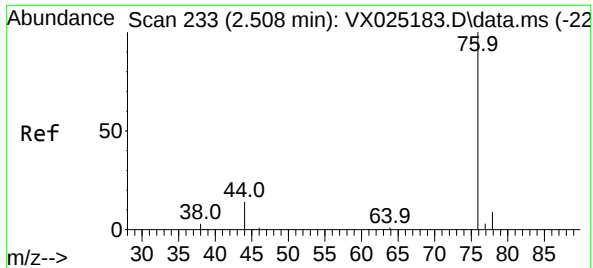
Tgt Ion: 56 Resp: 92
Ion Ratio Lower Upper
56 100
55 27.2 58.6 87.8#



#16
Acetone
Concen: 7.194 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

Tgt Ion: 43 Resp: 4018
Ion Ratio Lower Upper
43 100
58 36.3 24.0 36.0#

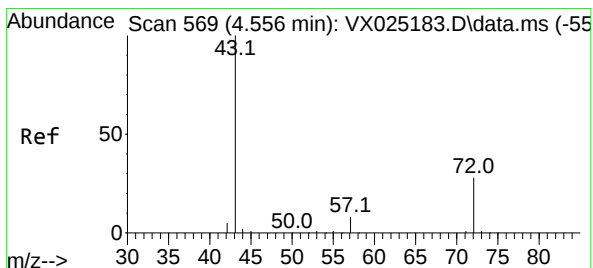
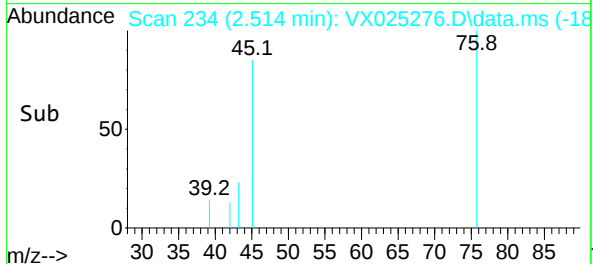
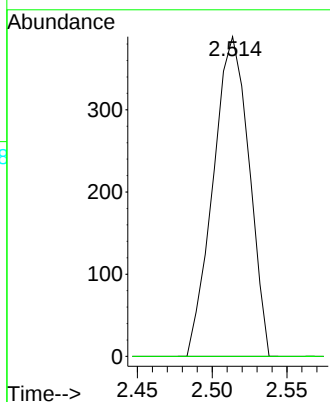
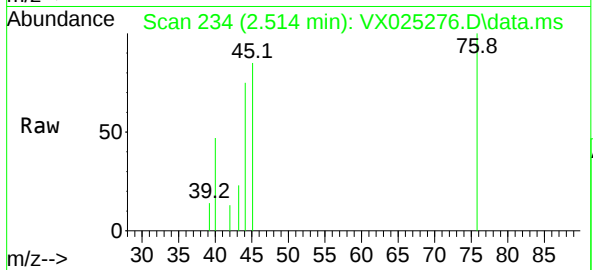




#17
Carbon Disulfide
Concen: 0.261 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

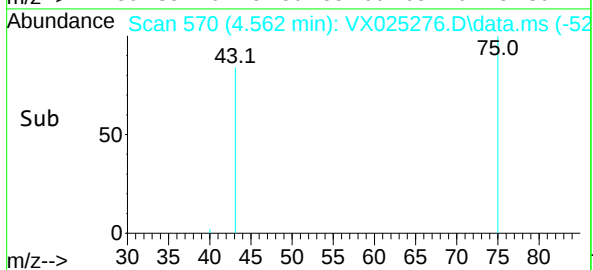
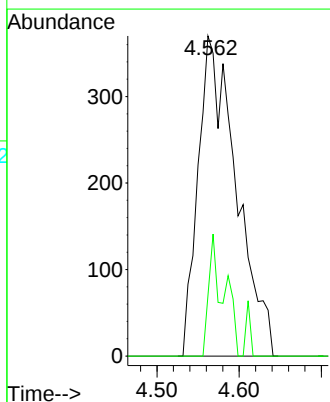
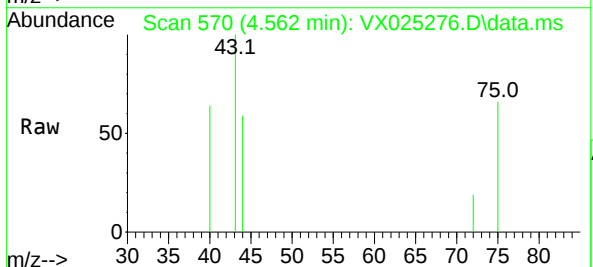
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-GW-788-790

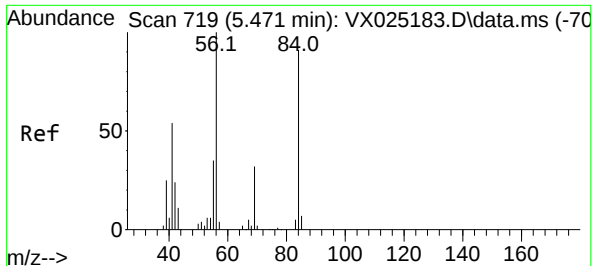
Tgt Ion: 76 Resp: 649
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#25
2-Butanone
Concen: 1.472 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

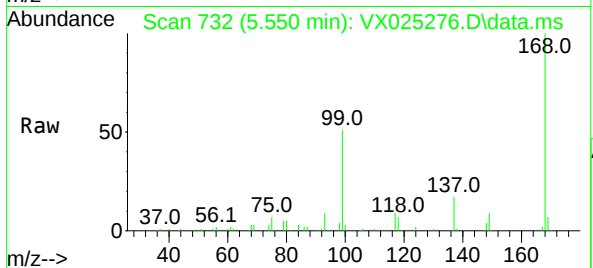
Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
72 18.9 21.2 31.8#



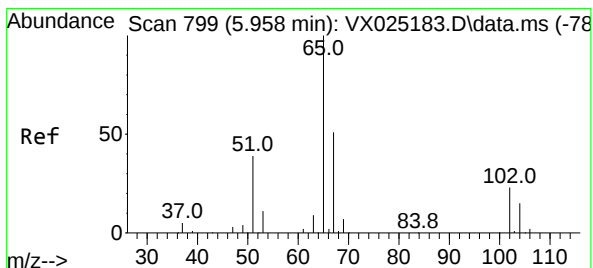
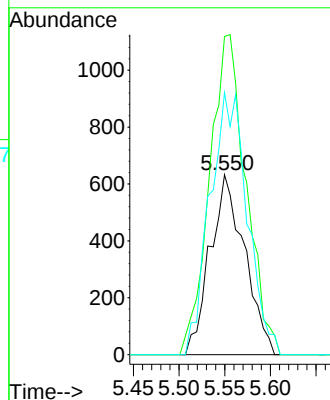
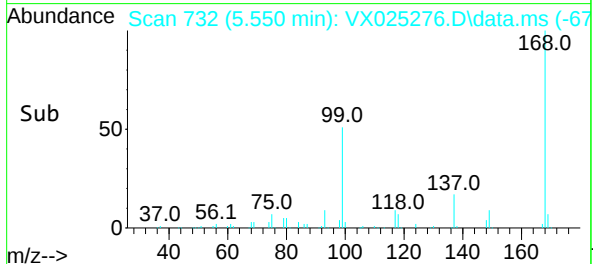


#31
Cyclohexane
Concen: 1.067 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-GW-788-790

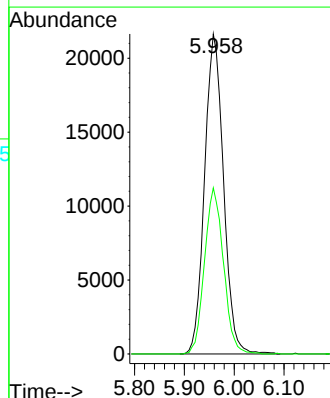
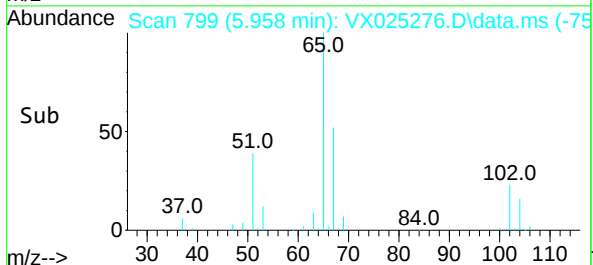
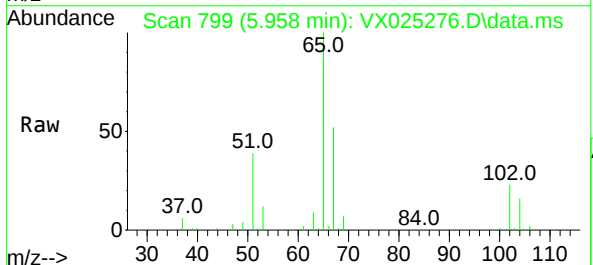


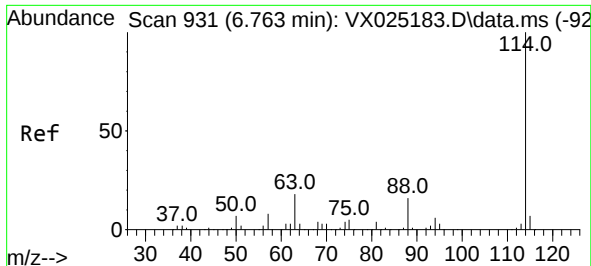
Tgt Ion: 56 Resp: 1658
Ion Ratio Lower Upper
56 100
69 176.8 24.2 36.2#
84 145.7 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 56.782 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

Tgt Ion: 65 Resp: 57077
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.0

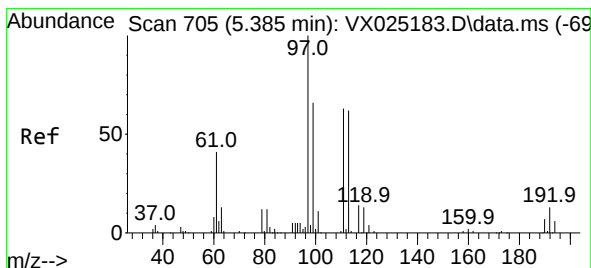
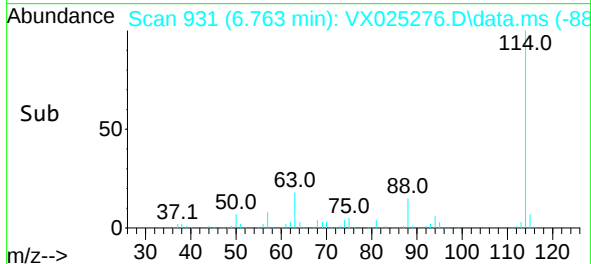
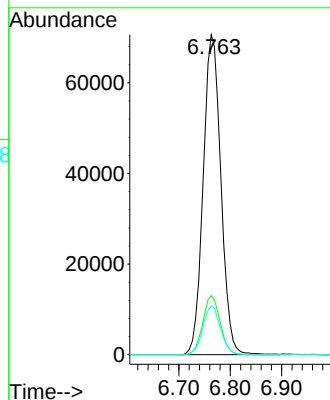
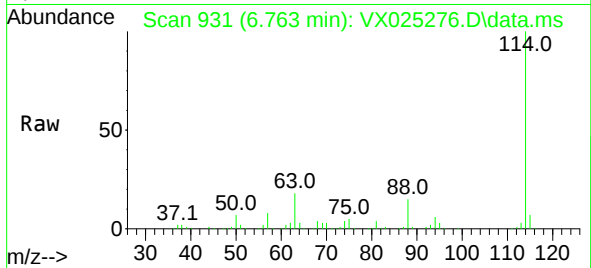




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

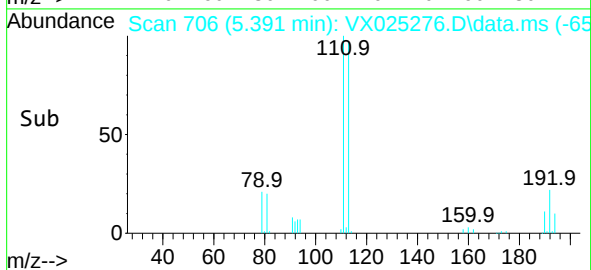
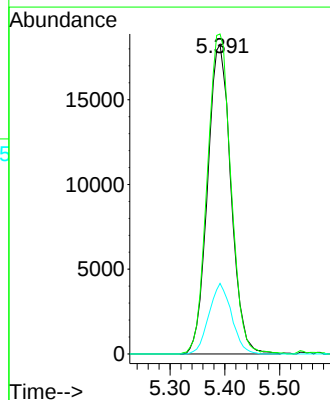
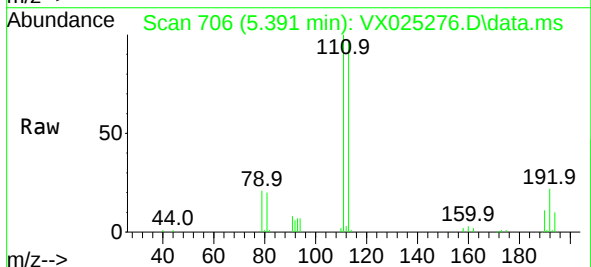
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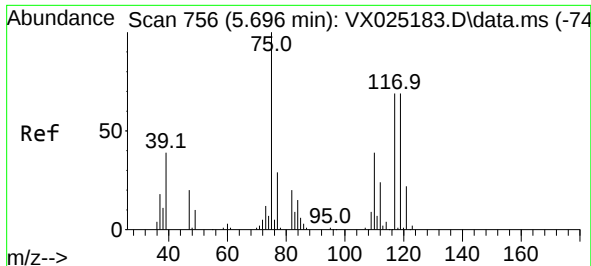
Tgt Ion:114 Resp: 168967
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.993 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

Tgt Ion:113 Resp: 53902
Ion Ratio Lower Upper
113 100
111 104.9 82.1 123.1
192 22.1 15.6 23.4

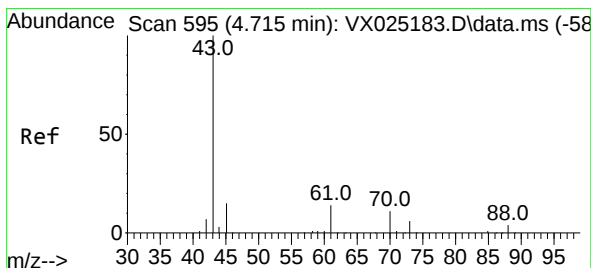
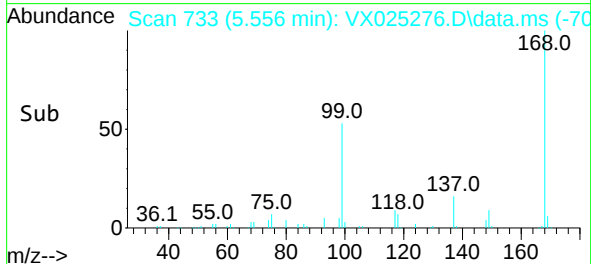
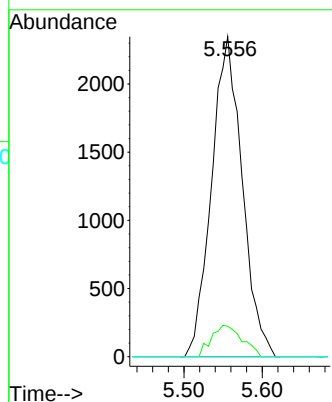
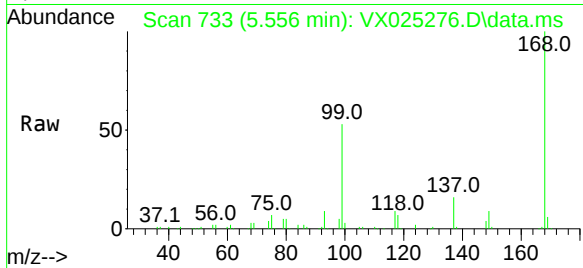




#36
1,1-Dichloropropene
Concen: 4.325 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

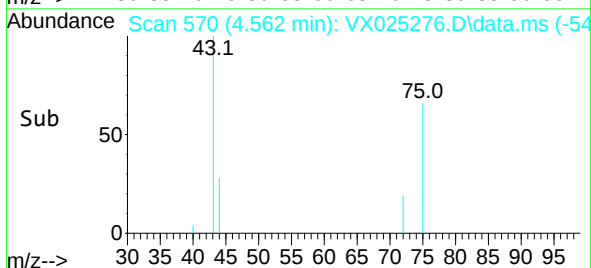
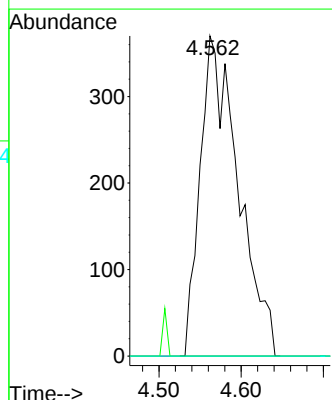
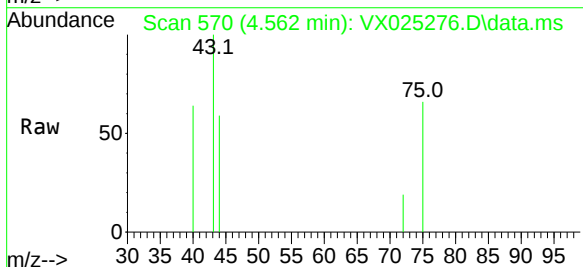
Instrument :
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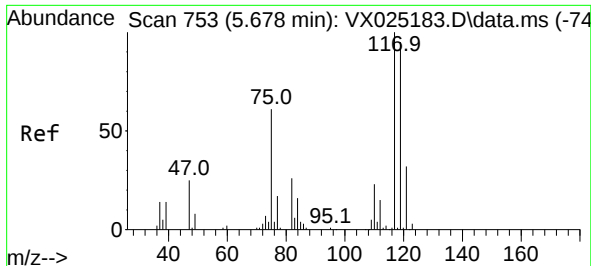
Tgt Ion: 75 Resp: 6376
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.3#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.709 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.153 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 8.6 12.8#

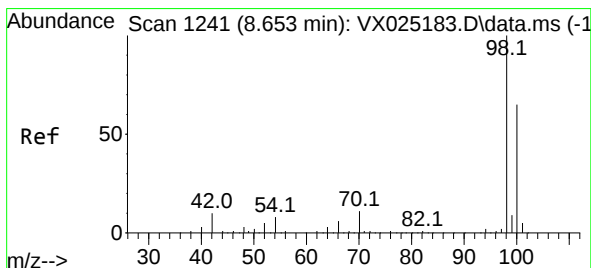
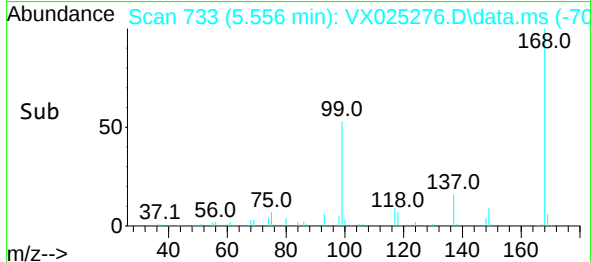
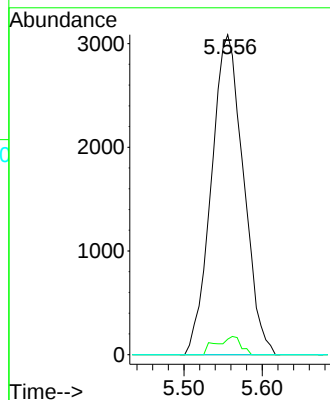
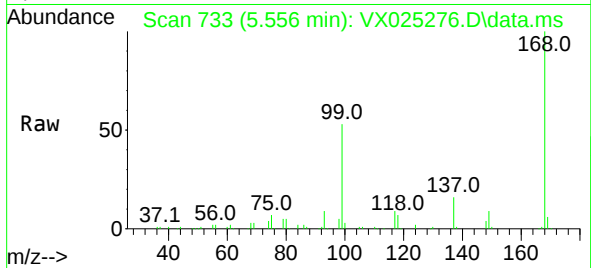




#38
Carbon Tetrachloride
Concen: 5.402 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

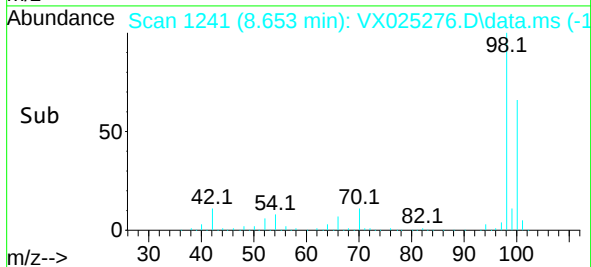
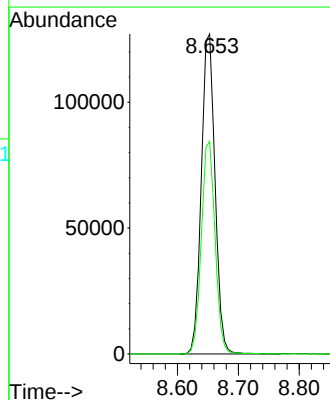
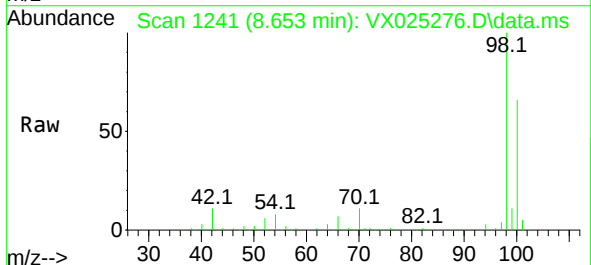
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-GW-788-790

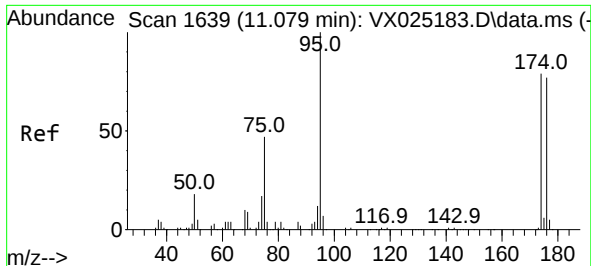
Tgt Ion:117 Resp: 8771
Ion Ratio Lower Upper
117 100
119 4.8 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.022 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

Tgt Ion: 98 Resp: 198880
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0

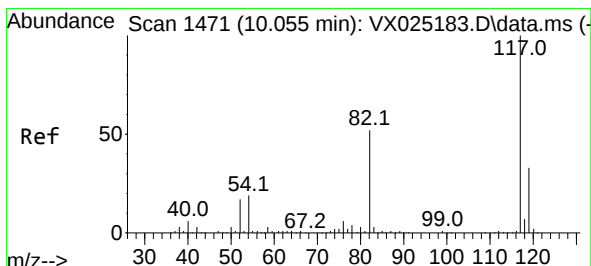
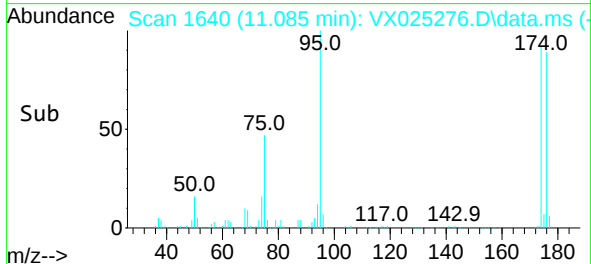
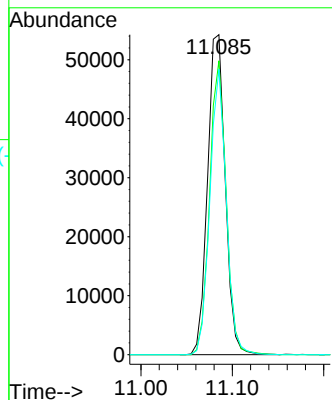
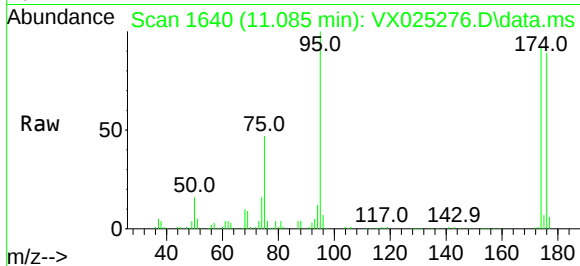




#62
4-Bromofluorobenzene
Concen: 49.344 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

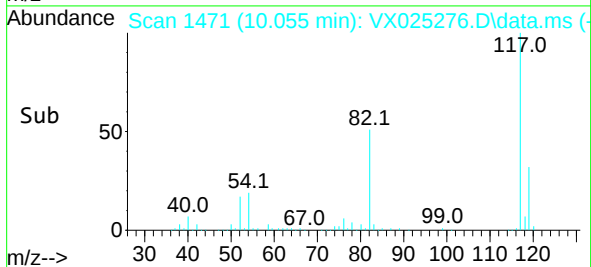
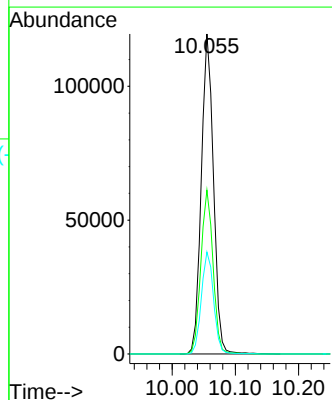
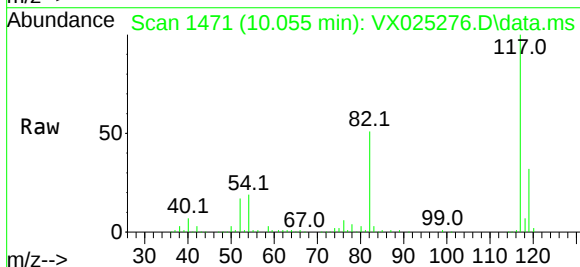
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-GW-788-790

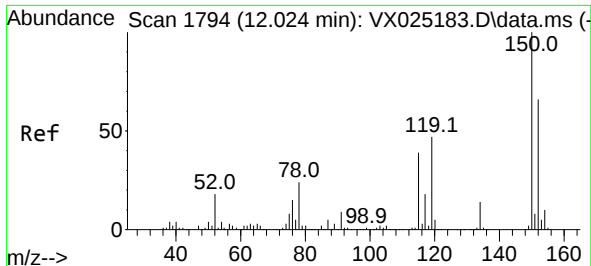
Tgt Ion: 95 Resp: 72765
Ion Ratio Lower Upper
95 100
174 86.0 0.0 158.0
176 82.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

Tgt Ion: 117 Resp: 160503
Ion Ratio Lower Upper
117 100
82 51.2 44.6 67.0
119 31.9 24.8 37.2

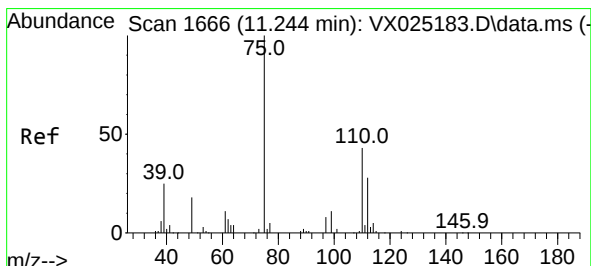
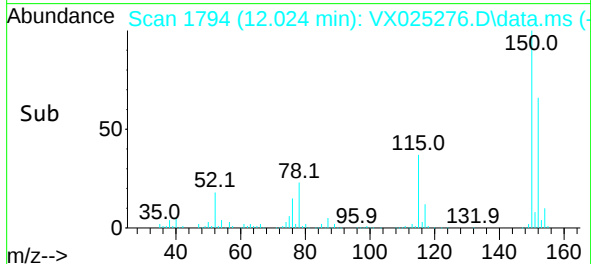
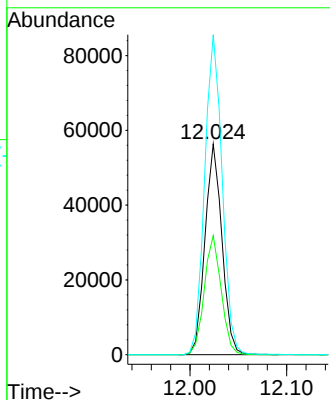
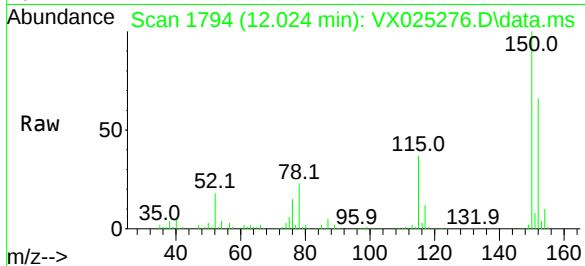




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025276.D
 Acq: 23 Nov 2021 15:54

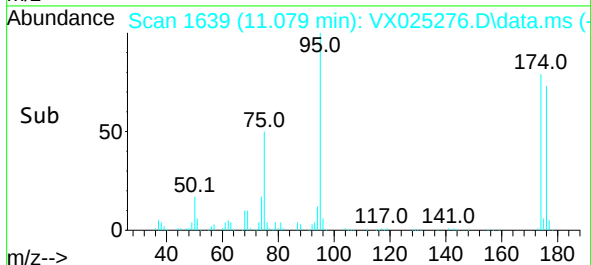
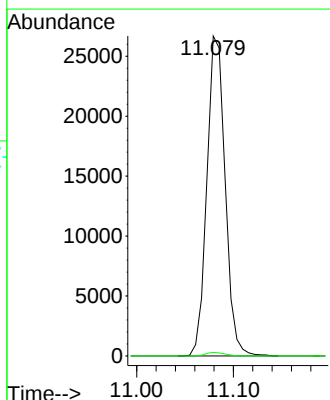
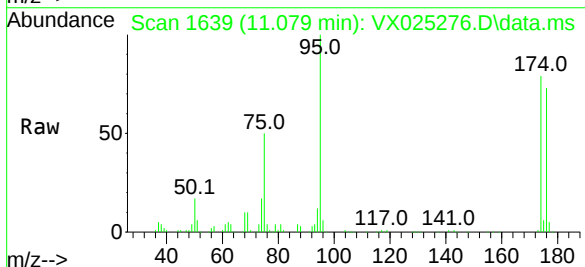
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW9-GW-788-790

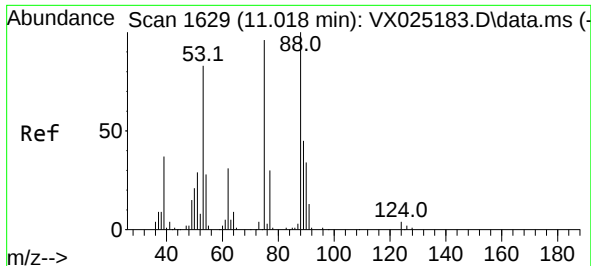
Tgt Ion:152 Resp: 68891
 Ion Ratio Lower Upper
 152 100
 115 56.4 43.3 129.8
 150 156.3 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 24.916 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025276.D
 Acq: 23 Nov 2021 15:54

Tgt Ion: 75 Resp: 35150
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#

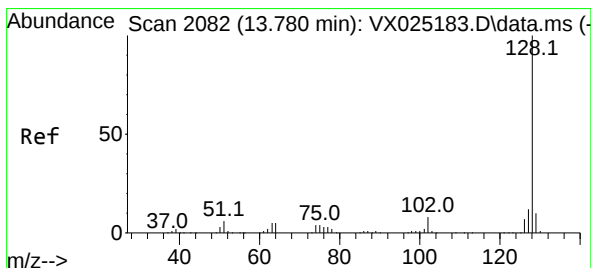
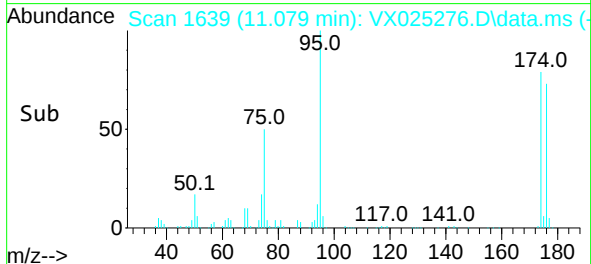
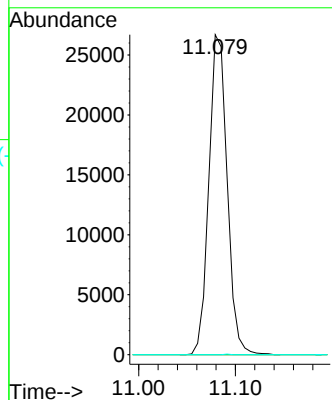
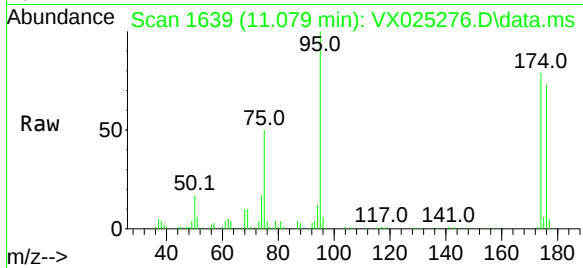




#81
trans-1,4-Dichloro-2-butene
Concen: 62.767 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-GW-788-790

Tgt Ion: 75 Resp: 35150
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.1 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025276.D
Acq: 23 Nov 2021 15:54

Tgt Ion: 128 Resp: 158
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

