

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060223\
 Data File : VX035980.D
 Acq On : 02 Jun 2023 13:44
 Operator : JC/MD
 Sample : 03022-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-578-580

Quant Time: Jun 05 01:35:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

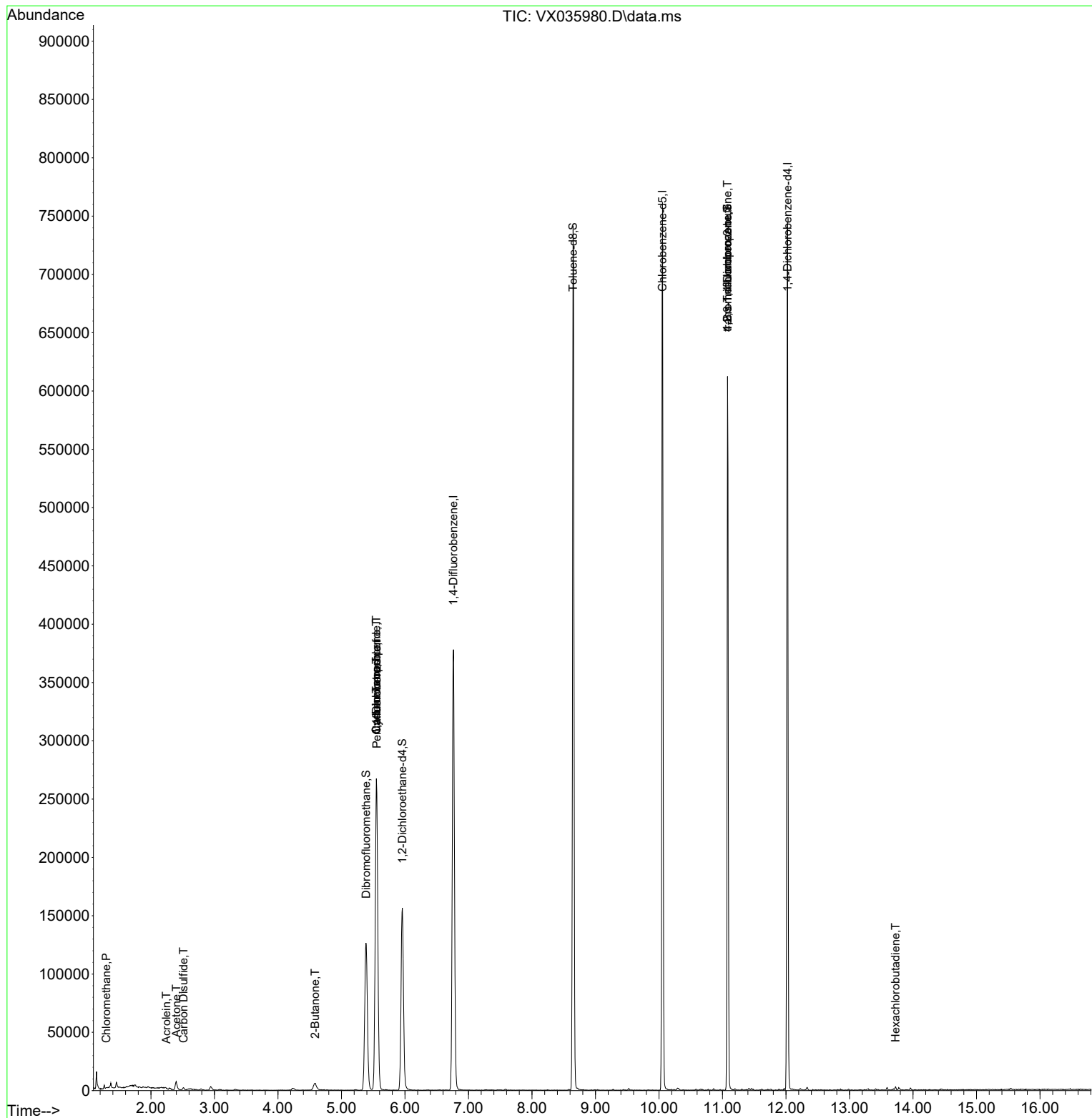
Internal Standards						
1) Pentafluorobenzene	5.556	168	230941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	376254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159455	42.520	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.040%		
35) Dibromofluoromethane	5.385	113	112322	44.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.760%		
50) Toluene-d8	8.647	98	433168	47.693	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.380%		
62) 4-Bromofluorobenzene	11.079	95	166717	46.500	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.000%		
Target Compounds						Qvalue
3) Chloromethane	1.295	50	890	0.309	ug/l	91
13) Acrolein	2.240	56	255	0.397	ug/l #	51
16) Acetone	2.398	43	9377	6.061	ug/l #	88
17) Carbon Disulfide	2.514	76	2637	0.454	ug/l #	89
25) 2-Butanone	4.587	43	2581	1.166	ug/l	92
31) Cyclohexane	5.550	56	5729	1.459	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20538	6.087	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26502	8.060	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	86450	25.387	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	86450	85.510	ug/l #	3
94) Hexachlorobutadiene	13.725	225	472	0.431	ug/l	95

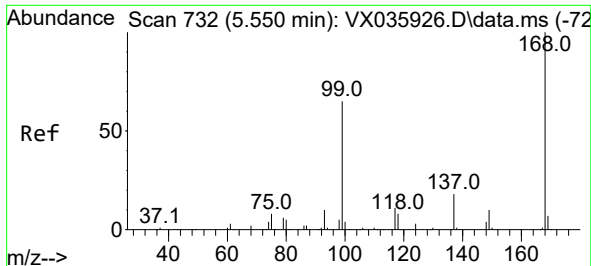
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 05 01:35:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

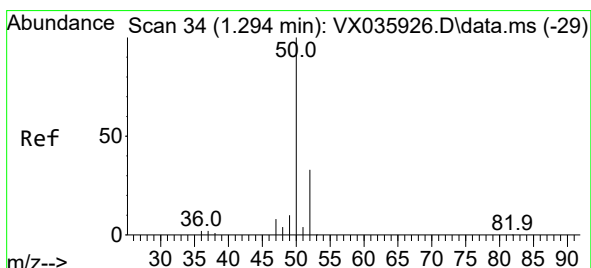
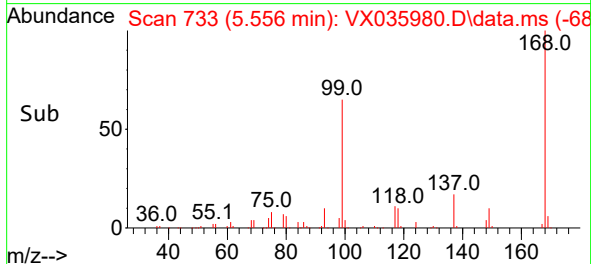
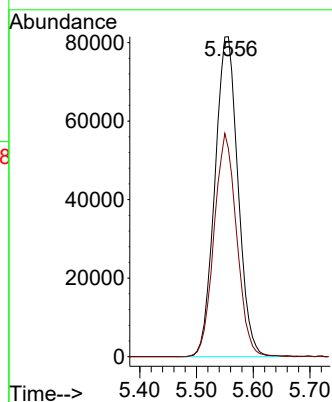
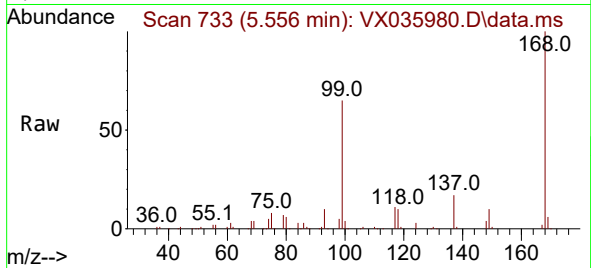




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

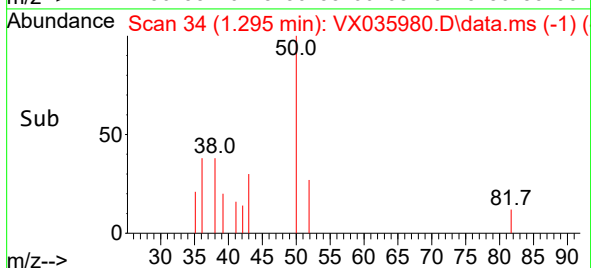
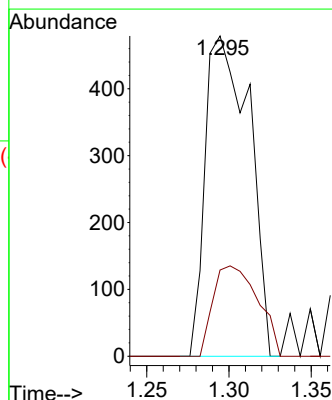
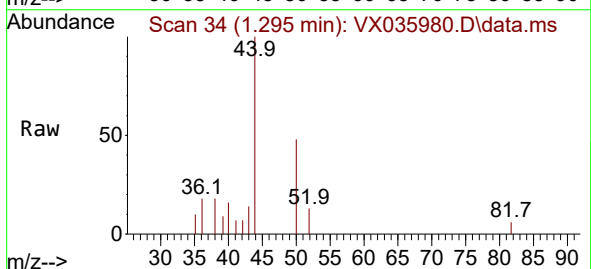
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-578-580

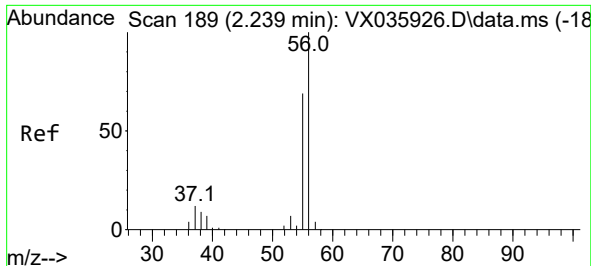
Tgt Ion:168 Resp: 230941
Ion Ratio Lower Upper
168 100
99 65.1 57.0 85.6



#3
Chloromethane
Concen: 0.309 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

Tgt Ion: 50 Resp: 890
Ion Ratio Lower Upper
50 100
52 26.9 25.4 38.2

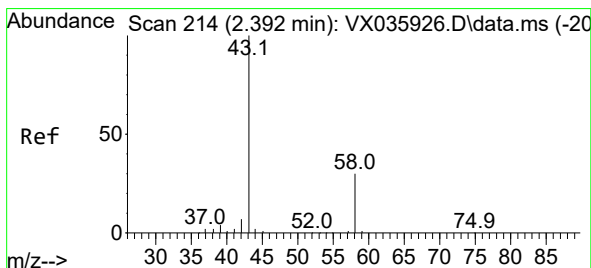
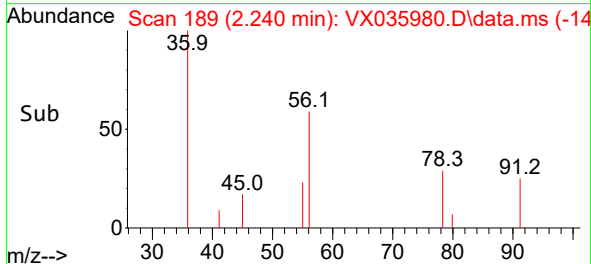
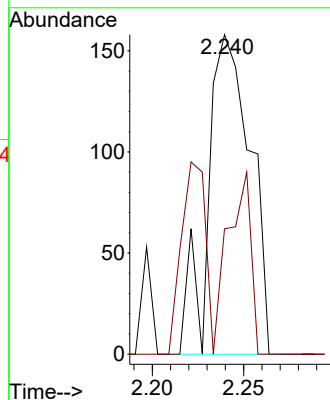
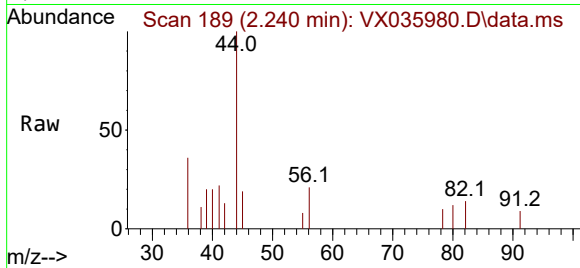




#13
Acrolein
Concen: 0.397 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

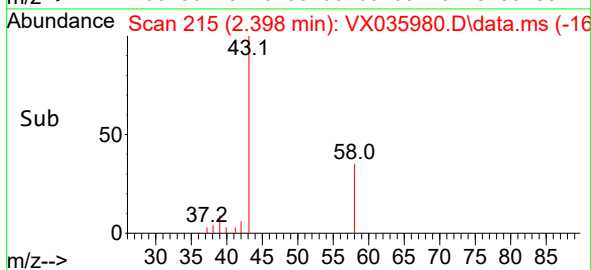
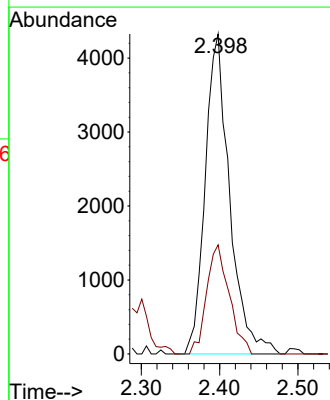
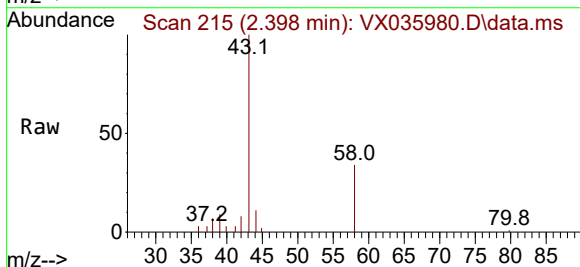
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-578-580

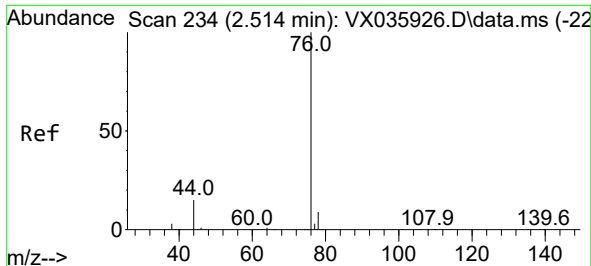
Tgt Ion: 56 Resp: 255
Ion Ratio Lower Upper
56 100
55 31.0 57.3 85.9#



#16
Acetone
Concen: 6.061 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

Tgt Ion: 43 Resp: 9377
Ion Ratio Lower Upper
43 100
58 34.1 22.2 33.2#

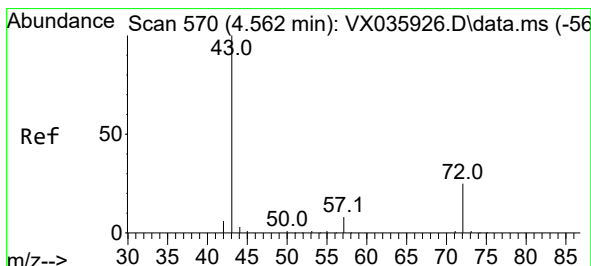
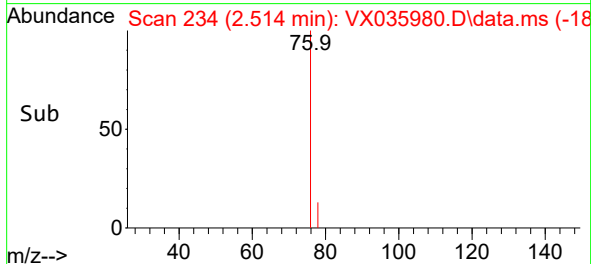
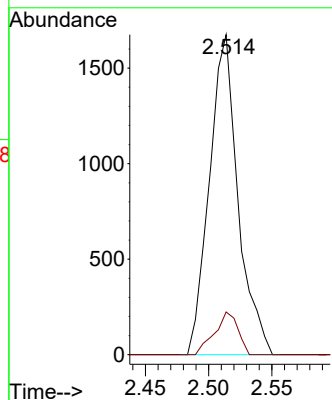
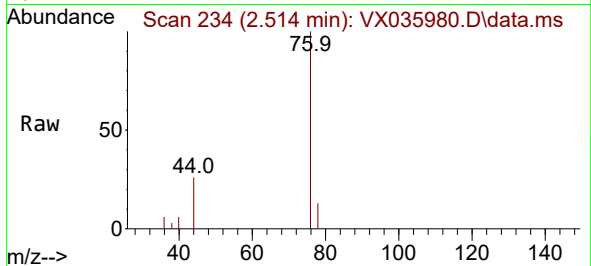




#17
Carbon Disulfide
Concen: 0.454 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

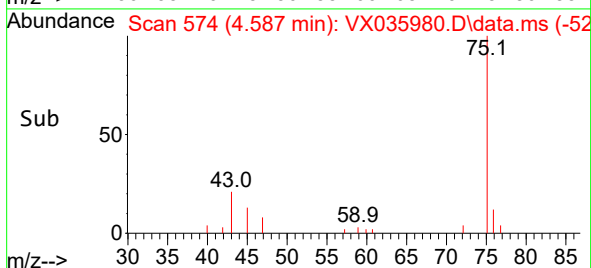
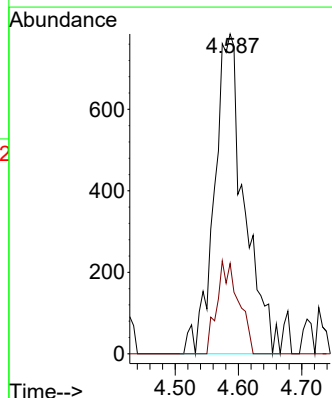
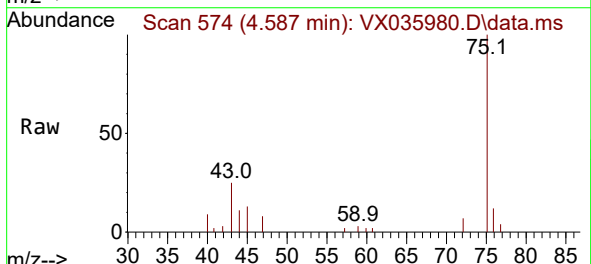
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-578-580

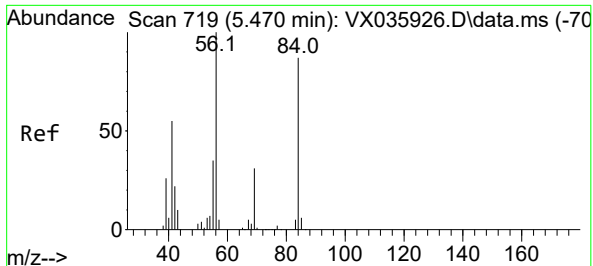
Tgt Ion: 76 Resp: 2637
Ion Ratio Lower Upper
76 100
78 13.4 7.6 11.4#



#25
2-Butanone
Concen: 1.166 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

Tgt Ion: 43 Resp: 2581
Ion Ratio Lower Upper
43 100
72 28.3 19.4 29.2

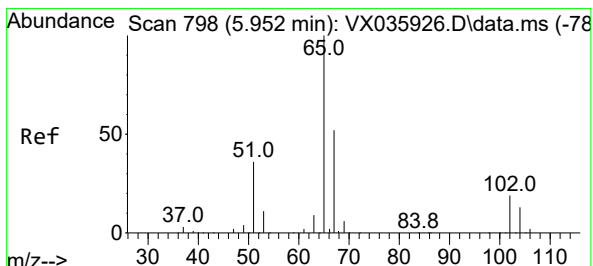
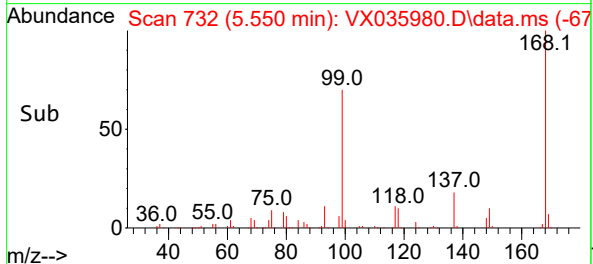
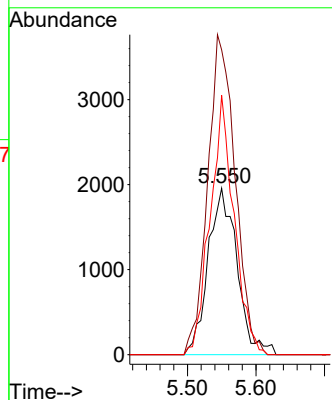
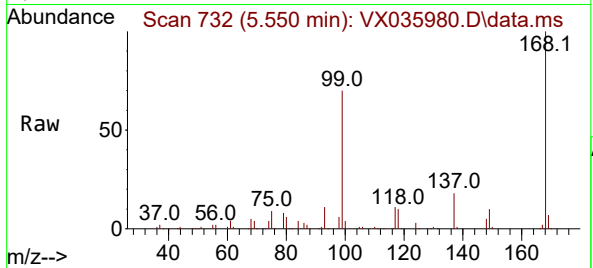




#31
Cyclohexane
Concen: 1.459 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

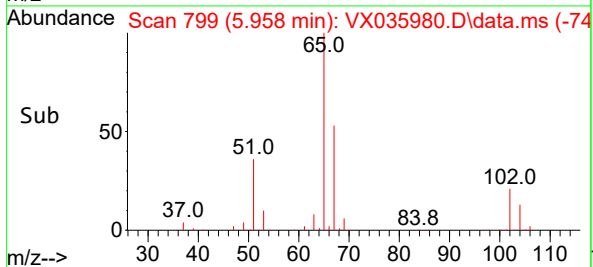
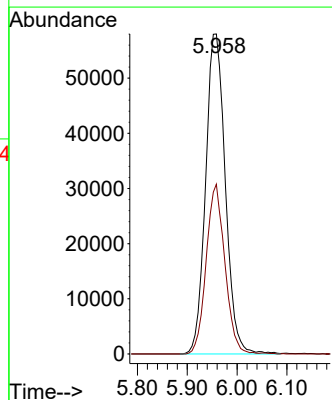
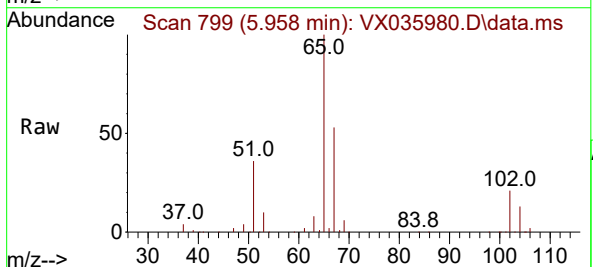
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-578-580

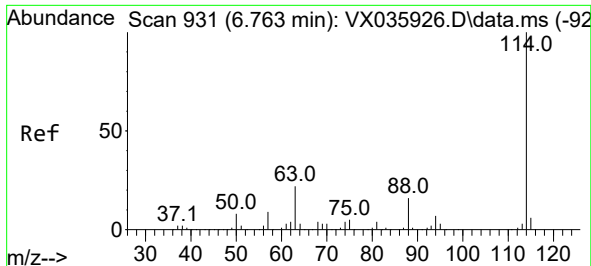
Tgt Ion: 56 Resp: 5729
Ion Ratio Lower Upper
56 100
69 183.3 25.9 38.9#
84 155.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 42.520 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

Tgt Ion: 65 Resp: 159455
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.6

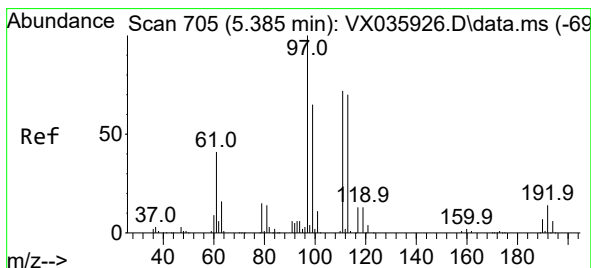
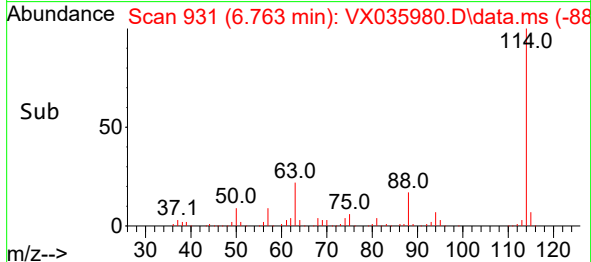
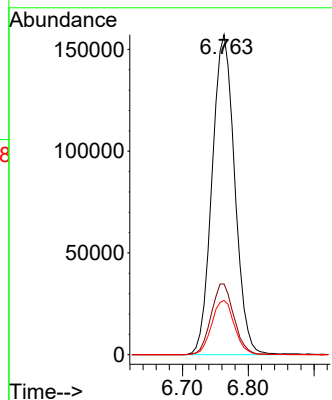
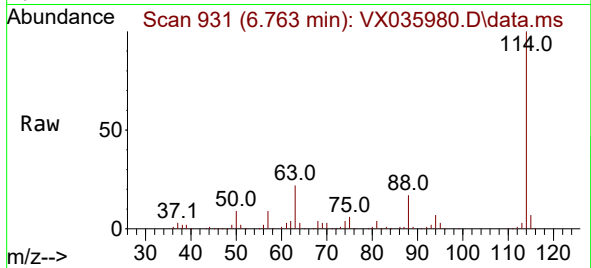




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

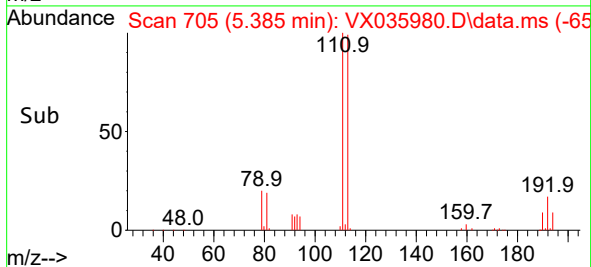
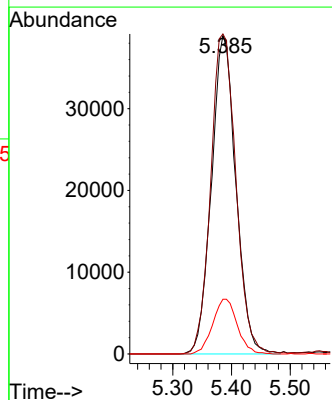
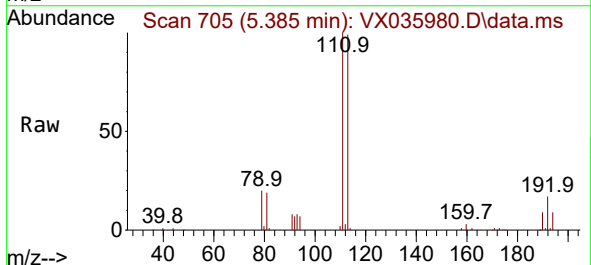
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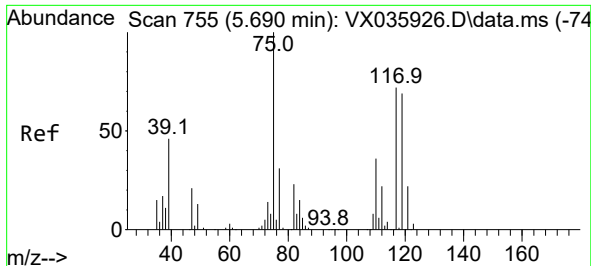
Tgt Ion:114 Resp: 376254
Ion Ratio Lower Upper
114 100
63 22.1 0.0 46.0
88 16.9 0.0 35.2



#35
Dibromofluoromethane
Concen: 44.384 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

Tgt Ion:113 Resp: 112322
Ion Ratio Lower Upper
113 100
111 103.7 81.7 122.5
192 17.3 13.5 20.3

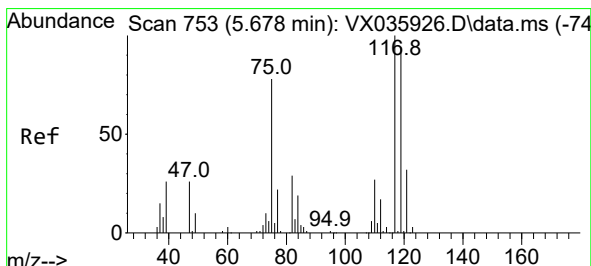
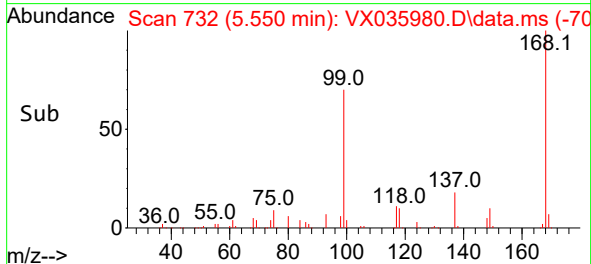
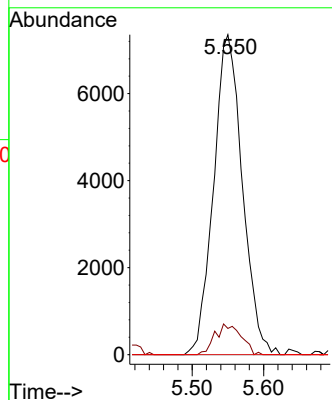
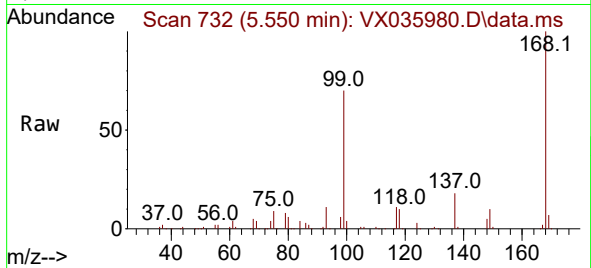




#36
1,1-Dichloropropene
Concen: 6.087 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

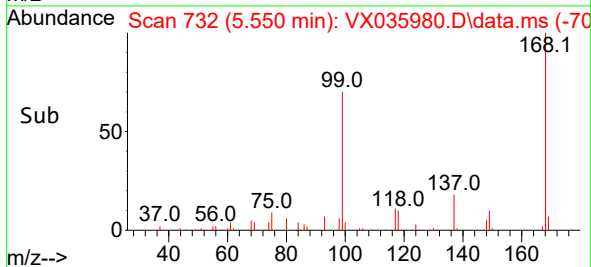
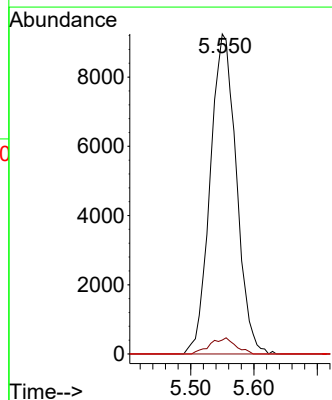
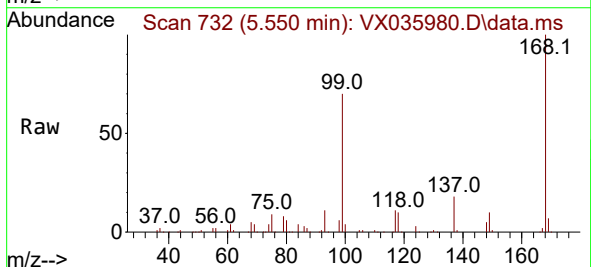
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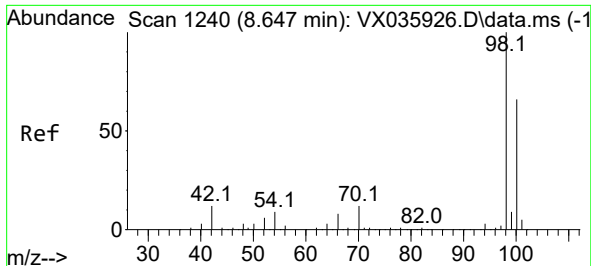
Tgt Ion: 75 Resp: 20538
Ion Ratio Lower Upper
75 100
110 8.7 16.6 49.7#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 8.060 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

Tgt Ion: 117 Resp: 26502
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 25.0 37.4#

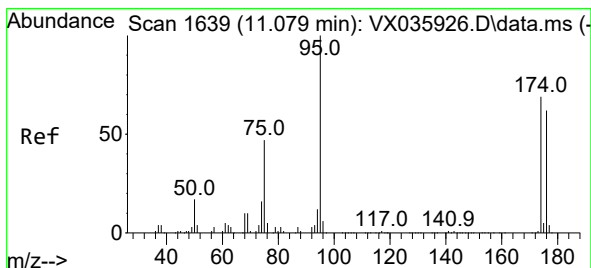
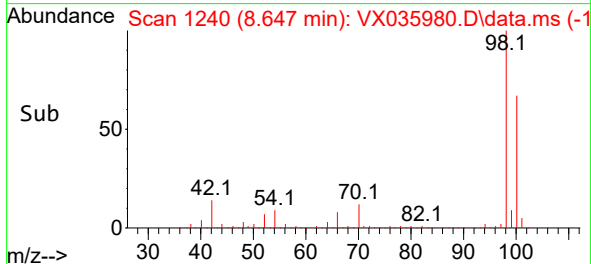
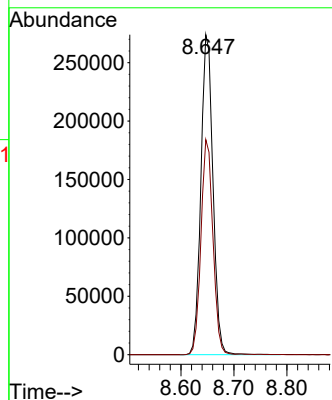
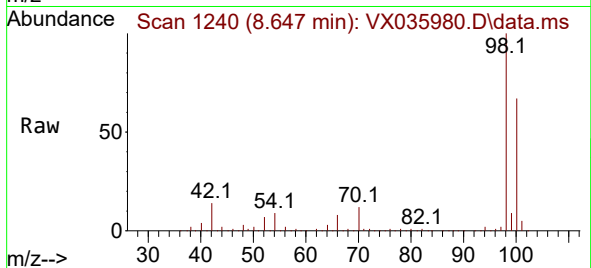




#50
Toluene-d8
Concen: 47.693 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

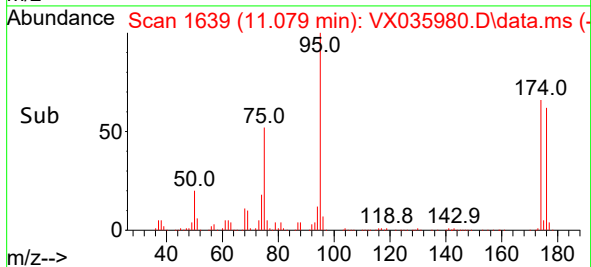
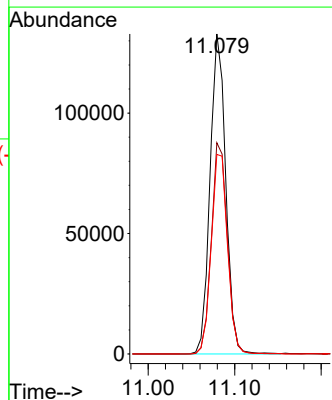
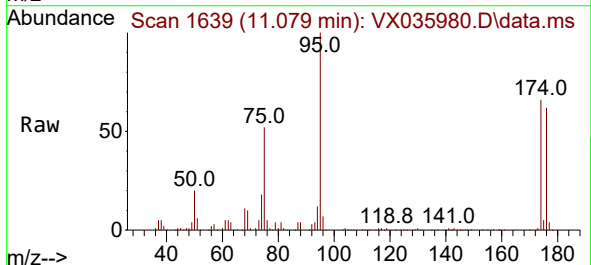
Instrument :
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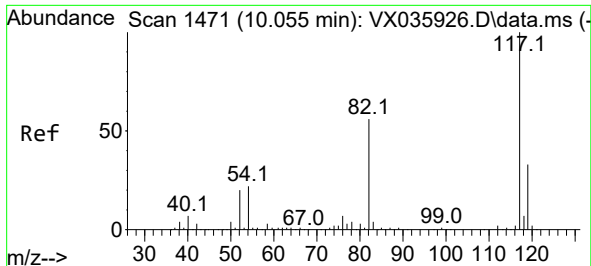
Tgt Ion: 98 Resp: 433168
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 46.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

Tgt Ion: 95 Resp: 166717
Ion Ratio Lower Upper
95 100
174 67.6 0.0 132.6
176 65.0 0.0 128.0

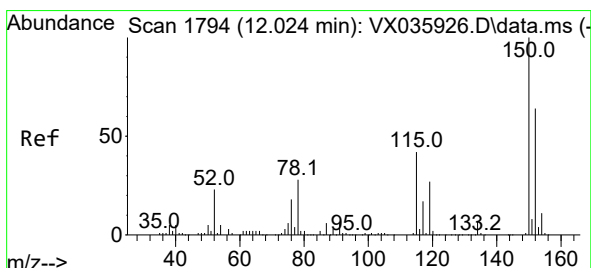
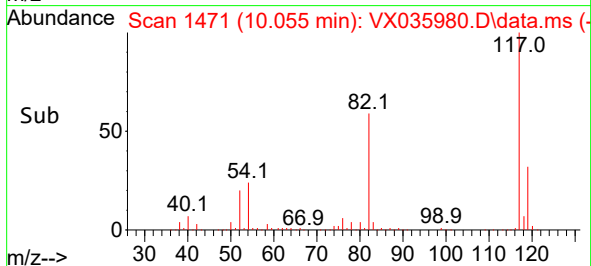
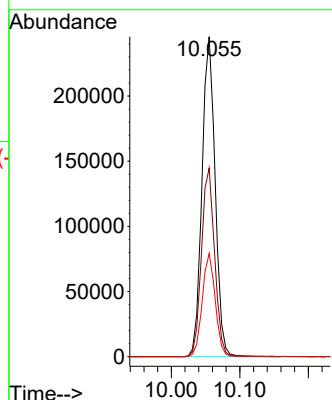
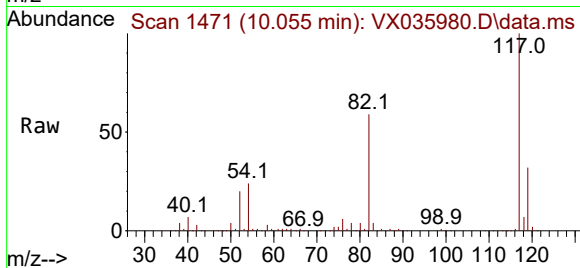




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

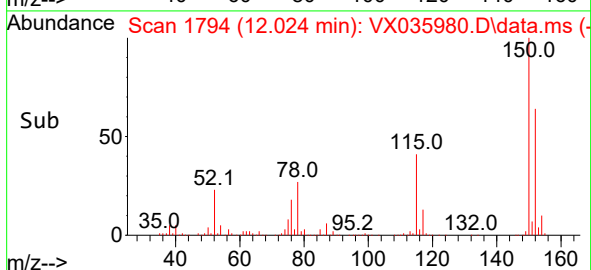
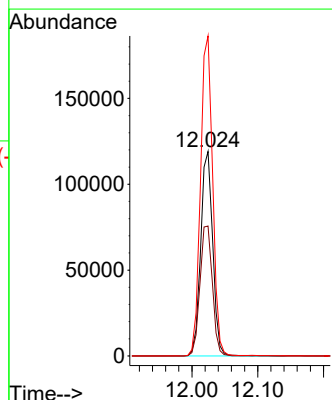
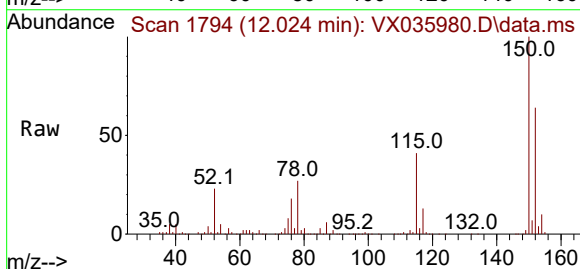
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-578-580

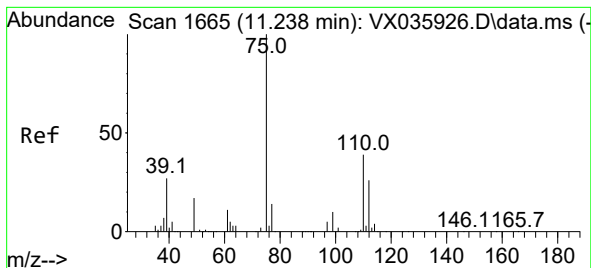
Tgt Ion:117 Resp: 328666
Ion Ratio Lower Upper
117 100
82 59.0 46.6 69.8
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035980.D
Acq: 02 Jun 2023 13:44

Tgt Ion:152 Resp: 150983
Ion Ratio Lower Upper
152 100
115 65.8 45.5 136.5
150 158.2 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 25.387 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035980.D

Acq: 02 Jun 2023 13:44

Instrument :

MSVOA_X

ClientSampleId :

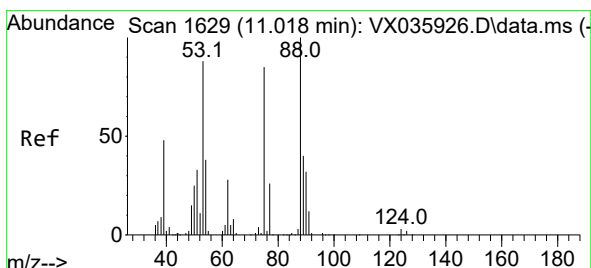
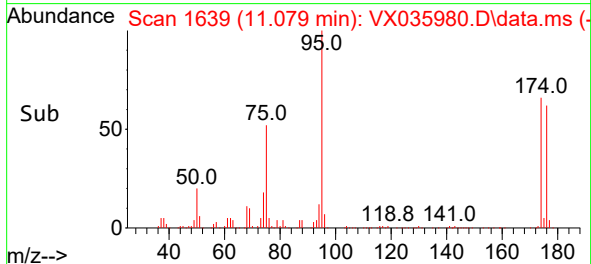
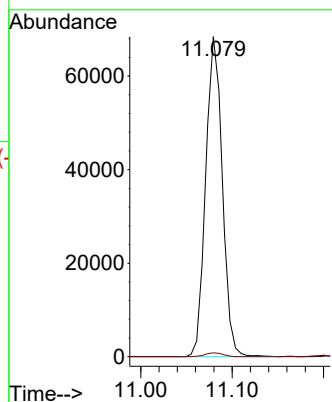
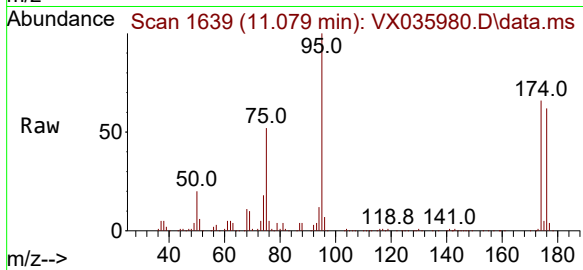
BP-VPB-RW11-GW-578-580

Tgt Ion: 75 Resp: 86450

Ion Ratio Lower Upper

75 100

77 1.3 21.4 64.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.510 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035980.D

Acq: 02 Jun 2023 13:44

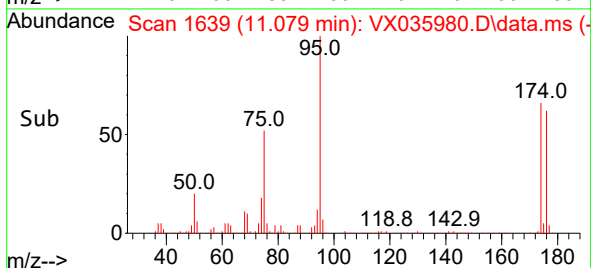
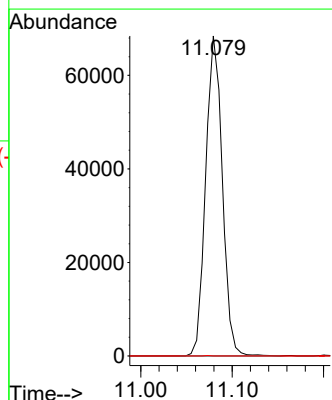
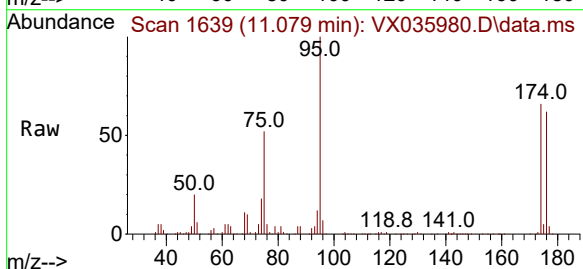
Tgt Ion: 75 Resp: 86450

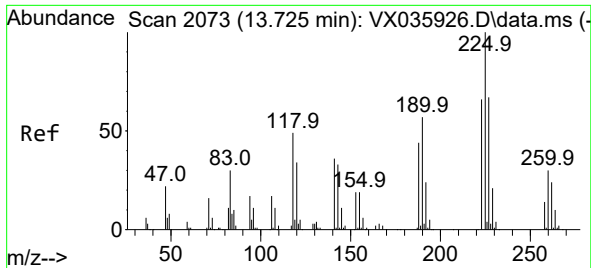
Ion Ratio Lower Upper

75 100

53 0.0 95.2 142.8#

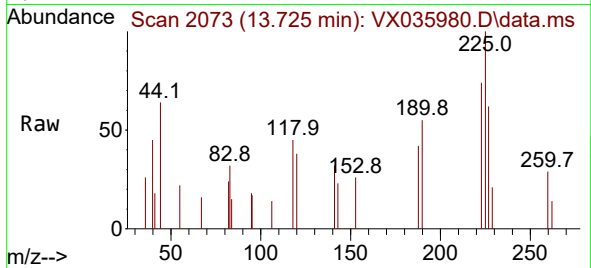
89 0.0 38.0 57.0#





#94
 Hexachlorobutadiene
 Concen: 0.431 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX035980.D
 Acq: 02 Jun 2023 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-578-580



Tgt Ion:	225	Resp:	472
Ion	Ratio	Lower	Upper
225	100		
223	71.8	32.6	97.7
227	65.3	31.9	95.7

