

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045581.D
 Acq On : 06 Nov 2021 00:36
 Operator : SY/MD
 Sample : M4508-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-498-500

Quant Time: Nov 06 21:50:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

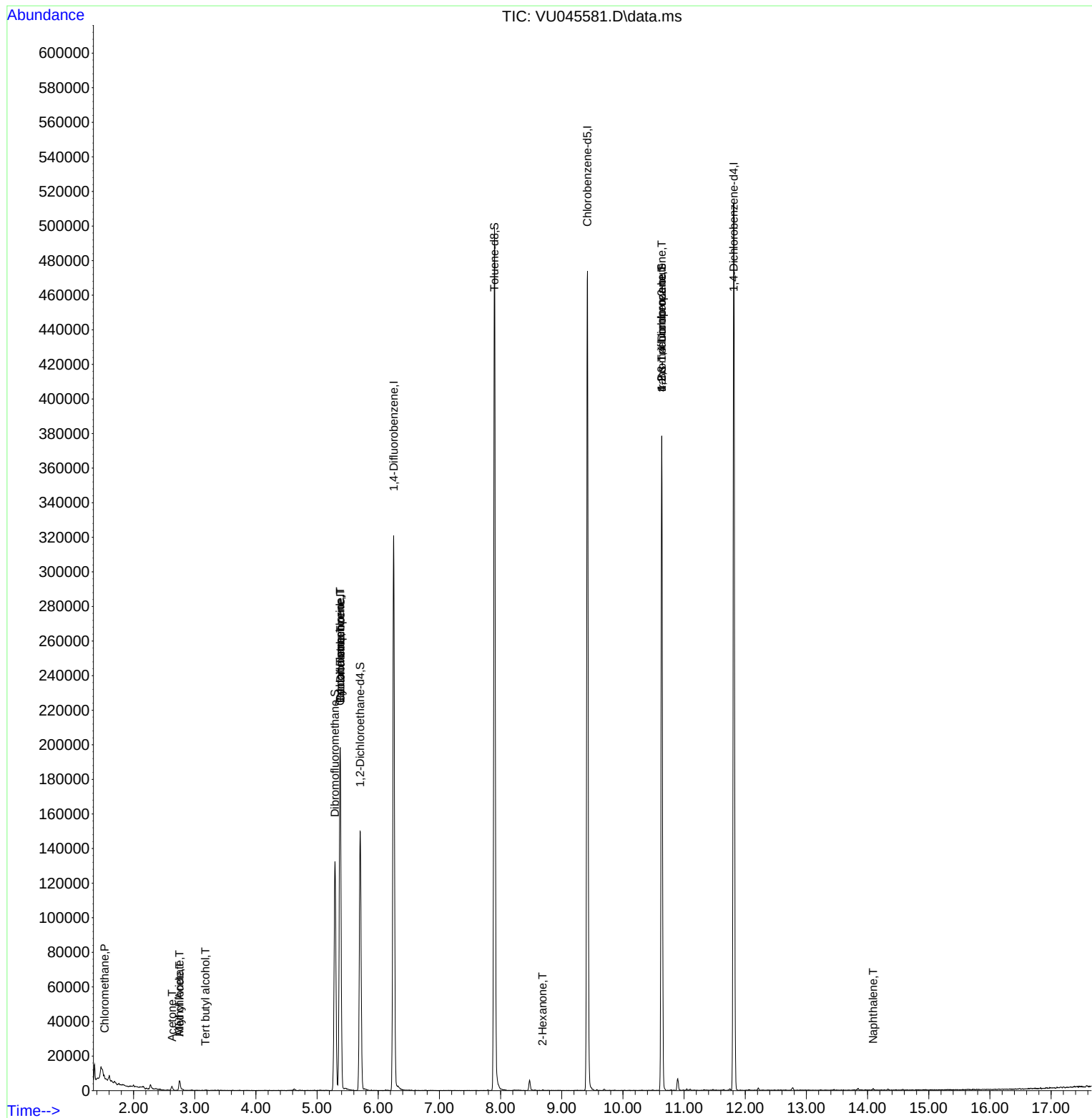
Internal Standards						
1) Pentafluorobenzene	5.378	168	130878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	252843	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	255265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	127316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	110235	56.241	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.480%			
35) Dibromofluoromethane	5.292	113	85086	50.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	7.899	98	331069	52.742	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.480%			
62) 4-Bromofluorobenzene	10.635	95	125260	49.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.520%			
Target Compounds						Qvalue
3) Chloromethane	1.526	50	568	0.293	ug/l #	41
11) Tert butyl alcohol	3.176	59	241	0.621	ug/l #	72
14) Allyl chloride	2.752	41	580	0.226	ug/l #	61
16) Acetone	2.629	43	2810	2.816	ug/l	97
18) Methyl Acetate	2.752	43	1649	0.485	ug/l #	50
31) Cyclohexane	5.378	56	3102	1.085	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	11549	4.684	ug/l #	49
38) Carbon Tetrachloride	5.375	117	14012	5.637	ug/l #	16
59) 2-Hexanone	8.687	43	251	7.633	ug/l #	43
76) 1,2,3-Trichloropropane	10.635	75	66057	17.109	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.635	75	66057	55.686	ug/l #	12
95) Naphthalene	14.092	128	949	1.119	ug/l #	80

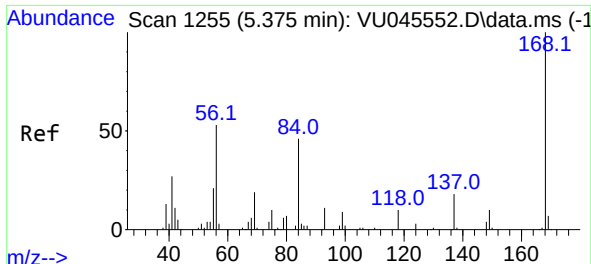
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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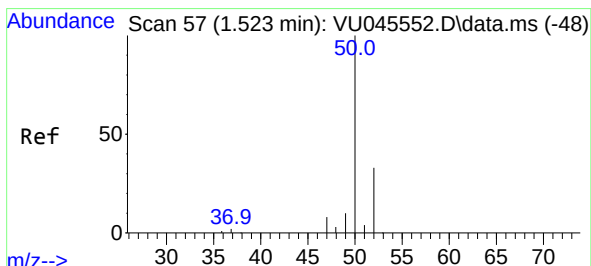
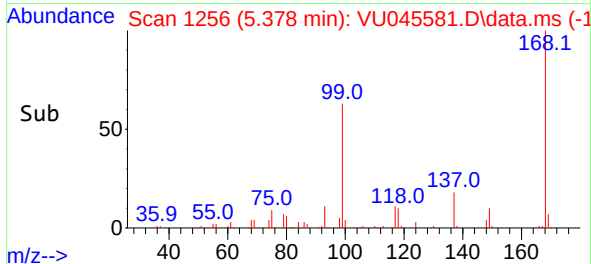
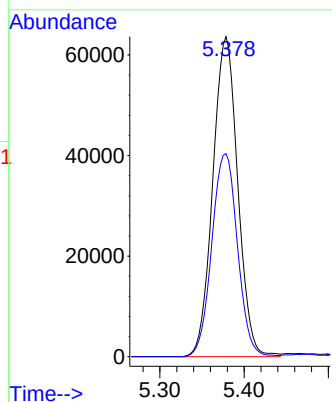
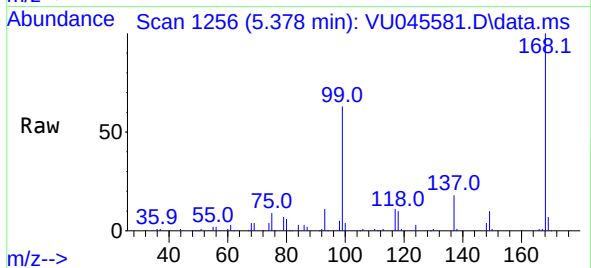




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

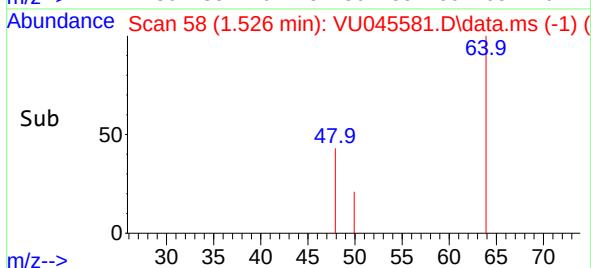
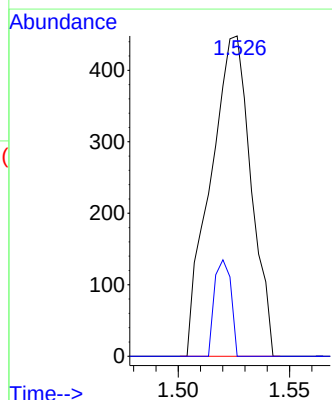
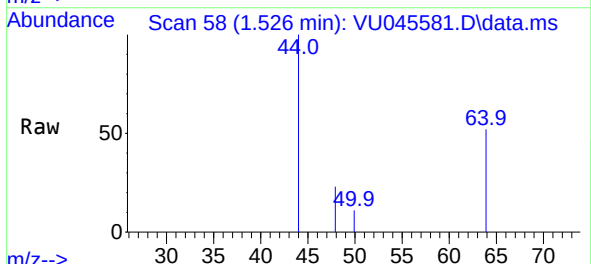
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-498-500

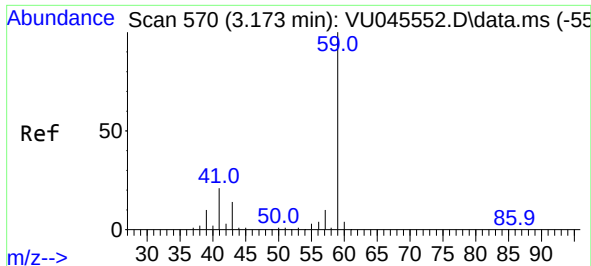
Tgt Ion:168 Resp: 130878
Ion Ratio Lower Upper
168 100
99 63.5 51.0 76.6



#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





#11

Tert butyl alcohol

Concen: 0.621 ug/l

RT: 3.176 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU045581.D

Acq: 06 Nov 2021 00:36

Instrument :

MSVOA_U

ClientSampleId :

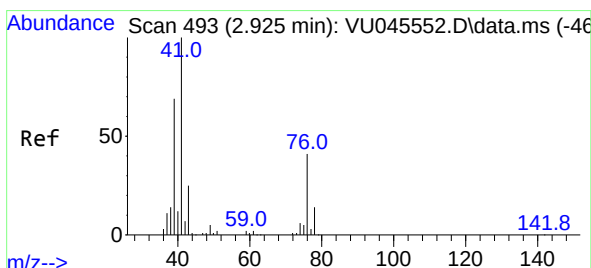
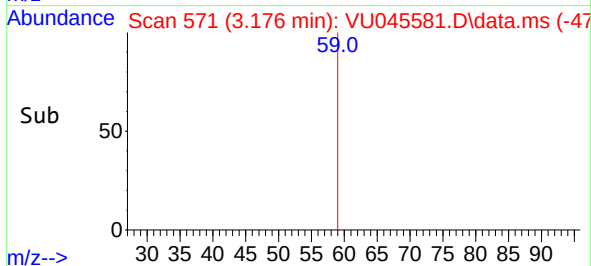
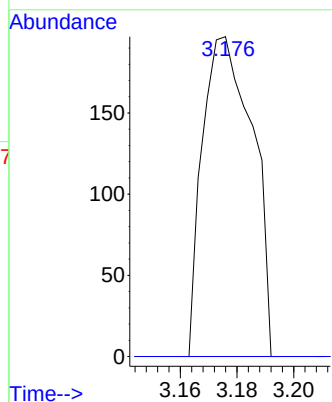
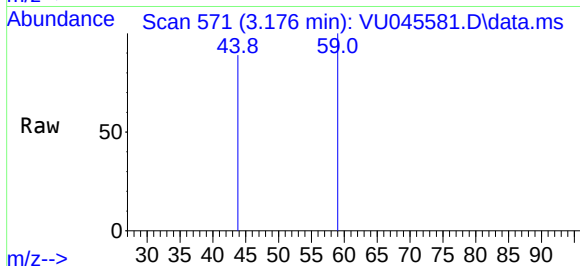
BP-VPB-RW9-GW-498-500

Tgt Ion: 59 Resp: 241

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.226 ug/l

RT: 2.752 min Scan# 439

Delta R.T. -0.174 min

Lab File: VU045581.D

Acq: 06 Nov 2021 00:36

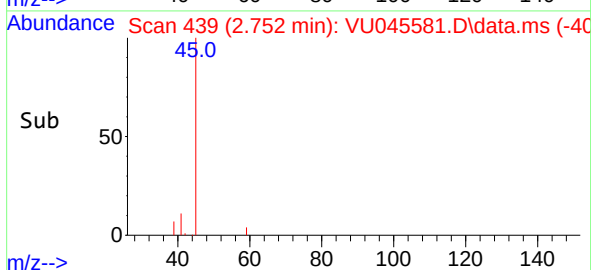
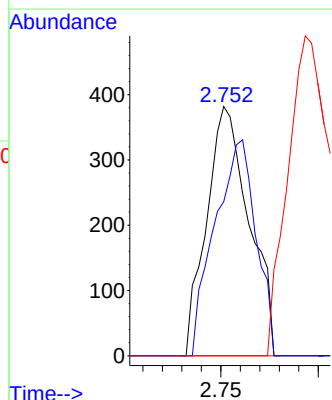
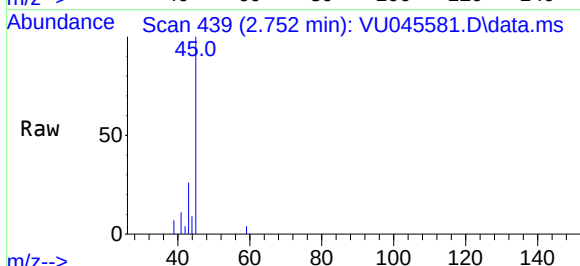
Tgt Ion: 41 Resp: 580

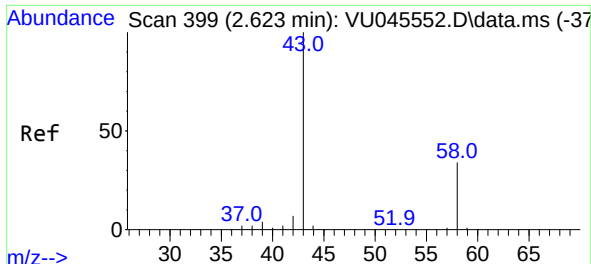
Ion Ratio Lower Upper

41 100

39 83.6 49.7 74.5#

76 0.0 27.7 41.5#

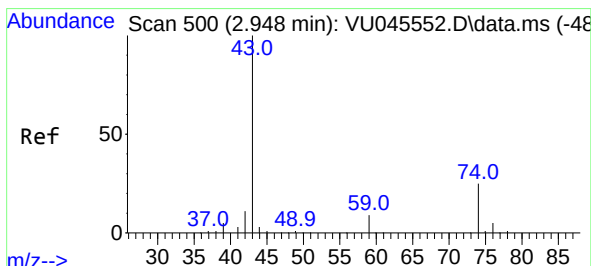
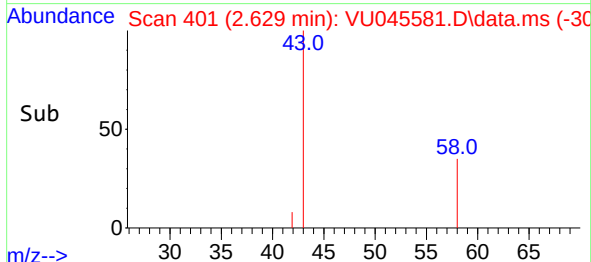
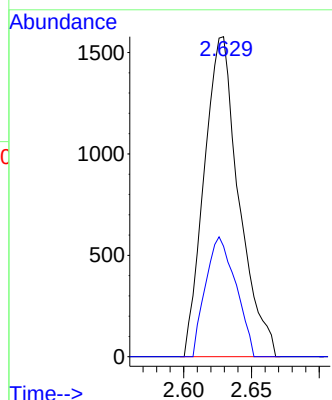
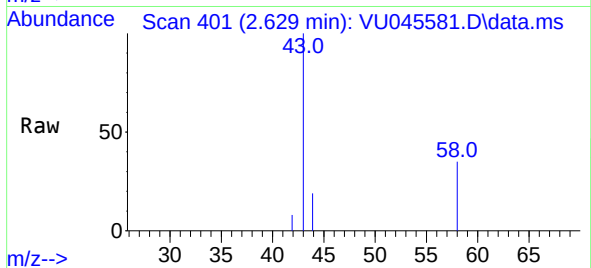




#16
Acetone
Concen: 2.816 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

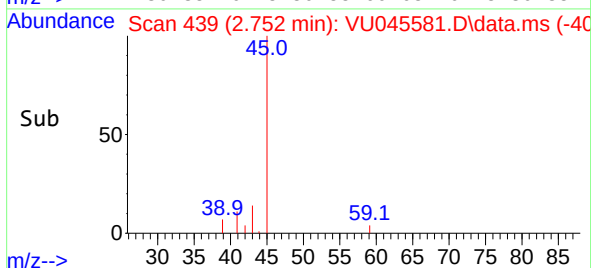
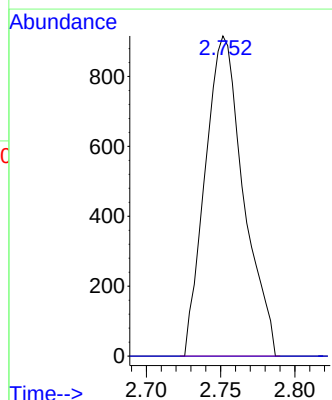
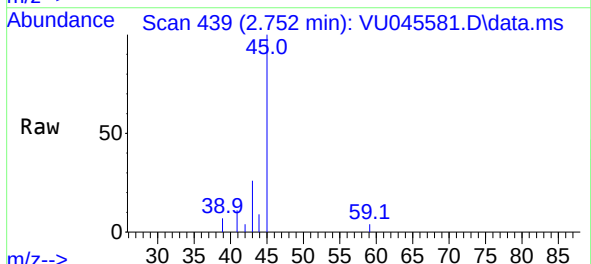
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-498-500

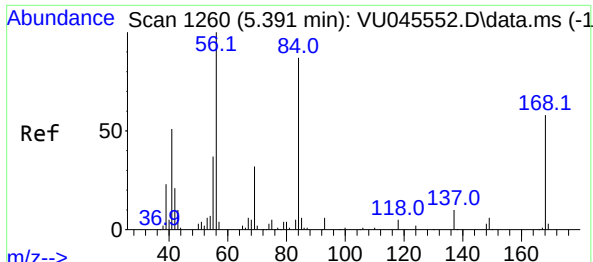
Tgt Ion: 43 Resp: 2810
Ion Ratio Lower Upper
43 100
58 34.5 26.2 39.2



#18
Methyl Acetate
Concen: 0.485 ug/l
RT: 2.752 min Scan# 439
Delta R.T. -0.196 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

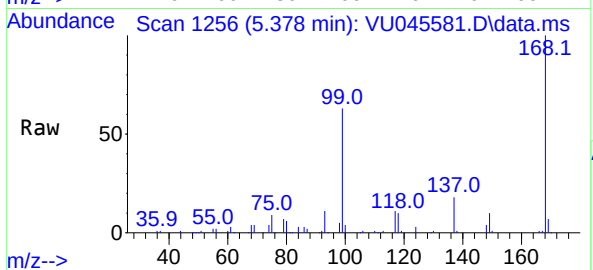
Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



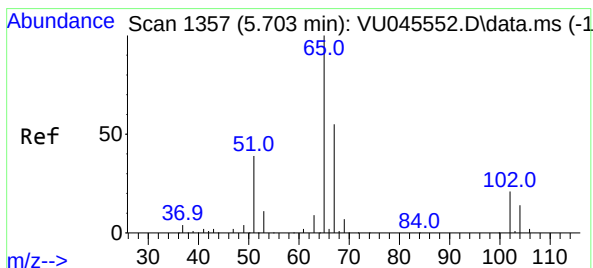
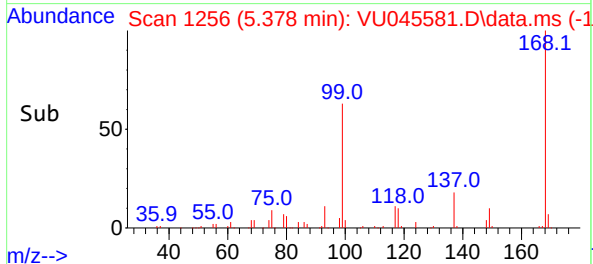
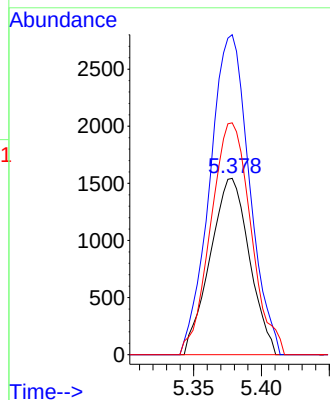


#31
Cyclohexane
Concen: 1.085 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-498-500

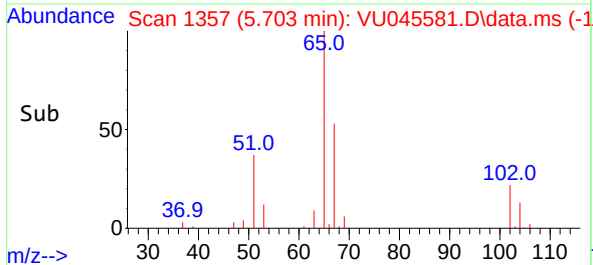
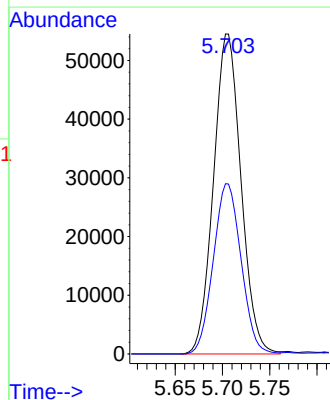
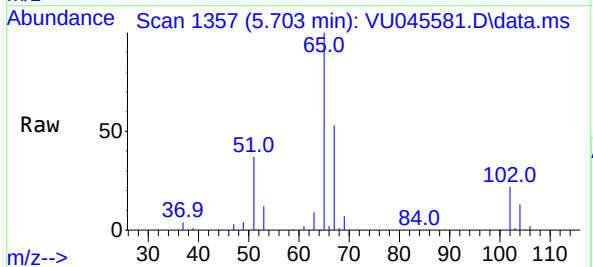


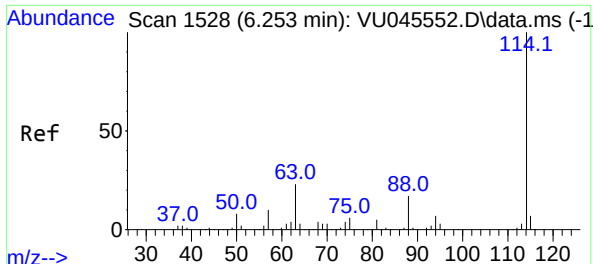
Tgt Ion: 56 Resp: 3102
Ion Ratio Lower Upper
56 100
69 181.5 26.4 39.6#
84 131.5 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 56.241 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

Tgt Ion: 65 Resp: 110235
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045581.D

Acq: 06 Nov 2021 00:36

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-498-500

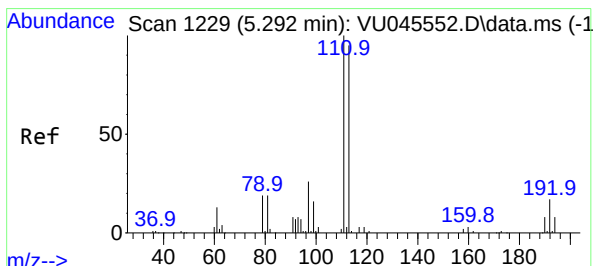
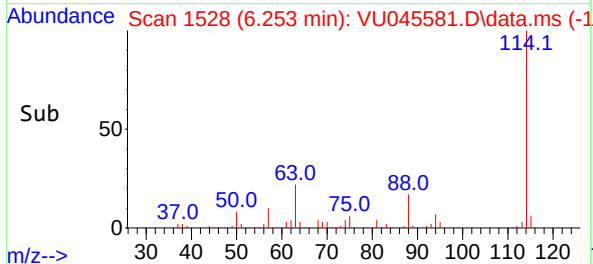
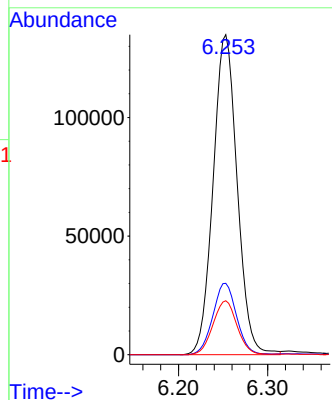
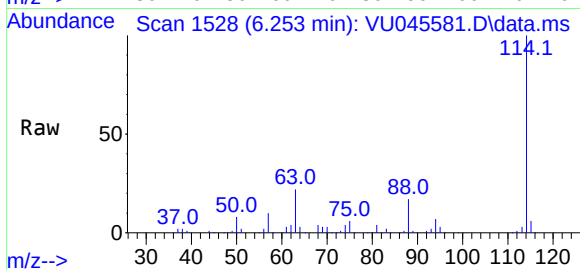
Tgt Ion:114 Resp: 252843

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.403 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045581.D

Acq: 06 Nov 2021 00:36

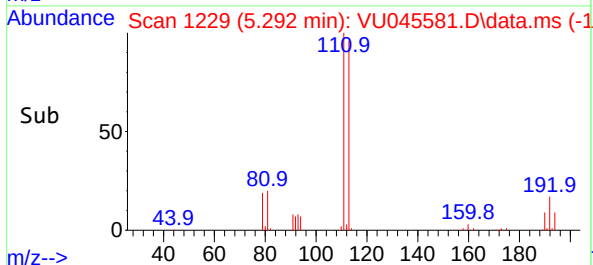
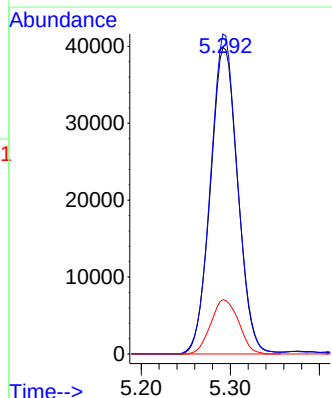
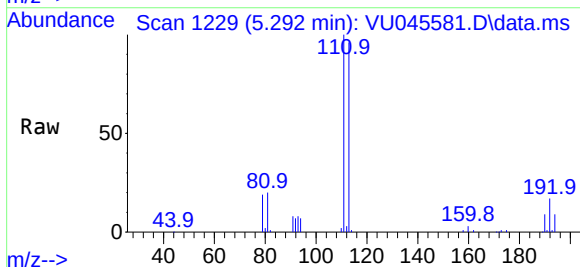
Tgt Ion:113 Resp: 85086

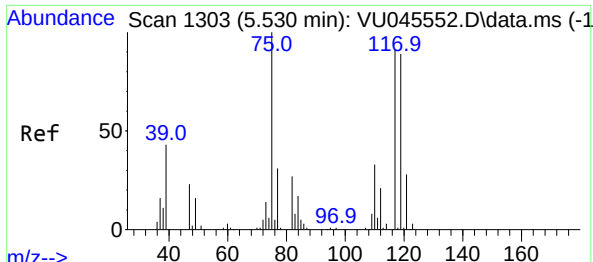
Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 18.0 14.8 22.2

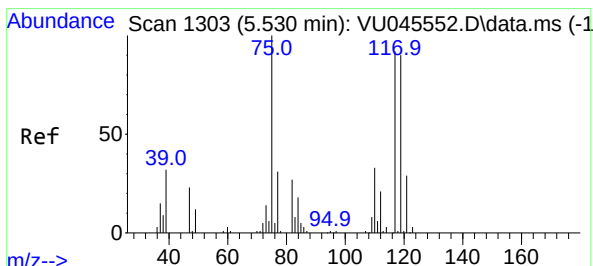
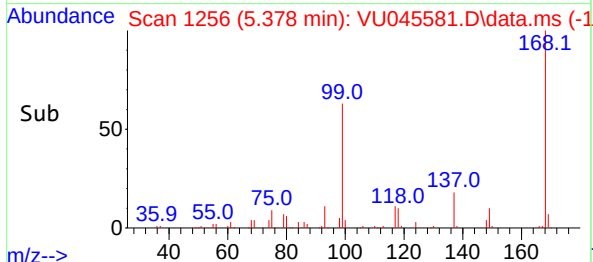
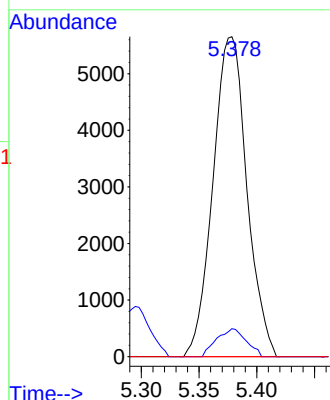
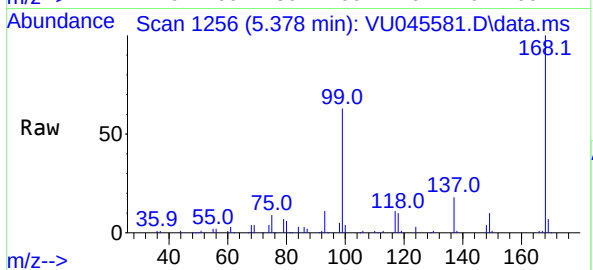




#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 5.378 min Scan# 11549
Delta R.T. -0.151 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

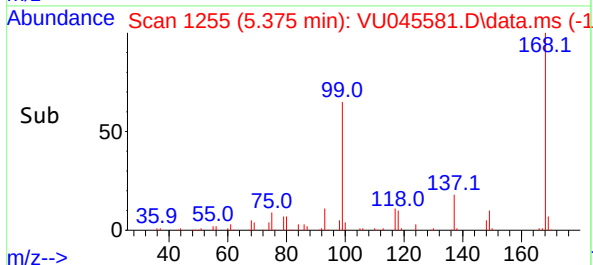
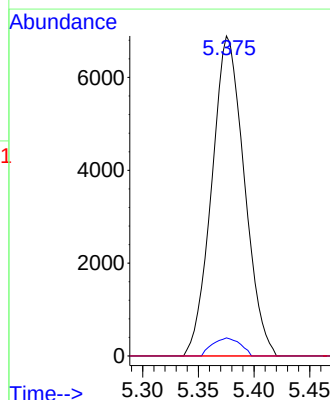
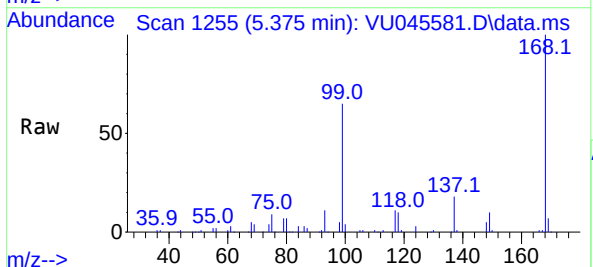
Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-498-500

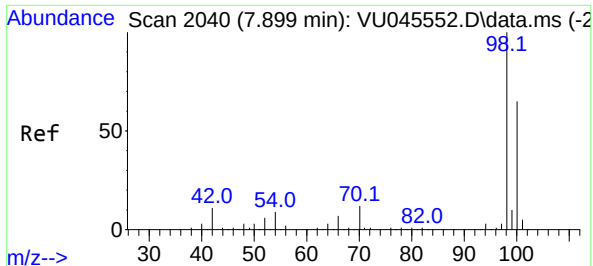
Tgt Ion: 75 Resp: 11549
Ion Ratio Lower Upper
75 100
110 7.6 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.637 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

Tgt Ion: 117 Resp: 14012
Ion Ratio Lower Upper
117 100
119 5.7 77.4 116.0#
121 0.0 24.8 37.2#

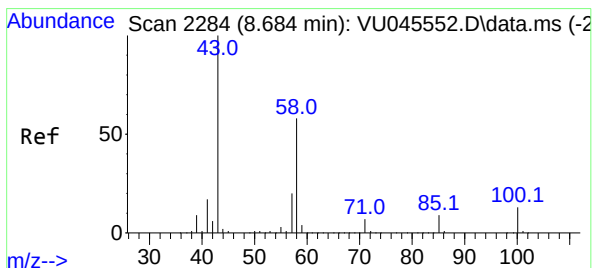
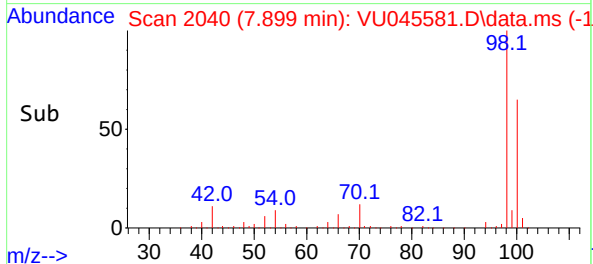
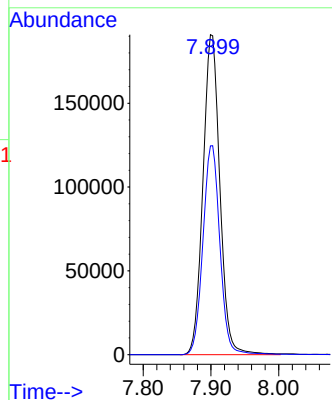
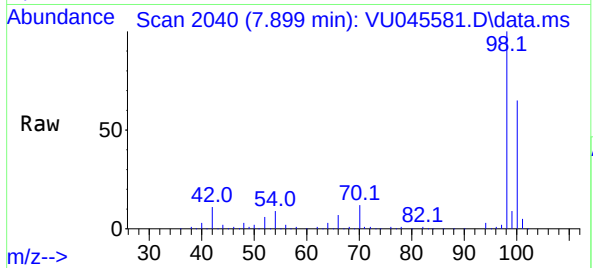




#50
Toluene-d8
Concen: 52.742 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

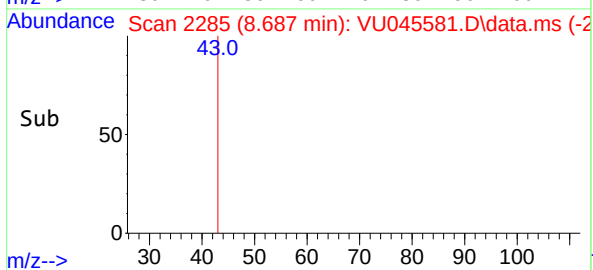
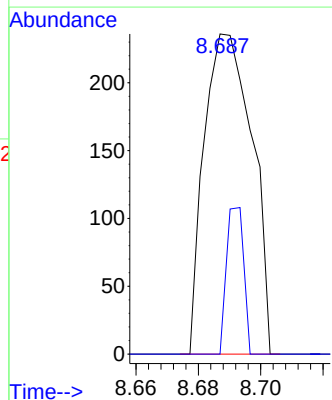
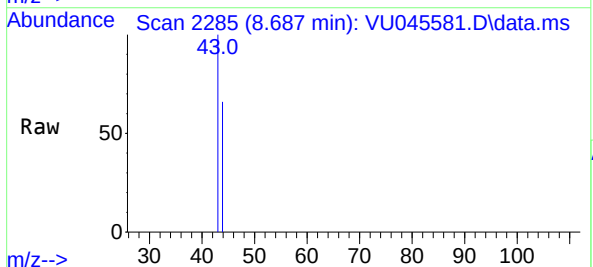
Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-498-500

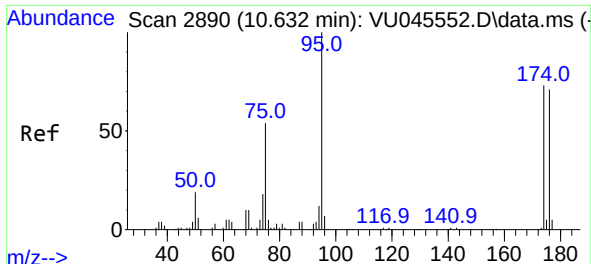
Tgt Ion: 98 Resp: 331069
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#59
2-Hexanone
Concen: 7.633 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
58 16.3 29.5 88.6#

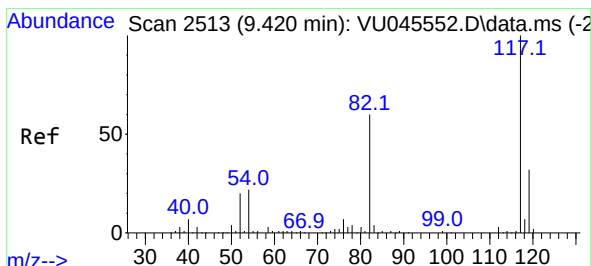
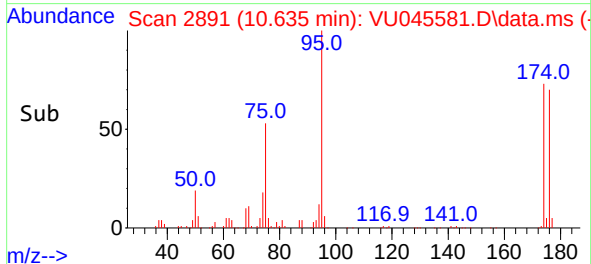
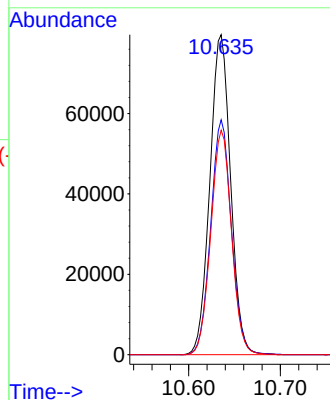
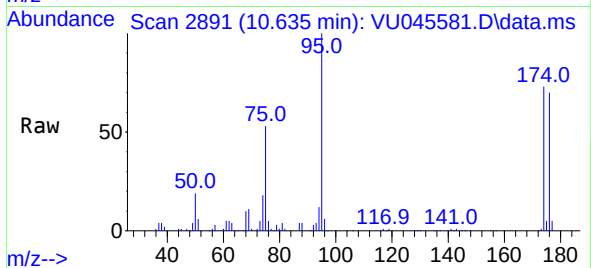




#62
4-Bromofluorobenzene
Concen: 49.763 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

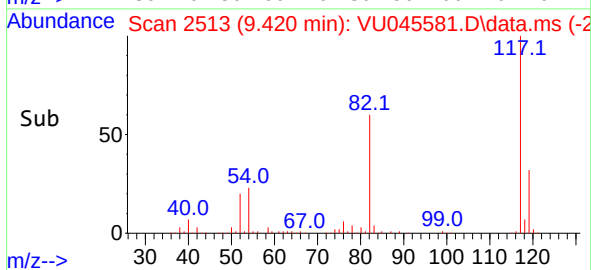
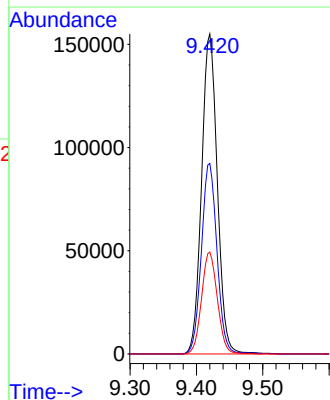
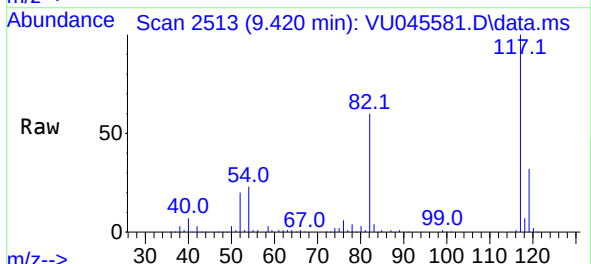
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MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-498-500

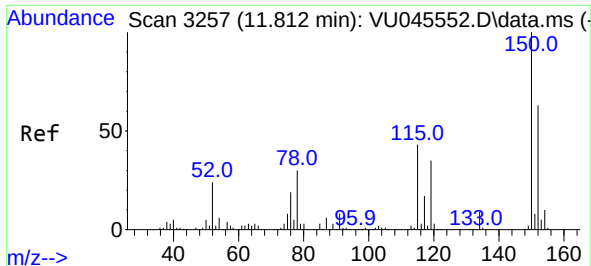
Tgt Ion: 95 Resp: 125260
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 69.9 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

Tgt Ion: 117 Resp: 255265
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.8
119 31.9 25.8 38.8

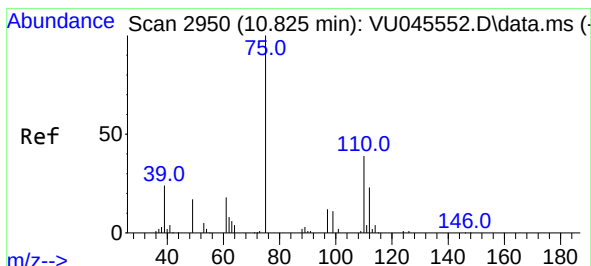
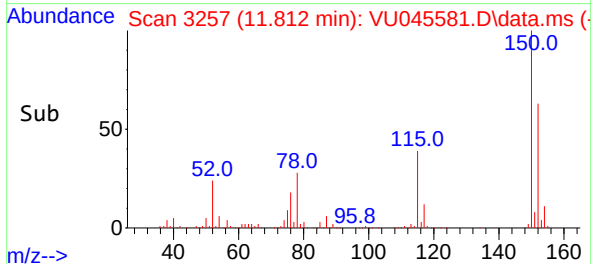
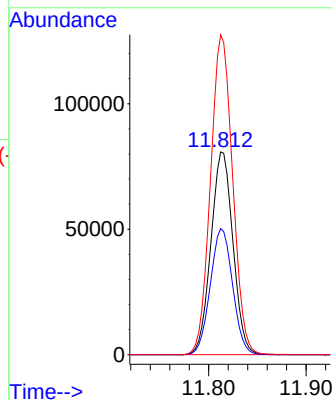
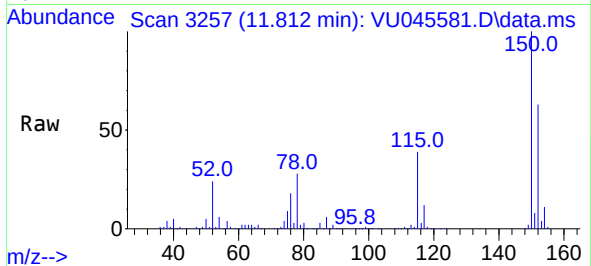




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

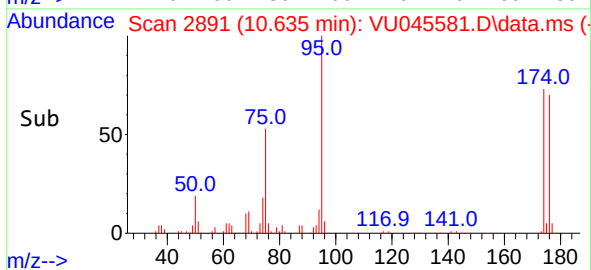
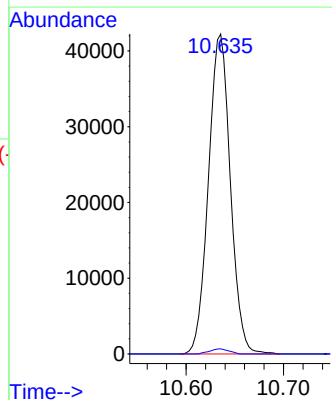
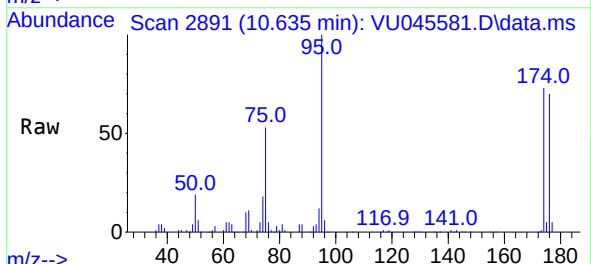
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-498-500

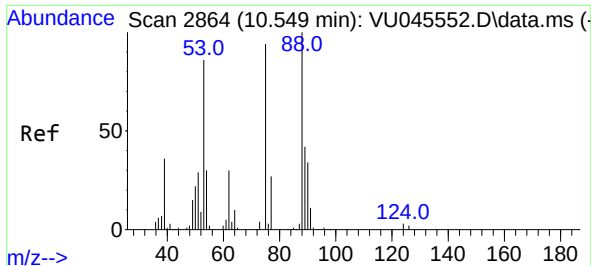
Tgt Ion:152 Resp: 127316
Ion Ratio Lower Upper
152 100
115 62.7 42.7 128.1
150 158.0 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.109 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

Tgt Ion: 75 Resp: 66057
Ion Ratio Lower Upper
75 100
77 1.4 17.1 51.3#

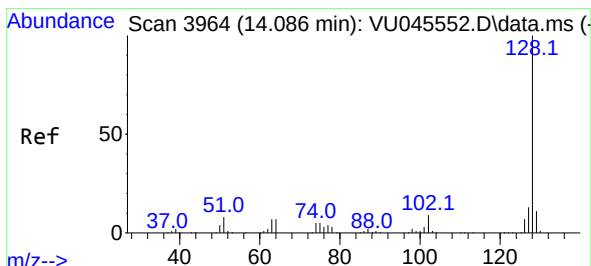
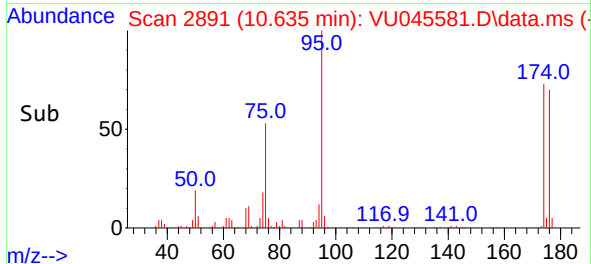
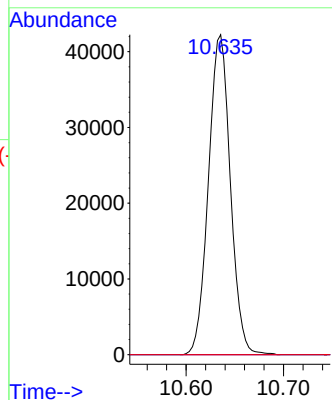
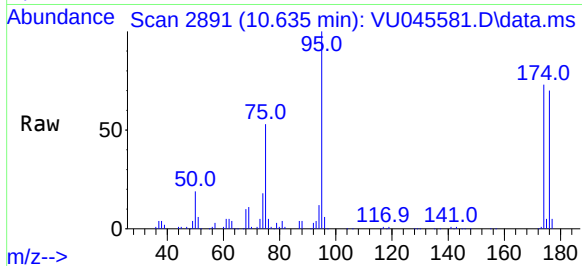




#81
trans-1,4-Dichloro-2-butene
Concen: 55.686 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-498-500

Tgt Ion: 75 Resp: 66057
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.119 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045581.D
Acq: 06 Nov 2021 00:36

Tgt Ion: 128 Resp: 949
Ion Ratio Lower Upper
128 100
127 6.5 10.6 15.8#
129 2.1 8.6 13.0#

