

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045497.D
 Acq On : 01 Nov 2021 19:17
 Operator : SY/MD
 Sample : M4431-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-383-385

Quant Time: Nov 02 07:36:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

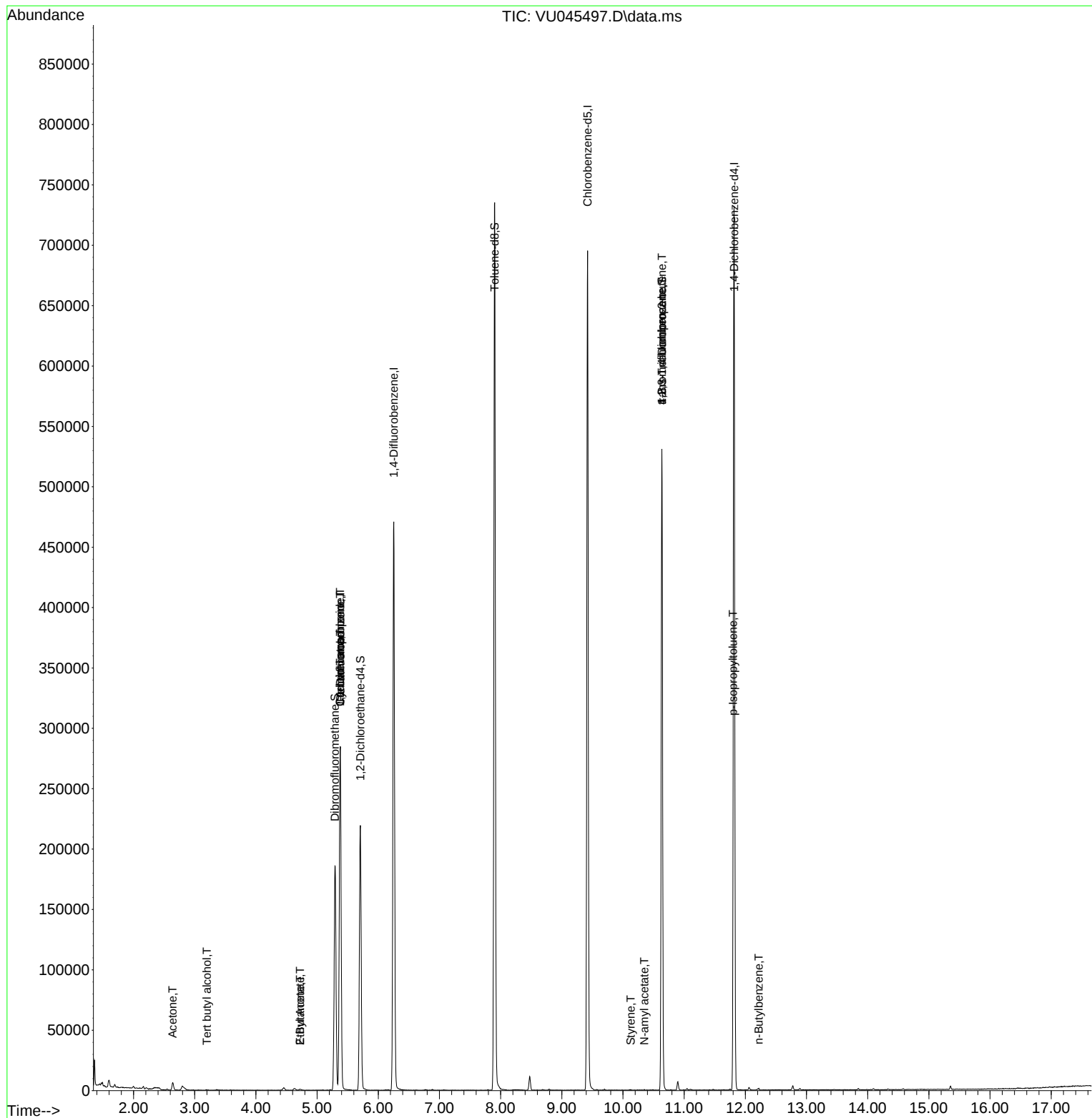
Internal Standards						
1) Pentafluorobenzene	5.379	168	191309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	373842	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	371850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	181084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	162239	52.090	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.180%	
35) Dibromofluoromethane	5.292	113	120711	50.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.560%	
50) Toluene-d8	7.903	98	480325	51.529	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	10.636	95	185516	52.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.199	59	389	0.579	ug/l #	72
16) Acetone	2.639	43	8099	5.728	ug/l	99
25) 2-Butanone	4.720	43	1416	0.663	ug/l #	88
31) Cyclohexane	5.376	56	4599	0.992	ug/l #	1
36) 1,1-Dichloropropene	5.376	75	17155	4.821	ug/l #	49
37) Ethyl Acetate	4.720	43	1416	0.329	ug/l #	67
38) Carbon Tetrachloride	5.376	117	19947	6.427	ug/l #	16
70) Styrene	10.125	104	184	0.997	ug/l #	57
74) N-amyl acetate	10.350	43	49	1.163	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	95464	19.786	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	95464	54.986	ug/l #	12
86) p-Isopropyltoluene	11.800	119	284	0.212	ug/l #	1
89) n-Butylbenzene	12.218	91	556	0.987	ug/l #	83

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
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QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

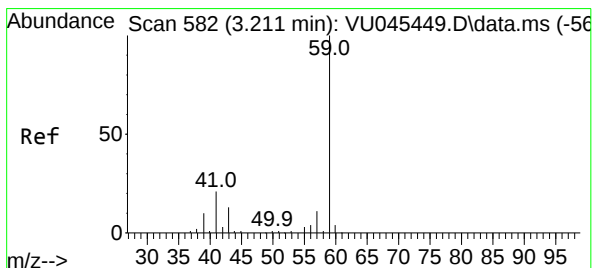
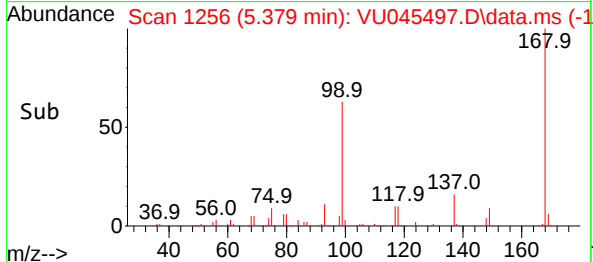
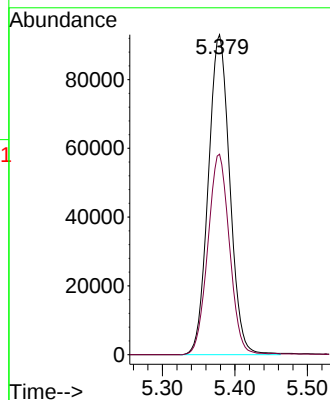
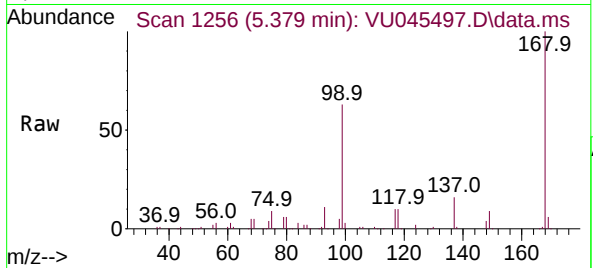




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

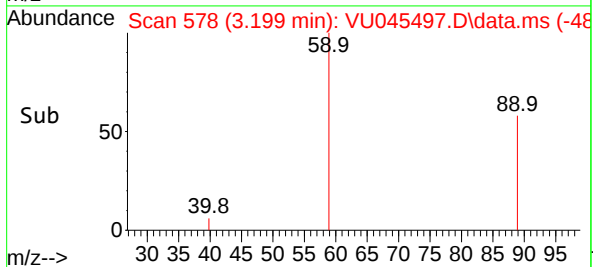
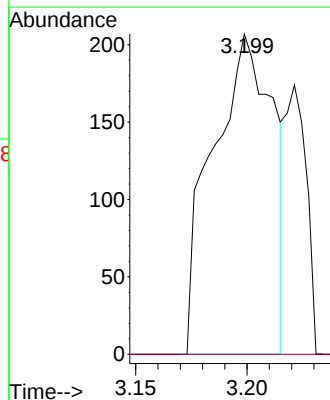
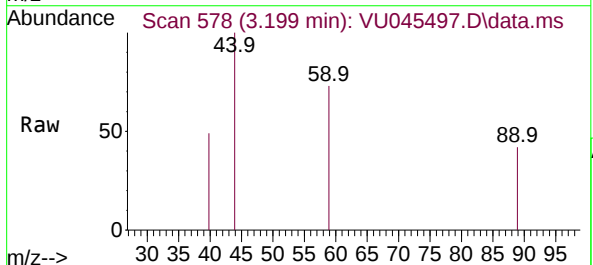
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-383-385

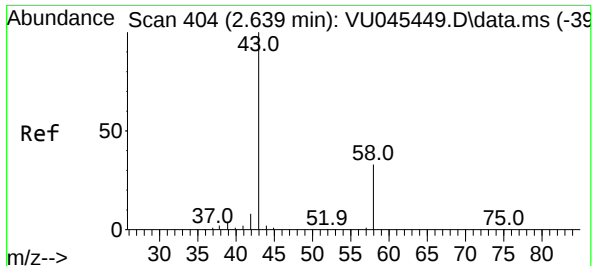
Tgt Ion:168 Resp: 191309
Ion Ratio Lower Upper
168 100
99 62.6 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.579 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.013 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

Tgt Ion: 59 Resp: 389
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

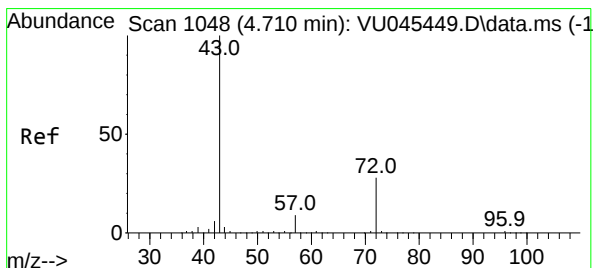
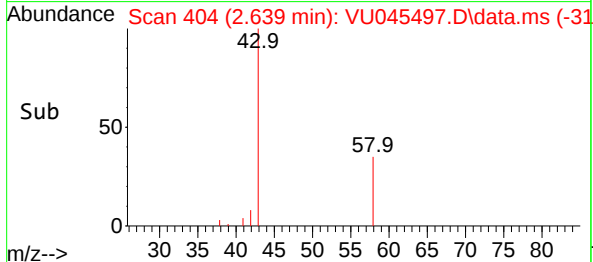
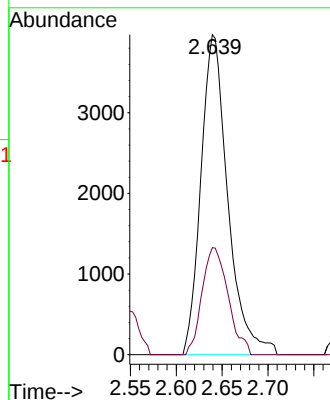
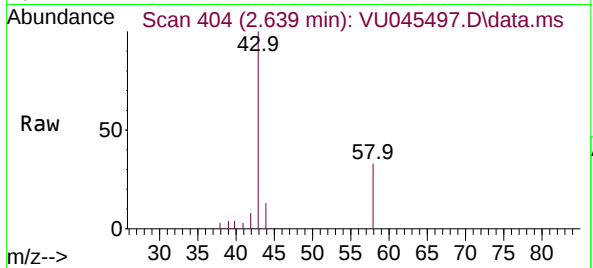




#16
Acetone
Concen: 5.728 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

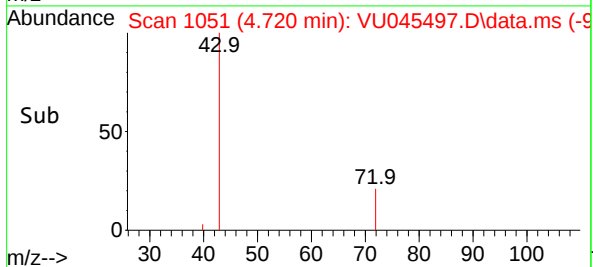
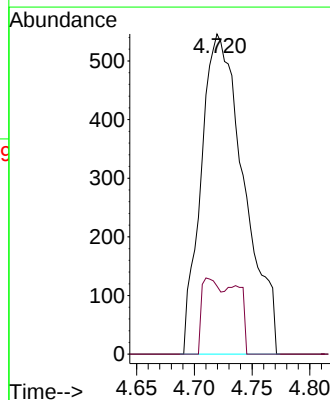
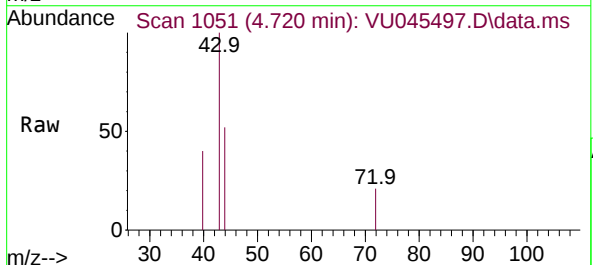
Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-383-385

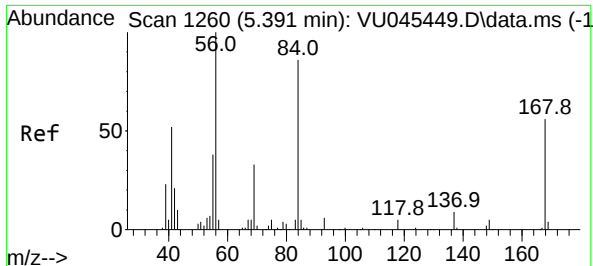
Tgt Ion: 43 Resp: 8099
Ion Ratio Lower Upper
43 100
58 33.5 26.2 39.2



#25
2-Butanone
Concen: 0.663 ug/l
RT: 4.720 min Scan# 1051
Delta R.T. 0.010 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

Tgt Ion: 43 Resp: 1416
Ion Ratio Lower Upper
43 100
72 21.2 22.0 33.0#

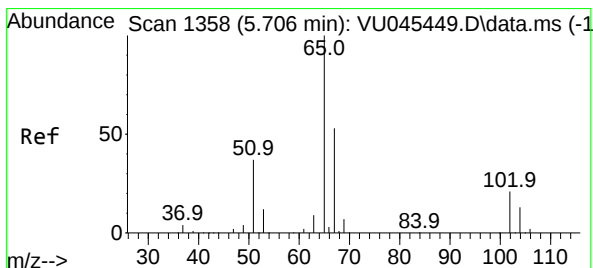
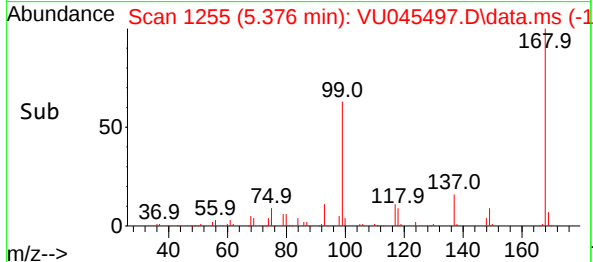
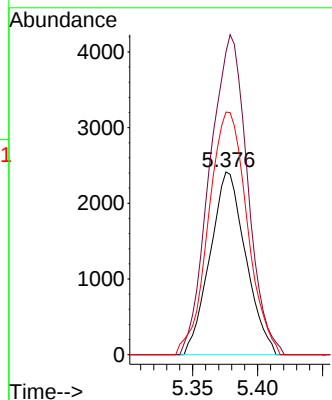
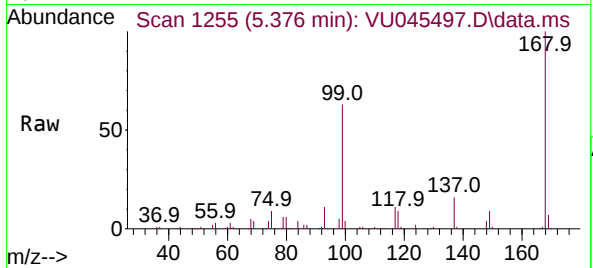




#31
Cyclohexane
Concen: 0.992 ug/l
RT: 5.376 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

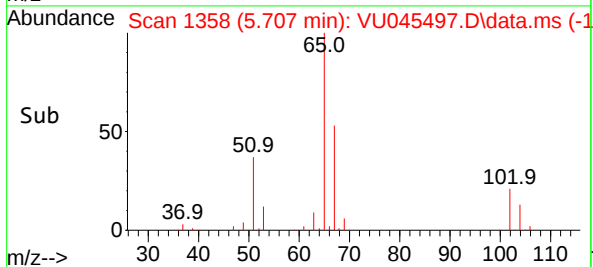
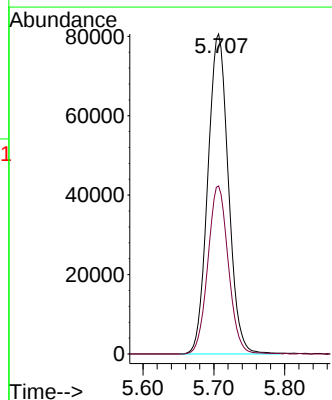
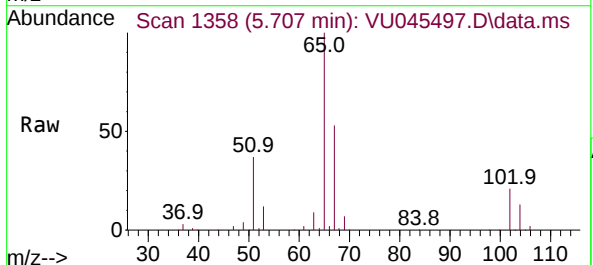
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-383-385

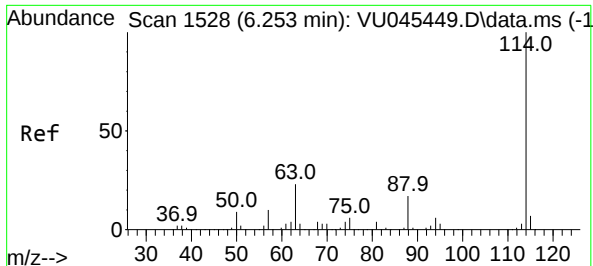
Tgt Ion: 56 Resp: 4599
Ion Ratio Lower Upper
56 100
69 165.6 26.4 39.6#
84 132.8 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 52.090 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

Tgt Ion: 65 Resp: 162239
Ion Ratio Lower Upper
65 100
67 52.3 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: VU045497.D

Acq: 01 Nov 2021 19:17

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-383-385

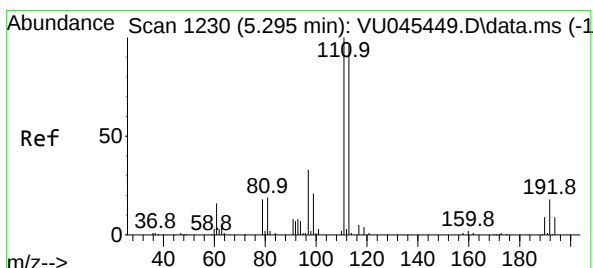
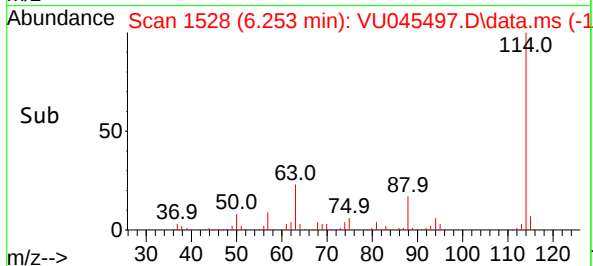
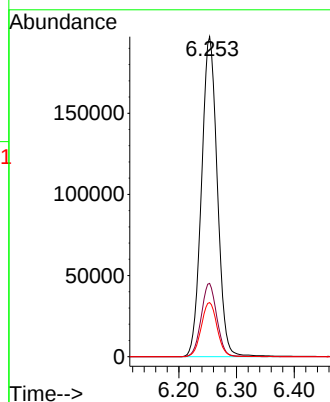
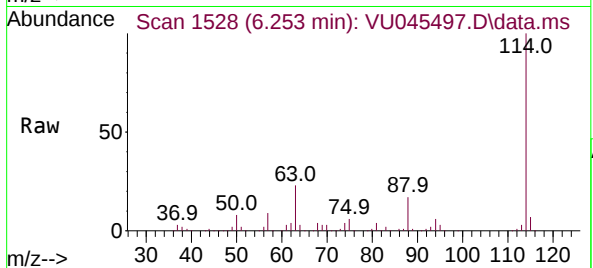
Tgt Ion:114 Resp: 373842

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.782 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU045497.D

Acq: 01 Nov 2021 19:17

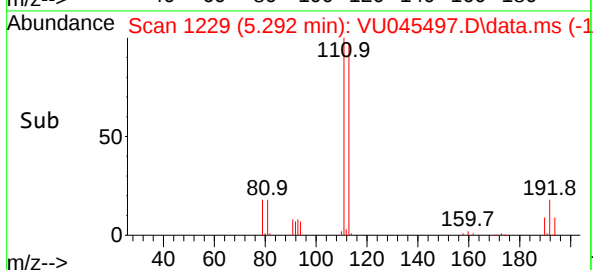
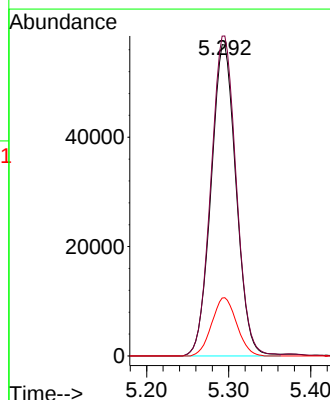
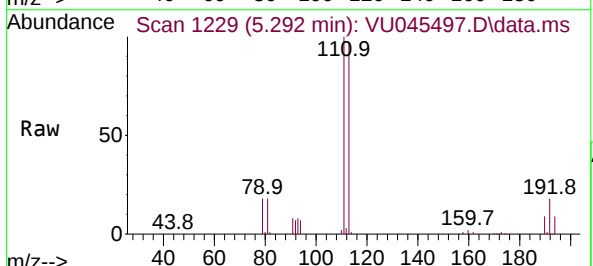
Tgt Ion:113 Resp: 120711

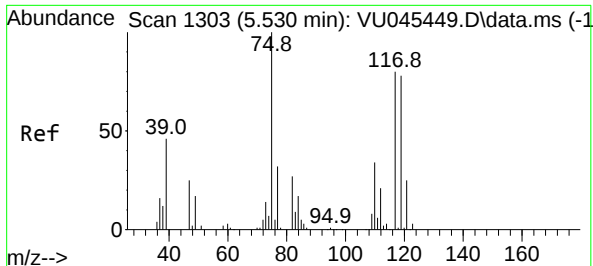
Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

192 18.7 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.821 ug/l

RT: 5.376 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045497.D

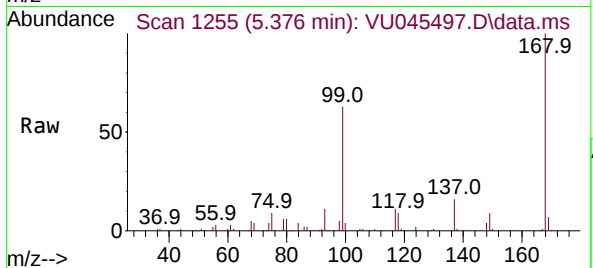
Acq: 01 Nov 2021 19:17

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-383-385



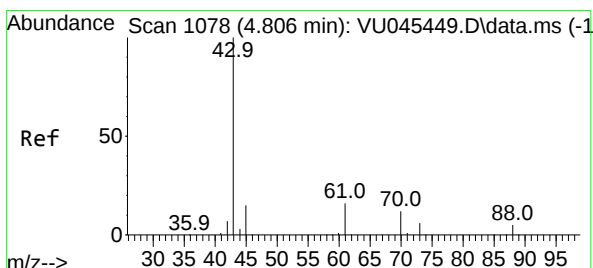
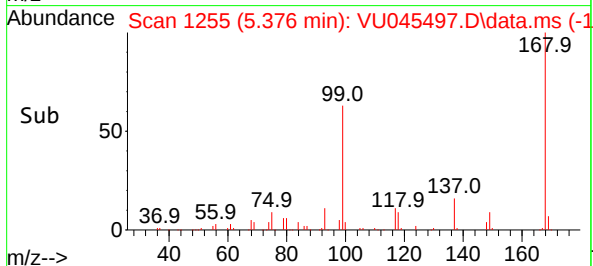
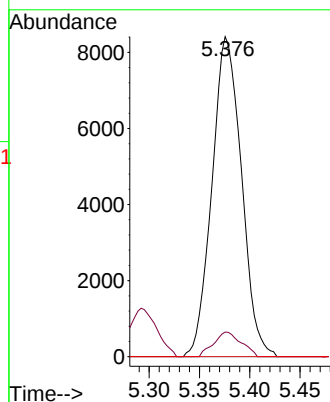
Tgt Ion: 75 Resp: 17155

Ion Ratio Lower Upper

75 100

110 7.2 16.7 50.0#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.329 ug/l

RT: 4.720 min Scan# 1051

Delta R.T. -0.087 min

Lab File: VU045497.D

Acq: 01 Nov 2021 19:17

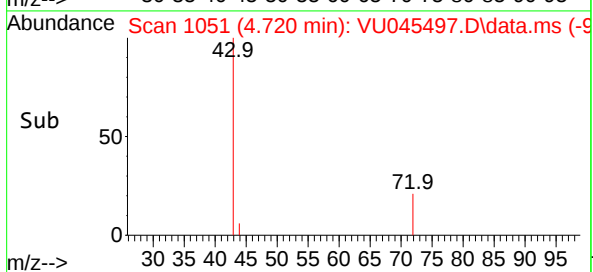
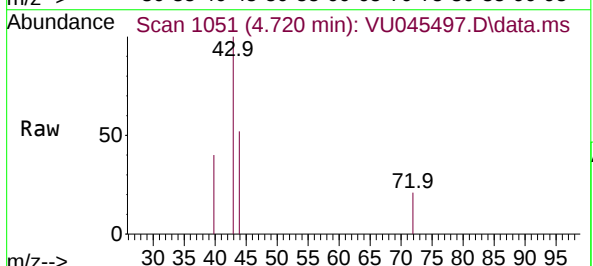
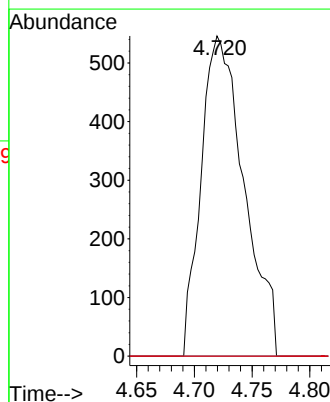
Tgt Ion: 43 Resp: 1416

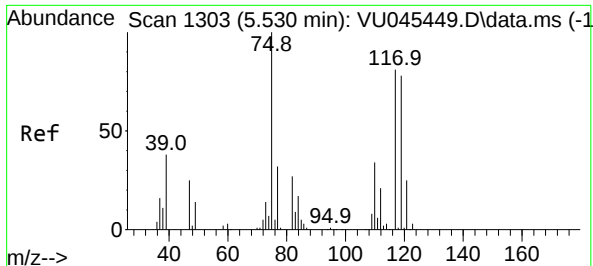
Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

70 0.0 9.1 13.7#

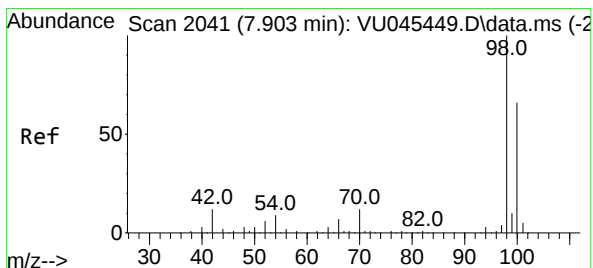
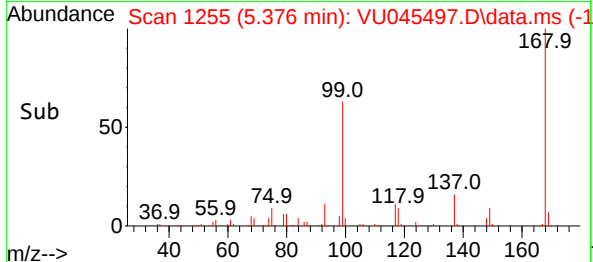
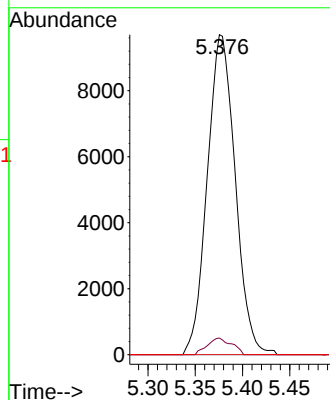
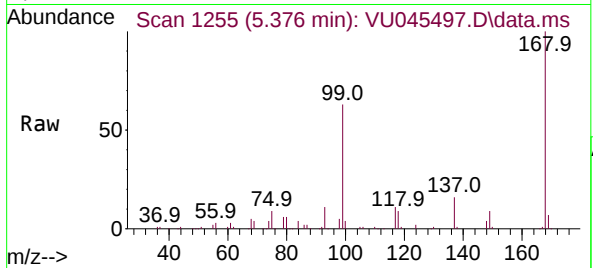




#38
Carbon Tetrachloride
Concen: 6.427 ug/l
RT: 5.376 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

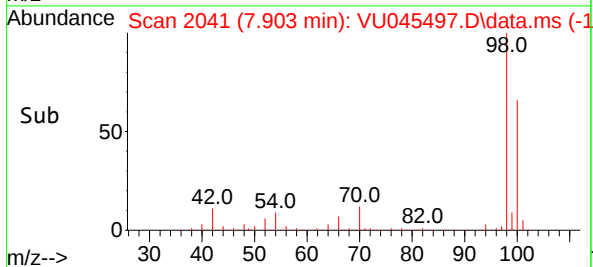
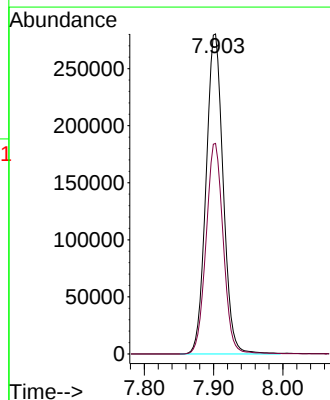
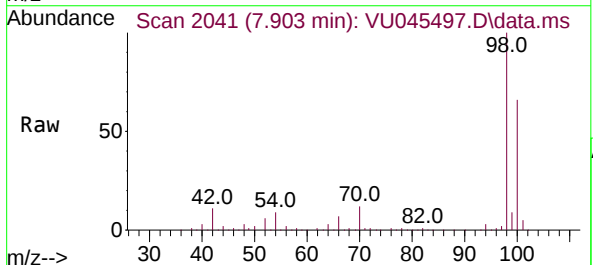
Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-383-385

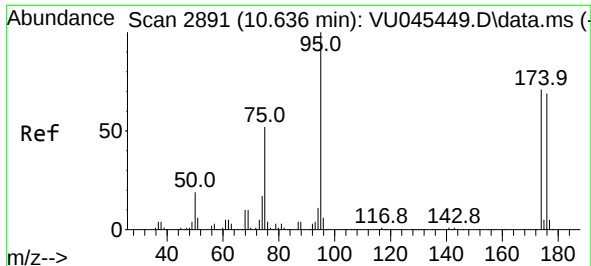
Tgt Ion:117 Resp: 19947
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.529 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

Tgt Ion: 98 Resp: 480325
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

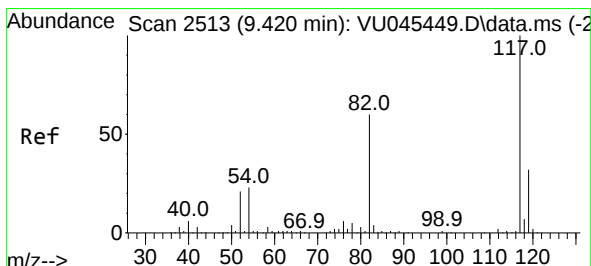
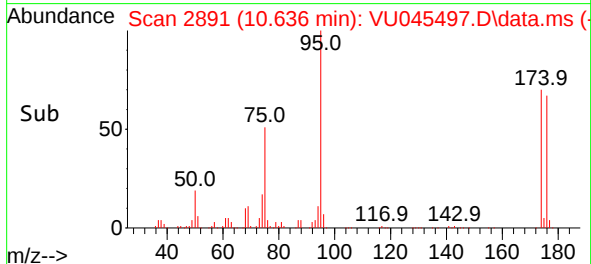
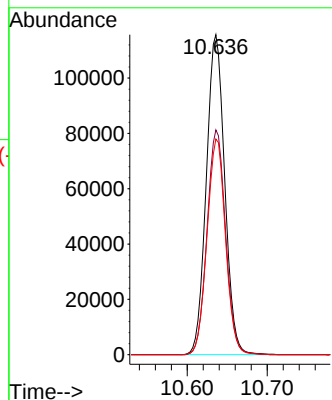
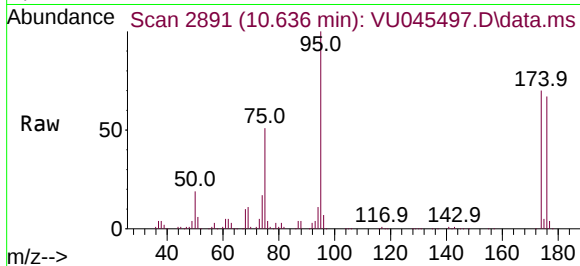




#62
4-Bromofluorobenzene
Concen: 52.229 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

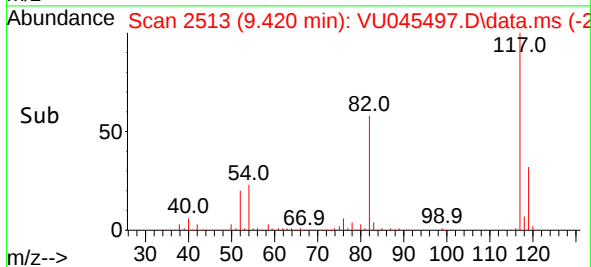
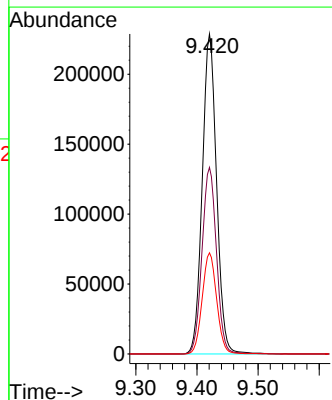
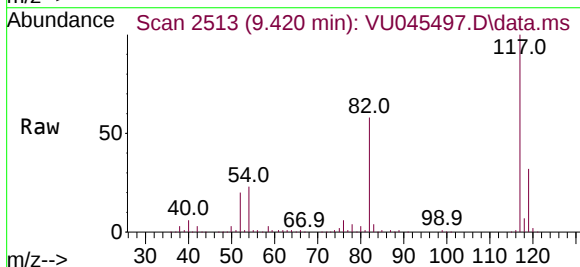
Instrument :
MSVOA_U
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BP-VPB-RW9-GW-383-385

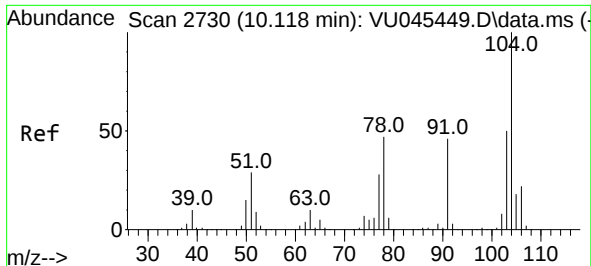
Tgt Ion: 95 Resp: 185516
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.8
176 67.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

Tgt Ion: 117 Resp: 371850
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.8
119 31.6 25.8 38.8

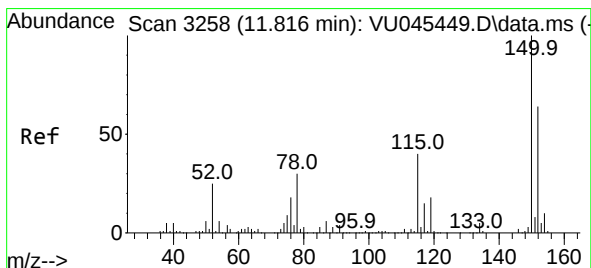
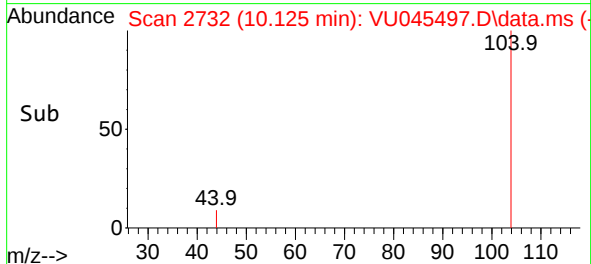
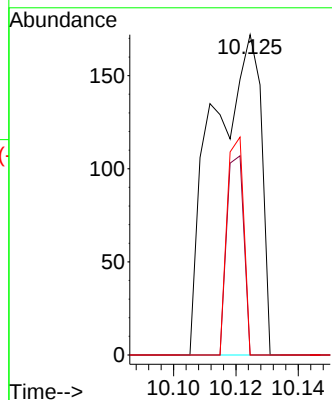
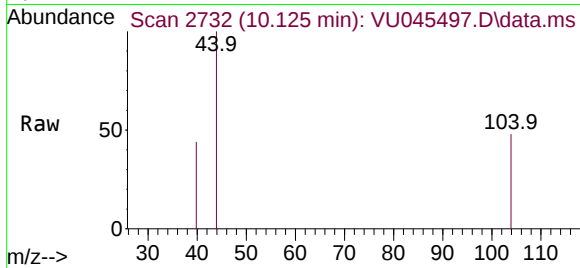




#70
Styrene
Concen: 0.997 ug/l
RT: 10.125 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

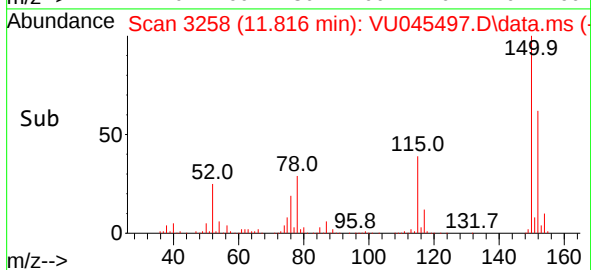
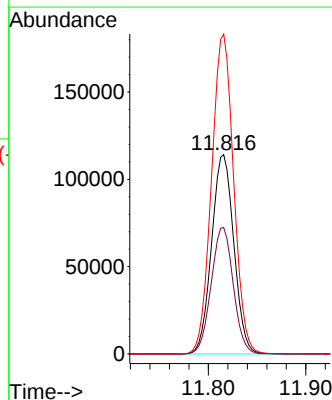
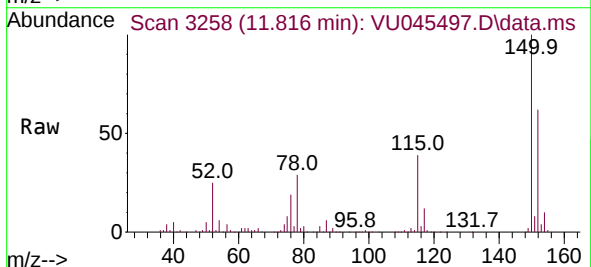
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-383-385

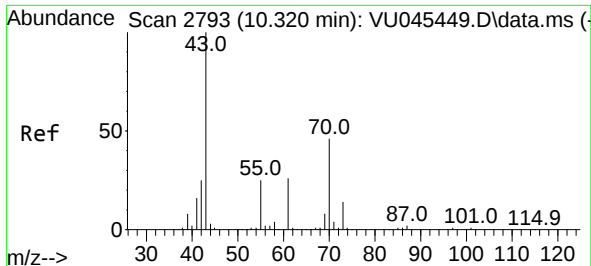
Tgt Ion:104 Resp: 184
Ion Ratio Lower Upper
104 100
78 22.3 41.8 62.6#
103 23.9 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

Tgt Ion:152 Resp: 181084
Ion Ratio Lower Upper
152 100
115 63.0 42.7 128.1
150 159.4 0.0 346.8

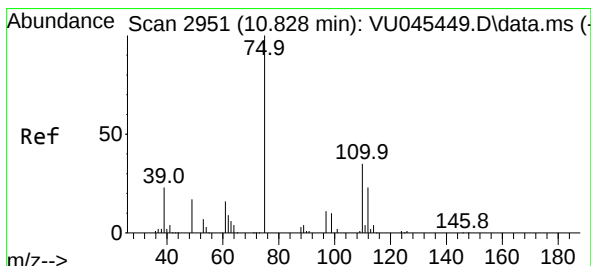
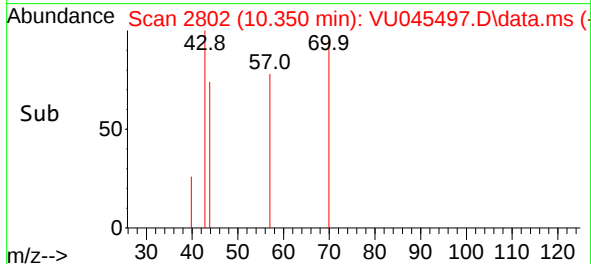
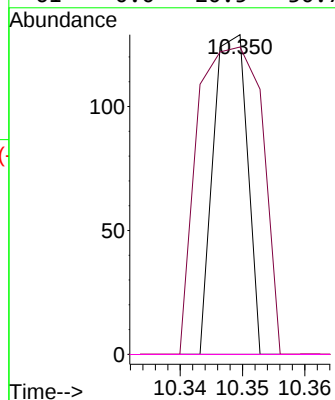
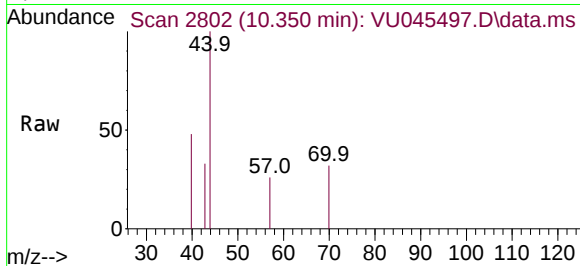




#74
N-amy1 acetate
Concen: 1.163 ug/l
RT: 10.350 min Scan# 2802
Delta R.T. 0.030 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

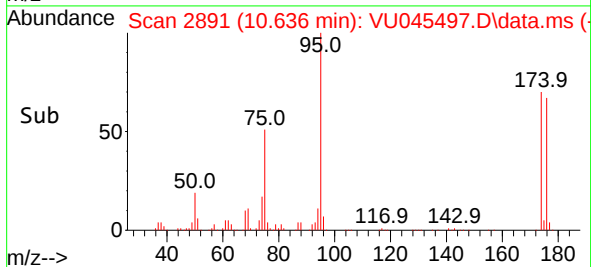
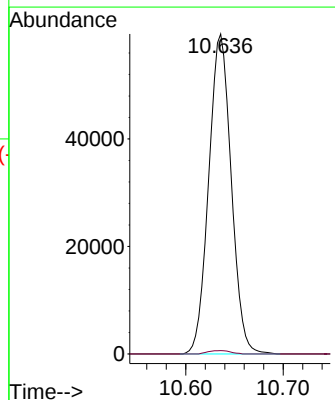
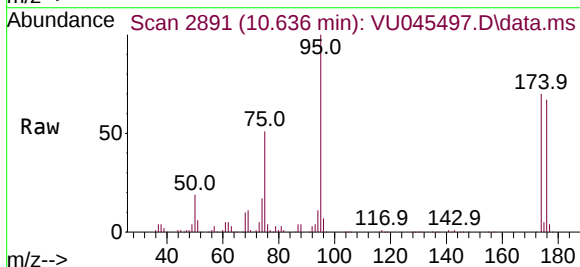
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-383-385

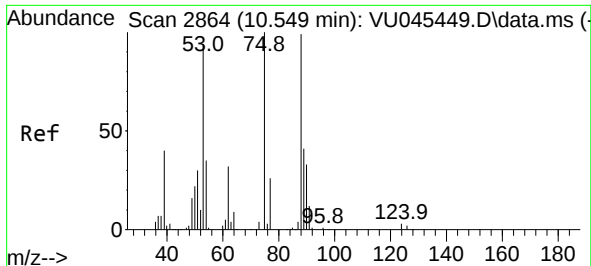
Tgt Ion: 43	Resp: 49
Ion Ratio	Lower Upper
43 100	
70 181.6	36.9 55.3#
55 0.0	20.6 31.0#
61 0.0	20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 19.786 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

Tgt Ion: 75	Resp: 95464
Ion Ratio	Lower Upper
75 100	
77 1.0	17.1 51.3#

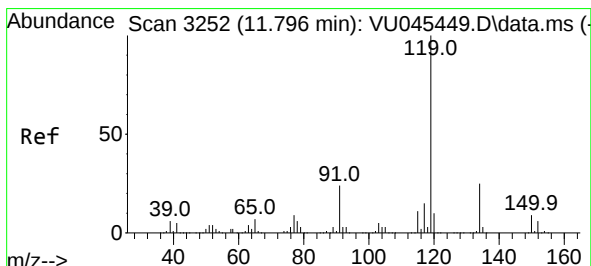
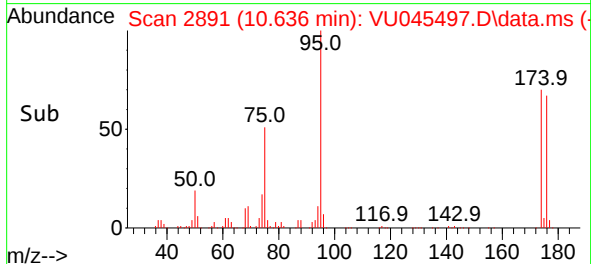
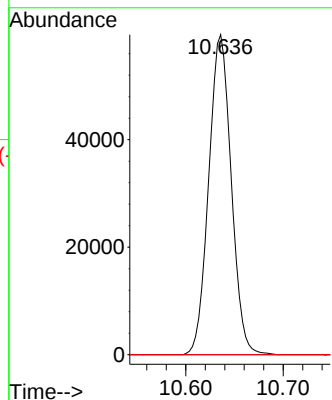
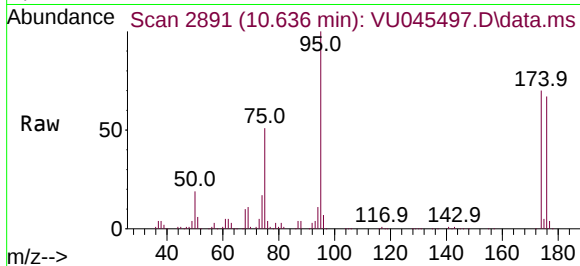




#81
trans-1,4-Dichloro-2-butene
Concen: 54.986 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

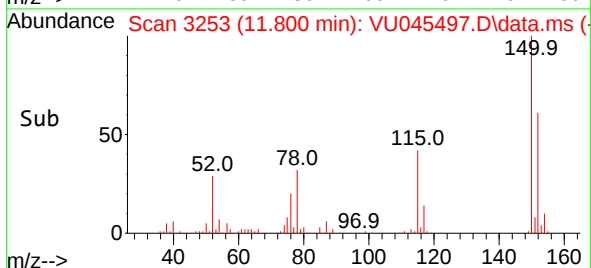
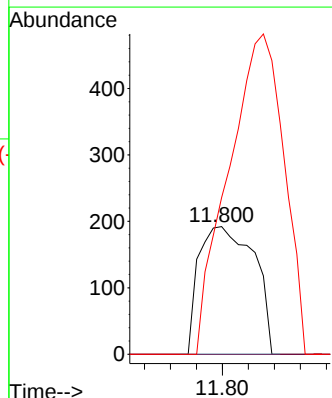
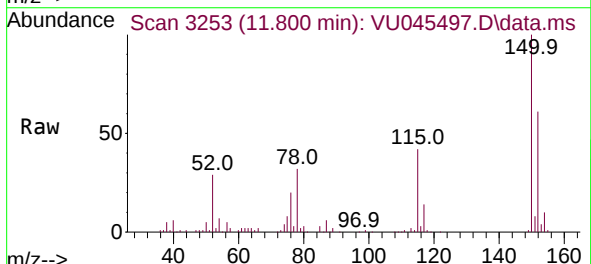
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-383-385

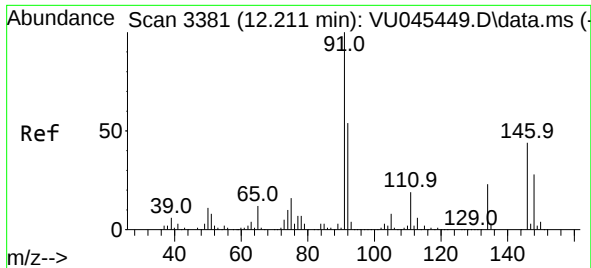
Tgt Ion: 75 Resp: 95464
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#86
p-Isopropyltoluene
Concen: 0.212 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. 0.004 min
Lab File: VU045497.D
Acq: 01 Nov 2021 19:17

Tgt Ion: 119 Resp: 284
Ion Ratio Lower Upper
119 100
134 0.0 12.7 38.1#
91 251.1 12.2 36.4#





#89

n-Butylbenzene

Concen: 0.987 ug/l

RT: 12.218 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU045497.D

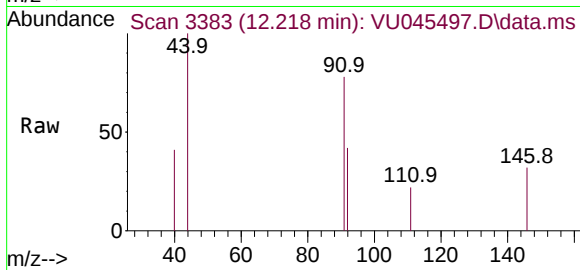
Acq: 01 Nov 2021 19:17

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-383-385



Tgt Ion: 91 Resp: 556

Ion Ratio Lower Upper

91 100

92 52.2 27.1 81.2

134 0.0 11.8 35.4#

