

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043577.D
 Acq On : 06 May 2021 12:54
 Operator : SY/MD
 Sample : M2251-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-518-520

Quant Time: May 07 02:03:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

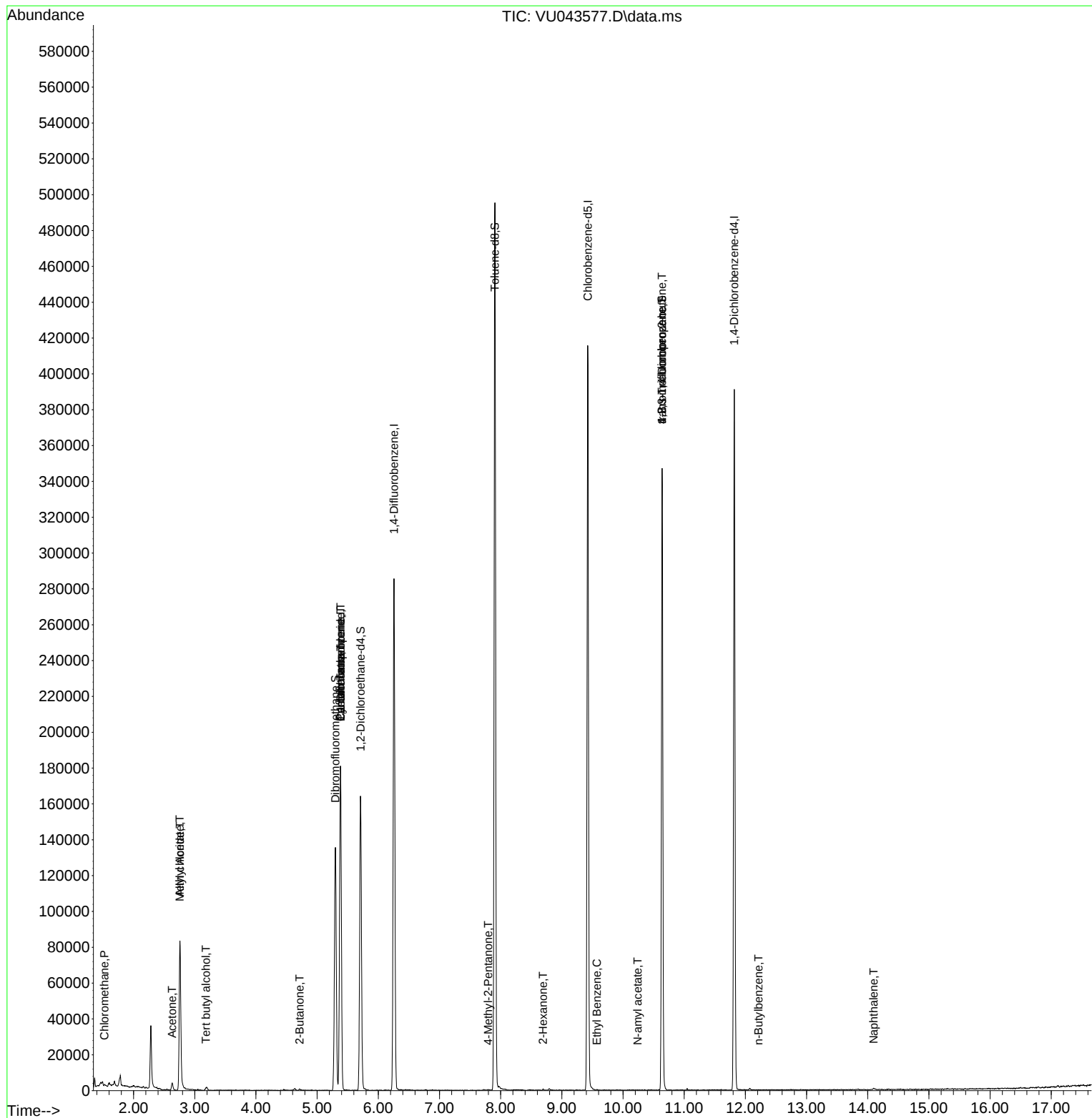
Internal Standards						
1) Pentafluorobenzene	5.382	168	115012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	207830	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	201553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	124814	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	5.298	113	85049	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	7.906	98	298392	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	10.639	95	104352	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	1046	0.82	ug/l	92
11) Tert butyl alcohol	3.182	59	567	0.91	ug/l #	73
14) Allyl chloride	2.758	41	8806	2.64	ug/l #	65
16) Acetone	2.629	43	4562	3.53	ug/l	100
18) Methyl Acetate	2.755	43	23175	7.84	ug/l #	58
25) 2-Butanone	4.713	43	1085	0.54	ug/l #	56
31) Cyclohexane	5.382	56	3130	1.13	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	11148	4.72	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12599	5.27	ug/l #	16
51) 4-Methyl-2-Pentanone	7.796	43	332	19.25	ug/l #	41
59) 2-Hexanone	8.694	43	459	20.82	ug/l	66
67) Ethyl Benzene	9.575	91	194	1.47	ug/l #	45
74) N-amyl acetate	10.237	43	48	2.53	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	59313	20.43	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	59313	66.54	ug/l #	3
89) n-Butylbenzene	12.214	91	98	2.54	ug/l #	35
95) Naphthalene	14.095	128	864	1.63	ug/l #	76

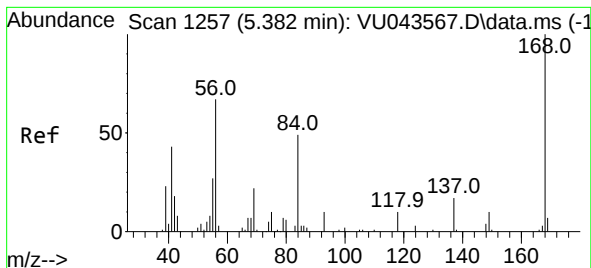
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 06 07:26:23 2021
Response via : Initial Calibration

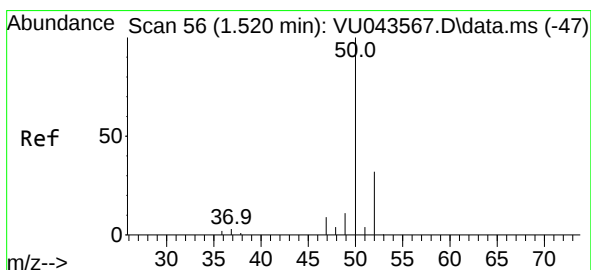
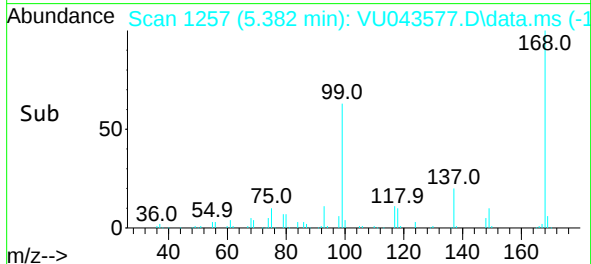
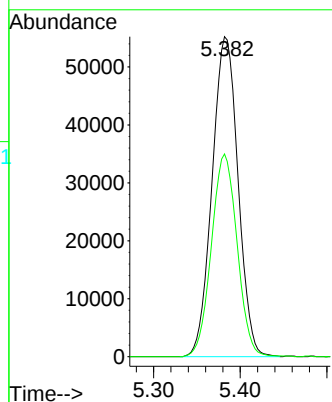
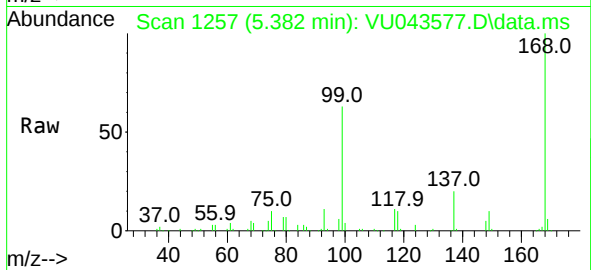




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

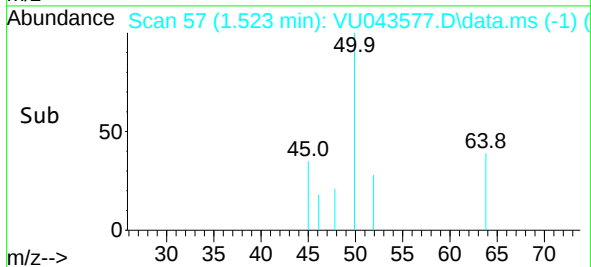
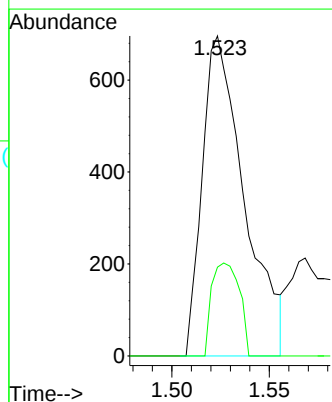
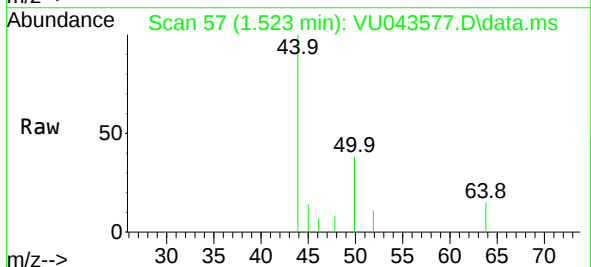
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-518-520

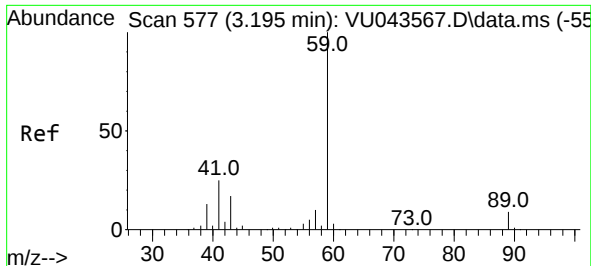
Tgt Ion:168 Resp: 115012
Ion Ratio Lower Upper
168 100
99 63.3 49.0 73.6



#3
Chloromethane
Concen: 0.82 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

Tgt Ion: 50 Resp: 1046
Ion Ratio Lower Upper
50 100
52 27.7 25.9 38.9



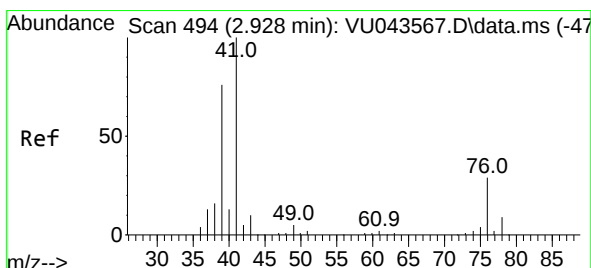
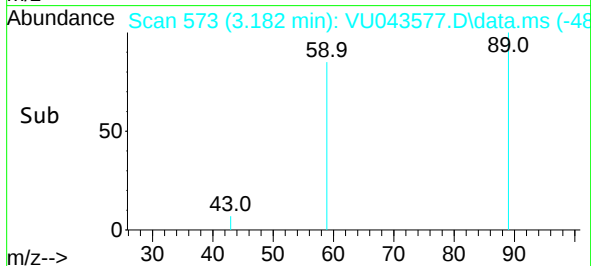
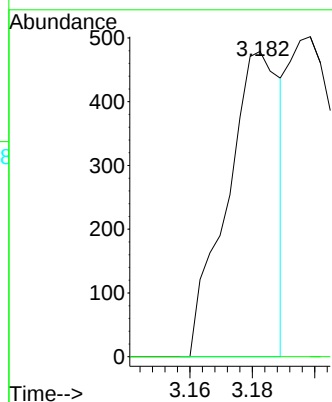
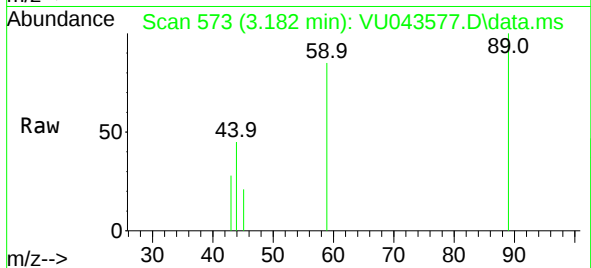


#11

Tert butyl alcohol
Concen: 0.91 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.013 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-518-520

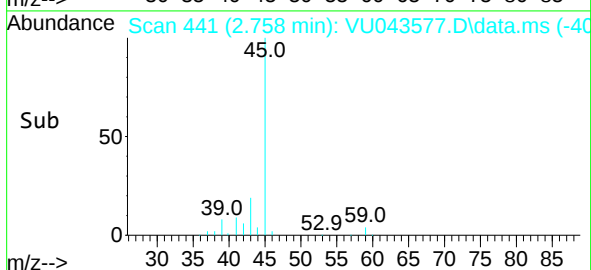
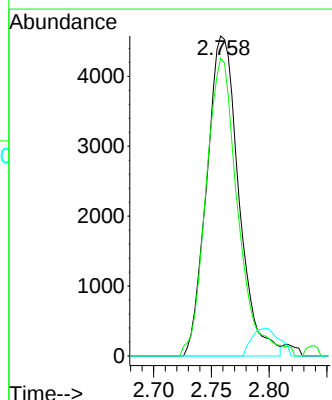
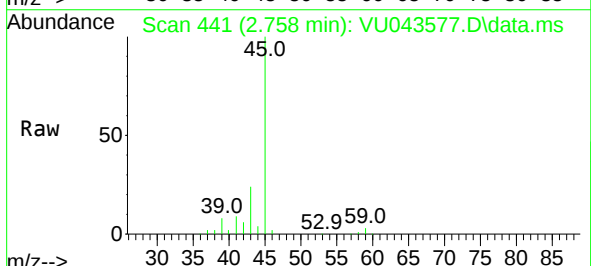
Tgt Ion: 59 Resp: 567
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

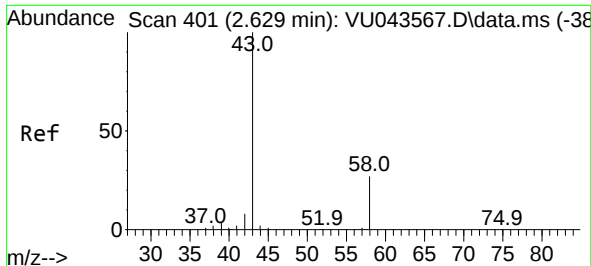


#14

Allyl chloride
Concen: 2.64 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.170 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

Tgt Ion: 41 Resp: 8806
Ion Ratio Lower Upper
41 100
39 92.6 54.5 81.7#
76 0.0 19.9 29.9#

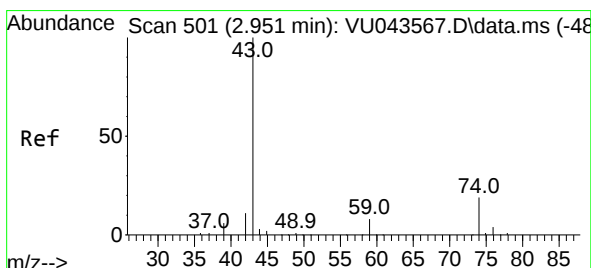
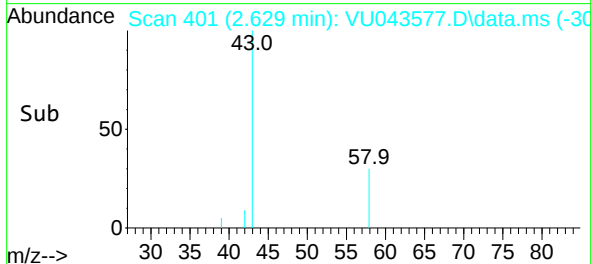
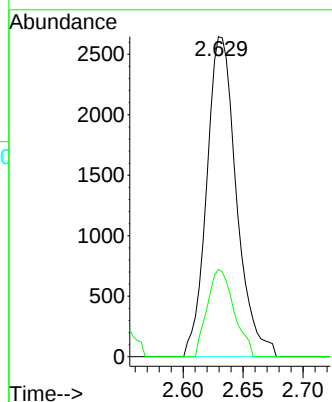
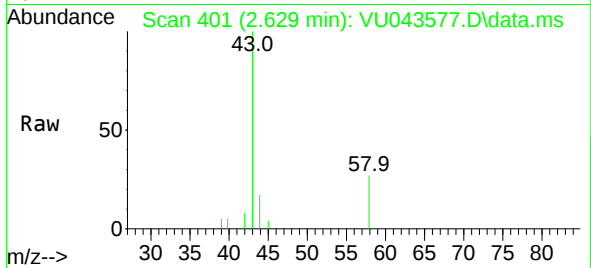




#16
Acetone
Concen: 3.53 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

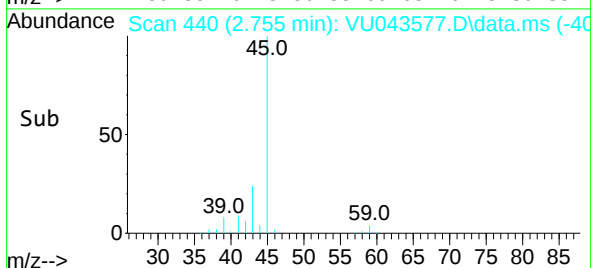
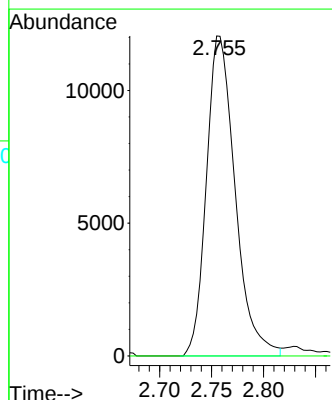
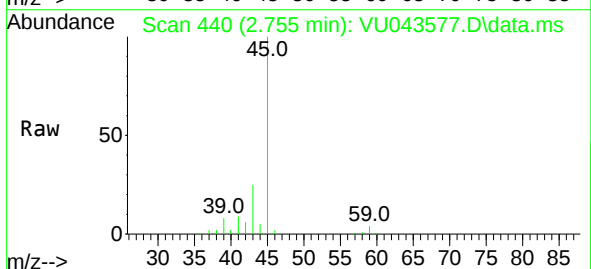
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-518-520

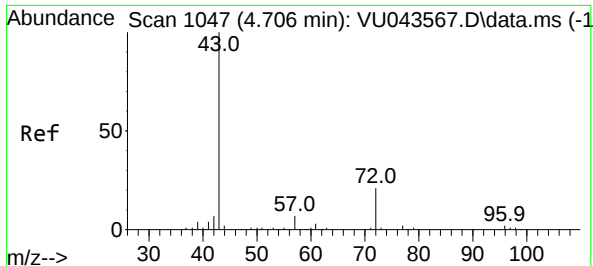
Tgt Ion: 43 Resp: 4562
Ion Ratio Lower Upper
43 100
58 27.3 21.7 32.5



#18
Methyl Acetate
Concen: 7.84 ug/l
RT: 2.755 min Scan# 440
Delta R.T. -0.196 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

Tgt Ion: 43 Resp: 23175
Ion Ratio Lower Upper
43 100
74 0.0 15.3 22.9#

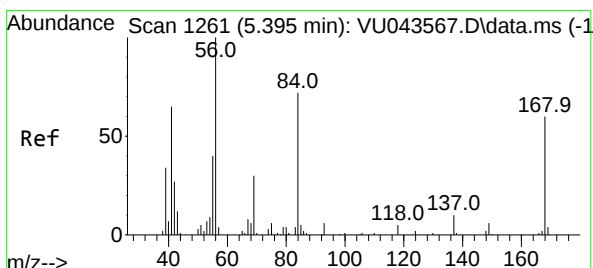
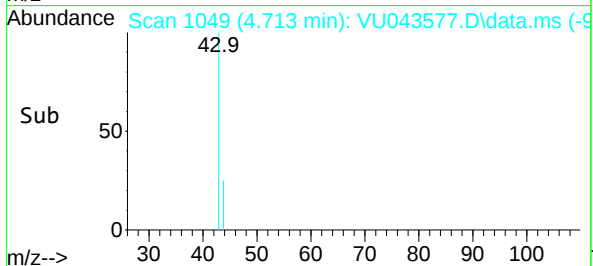
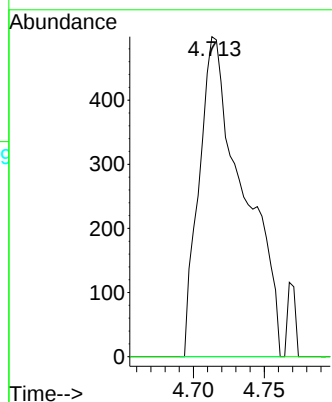
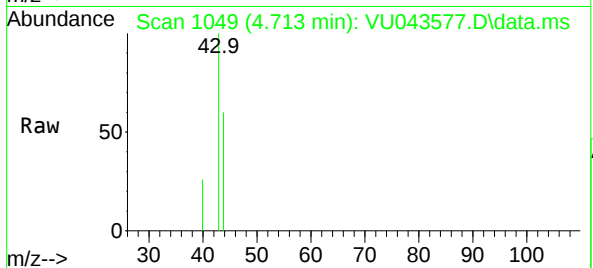




#25
2-Butanone
Concen: 0.54 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.007 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

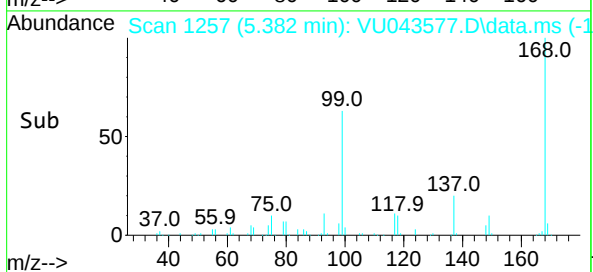
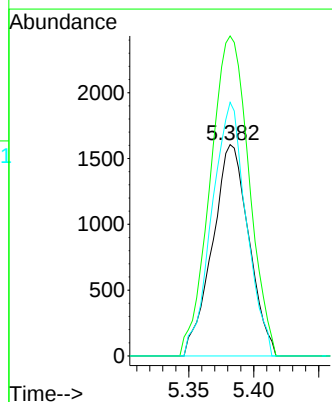
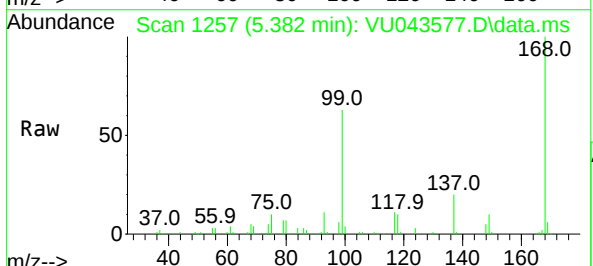
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-518-520

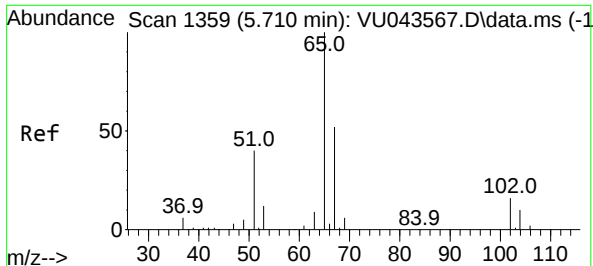
Tgt Ion: 43 Resp: 1085
Ion Ratio Lower Upper
43 100
72 0.0 16.5 24.7#



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

Tgt Ion: 56 Resp: 3130
Ion Ratio Lower Upper
56 100
69 151.4 23.9 35.9#
84 120.0 57.7 86.5#





#33

1,2-Dichloroethane-d4

Concen: 53.61 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU043577.D

Acq: 06 May 2021 12:54

Tgt Ion: 65 Resp: 124814

Ion Ratio Lower Upper

65 100

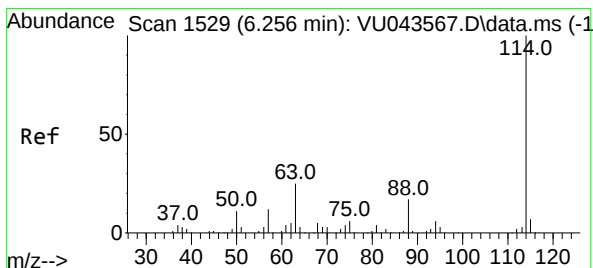
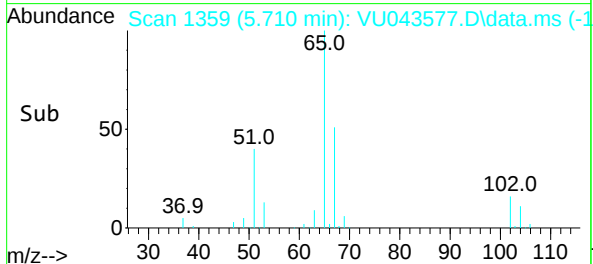
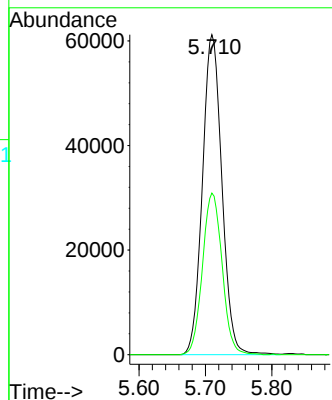
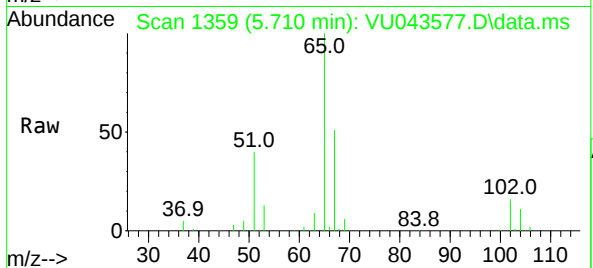
67 51.0 0.0 104.6

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW8-GW-518-520



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043577.D

Acq: 06 May 2021 12:54

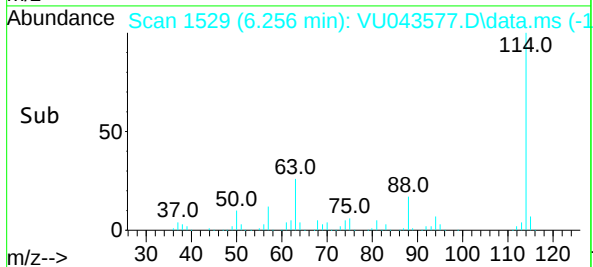
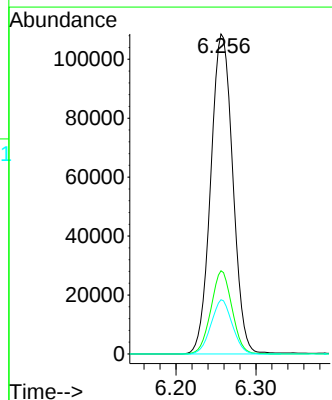
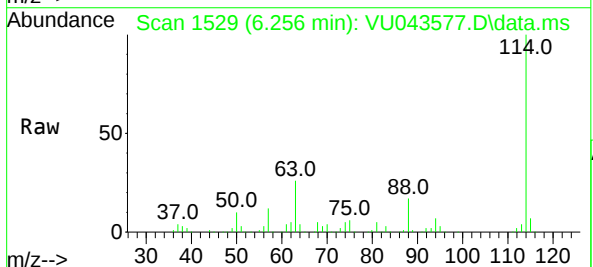
Tgt Ion: 114 Resp: 207830

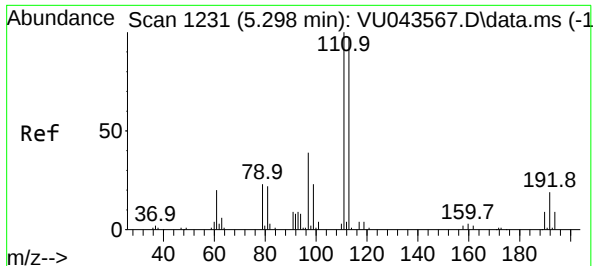
Ion Ratio Lower Upper

114 100

63 26.0 0.0 50.2

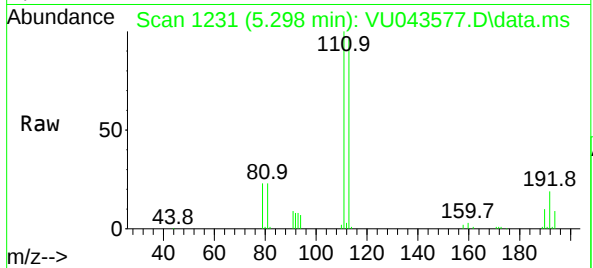
88 17.0 0.0 33.8



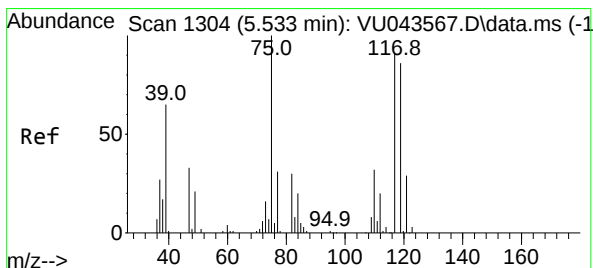
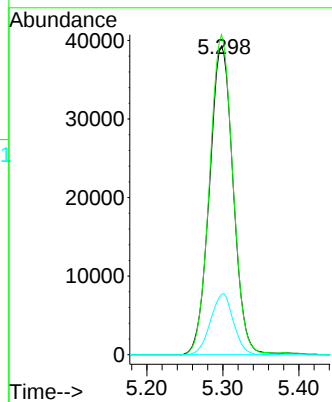
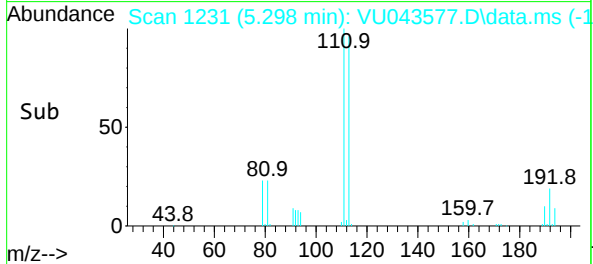


#35
Dibromofluoromethane
Concen: 51.31 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

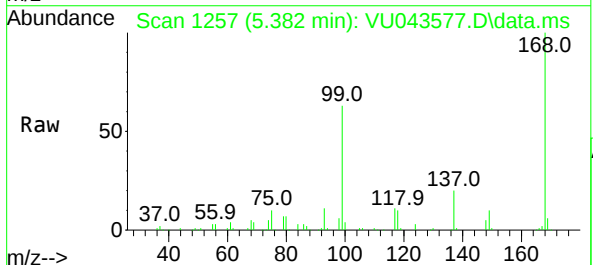
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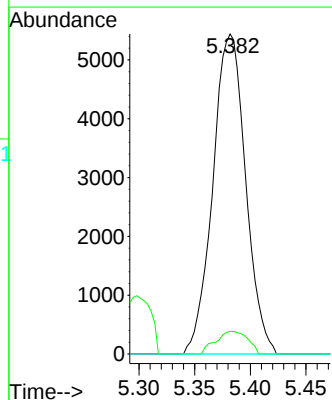
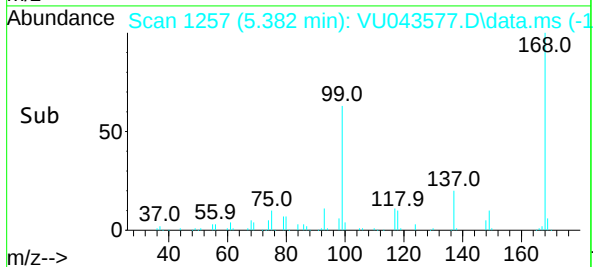
Tgt Ion:113 Resp: 85049
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 19.0 15.8 23.6

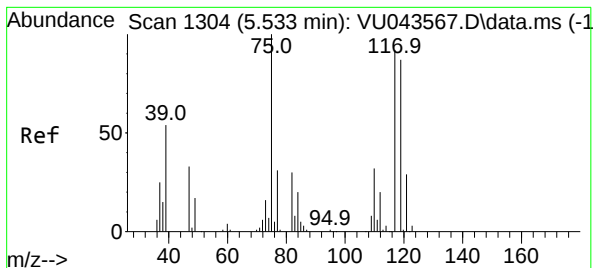


#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54



Tgt Ion: 75 Resp: 11148
Ion Ratio Lower Upper
75 100
110 6.9 16.2 48.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.27 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043577.D

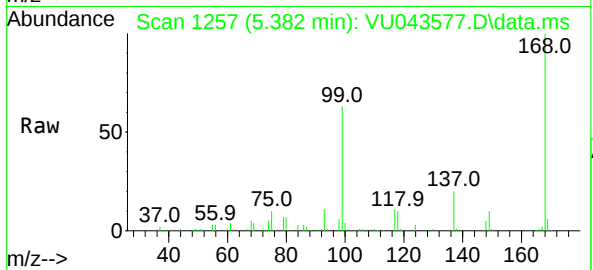
Acq: 06 May 2021 12:54

Instrument :

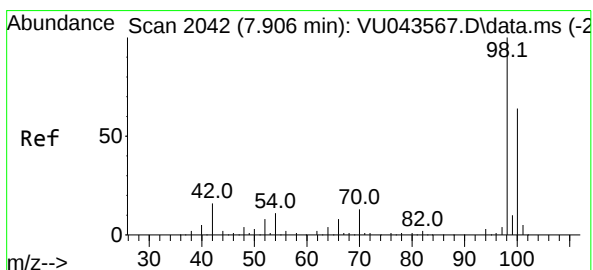
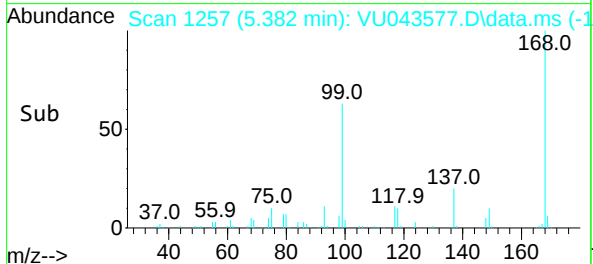
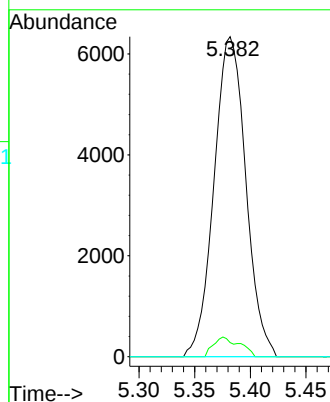
MSVOA_U

ClientSampleId :

BP-VPB-RW8-GW-518-520



Tgt Ion:	117	Resp:	12599
Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.4	113.0#
121	0.0	25.2	37.8#



#50

Toluene-d8

Concen: 50.78 ug/l

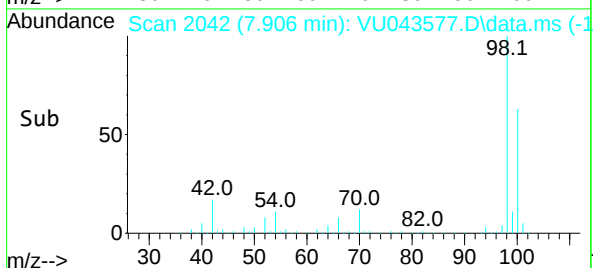
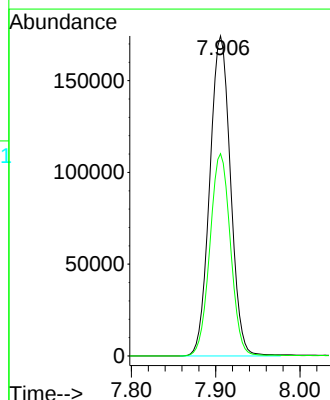
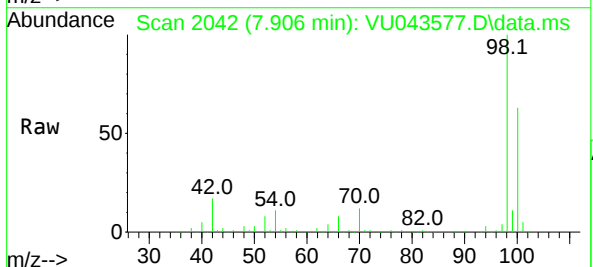
RT: 7.906 min Scan# 2042

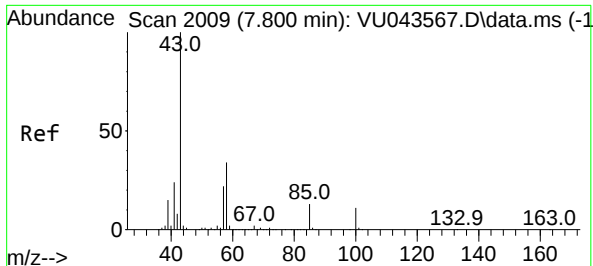
Delta R.T. 0.000 min

Lab File: VU043577.D

Acq: 06 May 2021 12:54

Tgt Ion:	98	Resp:	298392
Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.5	75.7

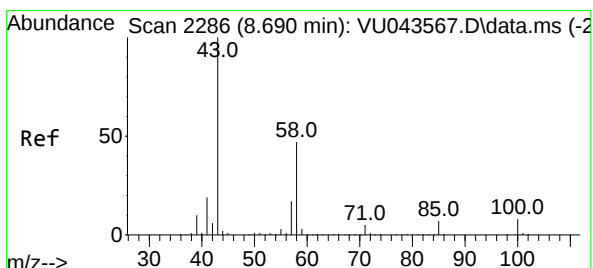
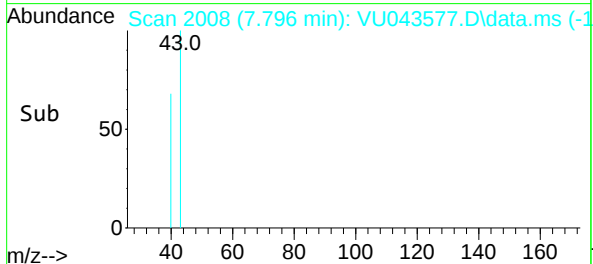
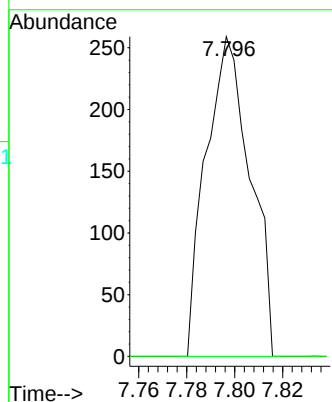
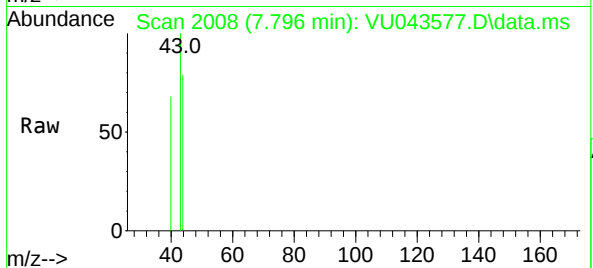




#51
4-Methyl-2-Pentanone
Concen: 19.25 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.004 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

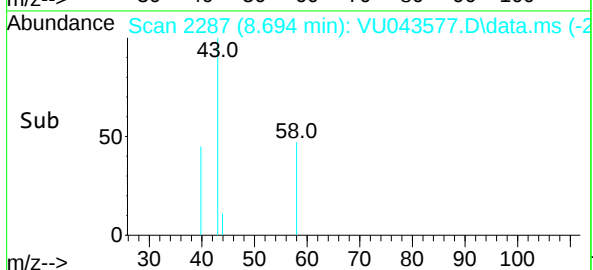
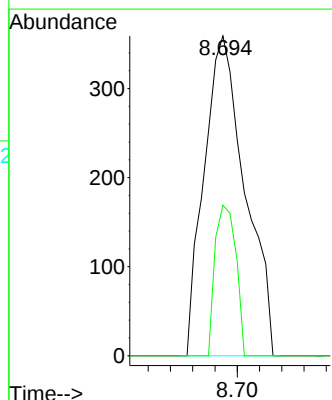
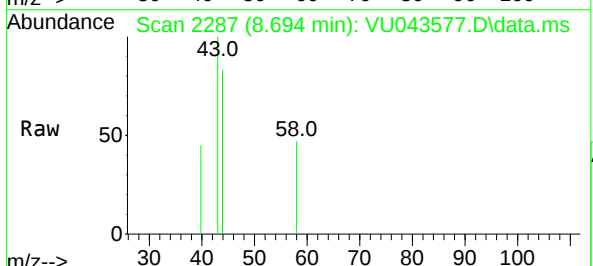
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-518-520

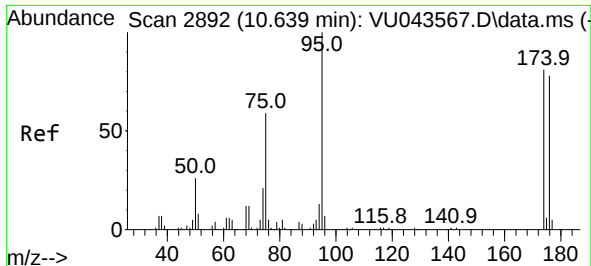
Tgt Ion: 43 Resp: 332
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#



#59
2-Hexanone
Concen: 20.82 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. 0.004 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 24.0 23.4 70.2

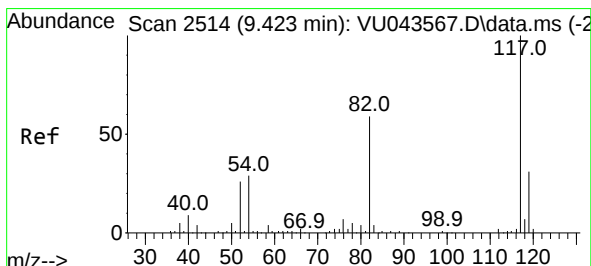
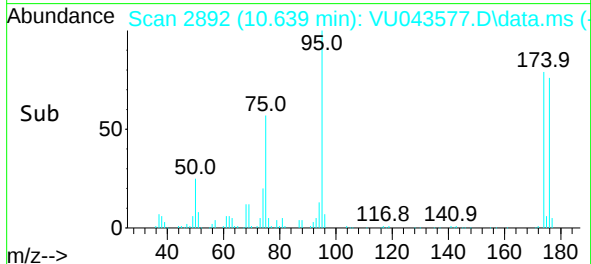
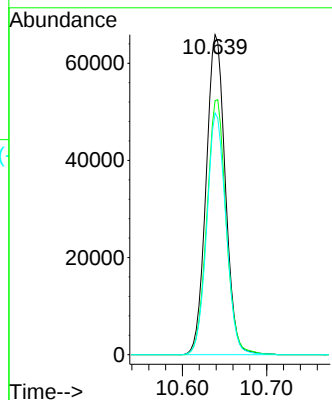
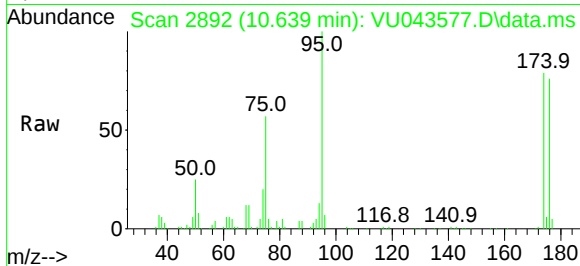




#62
4-Bromofluorobenzene
Concen: 46.67 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

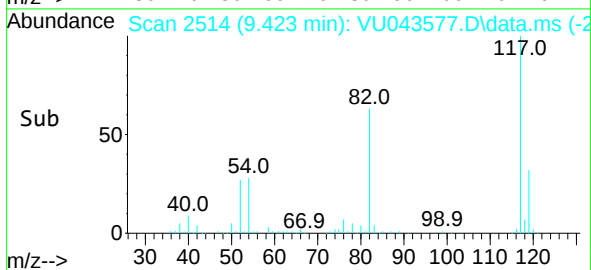
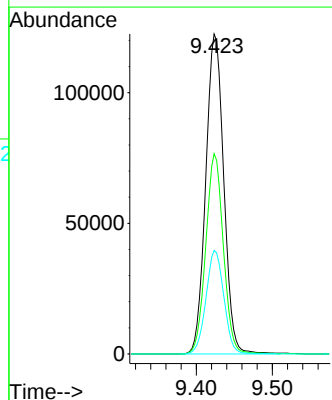
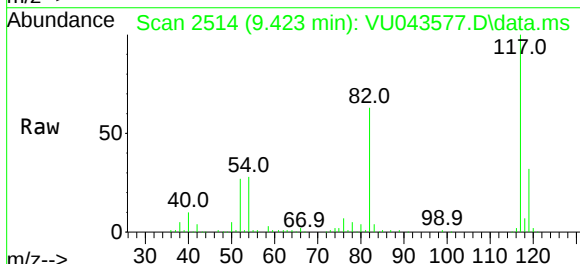
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-518-520

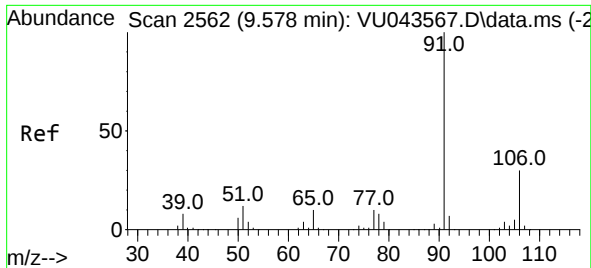
Tgt Ion: 95 Resp: 104352
Ion Ratio Lower Upper
95 100
174 79.9 0.0 158.8
176 75.6 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

Tgt Ion: 117 Resp: 201553
Ion Ratio Lower Upper
117 100
82 62.6 47.5 71.3
119 32.4 24.7 37.1

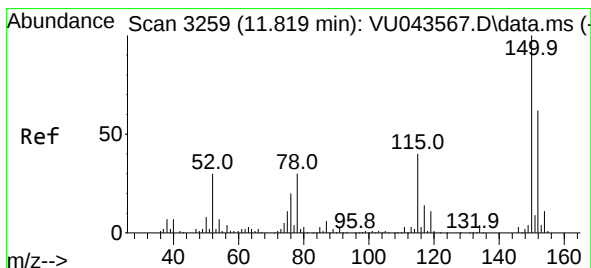
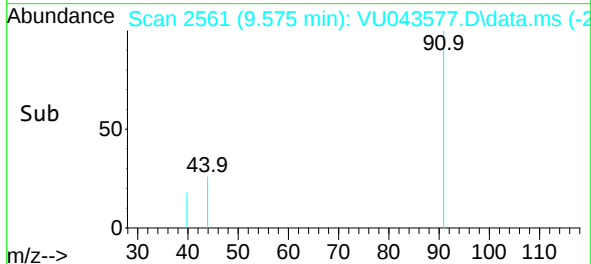
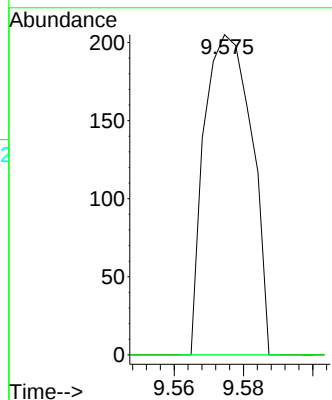
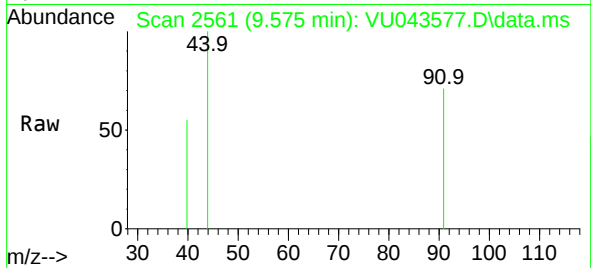




#67
Ethyl Benzene
Concen: 1.47 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

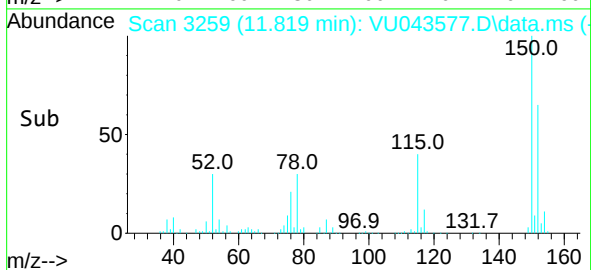
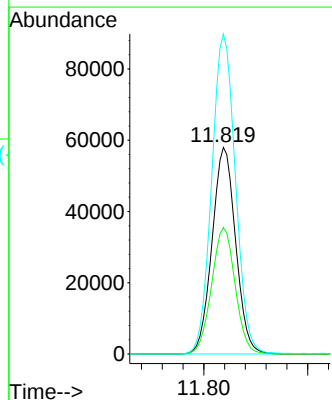
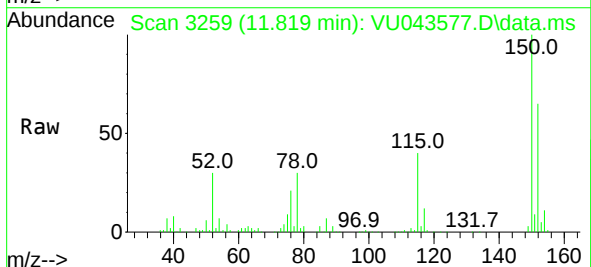
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-518-520

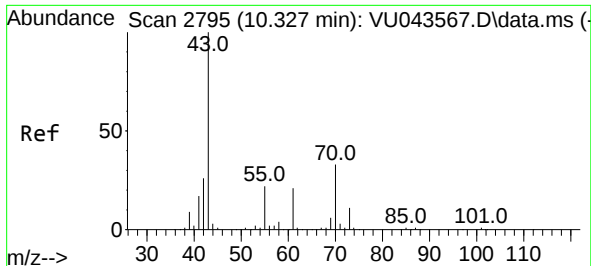
Tgt Ion: 91 Resp: 194
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

Tgt Ion:152 Resp: 91293
Ion Ratio Lower Upper
152 100
115 61.2 46.1 138.3
150 155.8 0.0 361.0

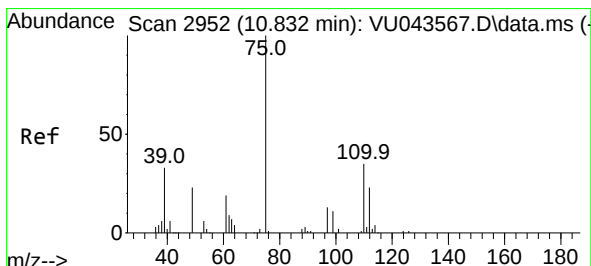
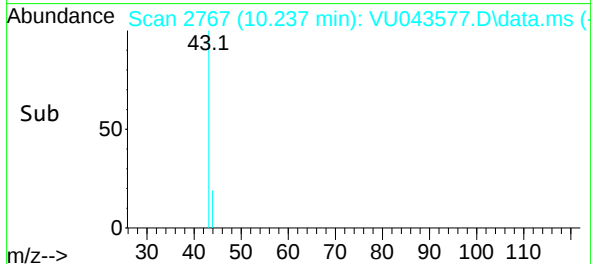
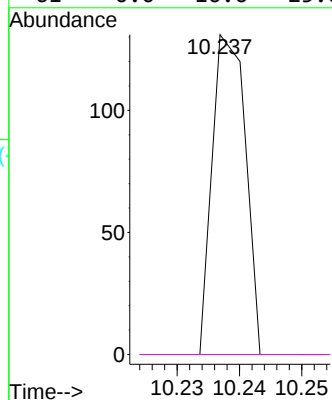
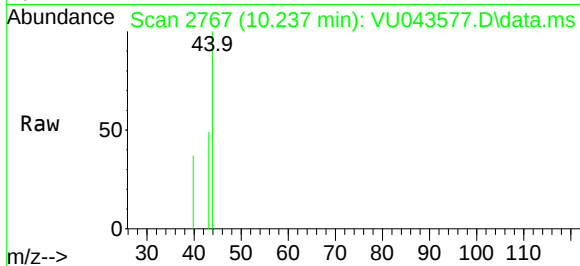




#74
N-amy1 acetate
Concen: 2.53 ug/l
RT: 10.237 min Scan# 2767
Delta R.T. -0.090 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

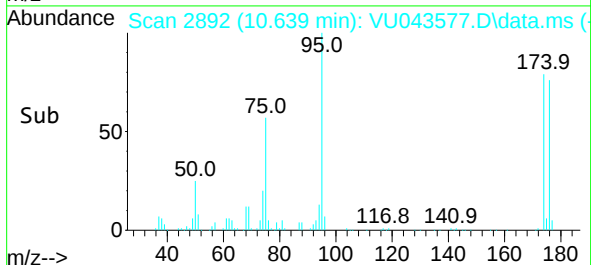
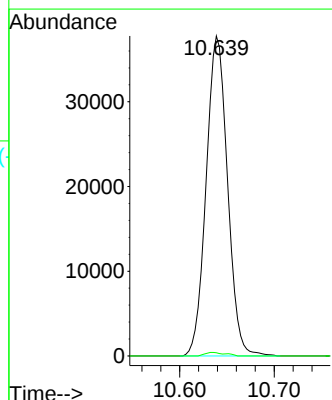
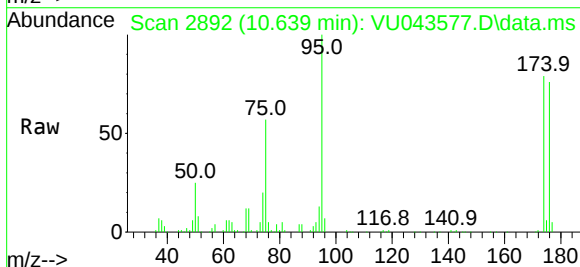
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-518-520

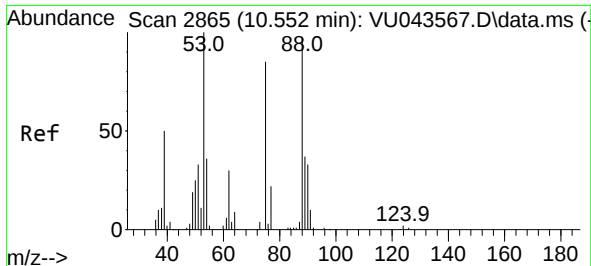
Tgt Ion: 43	Resp:	48
Ion	Ratio	Lower Upper
43	100	
70	0.0	26.4 39.6#
55	0.0	18.0 27.0#
61	0.0	16.6 25.0#



#76
1,2,3-Trichloropropane
Concen: 20.43 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

Tgt Ion: 75	Resp:	59313
Ion	Ratio	Lower Upper
75	100	
77	0.8	17.1 51.3#

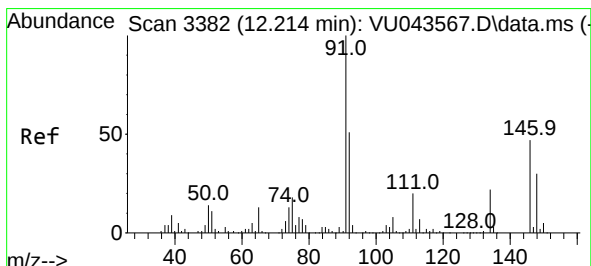
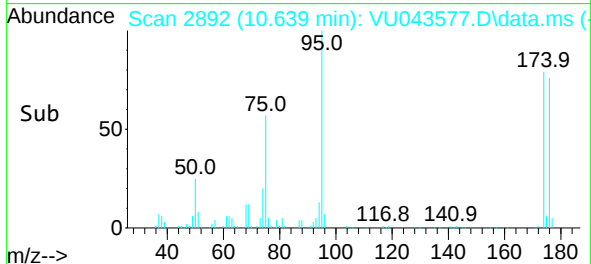
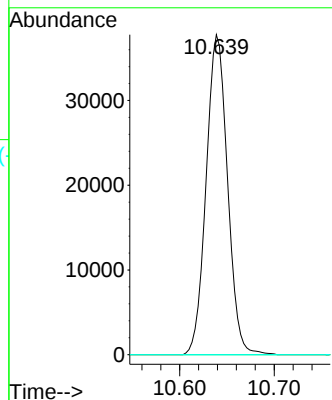
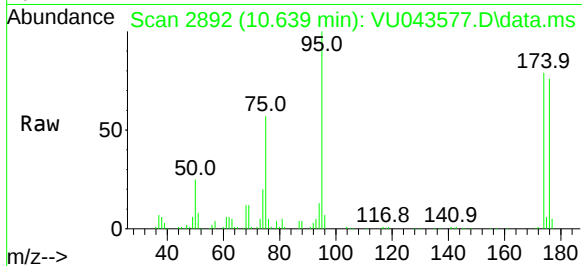




#81
trans-1,4-Dichloro-2-butene
Concen: 66.54 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

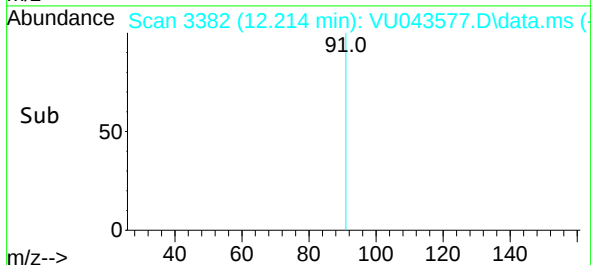
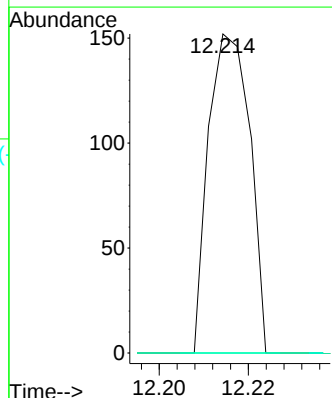
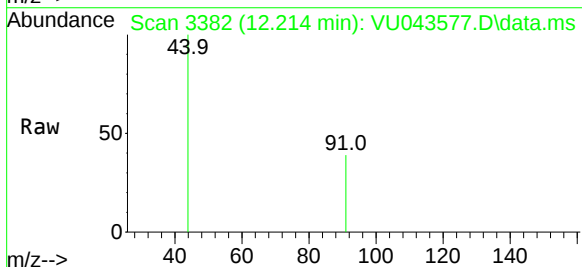
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-518-520

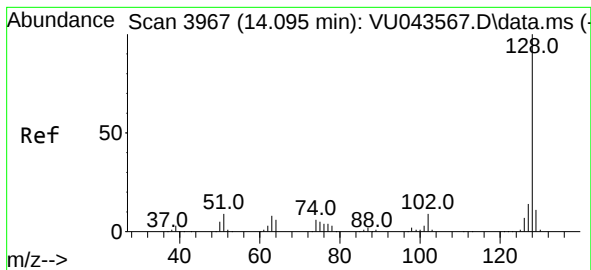
Tgt Ion: 75 Resp: 59313
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#



#89
n-Butylbenzene
Concen: 2.54 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU043577.D
Acq: 06 May 2021 12:54

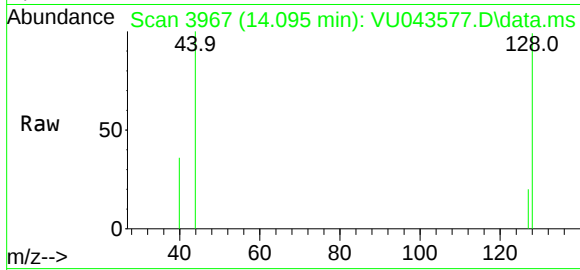
Tgt Ion: 91 Resp: 98
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.2#
134 0.0 11.3 33.9#





#95
 Naphthalene
 Concen: 1.63 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.000 min
 Lab File: VU043577.D
 Acq: 06 May 2021 12:54

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-518-520



Tgt Ion:	128	Resp:	864
Ion	Ratio	Lower	Upper
128	100		
127	5.0	10.7	16.1#
129	0.0	8.6	12.8#

