

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043611.D
 Acq On : 07 May 2021 14:45
 Operator : SY/MD
 Sample : M2333-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-618-620

Quant Time: May 08 01:09:16 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)

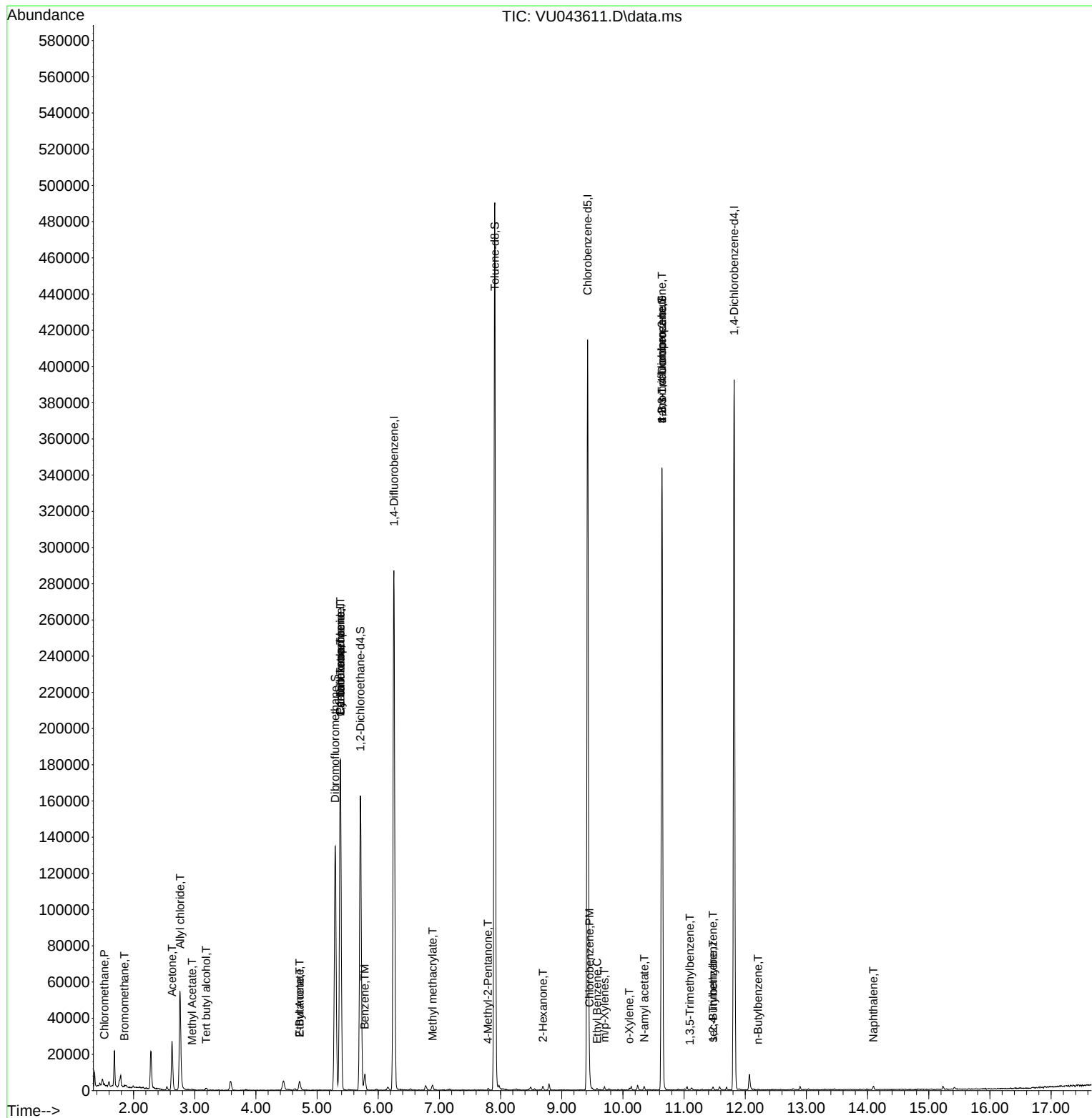
Internal Standards						
1) Pentafluorobenzene	5.382	168	116104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	207441	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	203141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	121961	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
35) Dibromofluoromethane	5.295	113	83772	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
50) Toluene-d8	7.906	98	294689	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	10.639	95	103922	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	961	0.77	ug/l	94
5) Bromomethane	1.851	94	328	0.32	ug/l	90
11) Tert butyl alcohol	3.186	59	1012	1.60	ug/l #	73
14) Allyl chloride	2.761	41	5889	1.75	ug/l #	72
16) Acetone	2.629	43	29494	22.61	ug/l	98
18) Methyl Acetate	2.957	43	640	0.21	ug/l #	58
25) 2-Butanone	4.713	43	8051	4.00	ug/l	96
31) Cyclohexane	5.382	56	3292	1.17	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	11290	4.79	ug/l #	50
37) Ethyl Acetate	4.713	43	8051	2.02	ug/l #	72
38) Carbon Tetrachloride	5.379	117	12419	5.20	ug/l #	17
40) Benzene	5.780	78	6999	0.99	ug/l	95
48) Methyl methacrylate	6.890	41	818	0.28	ug/l #	34
51) 4-Methyl-2-Pentanone	7.793	43	837	19.35	ug/l #	65
59) 2-Hexanone	8.694	43	1827	21.14	ug/l	75
65) Chlorobenzene	9.452	112	3519	0.79	ug/l	93
67) Ethyl Benzene	9.578	91	507	1.51	ug/l	99
68) m/p-Xylenes	9.700	106	542	2.49	ug/l	95
69) o-Xylene	10.105	106	265	1.95	ug/l	95
74) N-amyl acetate	10.349	43	529	2.62	ug/l #	58
76) 1,2,3-Trichloropropane	10.639	75	59404	20.31	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.095	105	179	0.76	ug/l #	31
81) trans-1,4-Dichloro-2-b...	10.639	75	59404	66.15	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.472	105	1215	1.30	ug/l	83
85) sec-Butylbenzene	11.472	105	1215	1.49	ug/l #	59
89) n-Butylbenzene	12.208	91	190	2.56	ug/l #	35
95) Naphthalene	14.095	128	2112	1.79	ug/l #	76

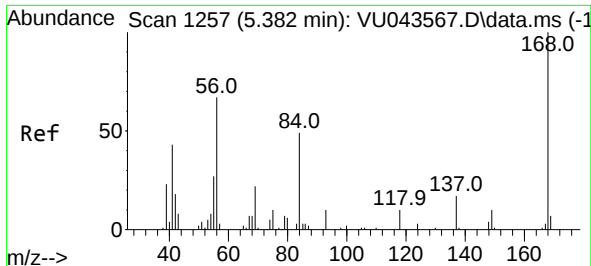
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
Data File : VU043611.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BP-VPB-RW8-GW-618-620

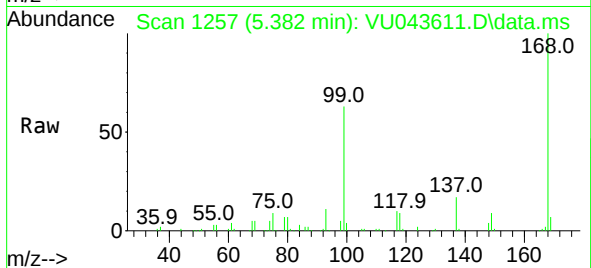
Quant Time: May 08 01:09:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
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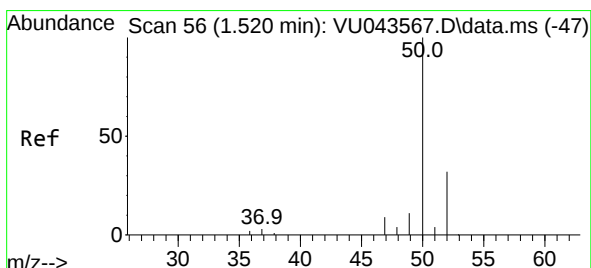
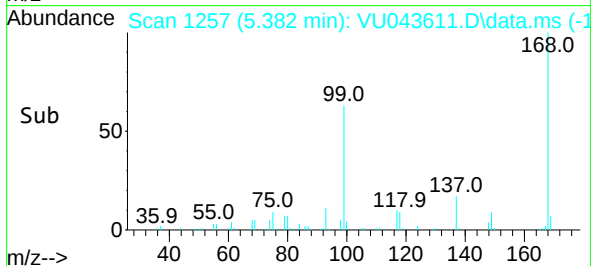
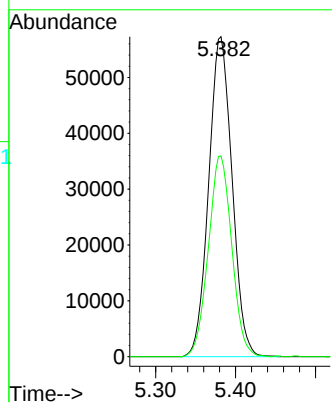


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-618-620

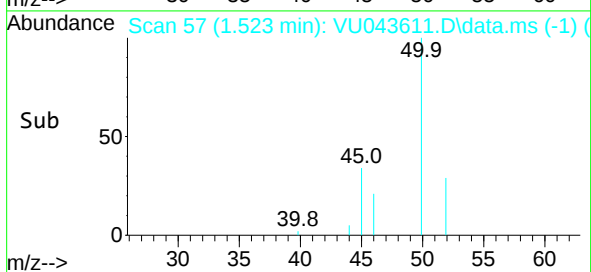
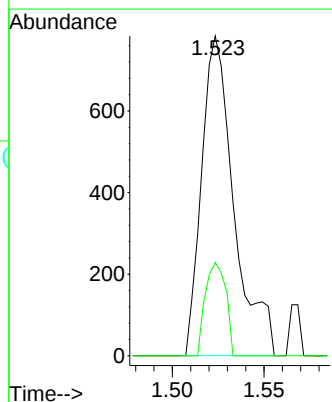
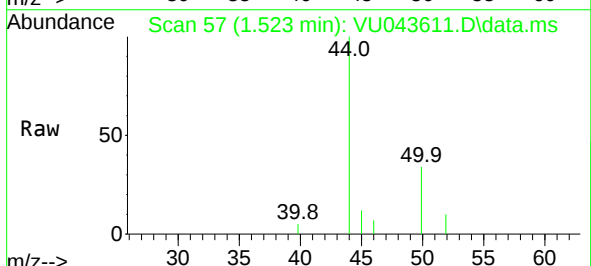


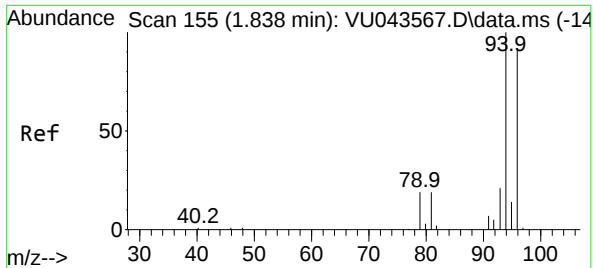
Tgt Ion:168 Resp: 116104
Ion Ratio Lower Upper
168 100
99 62.8 49.0 73.6



#3
Chloromethane
Concen: 0.77 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Tgt Ion: 50 Resp: 961
Ion Ratio Lower Upper
50 100
52 29.2 25.9 38.9

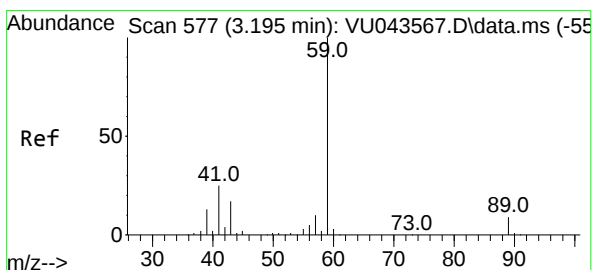
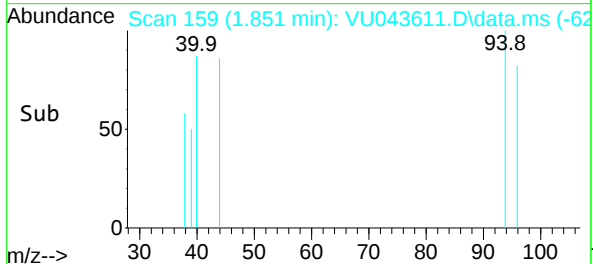
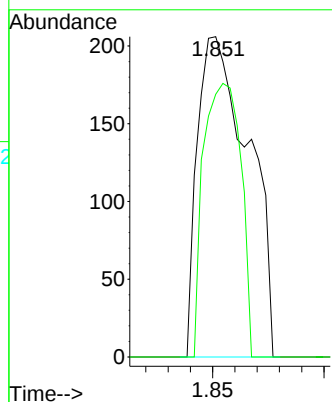
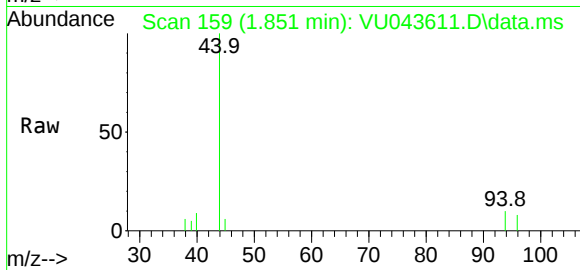




#5
Bromomethane
Concen: 0.32 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.013 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

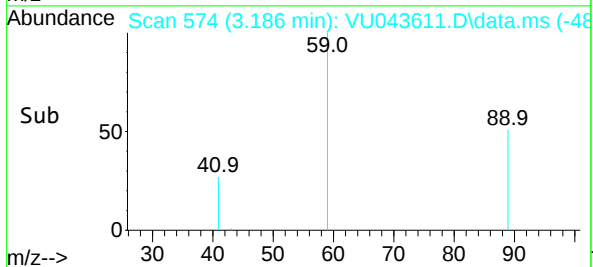
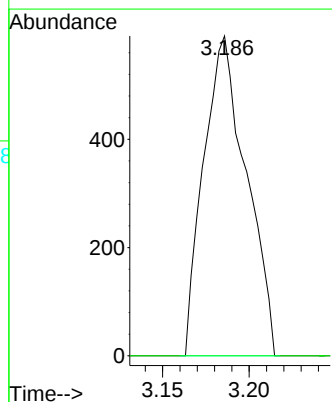
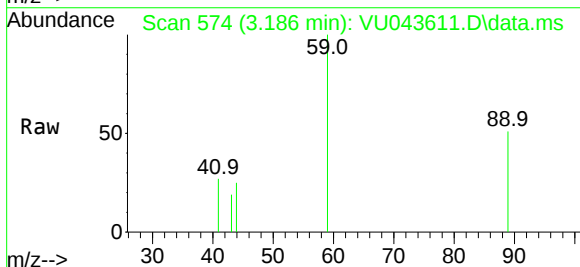
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-618-620

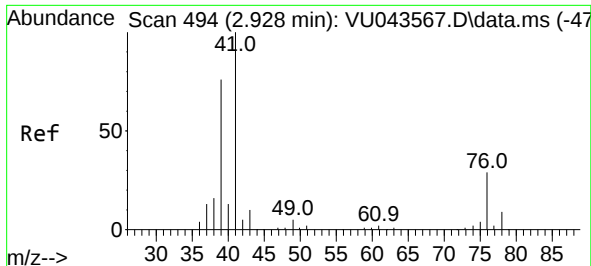
Tgt Ion: 94 Resp: 328
Ion Ratio Lower Upper
94 100
96 82.0 73.3 109.9



#11
Tert butyl alcohol
Concen: 1.60 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.010 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

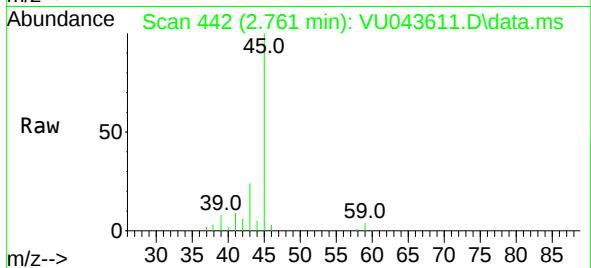
Tgt Ion: 59 Resp: 1012
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



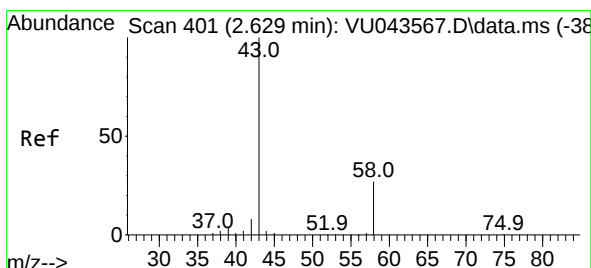
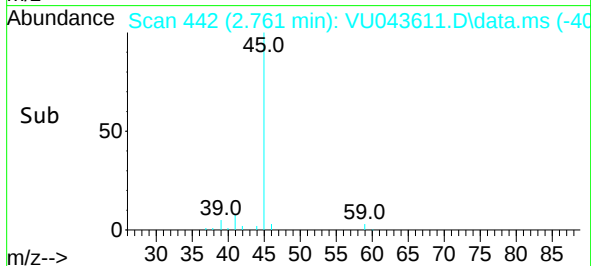
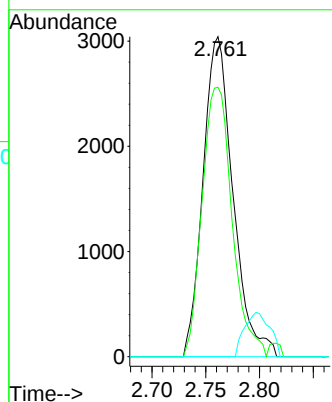


#14
 Allyl chloride
 Concen: 1.75 ug/l
 RT: 2.761 min Scan# 442
 Delta R.T. -0.167 min
 Lab File: VU043611.D
 Acq: 07 May 2021 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-618-620

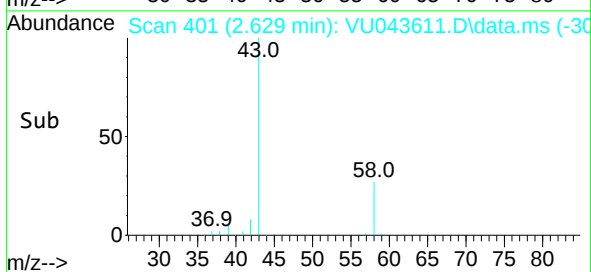
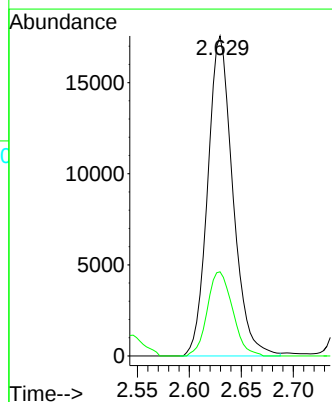
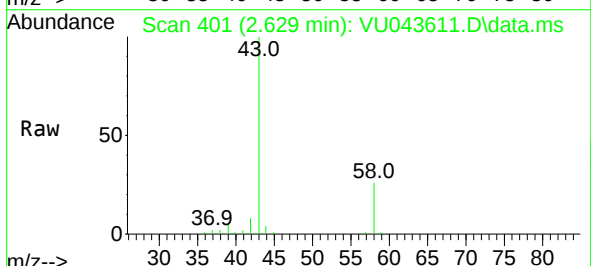


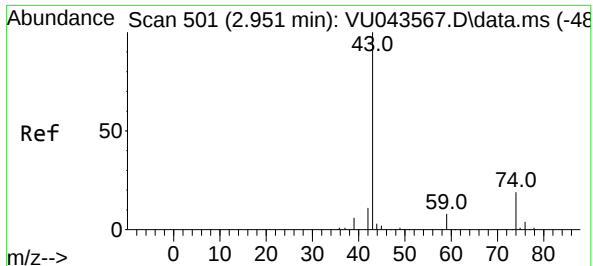
Tgt Ion: 41 Resp: 5889
 Ion Ratio Lower Upper
 41 100
 39 84.3 54.5 81.7#
 76 0.0 19.9 29.9#



#16
 Acetone
 Concen: 22.61 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU043611.D
 Acq: 07 May 2021 14:45

Tgt Ion: 43 Resp: 29494
 Ion Ratio Lower Upper
 43 100
 58 26.3 21.7 32.5





#18

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.957 min Scan# 503

Delta R.T. 0.007 min

Lab File: VU043611.D

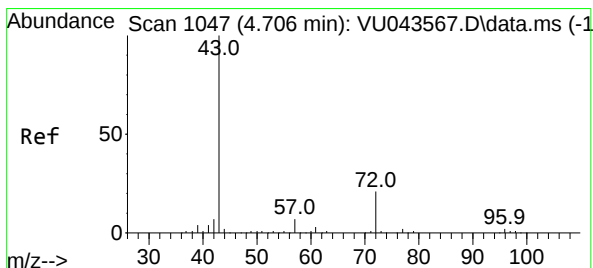
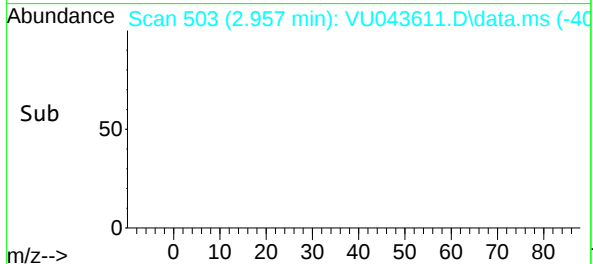
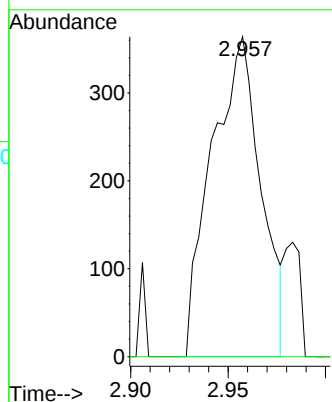
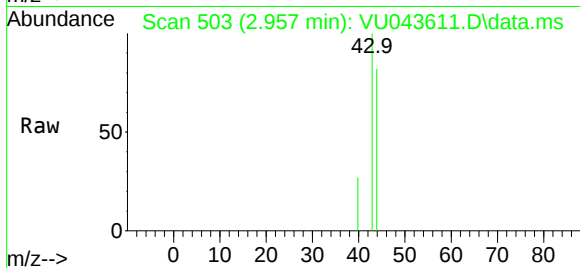
Acq: 07 May 2021 14:45

Tgt Ion: 43 Resp: 640

Ion Ratio Lower Upper

43 100

74 0.0 15.3 22.9#



#25

2-Butanone

Concen: 4.00 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.007 min

Lab File: VU043611.D

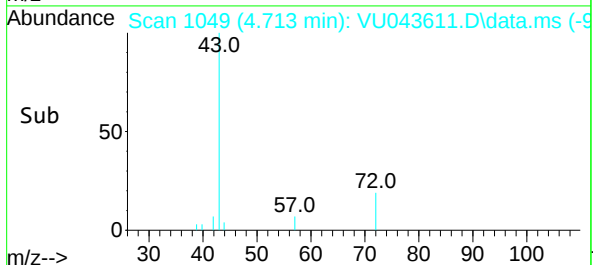
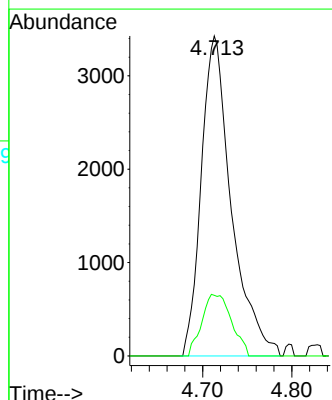
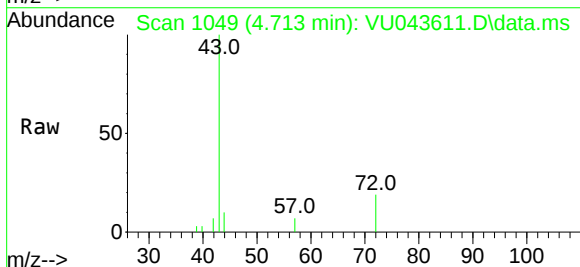
Acq: 07 May 2021 14:45

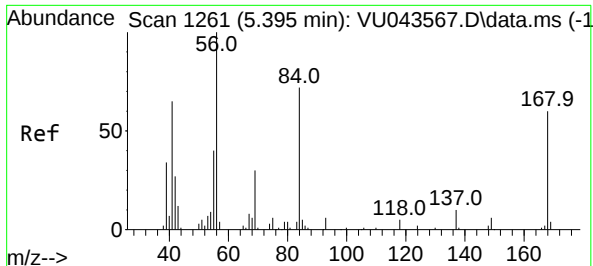
Tgt Ion: 43 Resp: 8051

Ion Ratio Lower Upper

43 100

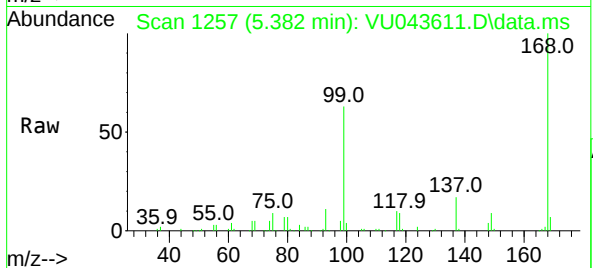
72 19.0 16.5 24.7



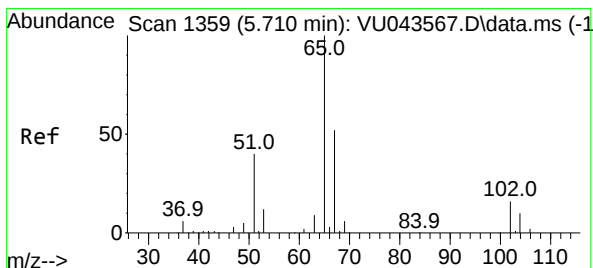
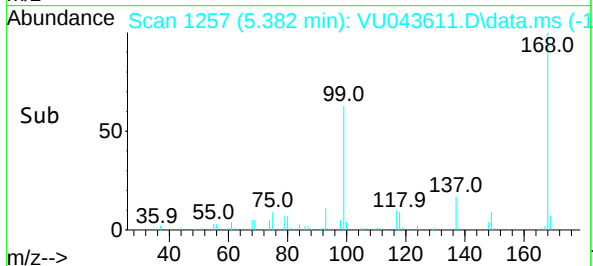
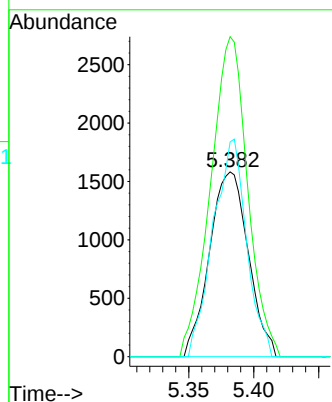


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Instrument :
MSVOA_U
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BP-VPB-RW8-GW-618-620

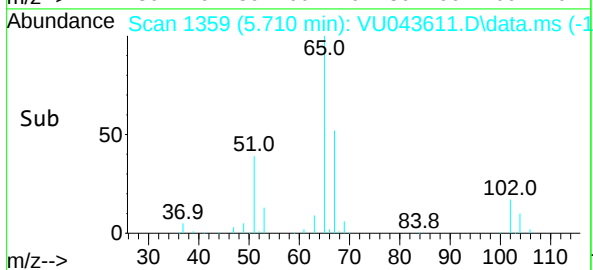
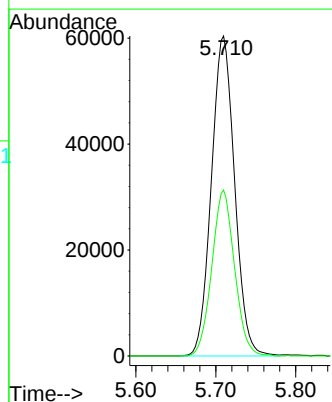
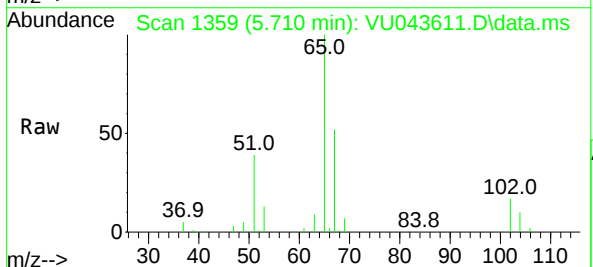


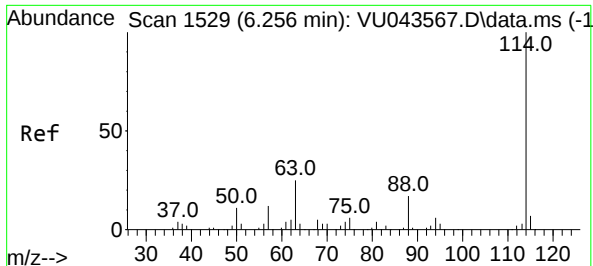
Tgt Ion: 56 Resp: 3292
Ion Ratio Lower Upper
56 100
69 173.1 23.9 35.9#
84 116.2 57.7 86.5#



#33
1,2-Dichloroethane-d4
Concen: 51.89 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Tgt Ion: 65 Resp: 121961
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.6

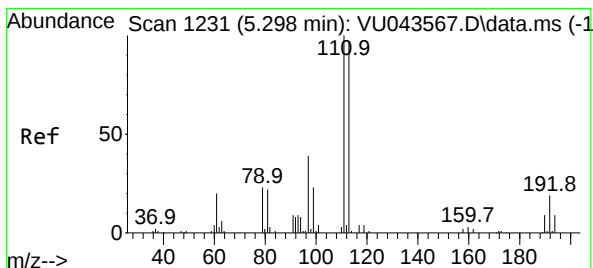
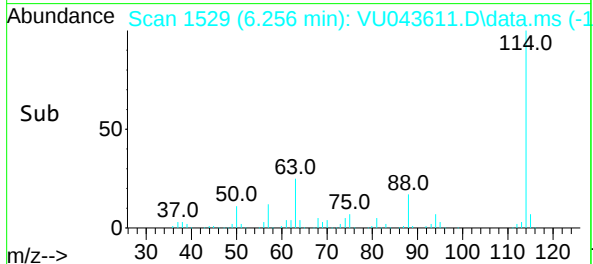
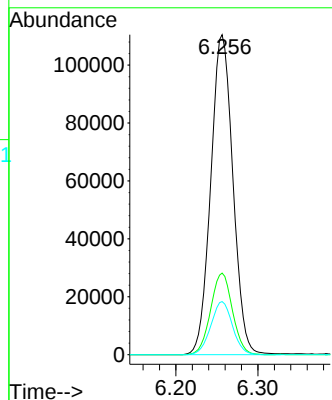
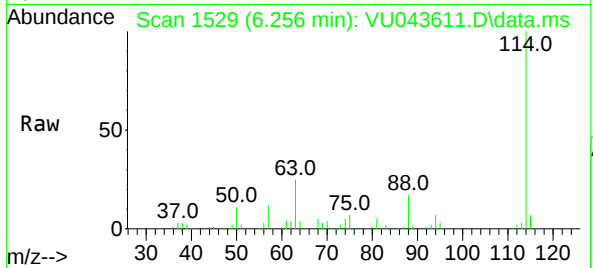




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

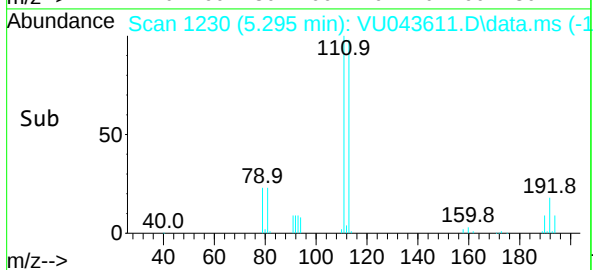
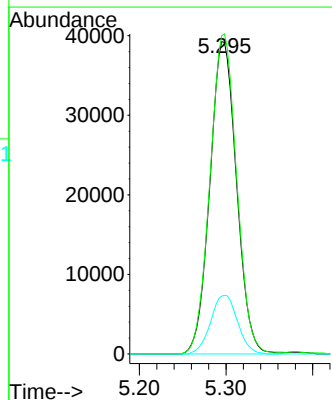
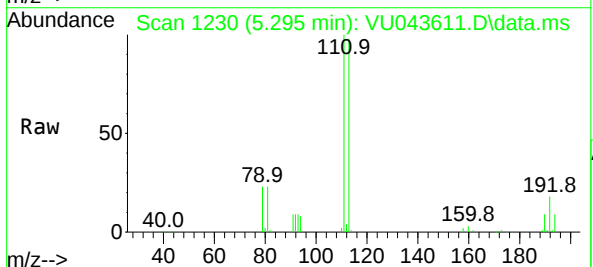
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-618-620

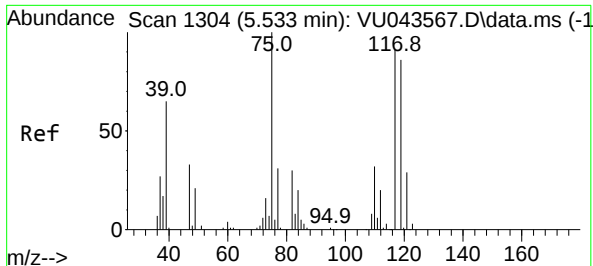
Tgt Ion:114 Resp: 207441
Ion Ratio Lower Upper
114 100
63 25.5 0.0 50.2
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.64 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.003 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Tgt Ion:113 Resp: 83772
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 19.0 15.8 23.6

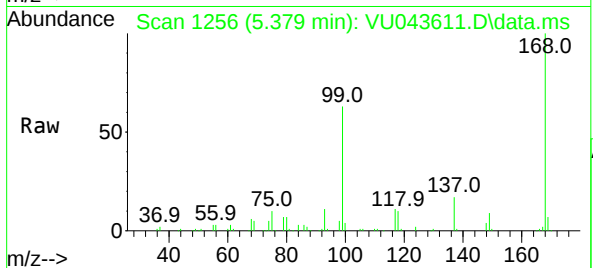




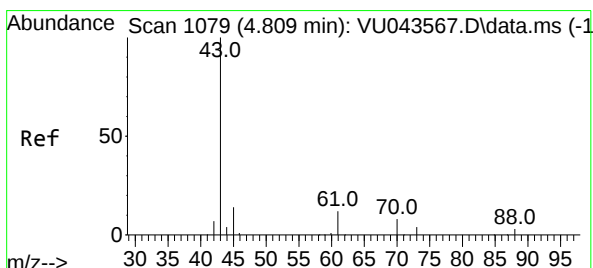
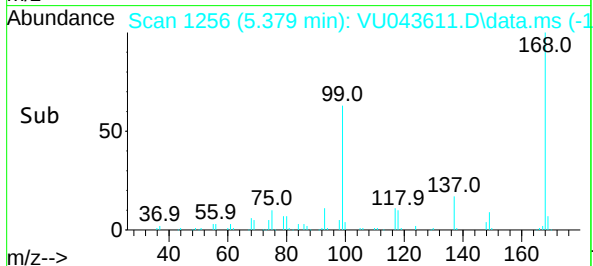
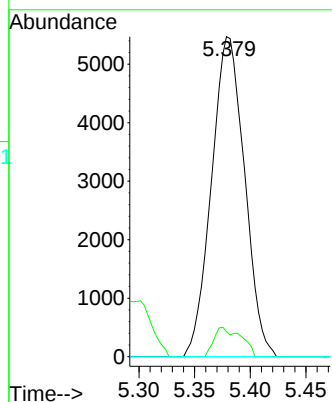
#36

1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-618-620



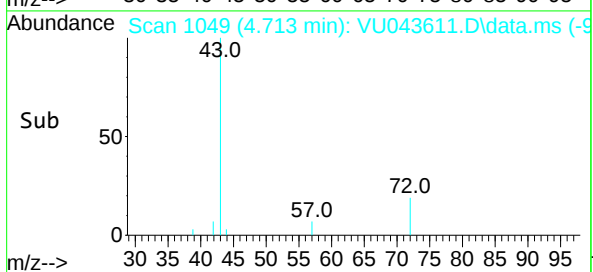
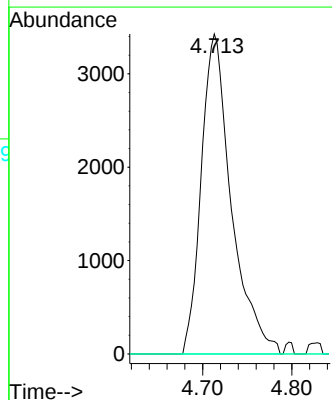
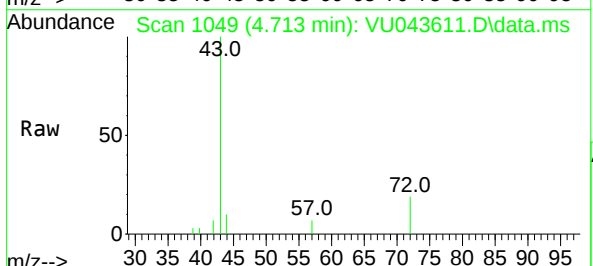
Tgt Ion:	75	Resp:	11290
Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.2	48.5#
77	0.0	24.4	36.6#

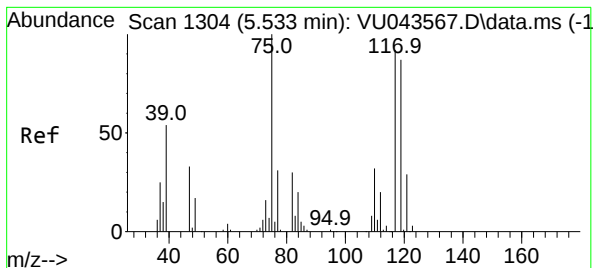


#37

Ethyl Acetate
Concen: 2.02 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.096 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Tgt Ion:	43	Resp:	8051
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	6.5	9.7#





#38

Carbon Tetrachloride

Concen: 5.20 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.154 min

Lab File: VU043611.D

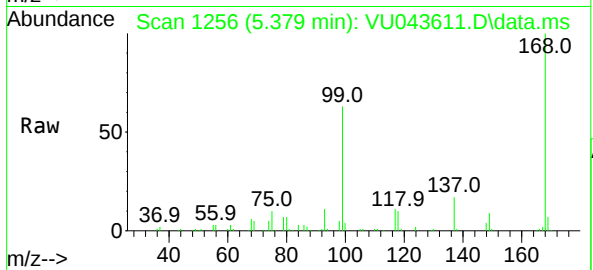
Acq: 07 May 2021 14:45

Instrument :

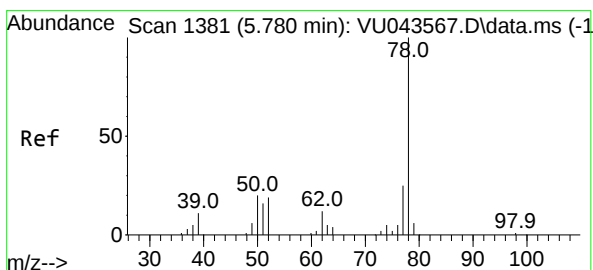
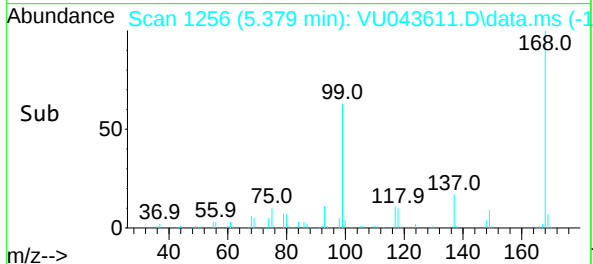
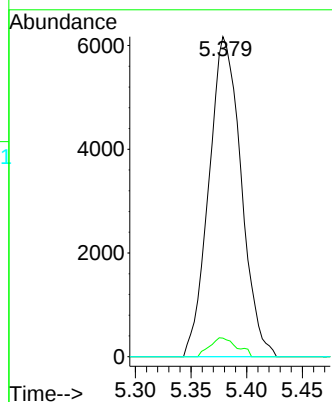
MSVOA_U

ClientSampleId :

BP-VPB-RW8-GW-618-620



Tgt Ion:	117	Resp:	12419
Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.4	113.0#
121	0.0	25.2	37.8#



#40

Benzene

Concen: 0.99 ug/l

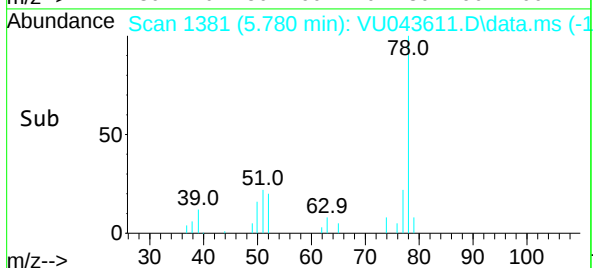
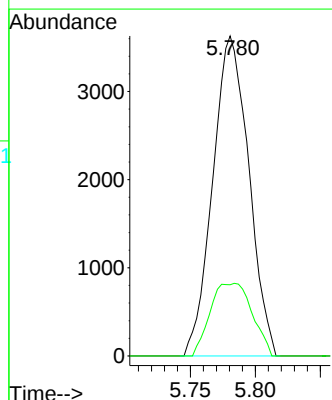
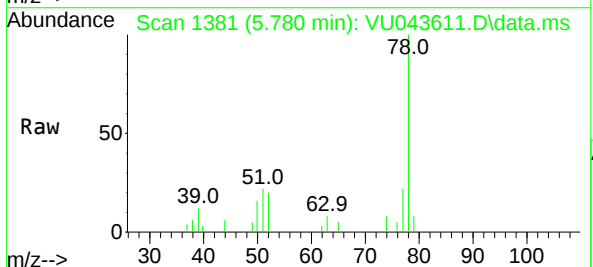
RT: 5.780 min Scan# 1381

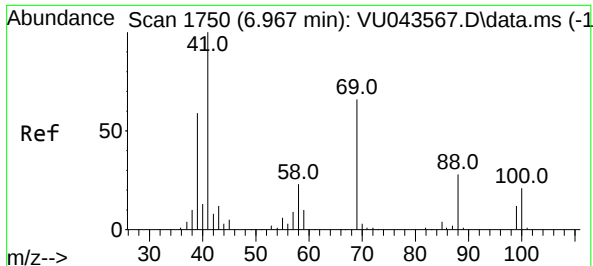
Delta R.T. 0.000 min

Lab File: VU043611.D

Acq: 07 May 2021 14:45

Tgt Ion:	78	Resp:	6999
Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.7	29.5





#48

Methyl methacrylate

Concen: 0.28 ug/l

RT: 6.890 min Scan# 1726

Delta R.T. -0.077 min

Lab File: VU043611.D

Acq: 07 May 2021 14:45

Tgt Ion: 41 Resp: 818

Ion Ratio Lower Upper

41 100

69 0.0 52.8 79.2#

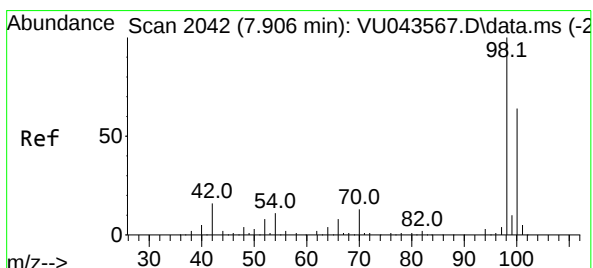
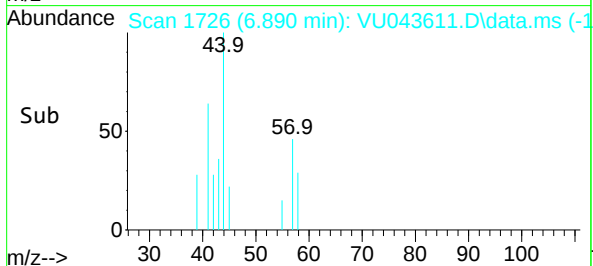
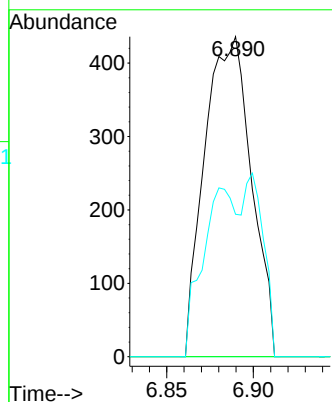
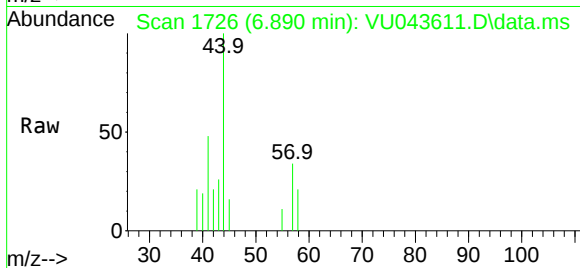
39 23.1 47.0 70.6#

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW8-GW-618-620



#50

Toluene-d8

Concen: 50.24 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. 0.000 min

Lab File: VU043611.D

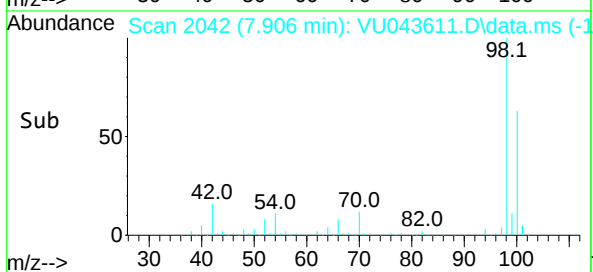
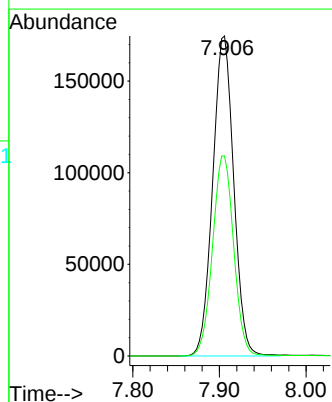
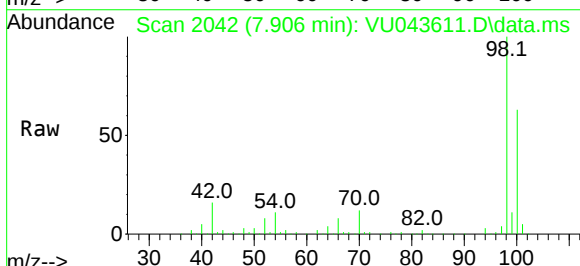
Acq: 07 May 2021 14:45

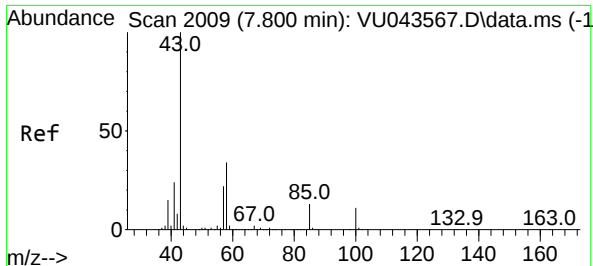
Tgt Ion: 98 Resp: 294689

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7

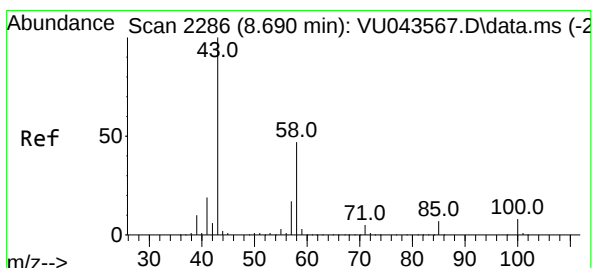
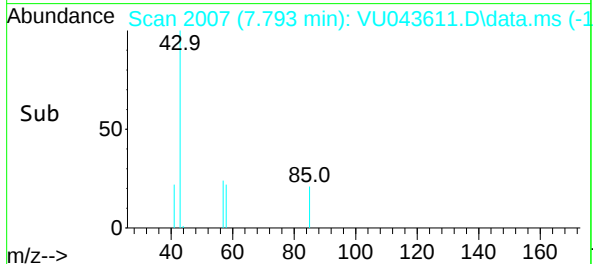
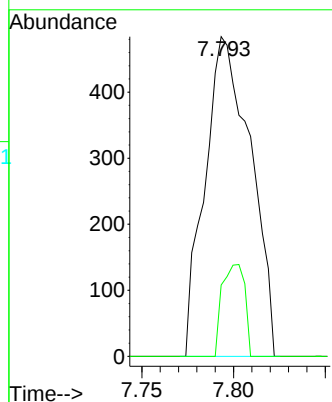
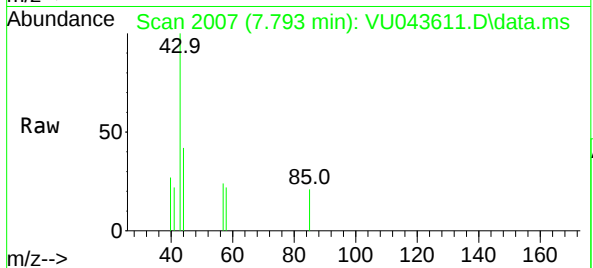




#51
4-Methyl-2-Pentanone
Concen: 19.35 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.007 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

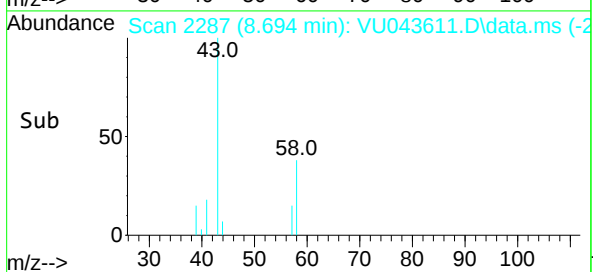
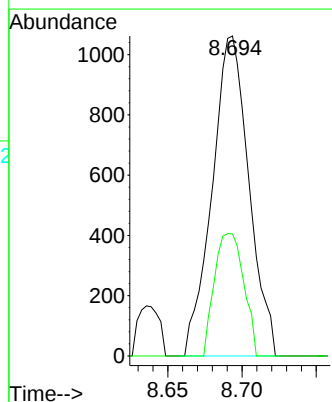
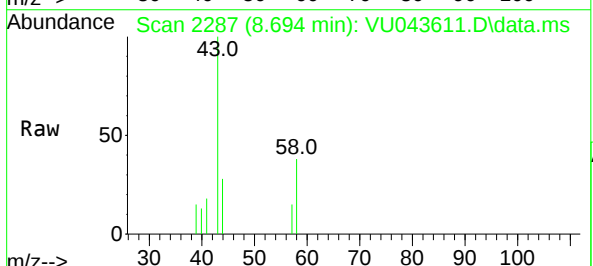
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-618-620

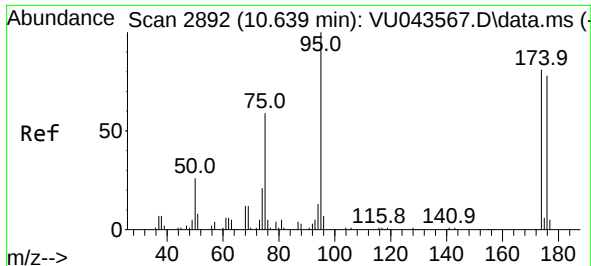
Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
58 14.2 27.2 40.8#



#59
2-Hexanone
Concen: 21.14 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. 0.004 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
58 30.4 23.4 70.2

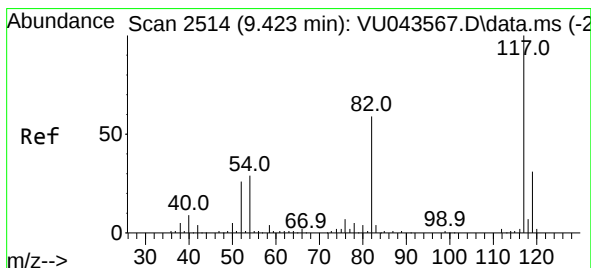
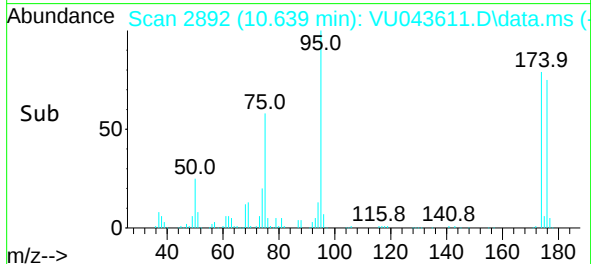
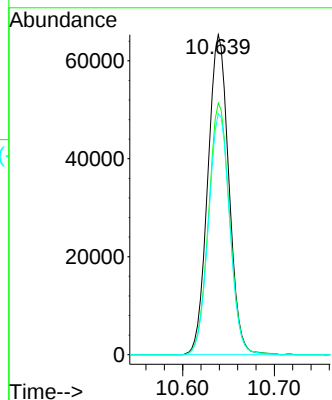
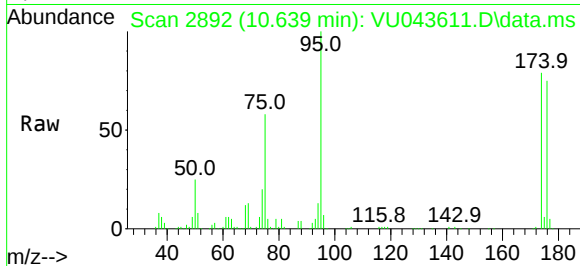




#62
4-Bromofluorobenzene
Concen: 46.57 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

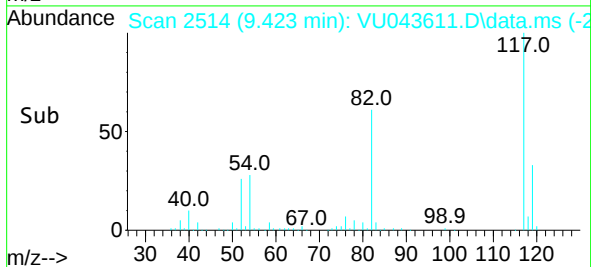
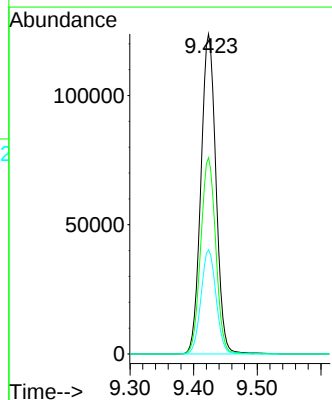
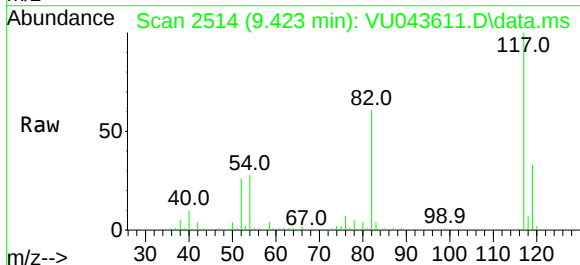
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-618-620

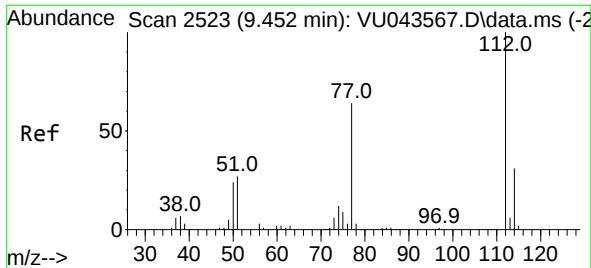
Tgt Ion: 95 Resp: 103922
Ion Ratio Lower Upper
95 100
174 79.2 0.0 158.8
176 76.1 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Tgt Ion: 117 Resp: 203141
Ion Ratio Lower Upper
117 100
82 61.3 47.5 71.3
119 32.6 24.7 37.1

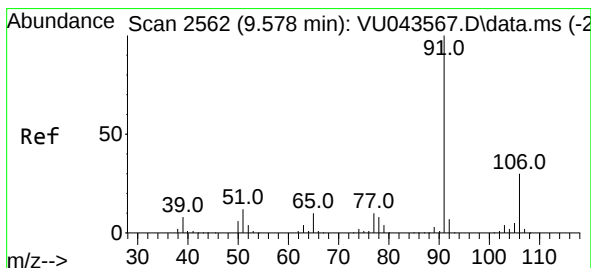
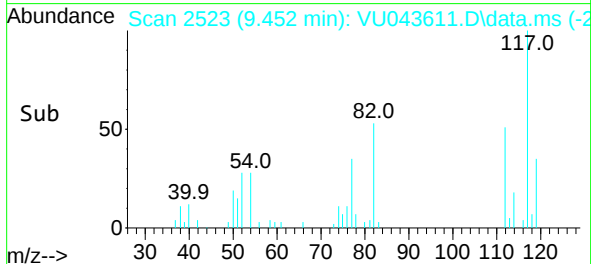
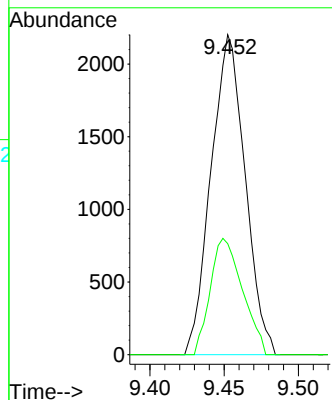
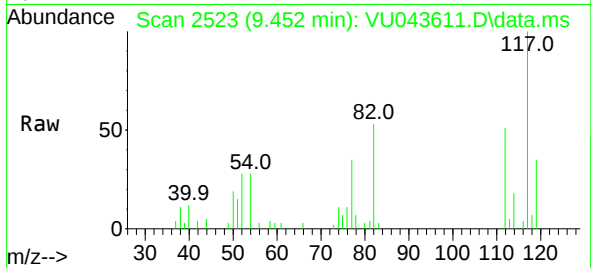




#65
Chlorobenzene
Concen: 0.79 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

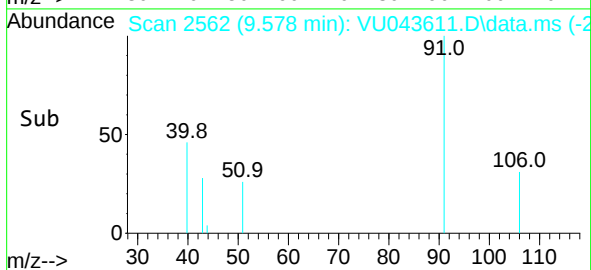
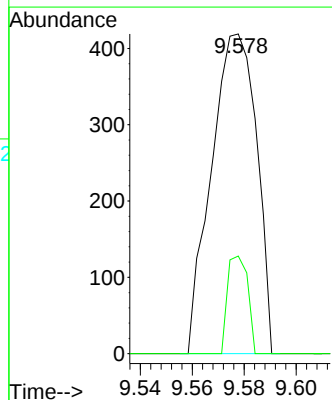
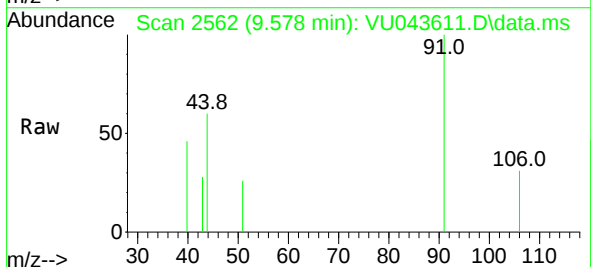
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-618-620

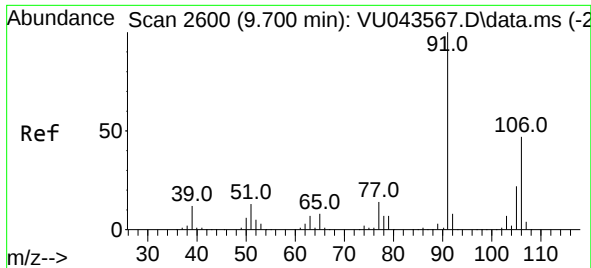
Tgt Ion:112 Resp: 3519
Ion Ratio Lower Upper
112 100
114 34.7 24.6 37.0



#67
Ethyl Benzene
Concen: 1.51 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Tgt Ion: 91 Resp: 507
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

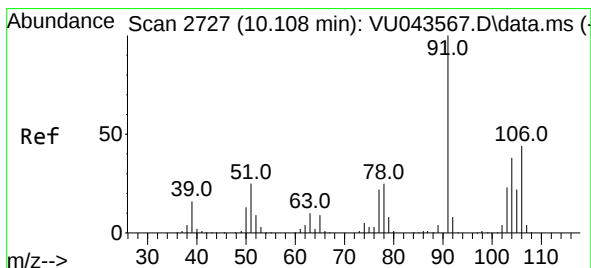
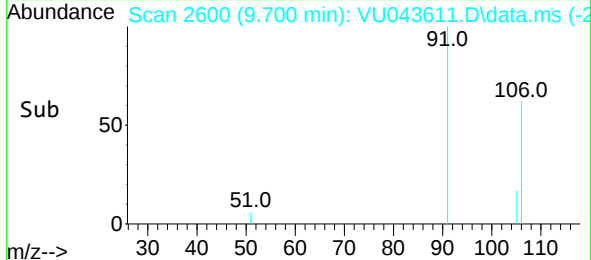
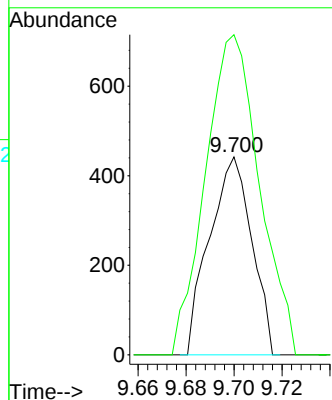
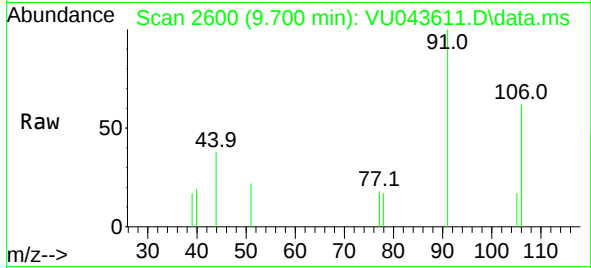




#68
m/p-Xylenes
Concen: 2.49 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

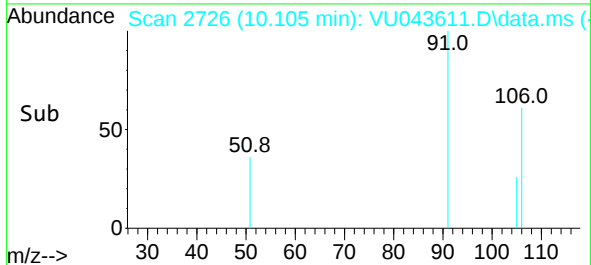
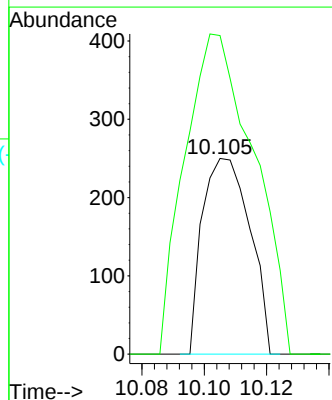
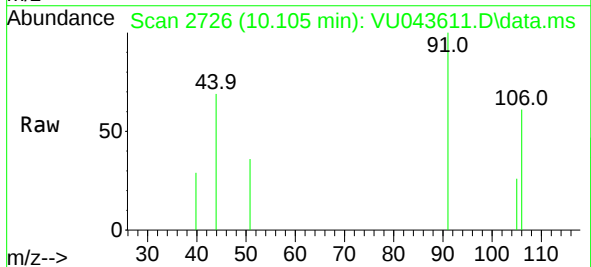
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-618-620

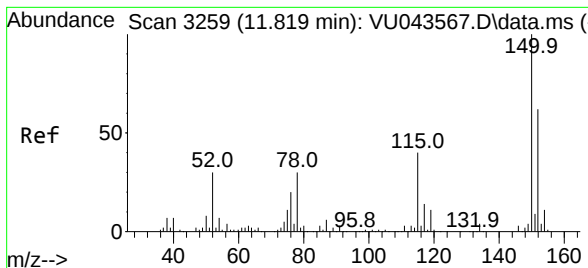
Tgt Ion:106 Resp: 542
Ion Ratio Lower Upper
106 100
91 205.9 171.7 257.5



#69
o-Xylene
Concen: 1.95 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Tgt Ion:106 Resp: 265
Ion Ratio Lower Upper
106 100
91 237.7 114.5 343.5

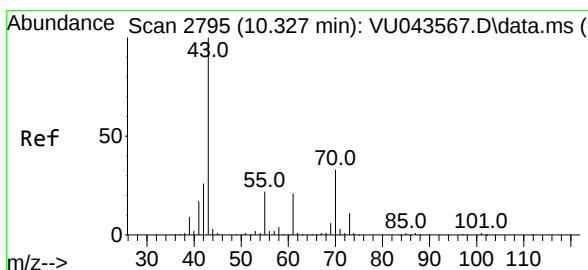
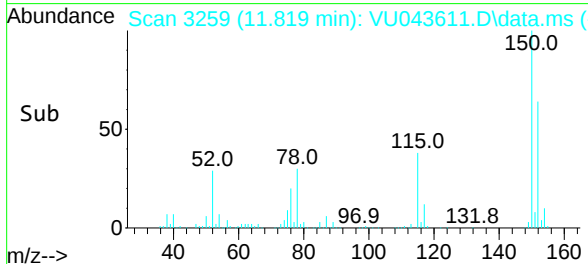
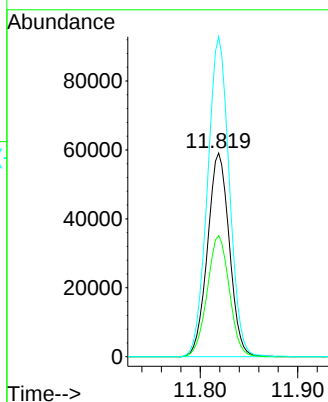
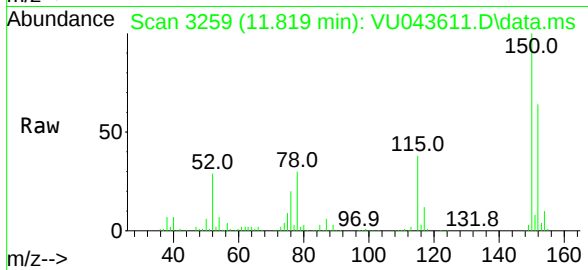




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU043611.D
 Acq: 07 May 2021 14:45

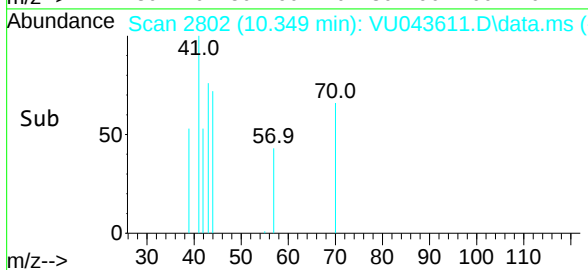
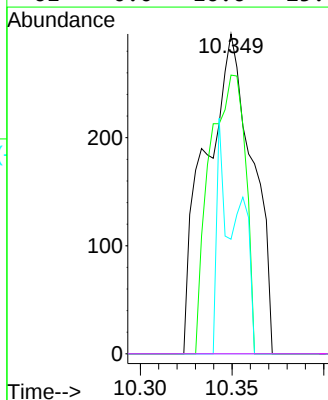
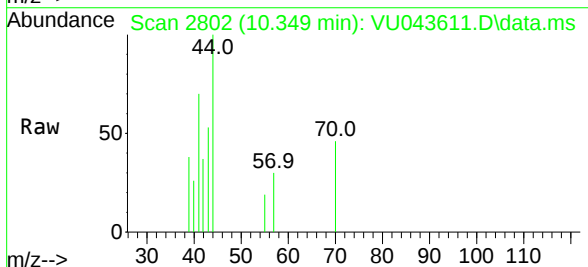
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-618-620

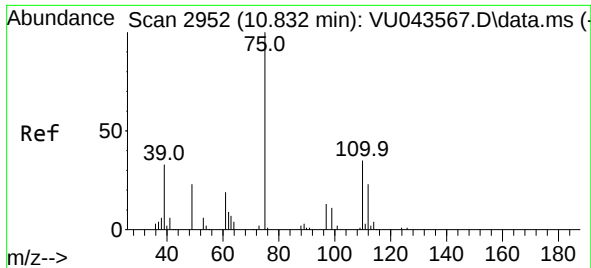
Tgt Ion:152 Resp: 91978
 Ion Ratio Lower Upper
 152 100
 115 60.2 46.1 138.3
 150 157.0 0.0 361.0



#74
 N-ethyl acetate
 Concen: 2.62 ug/l
 RT: 10.349 min Scan# 2802
 Delta R.T. 0.022 min
 Lab File: VU043611.D
 Acq: 07 May 2021 14:45

Tgt Ion: 43 Resp: 529
 Ion Ratio Lower Upper
 43 100
 70 65.8 26.4 39.6#
 55 14.6 18.0 27.0#
 61 0.0 16.6 25.0#

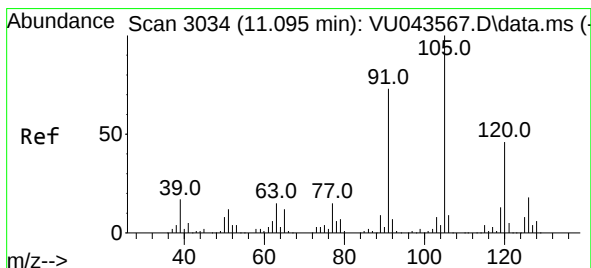
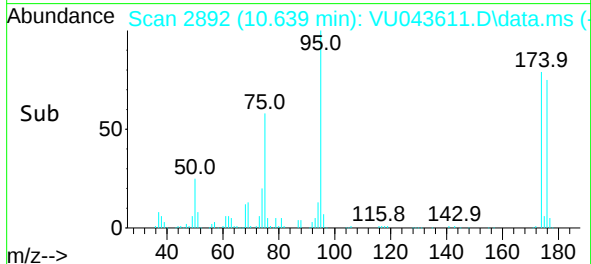
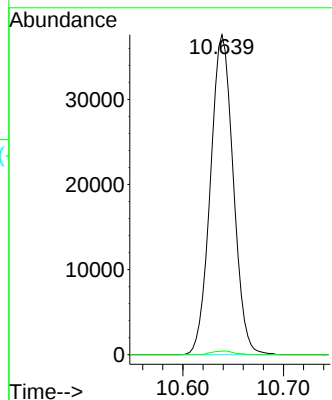
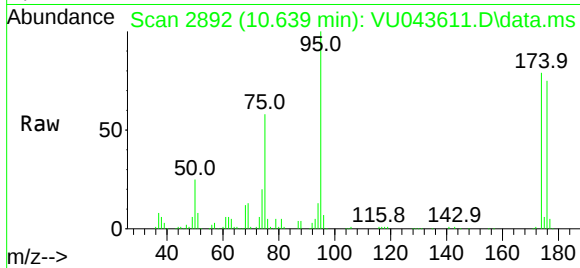




#76
1,2,3-Trichloropropane
Concen: 20.31 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

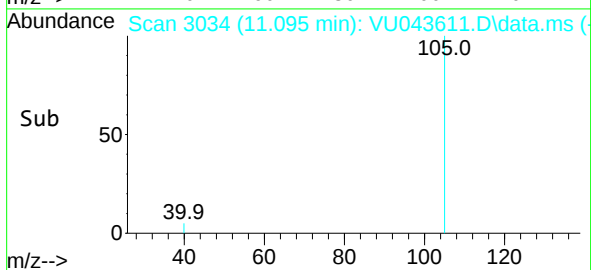
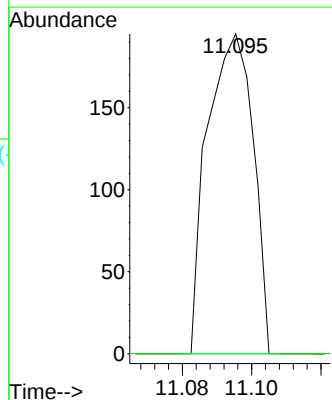
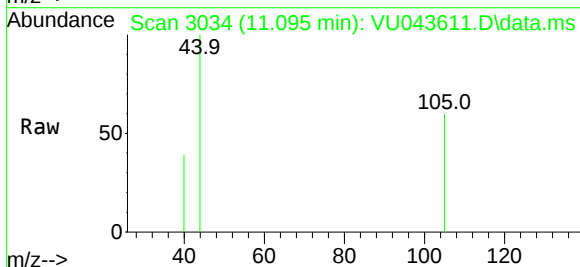
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-618-620

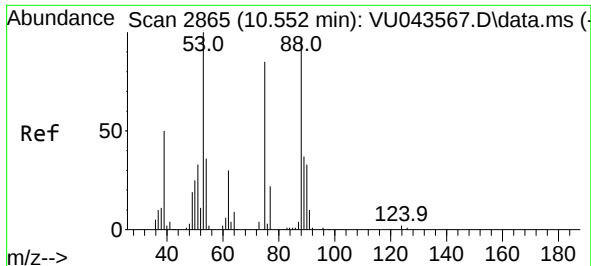
Tgt Ion: 75 Resp: 59404
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#80
1,3,5-Trimethylbenzene
Concen: 0.76 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

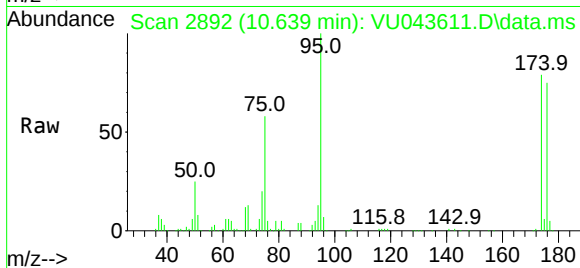
Tgt Ion:105 Resp: 179
Ion Ratio Lower Upper
105 100
120 0.0 22.9 68.7#



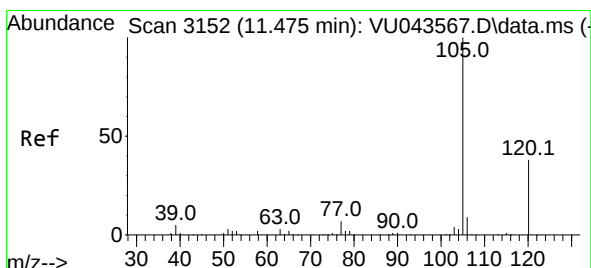
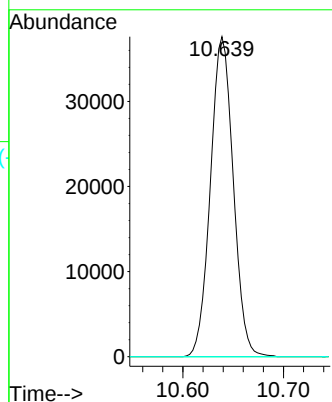
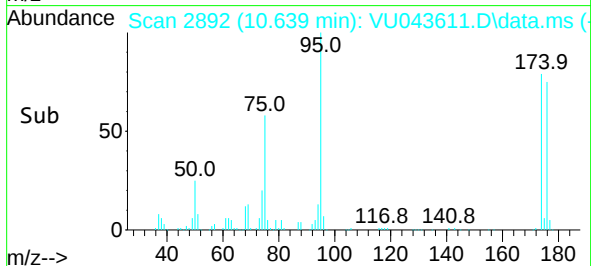


#81
trans-1,4-Dichloro-2-butene
Concen: 66.15 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

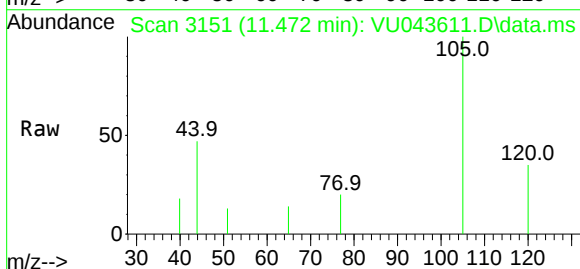
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-618-620



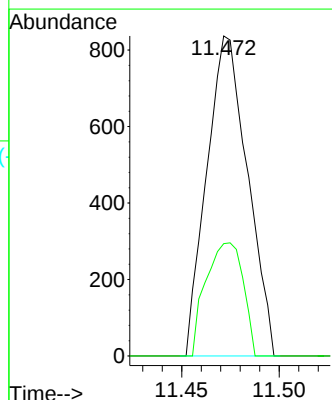
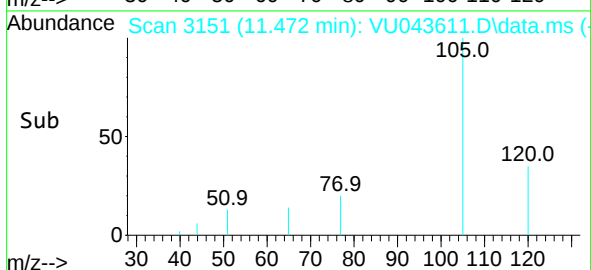
Tgt Ion: 75 Resp: 59404
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#

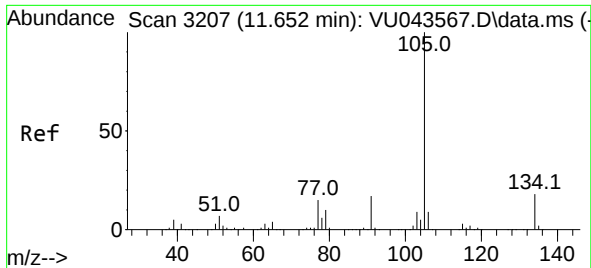


#84
1,2,4-Trimethylbenzene
Concen: 1.30 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45



Tgt Ion: 105 Resp: 1215
Ion Ratio Lower Upper
105 100
120 32.3 21.4 64.2

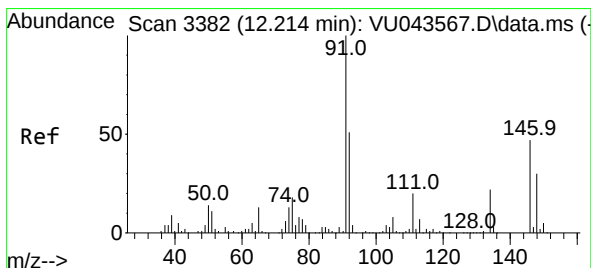
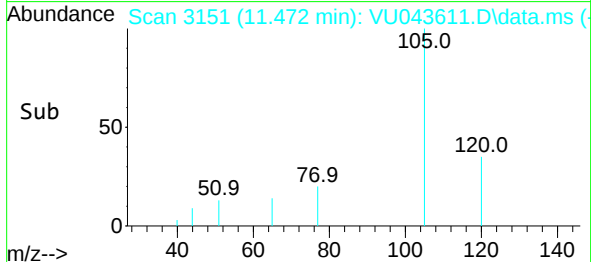
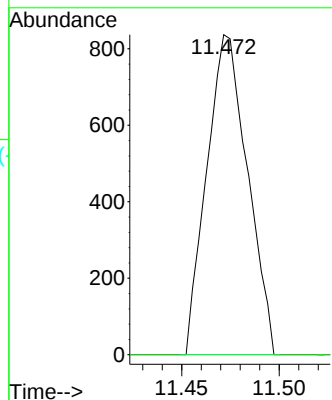
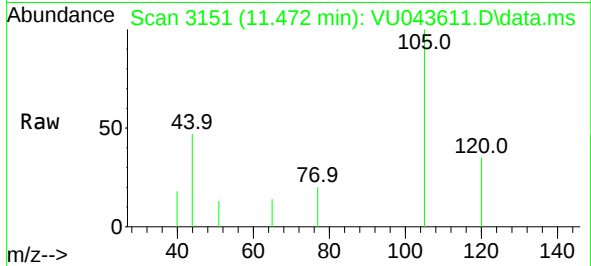




#85
 sec-Butylbenzene
 Concen: 1.49 ug/l
 RT: 11.472 min Scan# 3151
 Delta R.T. -0.180 min
 Lab File: VU043611.D
 Acq: 07 May 2021 14:45

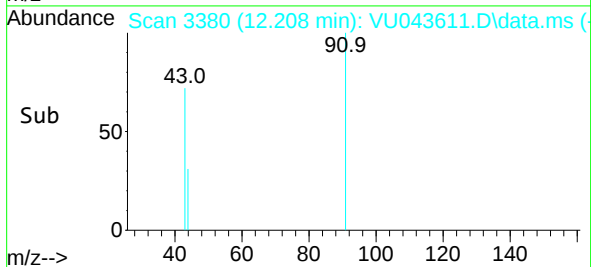
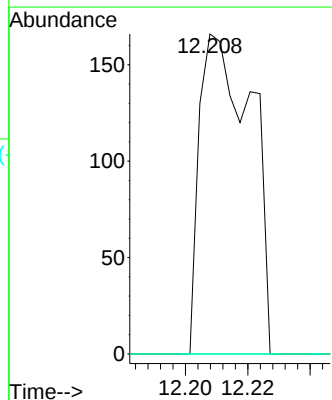
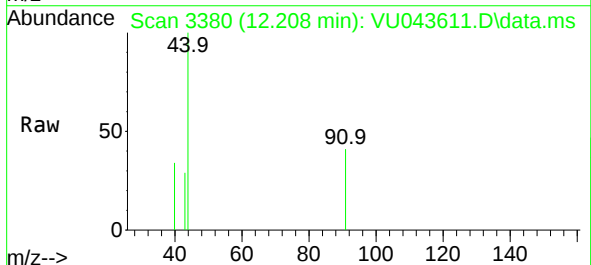
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-618-620

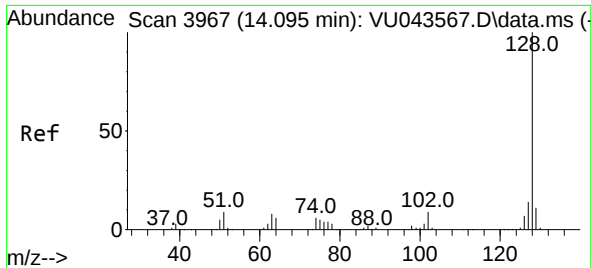
Tgt Ion:105 Resp: 1215
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.2 27.6#



#89
 n-Butylbenzene
 Concen: 2.56 ug/l
 RT: 12.208 min Scan# 3380
 Delta R.T. -0.006 min
 Lab File: VU043611.D
 Acq: 07 May 2021 14:45

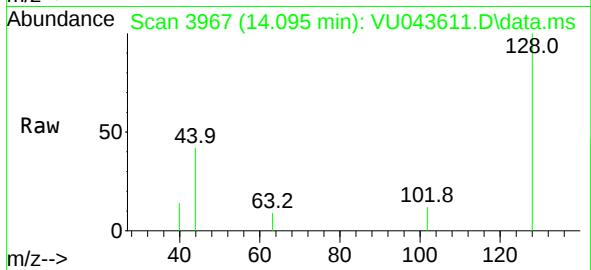
Tgt Ion: 91 Resp: 190
 Ion Ratio Lower Upper
 91 100
 92 0.0 25.4 76.2#
 134 0.0 11.3 33.9#





#95
Naphthalene
Concen: 1.79 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043611.D
Acq: 07 May 2021 14:45

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-618-620



Tgt Ion:128 Resp: 2112
Ion Ratio Lower Upper
128 100
127 0.9 10.7 16.1#
129 5.4 8.6 12.8#

