

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102621\
 Data File : VU045412.D
 Acq On : 26 Oct 2021 19:43
 Operator : SY/MD
 Sample : M4360-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-DUP-20211025

Quant Time: Oct 27 04:41:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

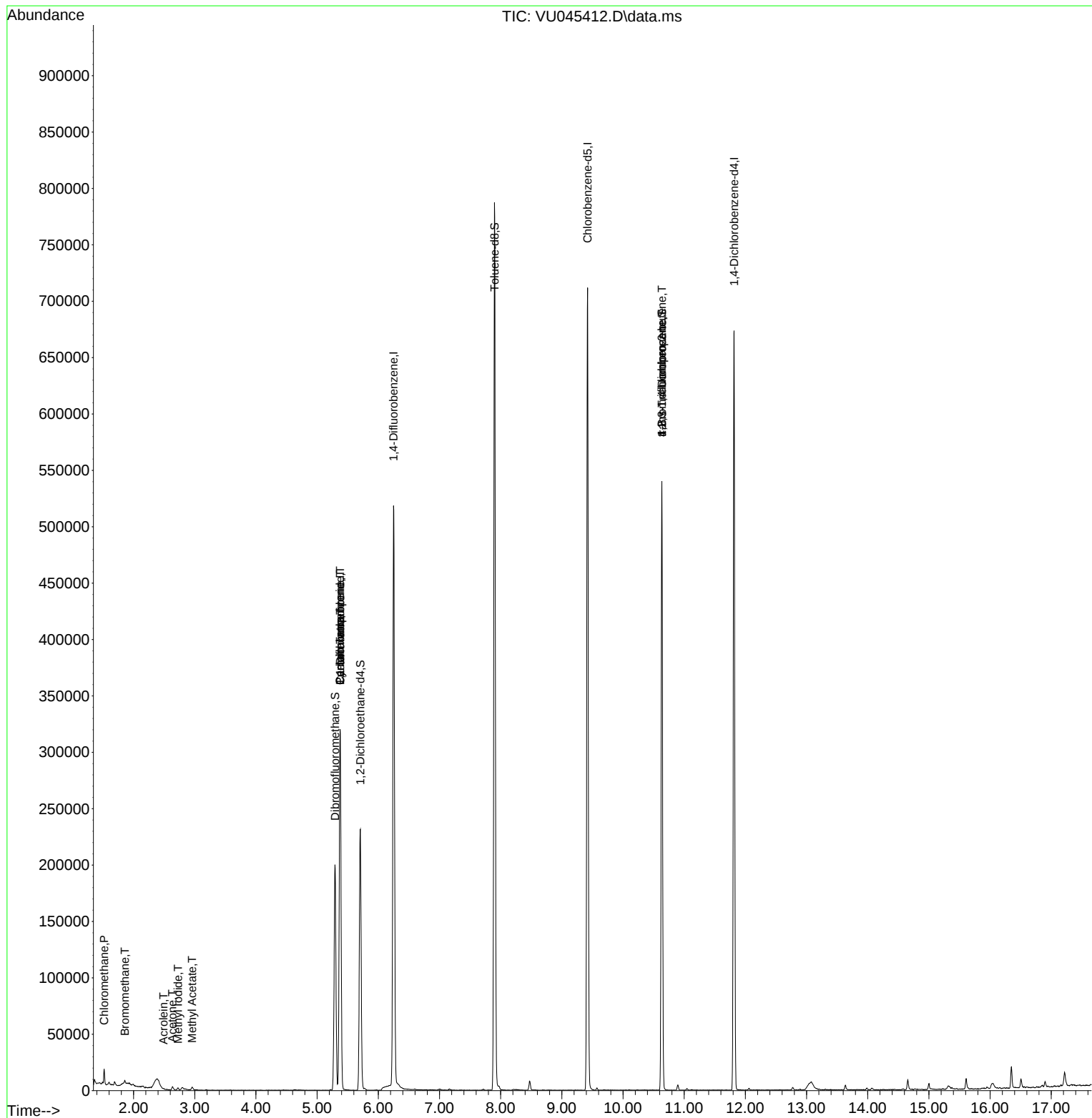
Internal Standards						
1) Pentafluorobenzene	5.375	168	213266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	407001	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	374854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	165095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	174184	49.065	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.120%
35) Dibromofluoromethane	5.292	113	127400	49.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.240%
50) Toluene-d8	7.899	98	514097	50.677	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.360%
62) 4-Bromofluorobenzene	10.636	95	181945	43.442	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	9284	2.714	ug/l	96
5) Bromomethane	1.858	94	744	0.555	ug/l	100
10) Methyl Iodide	2.726	142	2198	0.803	ug/l #	91
13) Acrolein	2.491	56	157	3.905	ug/l #	82
16) Acetone	2.636	43	3718	1.764	ug/l	91
18) Methyl Acetate	2.957	43	3224	0.523	ug/l	99
31) Cyclohexane	5.375	56	5032	0.933	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	19672	4.622	ug/l #	49
38) Carbon Tetrachloride	5.375	117	22505	6.110	ug/l #	15
49) 1,4-Dioxane	7.009	88	757	Below Cal	#	67
76) 1,2,3-Trichloropropane	10.636	75	95100	19.749	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	95100	54.806	ug/l #	9

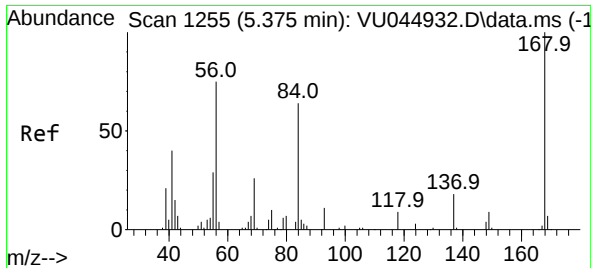
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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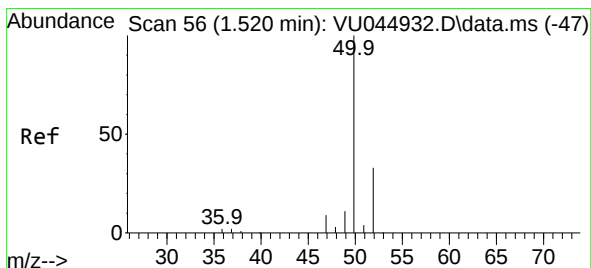
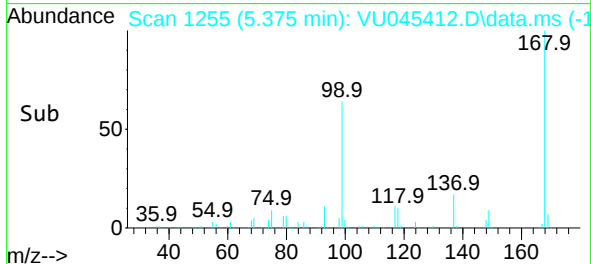
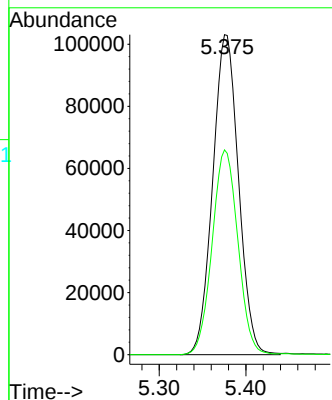
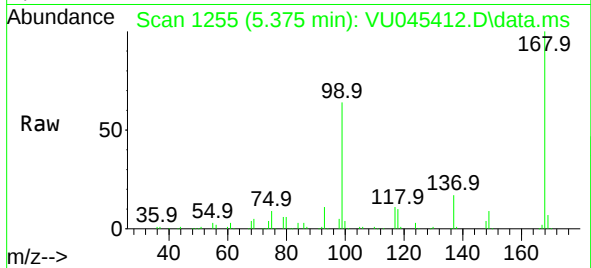




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

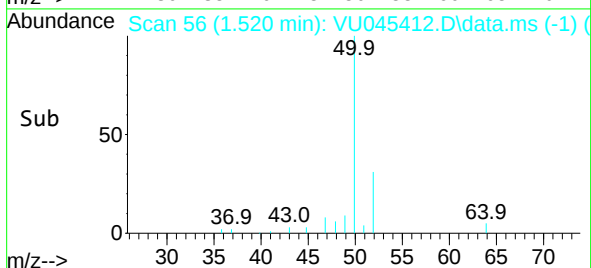
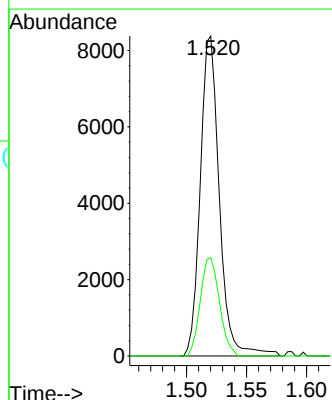
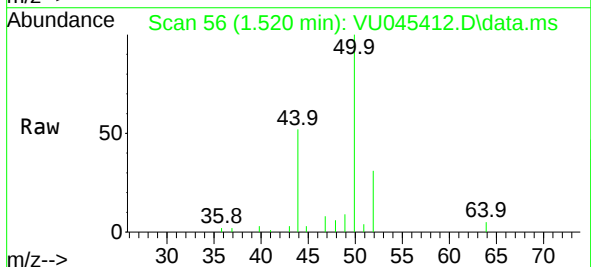
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-DUP-20211025

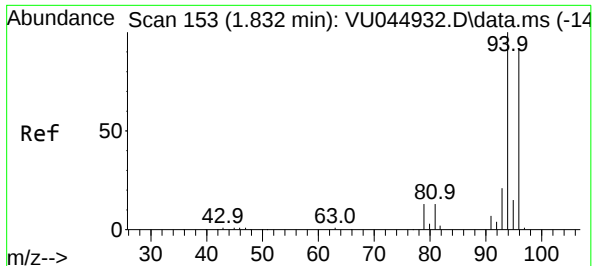
Tgt Ion:168 Resp: 213266
Ion Ratio Lower Upper
168 100
99 64.0 51.4 77.0



#3
Chloromethane
Concen: 2.714 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

Tgt Ion: 50 Resp: 9284
Ion Ratio Lower Upper
50 100
52 30.7 26.3 39.5

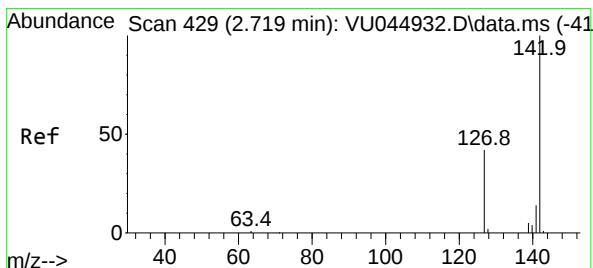
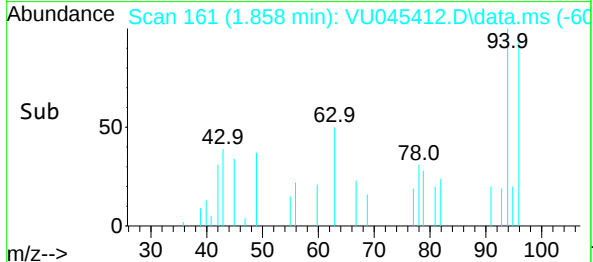
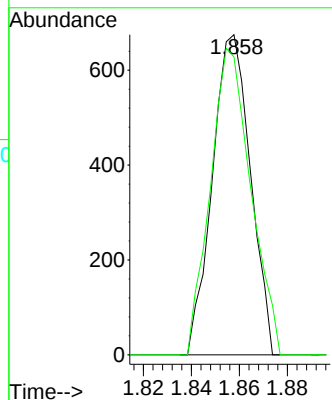
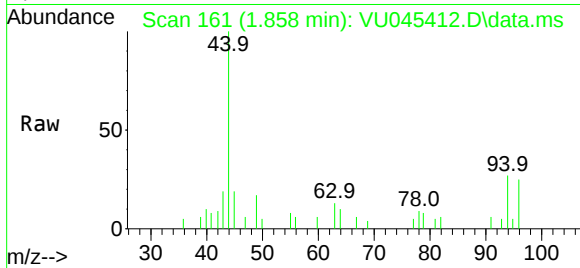




#5
Bromomethane
Concen: 0.555 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.026 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

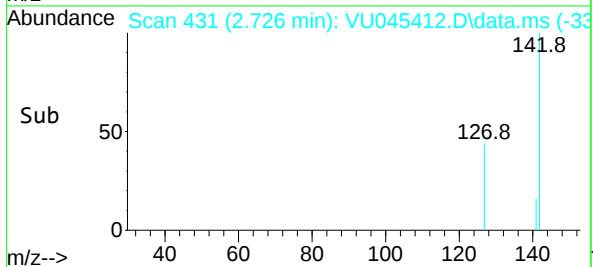
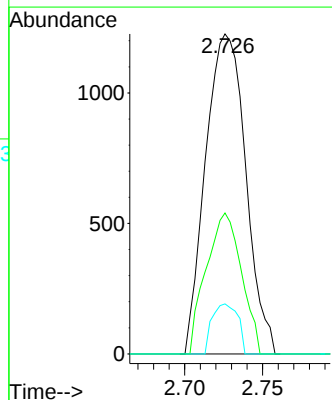
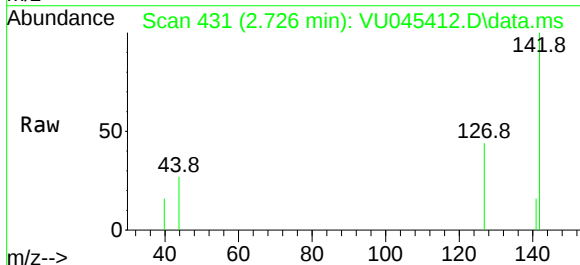
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-DUP-20211025

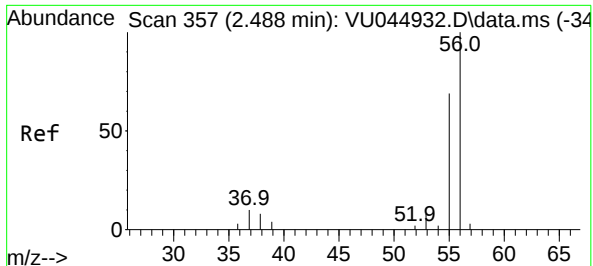
Tgt Ion: 94 Resp: 744
Ion Ratio Lower Upper
94 100
96 93.0 74.5 111.7



#10
Methyl Iodide
Concen: 0.803 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.007 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

Tgt Ion: 142 Resp: 2198
Ion Ratio Lower Upper
142 100
127 38.7 35.6 53.4
141 10.0 11.3 16.9#

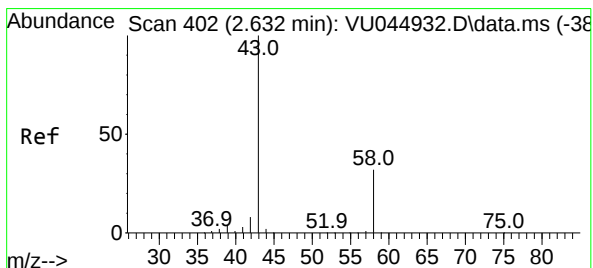
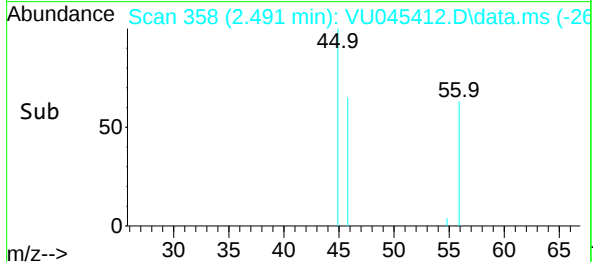
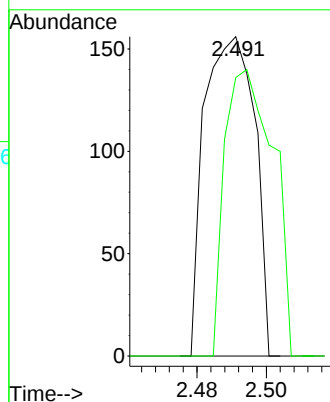
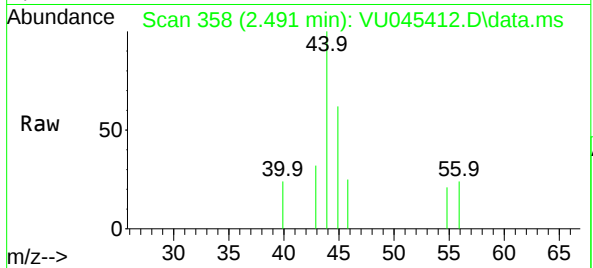




#13
Acrolein
Concen: 3.905 ug/l
RT: 2.491 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

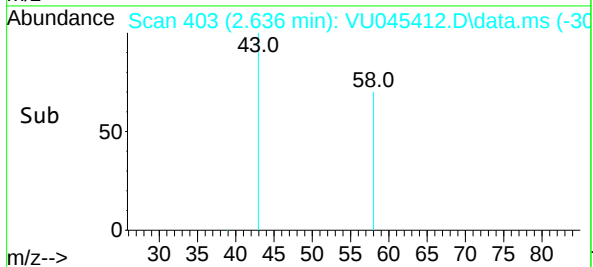
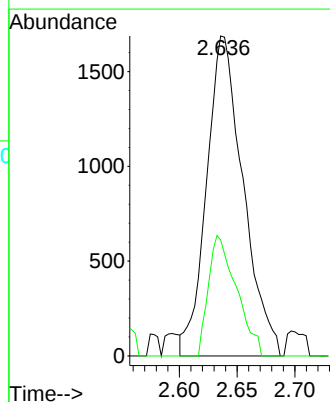
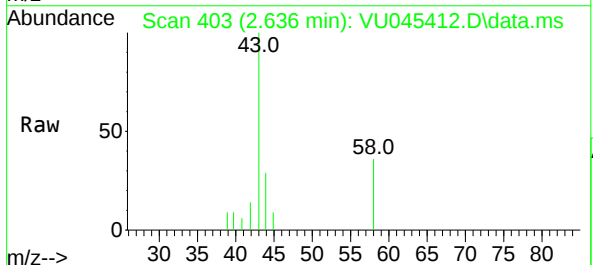
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-DUP-20211025

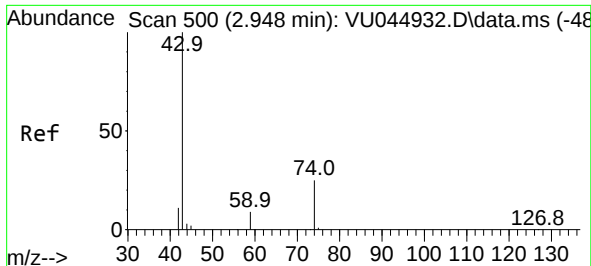
Tgt Ion: 56 Resp: 157
Ion Ratio Lower Upper
56 100
55 86.6 57.4 86.0#



#16
Acetone
Concen: 1.764 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

Tgt Ion: 43 Resp: 3718
Ion Ratio Lower Upper
43 100
58 36.3 25.2 37.8

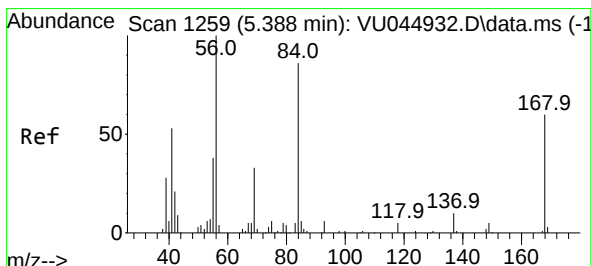
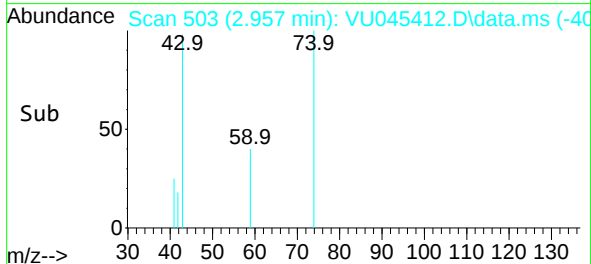
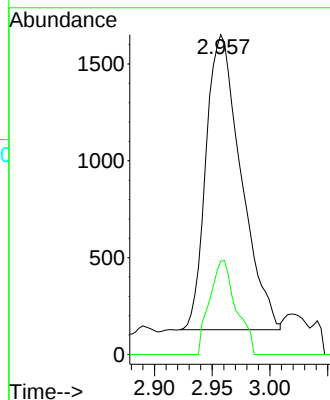
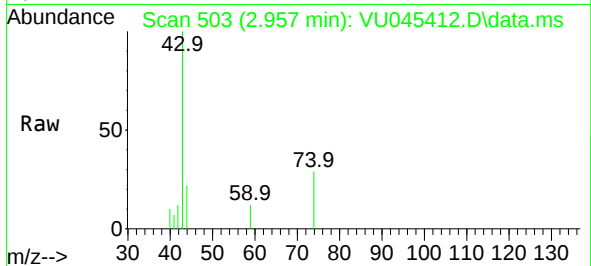




#18
Methyl Acetate
Concen: 0.523 ug/l
RT: 2.957 min Scan# 50
Delta R.T. 0.009 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

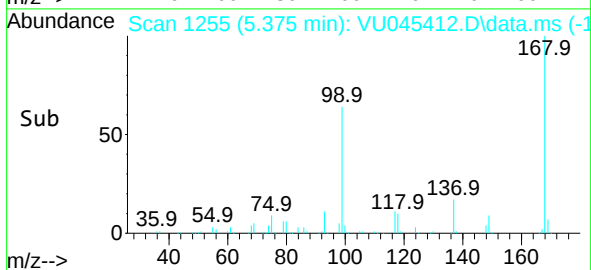
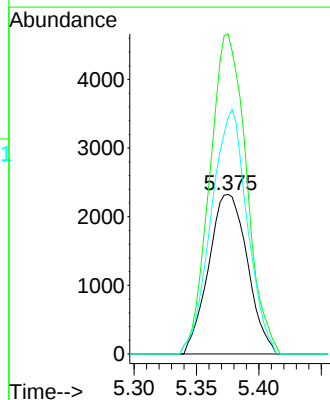
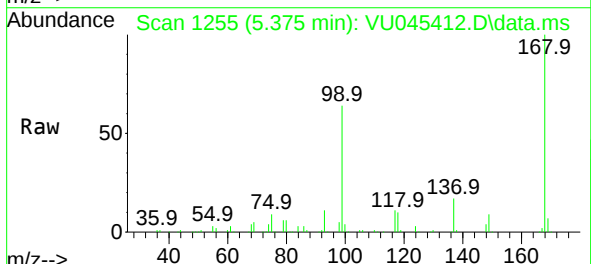
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-DUP-20211025

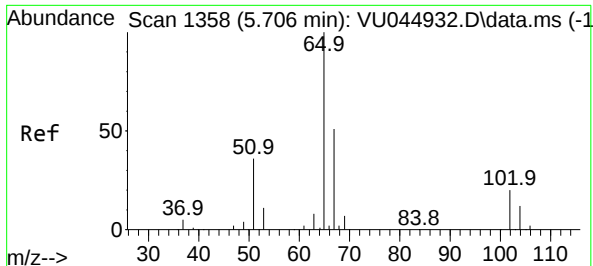
Tgt Ion: 43 Resp: 3224
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.6



#31
Cyclohexane
Concen: 0.933 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.013 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

Tgt Ion: 56 Resp: 5032
Ion Ratio Lower Upper
56 100
69 200.6 25.2 37.8#
84 148.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 49.065 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045412.D

Acq: 26 Oct 2021 19:43

Instrument :

MSVOA_U

ClientSampleId :

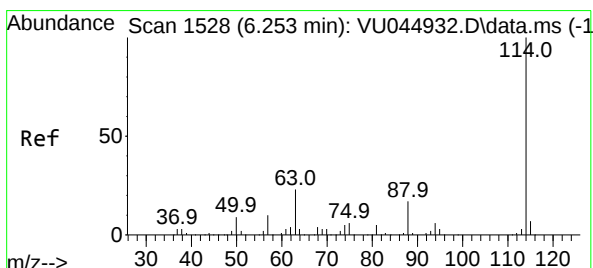
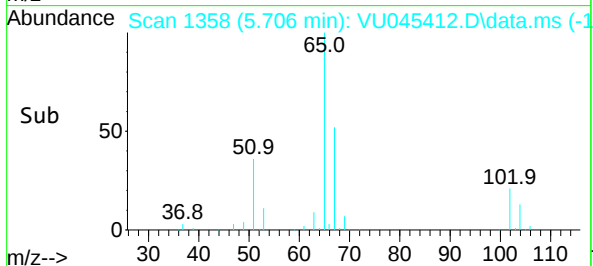
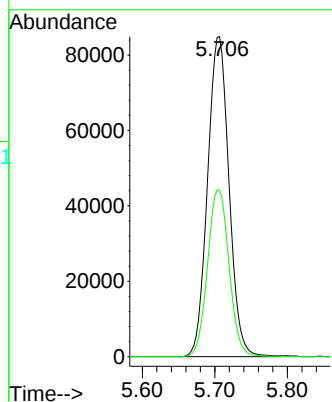
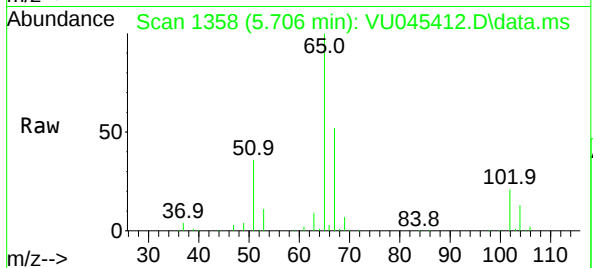
BP-VPB-RW9-DUP-20211025

Tgt Ion: 65 Resp: 174184

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045412.D

Acq: 26 Oct 2021 19:43

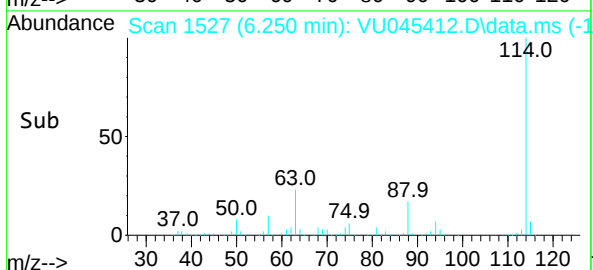
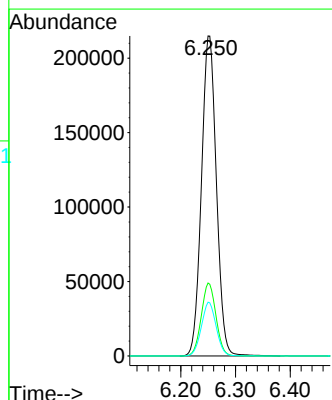
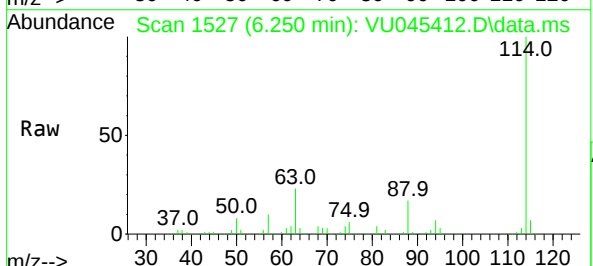
Tgt Ion: 114 Resp: 407001

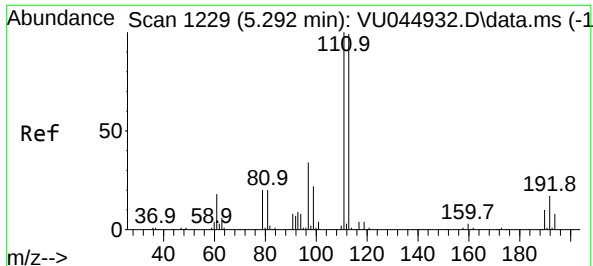
Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.8

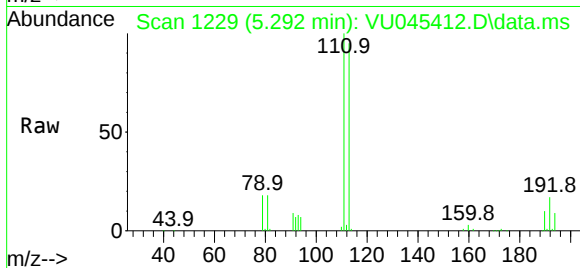
88 16.8 0.0 32.8



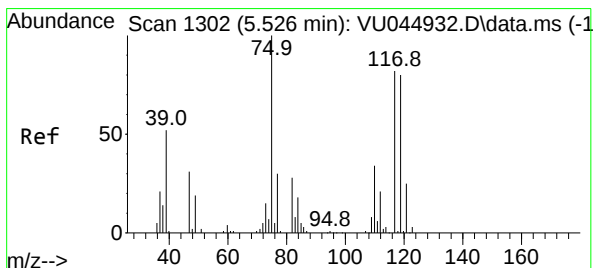
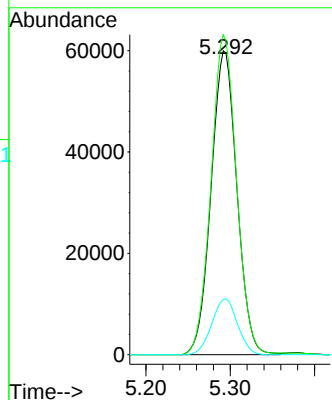
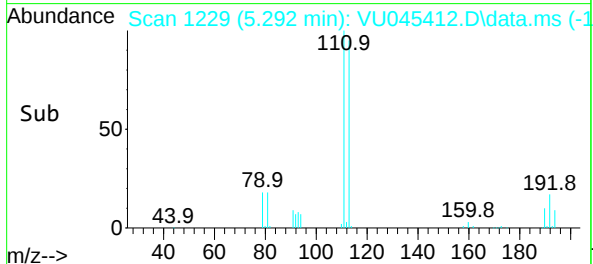


#35
Dibromofluoromethane
Concen: 49.620 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-DUP-20211025

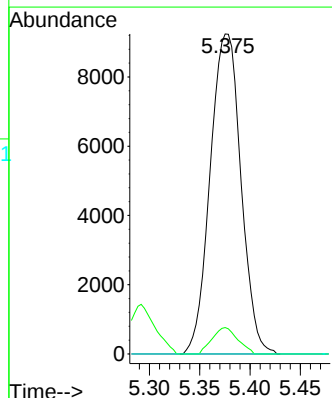
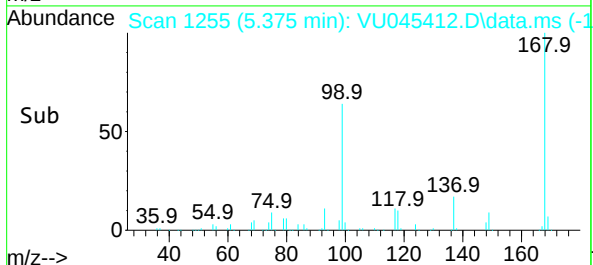
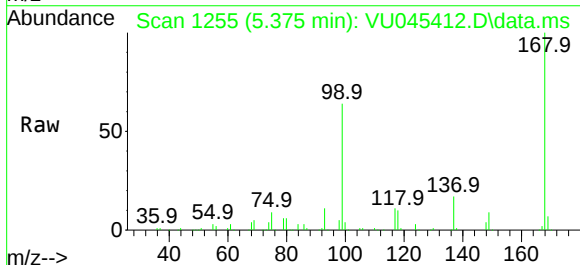


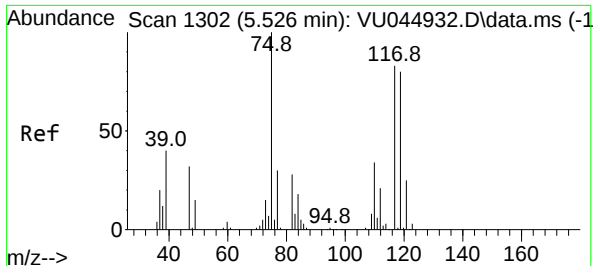
Tgt Ion:113 Resp: 127400
Ion Ratio Lower Upper
113 100
111 104.3 84.1 126.1
192 18.3 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.151 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

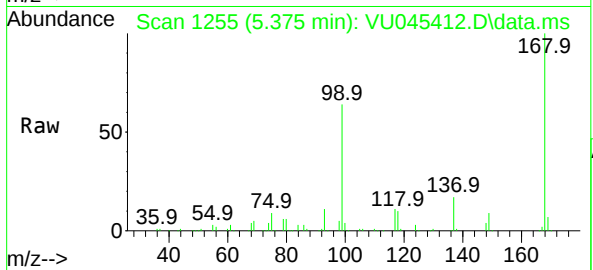
Tgt Ion: 75 Resp: 19672
Ion Ratio Lower Upper
75 100
110 6.8 16.3 48.9#
77 0.0 25.0 37.4#



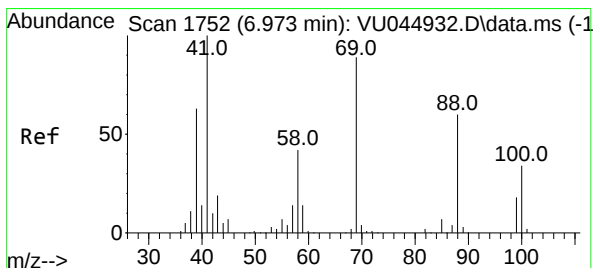
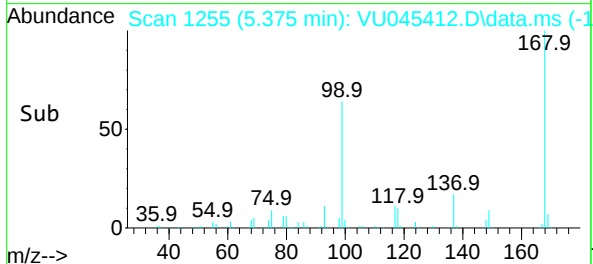
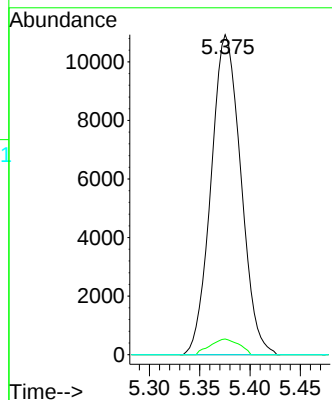


#38
Carbon Tetrachloride
Concen: 6.110 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-DUP-20211025

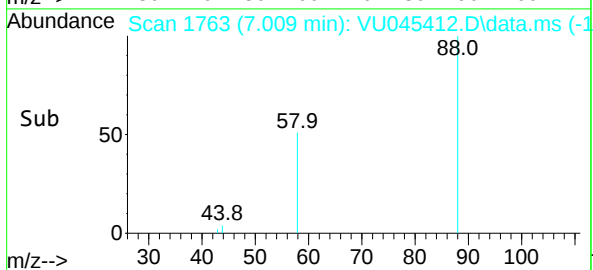
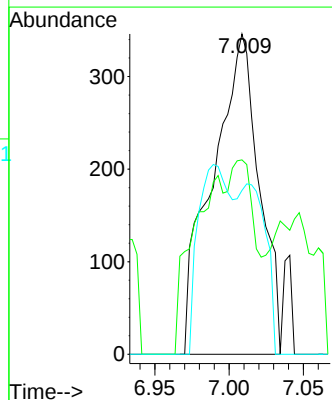
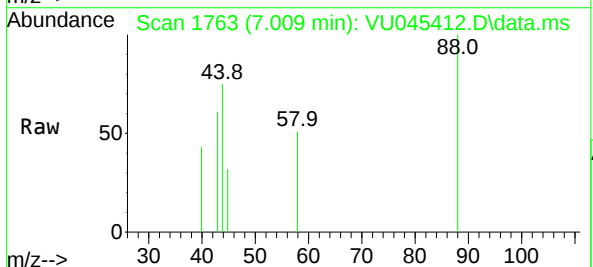


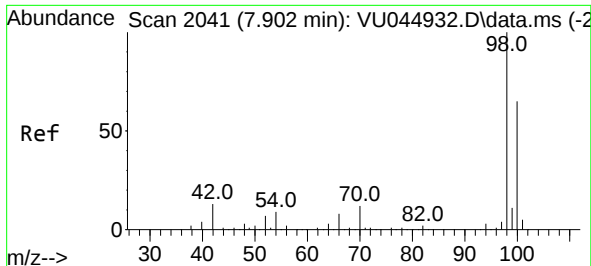
Tgt Ion:117 Resp: 22505
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.2#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.009 min Scan# 1763
Delta R.T. 0.036 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

Tgt Ion: 88 Resp: 757
Ion Ratio Lower Upper
88 100
43 38.0 25.8 38.6
58 40.6 61.3 91.9#

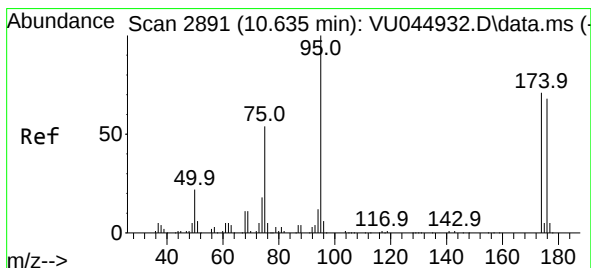
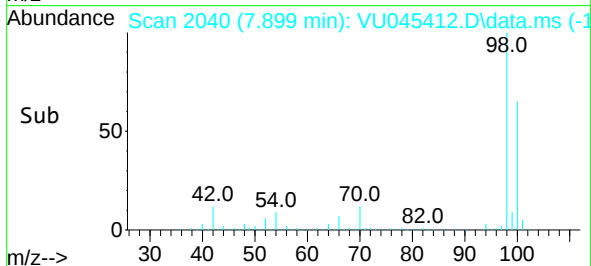
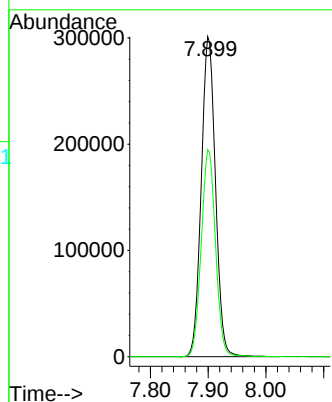
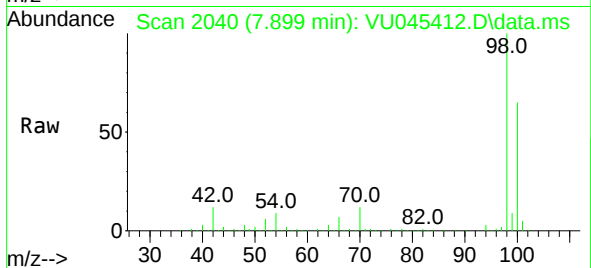




#50
Toluene-d8
Concen: 50.677 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

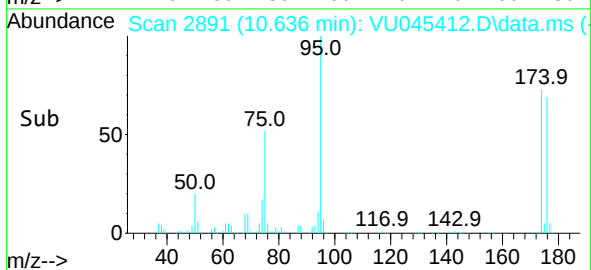
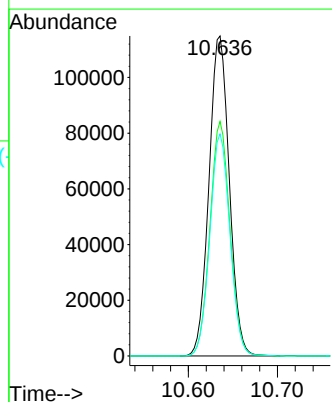
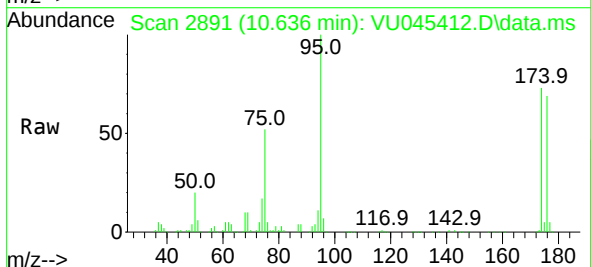
Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-DUP-20211025

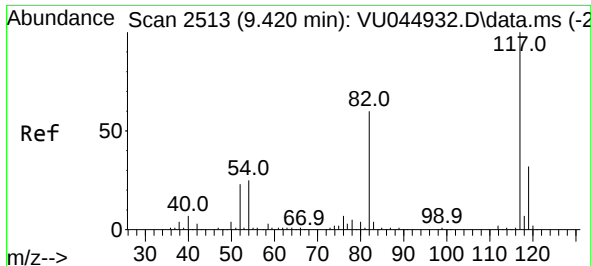
Tgt Ion: 98 Resp: 514097
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 43.442 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

Tgt Ion: 95 Resp: 181945
Ion Ratio Lower Upper
95 100
174 72.3 0.0 146.6
176 68.6 0.0 141.2

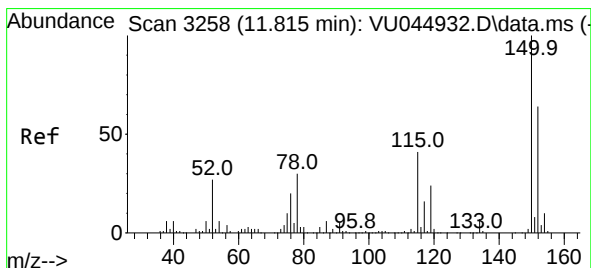
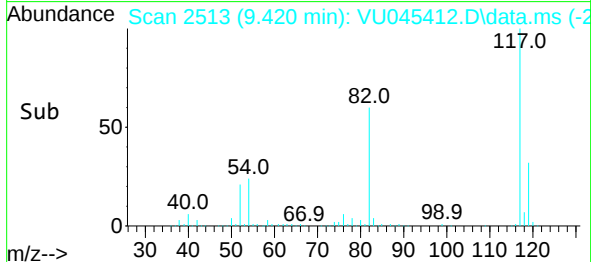
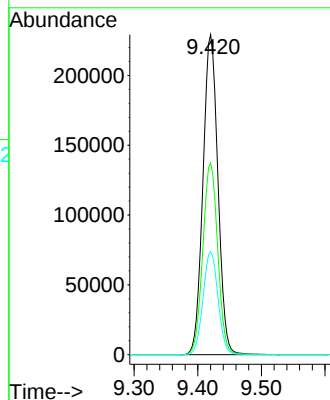
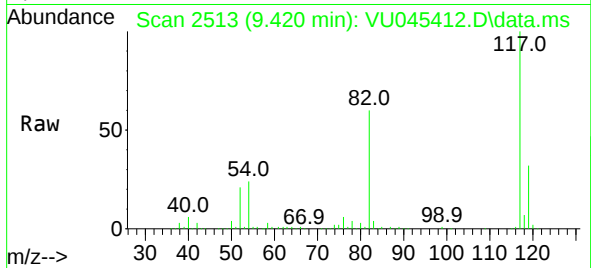




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

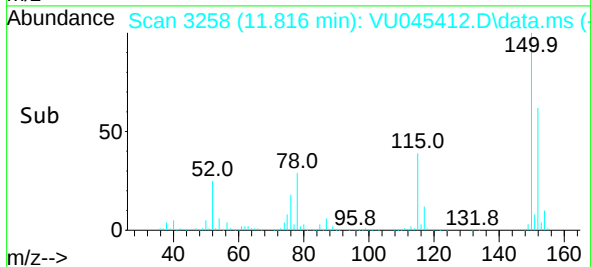
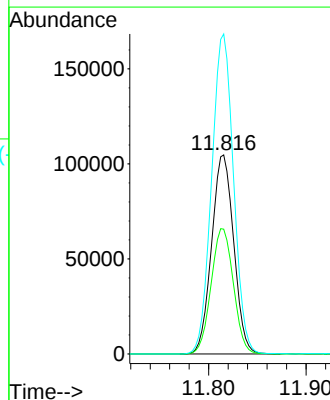
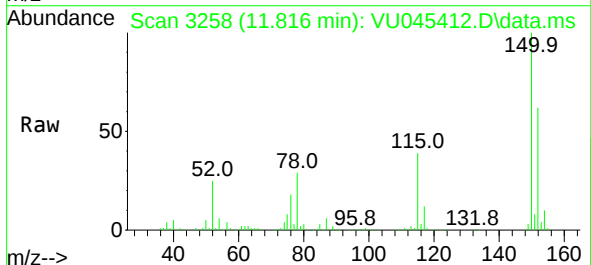
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-DUP-20211025

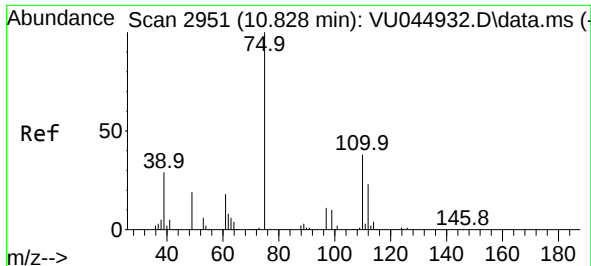
Tgt Ion:117 Resp: 374854
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

Tgt Ion:152 Resp: 165095
Ion Ratio Lower Upper
152 100
115 63.3 43.5 130.7
150 159.1 0.0 350.0

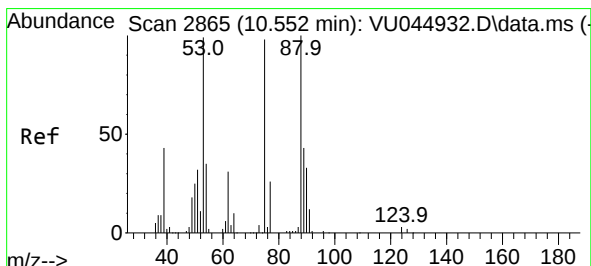
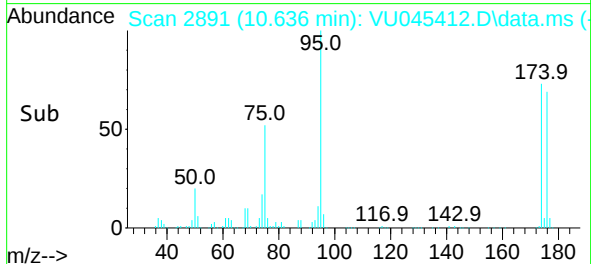
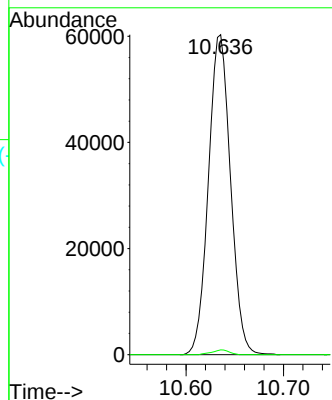
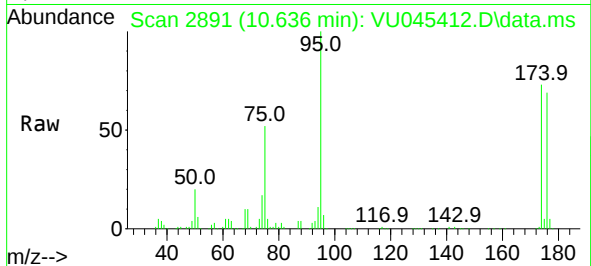




#76
1,2,3-Trichloropropane
Concen: 19.749 ug/l
RT: 10.636 min Scan# 21
Delta R.T. -0.192 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-DUP-20211025

Tgt Ion: 75 Resp: 95100
Ion Ratio Lower Upper
75 100
77 1.2 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.806 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU045412.D
Acq: 26 Oct 2021 19:43

Tgt Ion: 75 Resp: 95100
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

