

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045499.D
 Acq On : 01 Nov 2021 20:03
 Operator : SY/MD
 Sample : M4431-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-418-420

Quant Time: Nov 02 07:37:04 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)

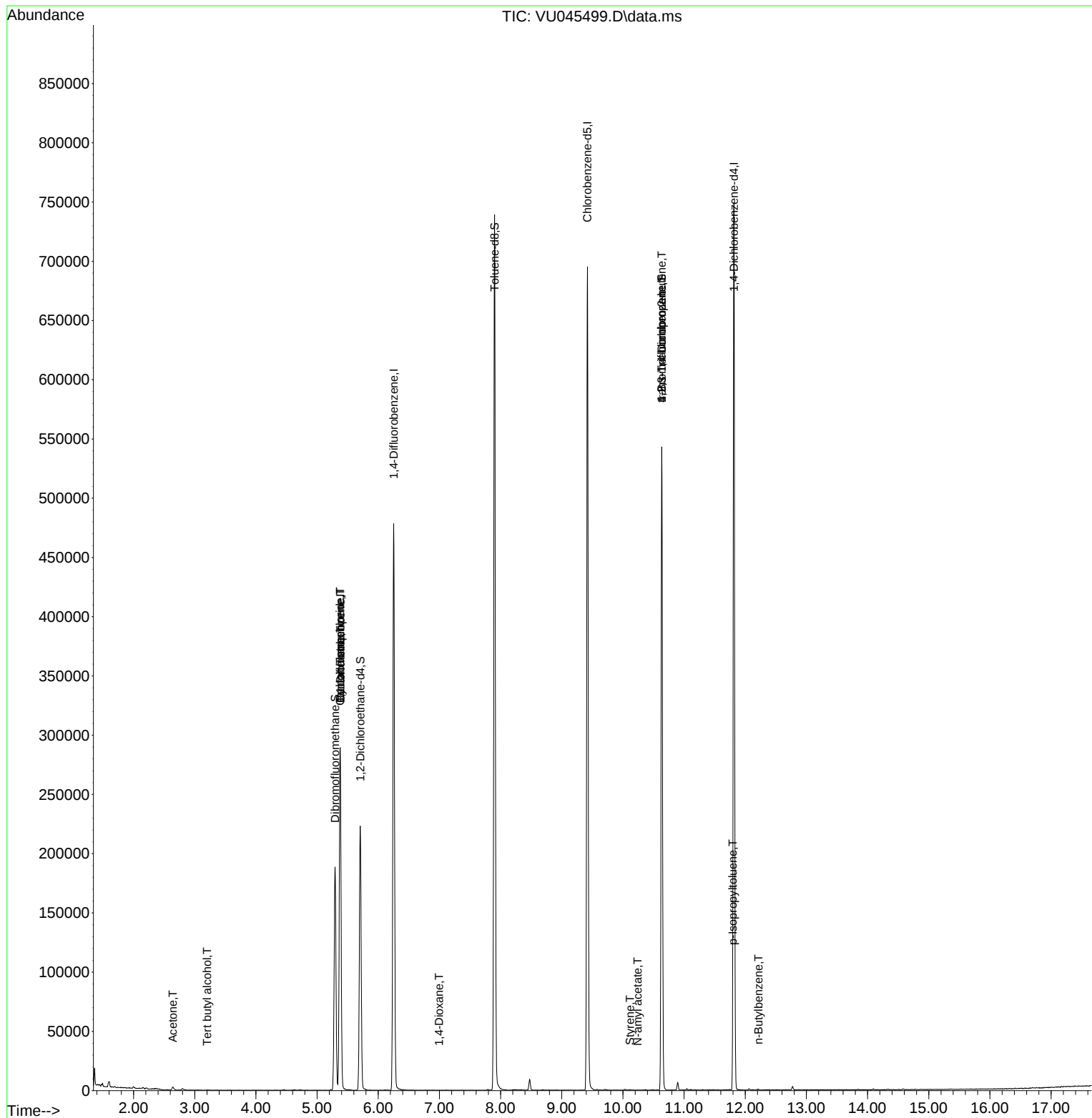
Internal Standards						
1) Pentafluorobenzene	5.379	168	194375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	381340	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	377375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	184720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	166227	52.529	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.060%	
35) Dibromofluoromethane	5.295	113	122693	50.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.200%	
50) Toluene-d8	7.903	98	489399	51.471	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	10.636	95	188598	52.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.202	59	380	0.556	ug/l #	72
16) Acetone	2.642	43	3815	2.656	ug/l #	85
31) Cyclohexane	5.379	56	4679	0.993	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	17740	4.887	ug/l #	46
38) Carbon Tetrachloride	5.375	117	20241	6.393	ug/l #	15
49) 1,4-Dioxane	6.996	88	20	0.251	ug/l #	13
70) Styrene	10.118	104	163	0.994	ug/l #	25
74) N-amyl acetate	10.240	43	62	1.164	ug/l #	40
76) 1,2,3-Trichloropropane	10.636	75	96687	19.645	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	96687	54.614	ug/l #	12
86) p-Isopropyltoluene	11.793	119	158	0.201	ug/l #	1
89) n-Butylbenzene	12.217	91	304	0.964	ug/l #	79

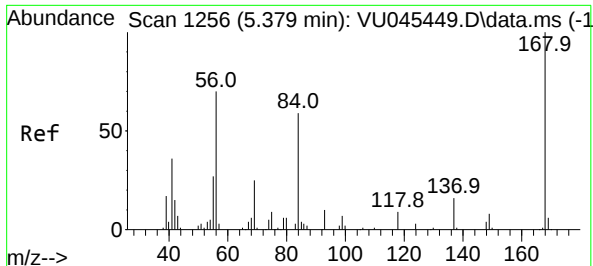
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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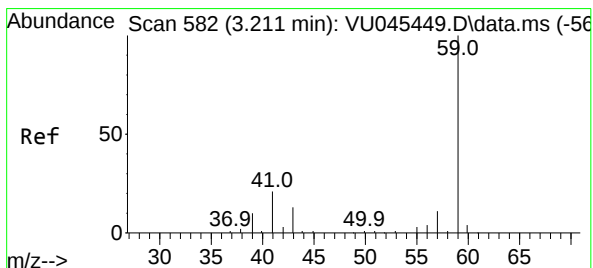
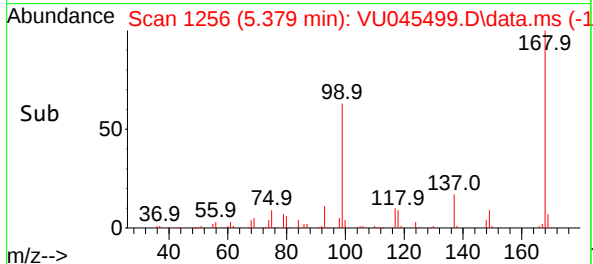
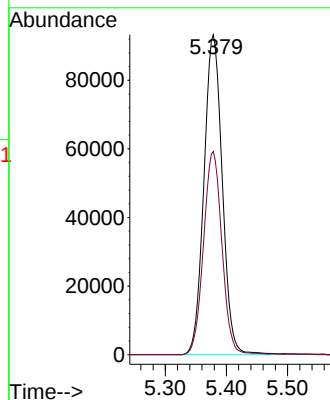
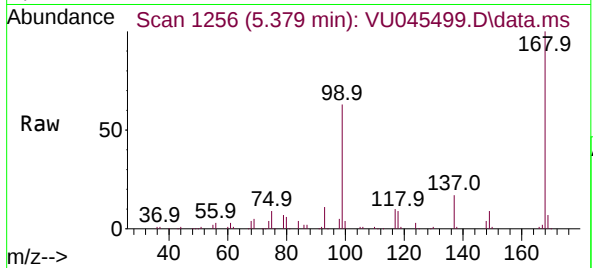




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

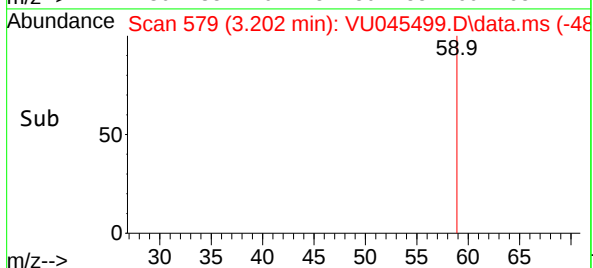
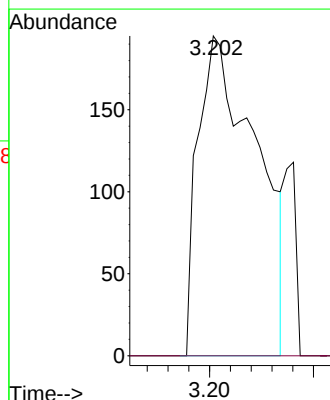
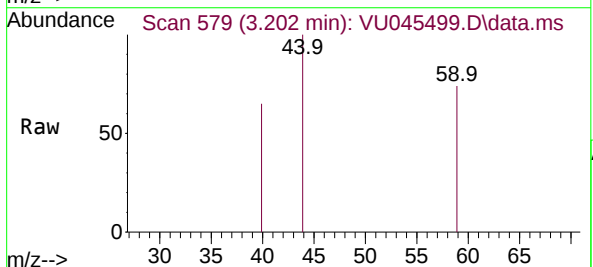
Instrument :
MSVOA_U
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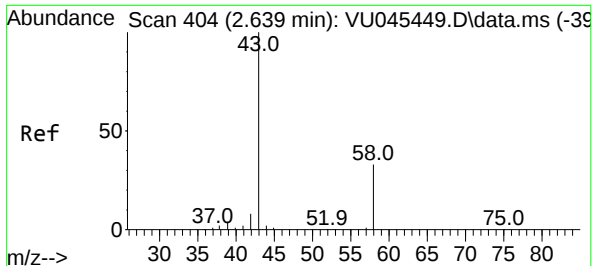
Tgt Ion:168 Resp: 194375
Ion Ratio Lower Upper
168 100
99 63.5 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.556 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.010 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

Tgt Ion: 59 Resp: 380
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

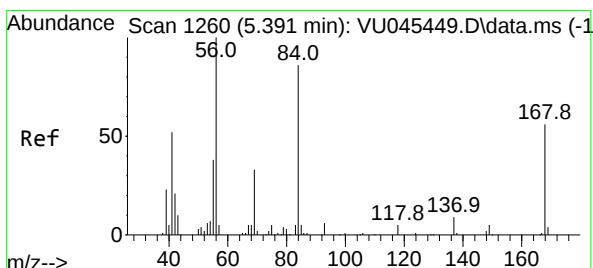
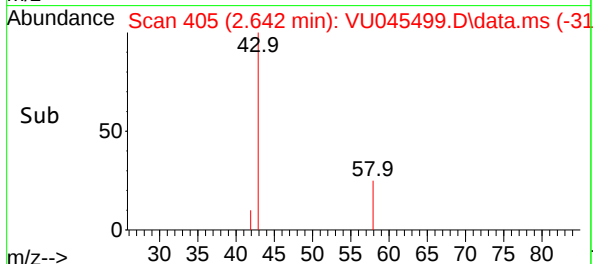
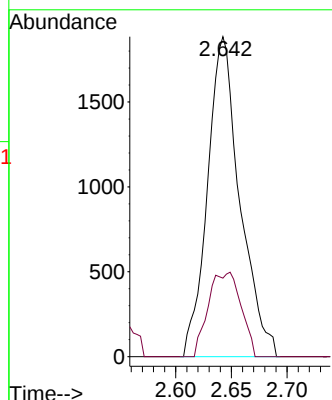
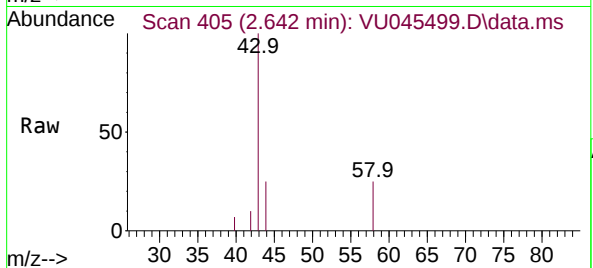




#16
Acetone
Concen: 2.656 ug/l
RT: 2.642 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

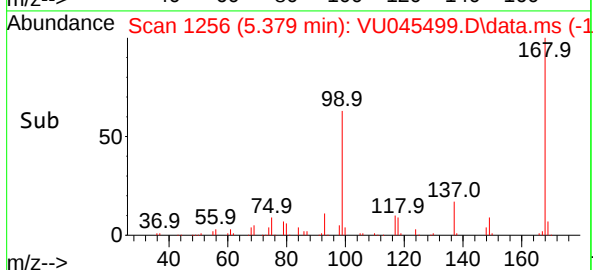
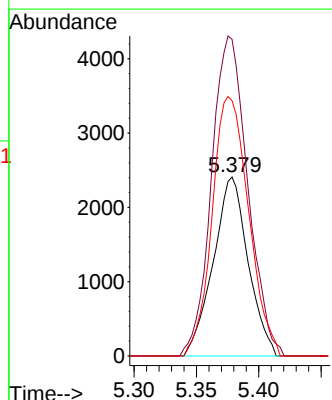
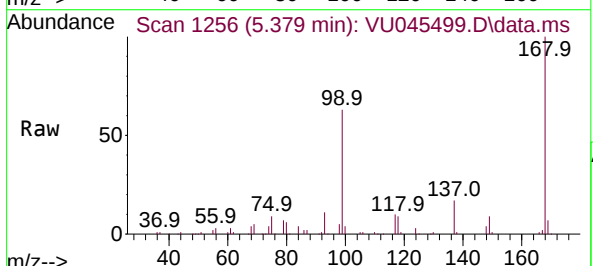
Instrument :
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ClientSampleId :
BP-VPB-RW9-GW-418-420

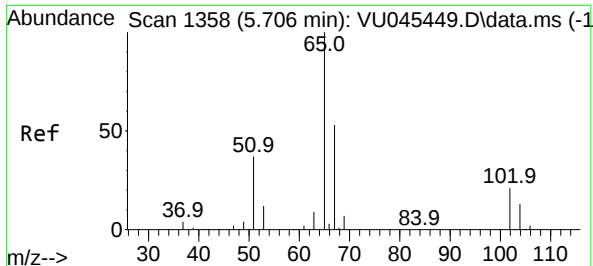
Tgt Ion: 43 Resp: 3815
Ion Ratio Lower Upper
43 100
58 24.5 26.2 39.2#



#31
Cyclohexane
Concen: 0.993 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

Tgt Ion: 56 Resp: 4679
Ion Ratio Lower Upper
56 100
69 177.1 26.4 39.6#
84 142.8 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 52.529 ug/l

RT: 5.707 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045499.D

Acq: 01 Nov 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

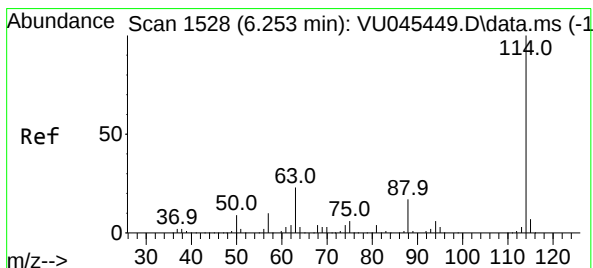
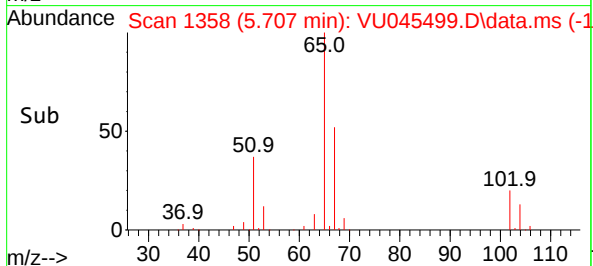
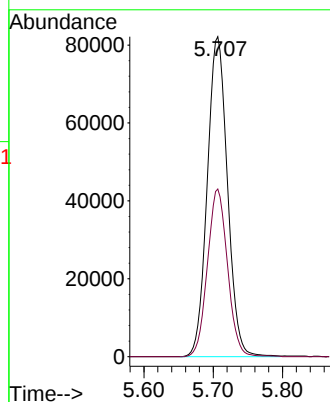
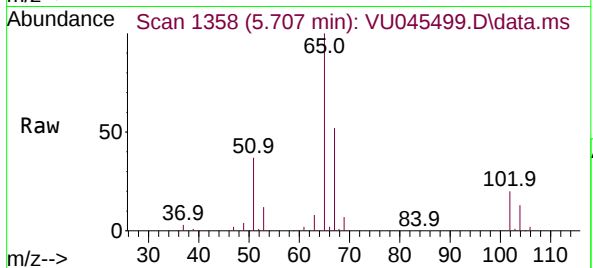
BP-VPB-RW9-GW-418-420

Tgt Ion: 65 Resp: 166227

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045499.D

Acq: 01 Nov 2021 20:03

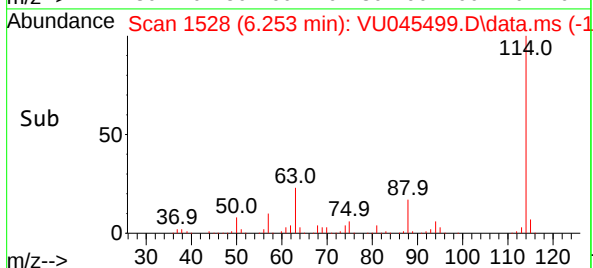
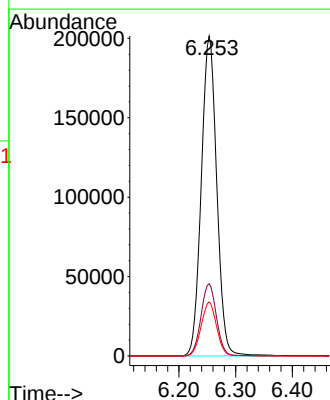
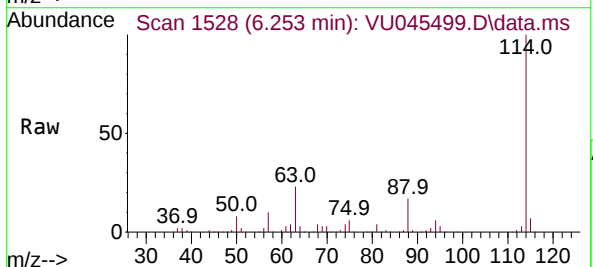
Tgt Ion: 114 Resp: 381340

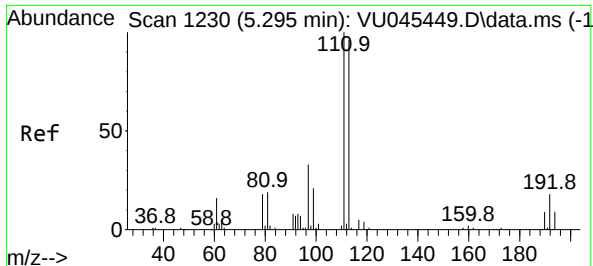
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 16.9 0.0 33.8

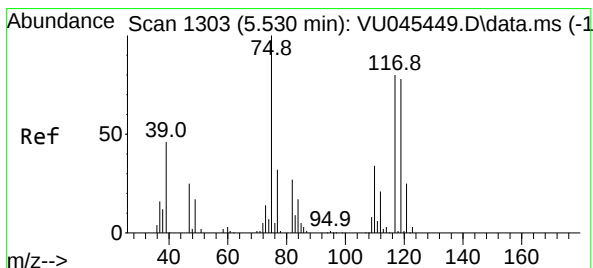
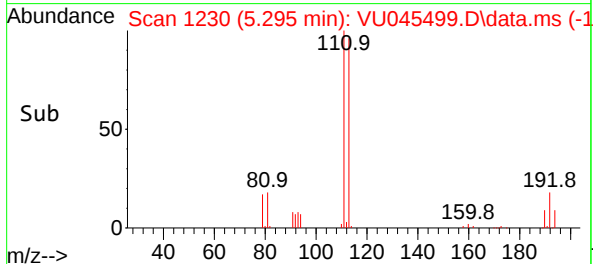
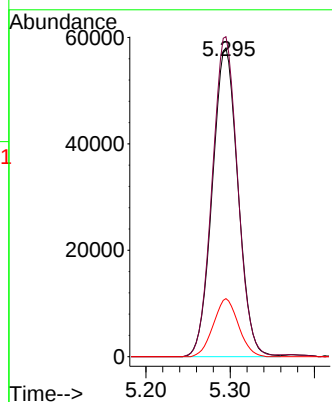
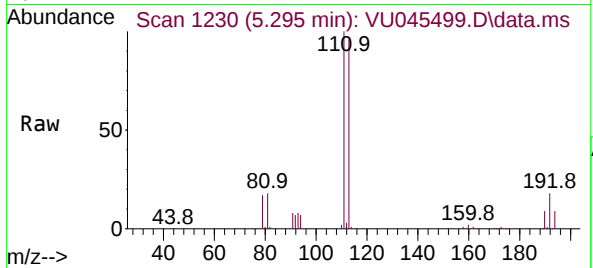




#35
Dibromofluoromethane
Concen: 50.601 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

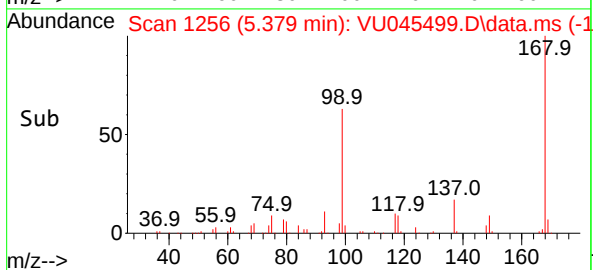
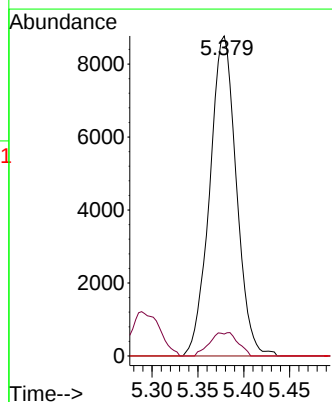
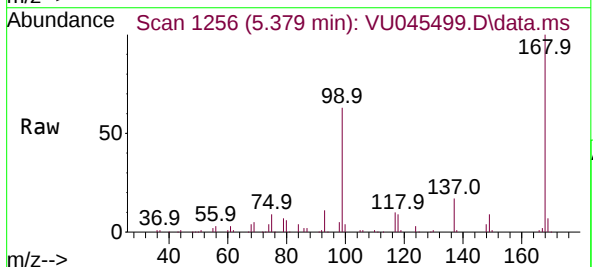
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-418-420

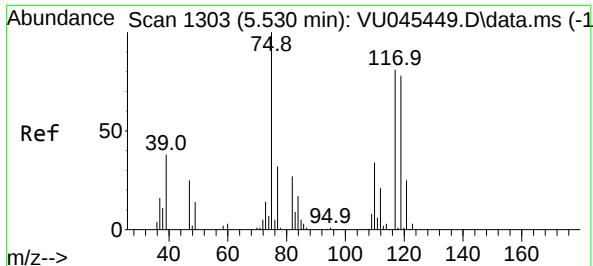
Tgt Ion:113 Resp: 122693
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.4 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

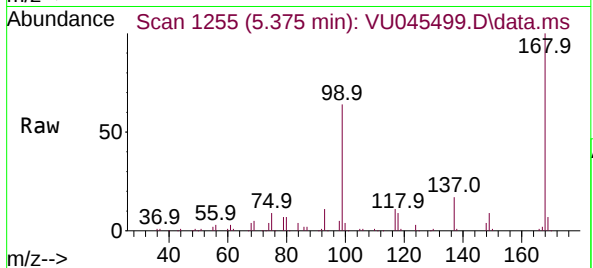
Tgt Ion: 75 Resp: 17740
Ion Ratio Lower Upper
75 100
110 4.3 16.7 50.0#
77 0.0 25.0 37.4#



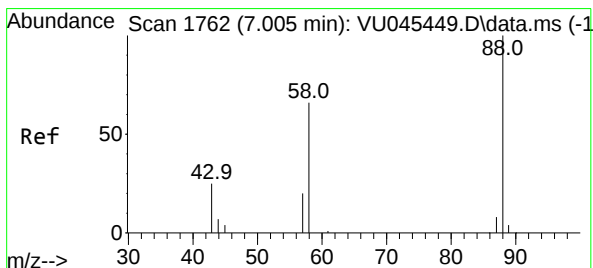
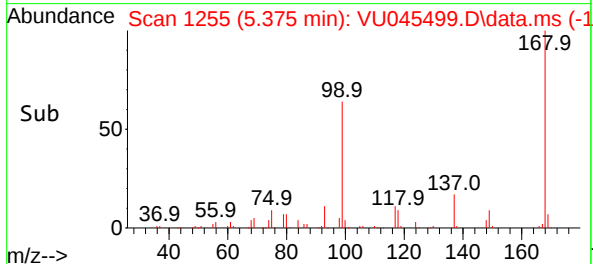
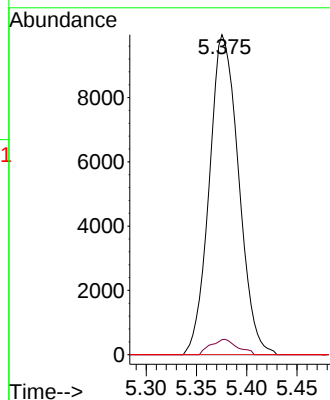


#38
Carbon Tetrachloride
Concen: 6.393 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-418-420

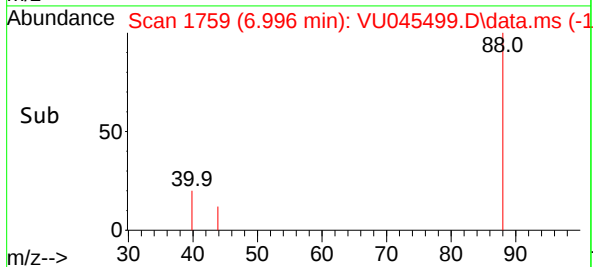
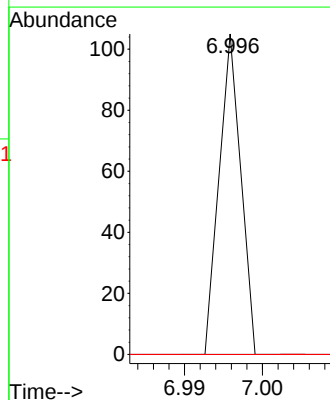
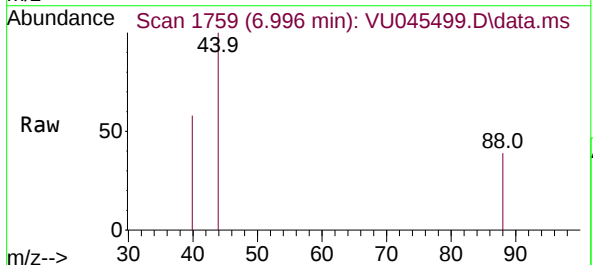


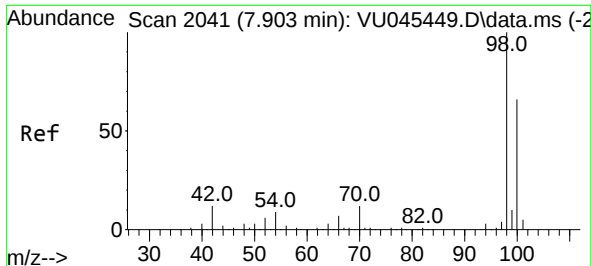
Tgt Ion:117 Resp: 20241
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.0#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 0.251 ug/l
RT: 6.996 min Scan# 1759
Delta R.T. -0.010 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 58.7 88.1#

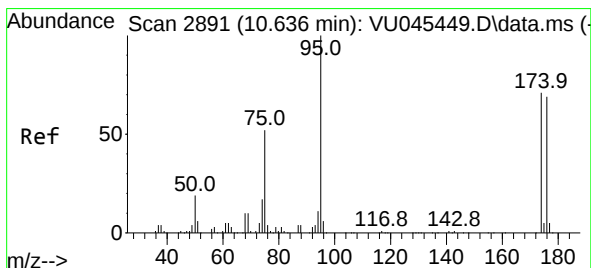
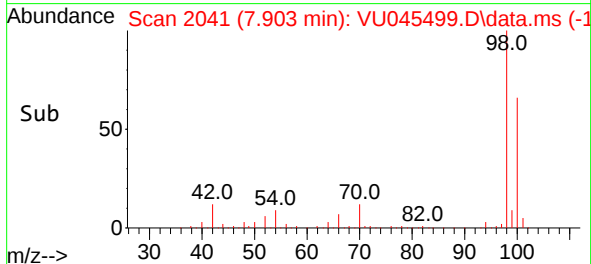
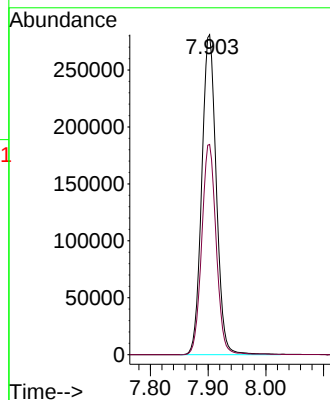
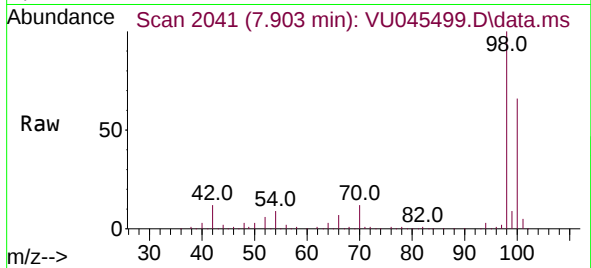




#50
Toluene-d8
Concen: 51.471 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

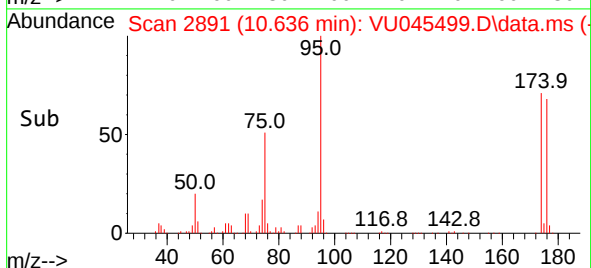
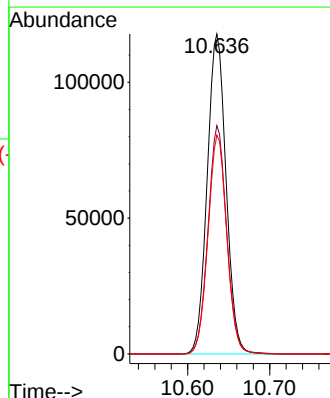
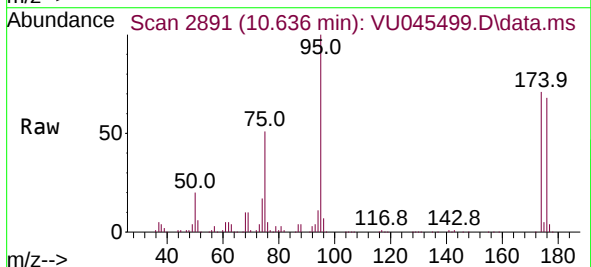
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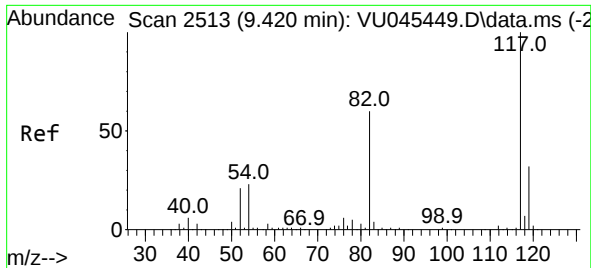
Tgt Ion: 98 Resp: 489399
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.052 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

Tgt Ion: 95 Resp: 188598
Ion Ratio Lower Upper
95 100
174 70.5 0.0 141.8
176 67.9 0.0 138.2

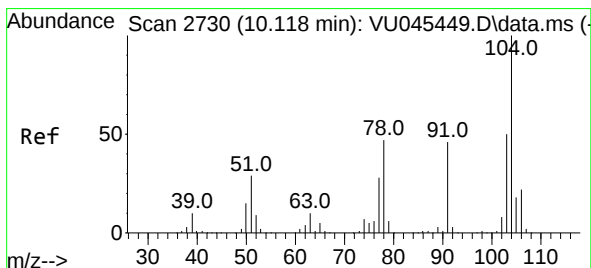
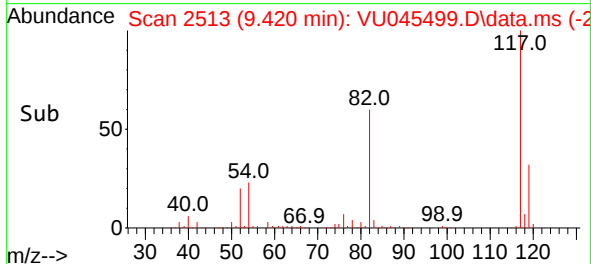
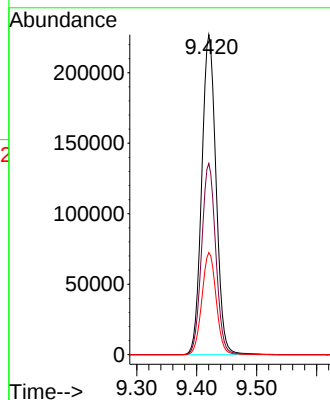
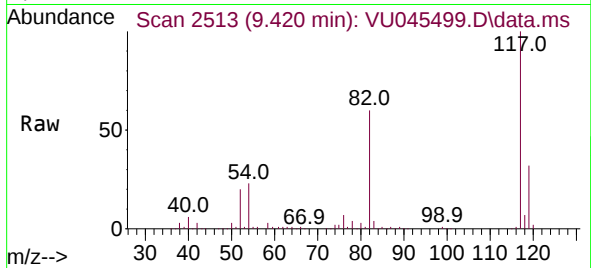




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

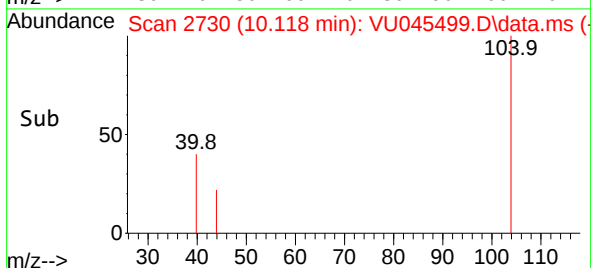
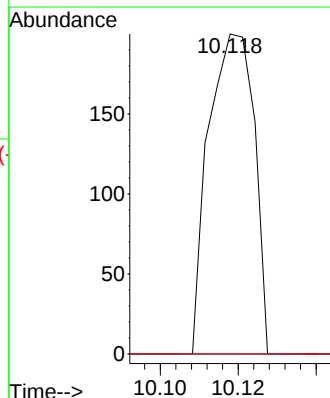
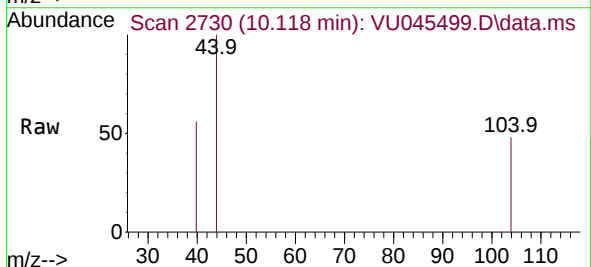
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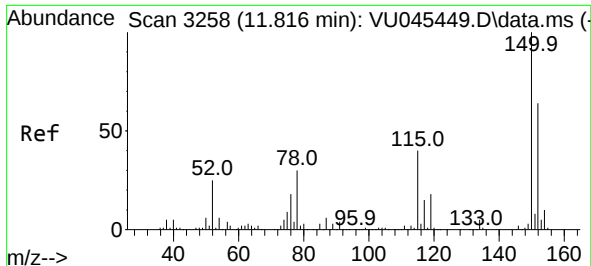
Tgt Ion:117 Resp: 377375
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 31.9 25.8 38.8



#70
Styrene
Concen: 0.994 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

Tgt Ion:104 Resp: 163
Ion Ratio Lower Upper
104 100
78 0.0 41.8 62.6#
103 0.0 43.8 65.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045499.D

Acq: 01 Nov 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-418-420

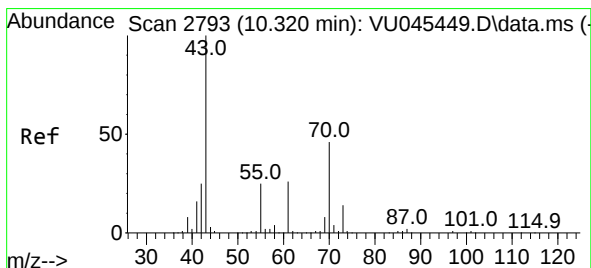
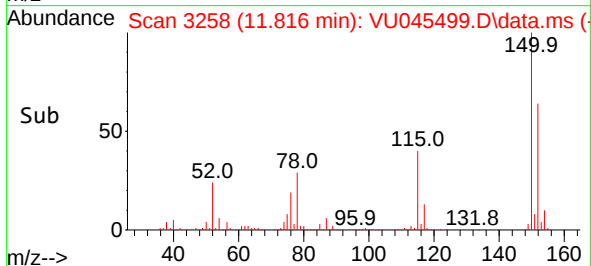
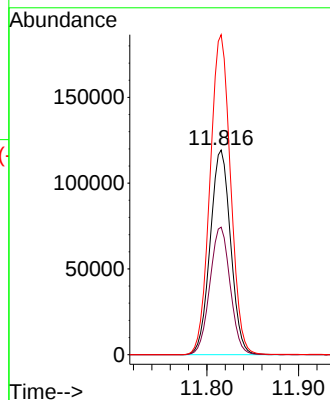
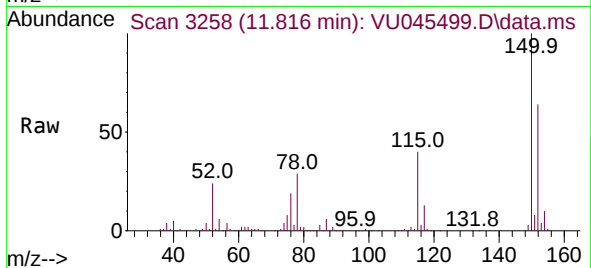
Tgt Ion:152 Resp: 184720

Ion Ratio Lower Upper

152 100

115 61.9 42.7 128.1

150 156.9 0.0 346.8



#74

N-ethyl acetate

Concen: 1.164 ug/l

RT: 10.240 min Scan# 2768

Delta R.T. -0.080 min

Lab File: VU045499.D

Acq: 01 Nov 2021 20:03

Tgt Ion: 43 Resp: 62

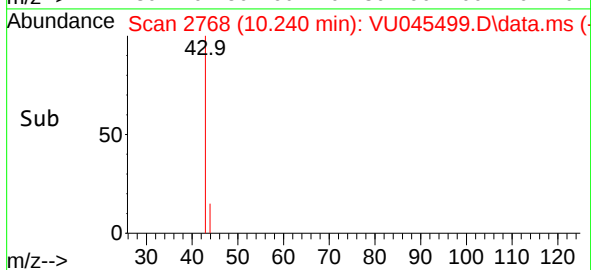
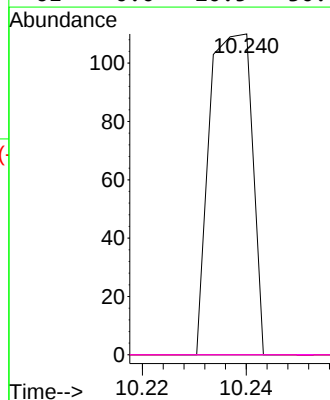
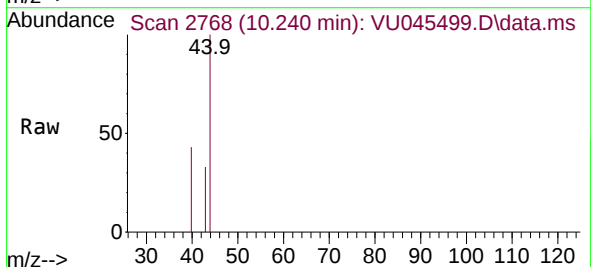
Ion Ratio Lower Upper

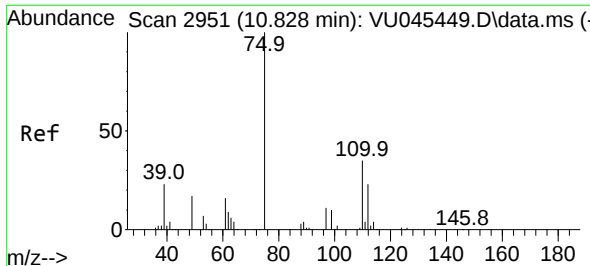
43 100

70 0.0 36.9 55.3#

55 0.0 20.6 31.0#

61 0.0 20.5 30.7#

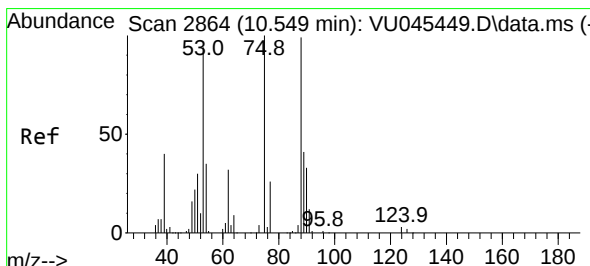
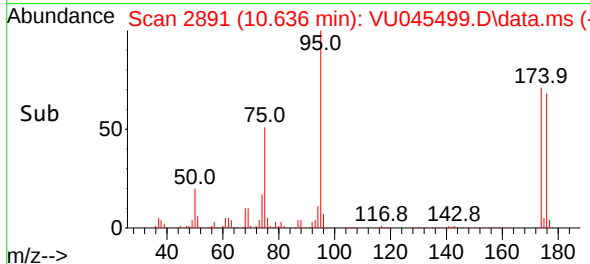
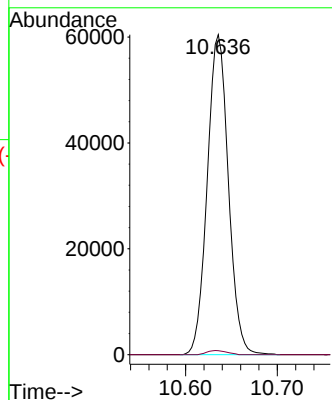
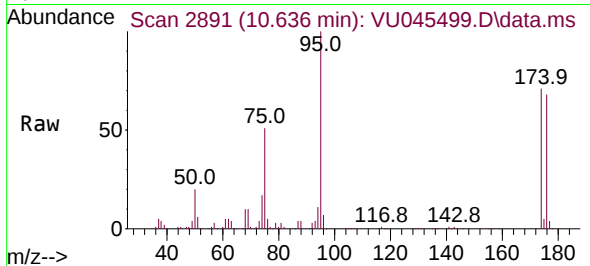




#76
1,2,3-Trichloropropane
Concen: 19.645 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

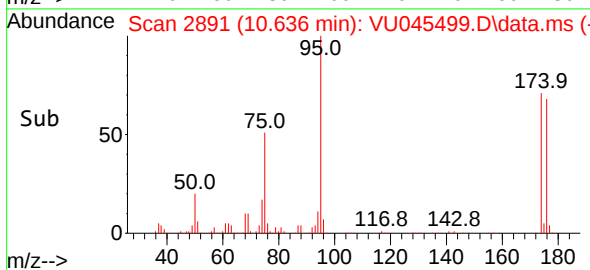
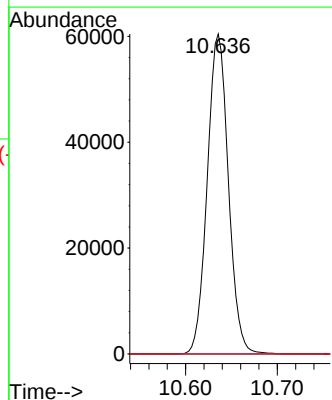
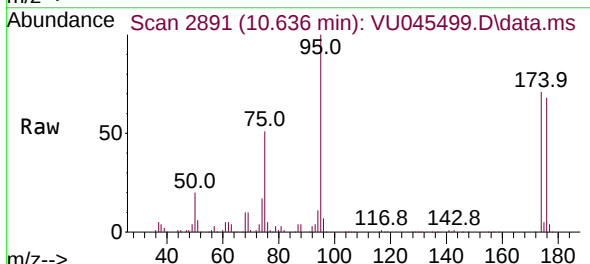
Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-418-420

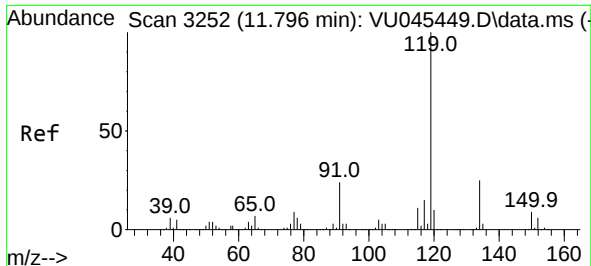
Tgt Ion: 75 Resp: 96687
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.614 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

Tgt Ion: 75 Resp: 96687
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

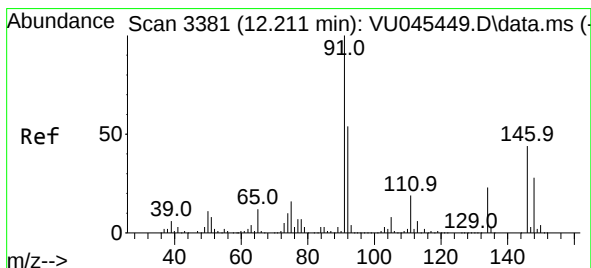
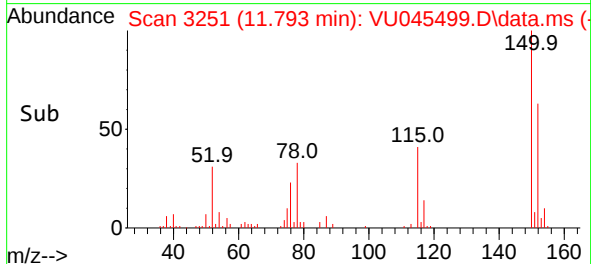
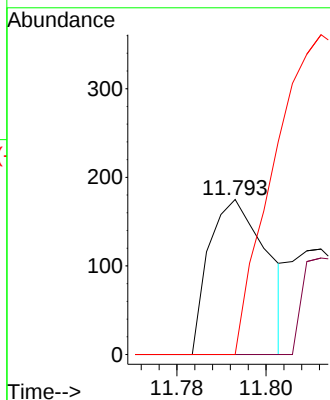
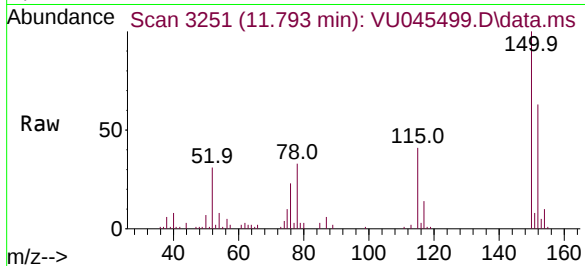




#86
p-Isopropyltoluene
Concen: 0.201 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-418-420

Tgt Ion:119 Resp: 158
Ion Ratio Lower Upper
119 100
134 39.2 12.7 38.1#
91 334.2 12.2 36.4#



#89
n-Butylbenzene
Concen: 0.964 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU045499.D
Acq: 01 Nov 2021 20:03

Tgt Ion: 91 Resp: 304
Ion Ratio Lower Upper
91 100
92 60.5 27.1 81.2
134 0.0 11.8 35.4#

