

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045498.D
 Acq On : 01 Nov 2021 19:40
 Operator : SY/MD
 Sample : M4431-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-398-400

Quant Time: Nov 02 07:36:46 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	5.378	168	191476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	373928	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	365163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	174348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	163000	52.289	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.580%	
35) Dibromofluoromethane	5.295	113	120095	50.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.020%	
50) Toluene-d8	7.902	98	478448	51.316	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	10.636	95	181638	51.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	20	0.383	ug/l #	43
3) Chloromethane	1.523	50	792	0.208	ug/l #	84
11) Tert butyl alcohol	3.202	59	539	0.801	ug/l #	72
16) Acetone	2.639	43	4138	2.924	ug/l	96
31) Cyclohexane	5.375	56	4612	0.994	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	17132	4.813	ug/l #	49
38) Carbon Tetrachloride	5.378	117	19590	6.310	ug/l #	16
70) Styrene	10.121	104	90	0.987	ug/l #	25
76) 1,2,3-Trichloropropane	10.636	75	93092	20.040	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	93092	55.657	ug/l #	12
86) p-Isopropyltoluene	11.790	119	173	0.203	ug/l #	62
89) n-Butylbenzene	12.211	91	445	0.978	ug/l #	67

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

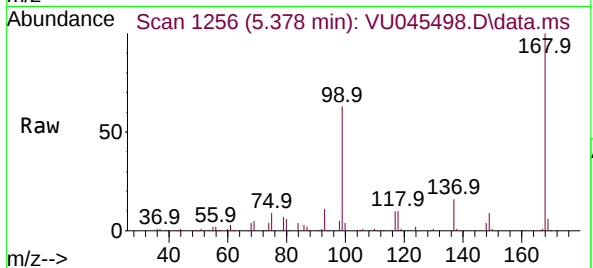
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration



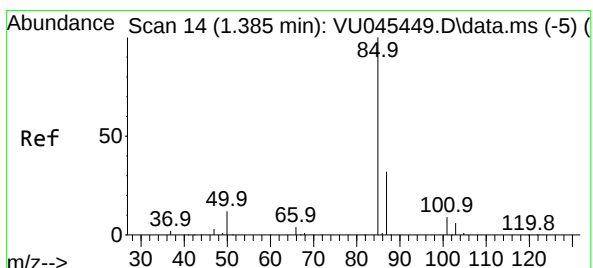
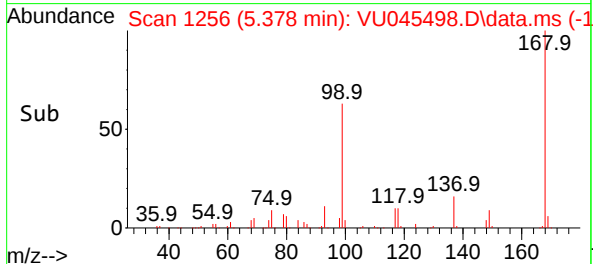
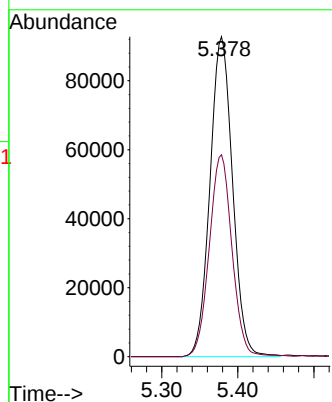


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-398-400

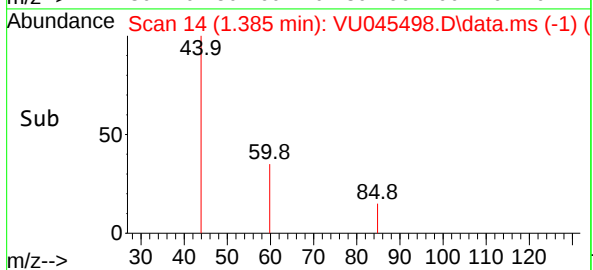
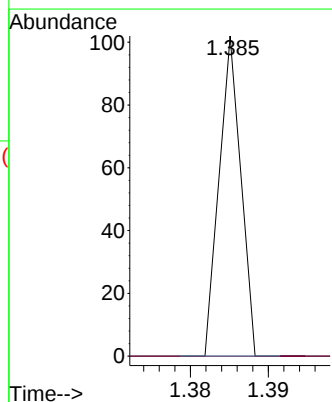
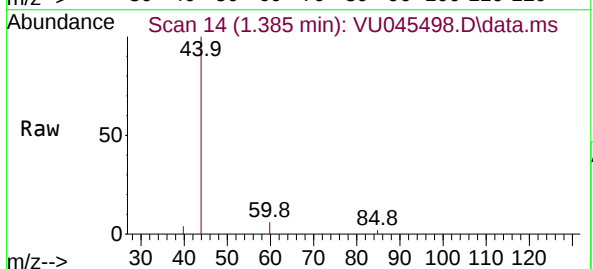


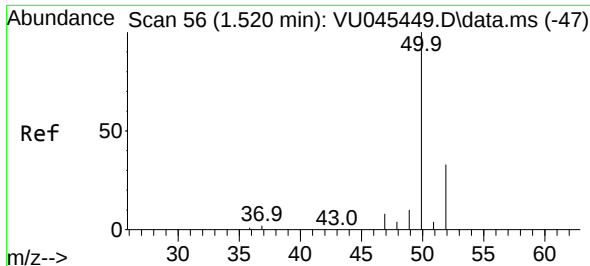
Tgt Ion:168 Resp: 191476
Ion Ratio Lower Upper
168 100
99 63.1 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.383 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 15.9 47.7#

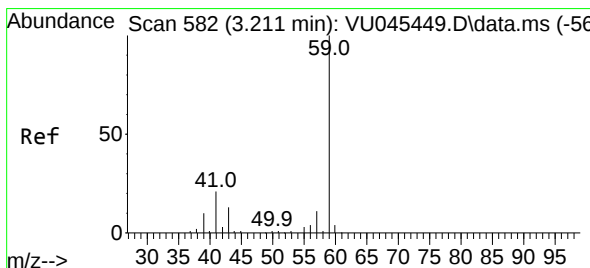
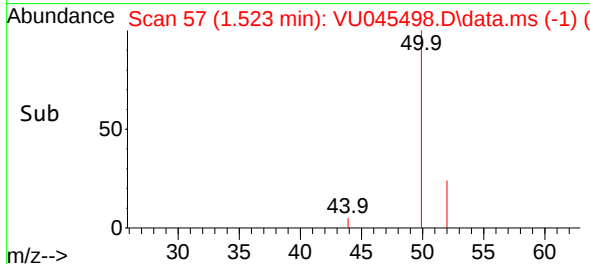
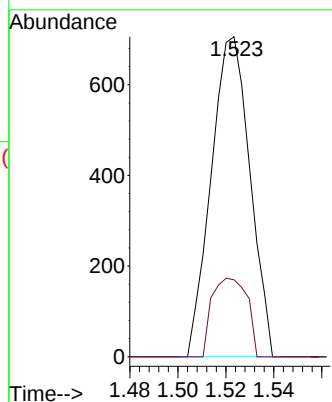
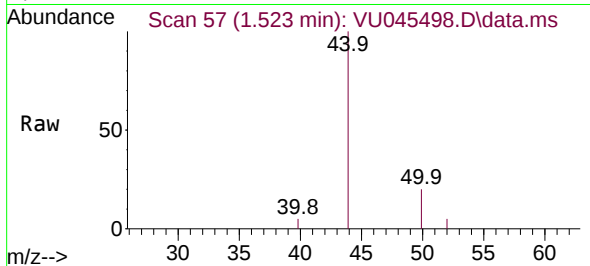




#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

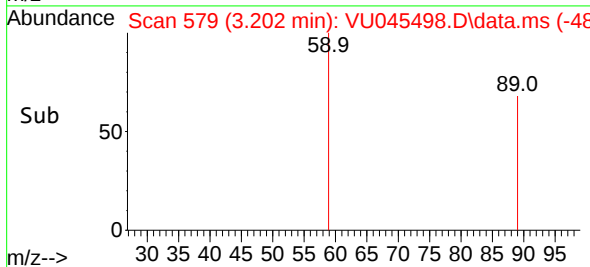
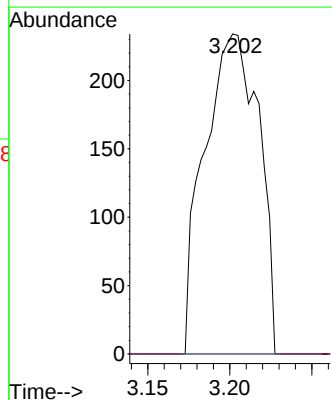
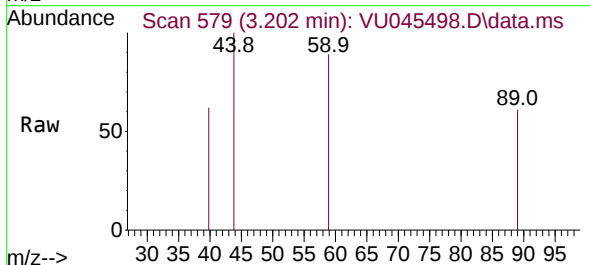
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-398-400

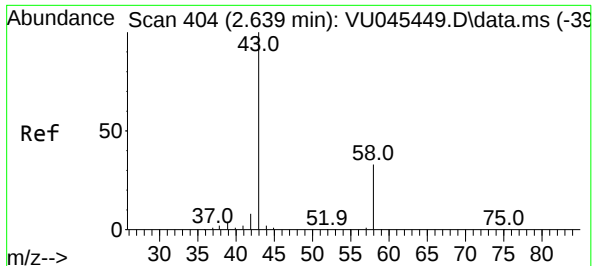
Tgt Ion: 50 Resp: 792
Ion Ratio Lower Upper
50 100
52 24.1 26.6 40.0#



#11
Tert butyl alcohol
Concen: 0.801 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.010 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

Tgt Ion: 59 Resp: 539
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 2.924 ug/l

RT: 2.639 min Scan# 404

Delta R.T. -0.000 min

Lab File: VU045498.D

Acq: 01 Nov 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :

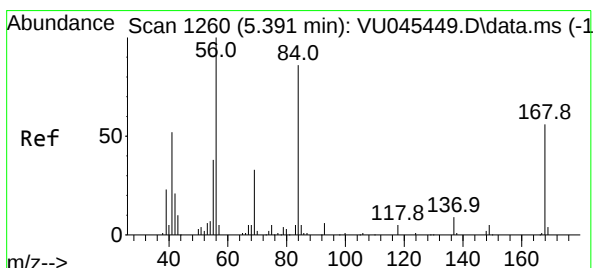
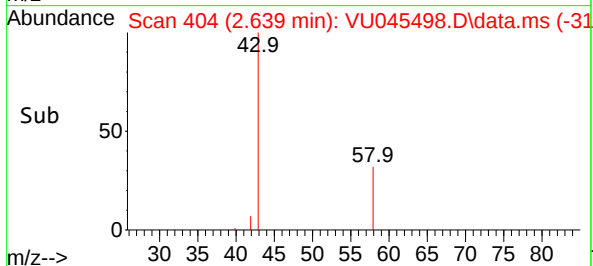
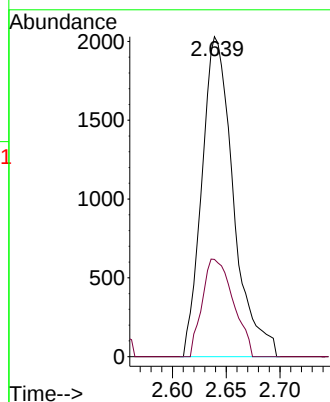
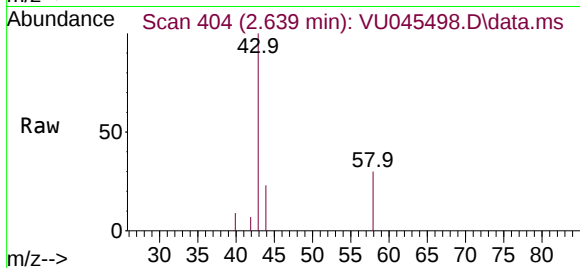
BP-VPB-RW9-GW-398-400

Tgt Ion: 43 Resp: 4138

Ion Ratio Lower Upper

43 100

58 30.4 26.2 39.2



#31

Cyclohexane

Concen: 0.994 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU045498.D

Acq: 01 Nov 2021 19:40

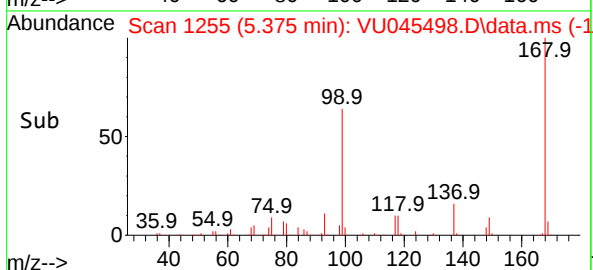
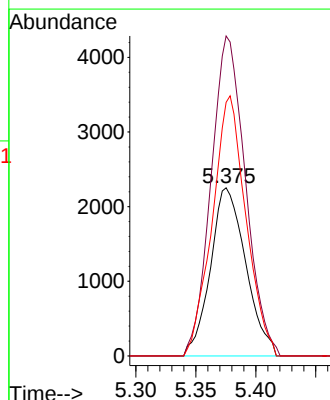
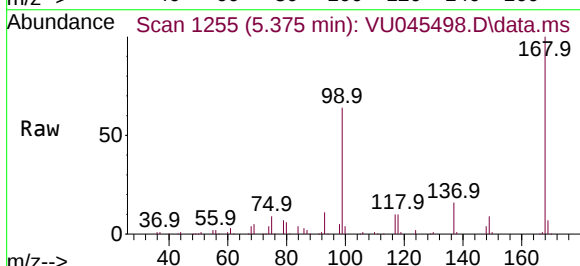
Tgt Ion: 56 Resp: 4612

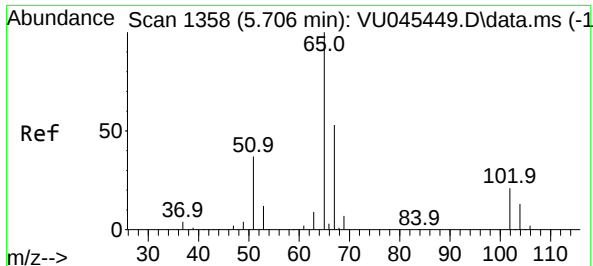
Ion Ratio Lower Upper

56 100

69 190.3 26.4 39.6#

84 150.8 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 52.289 ug/l

RT: 5.706 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045498.D

Acq: 01 Nov 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :

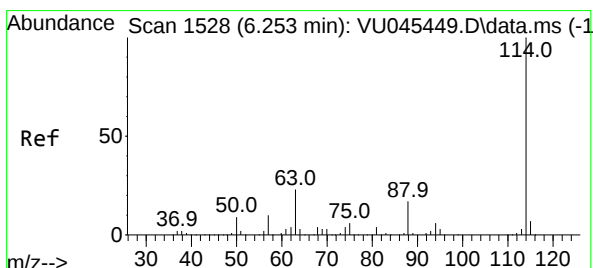
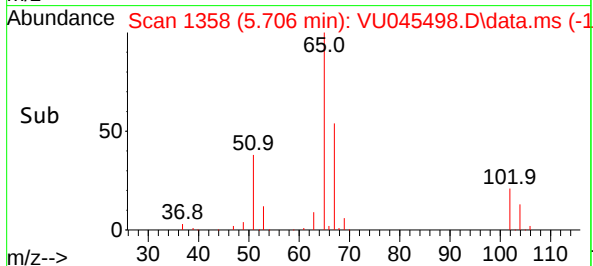
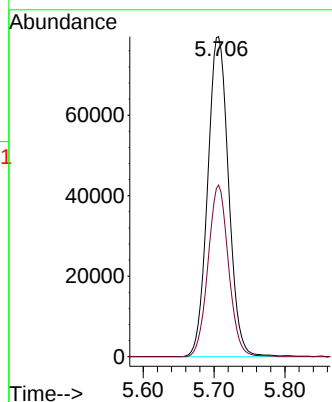
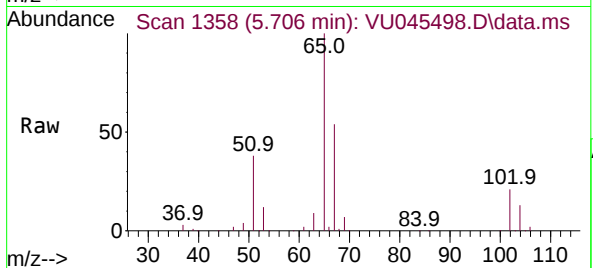
BP-VPB-RW9-GW-398-400

Tgt Ion: 65 Resp: 163000

Ion Ratio Lower Upper

65 100

67 52.6 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: VU045498.D

Acq: 01 Nov 2021 19:40

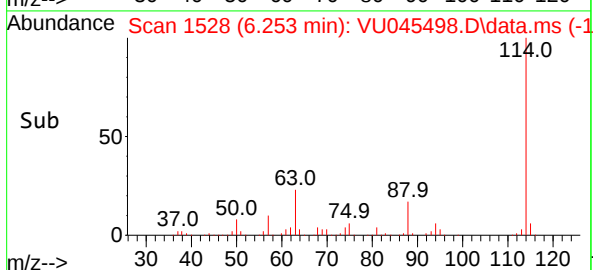
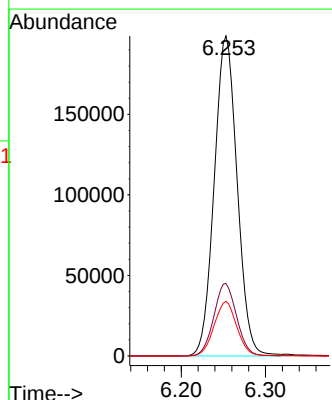
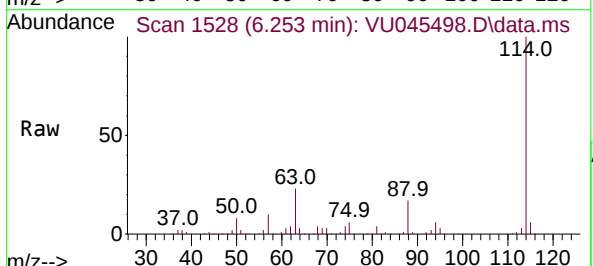
Tgt Ion: 114 Resp: 373928

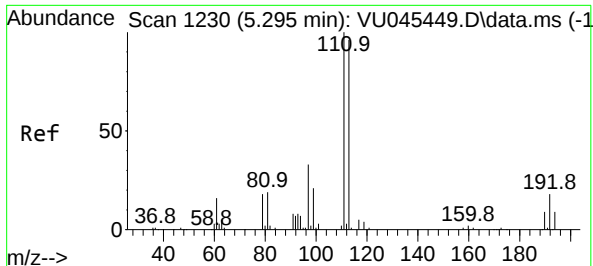
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 17.1 0.0 33.8

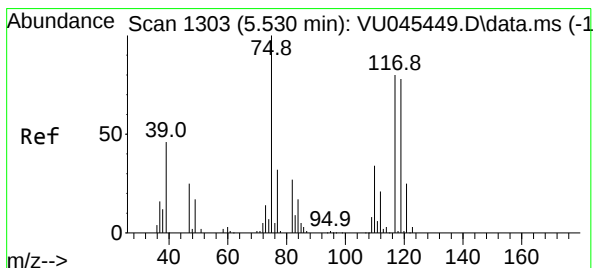
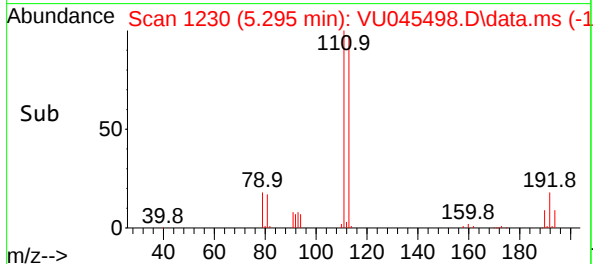
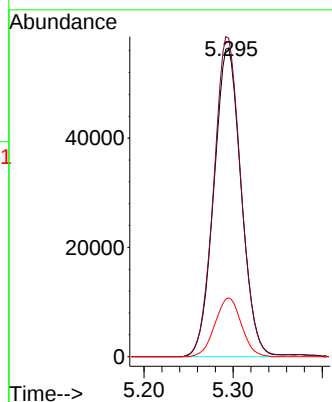
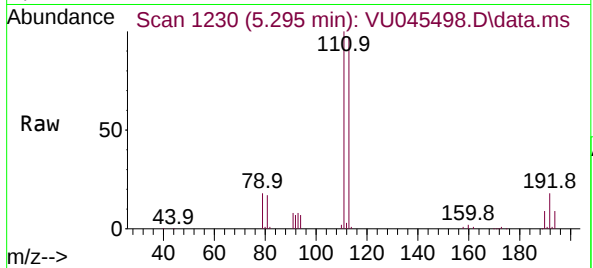




#35
Dibromofluoromethane
Concen: 50.511 ug/l
RT: 5.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

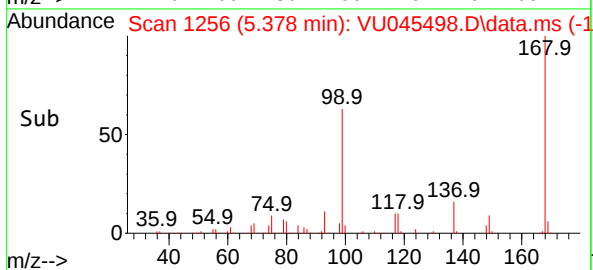
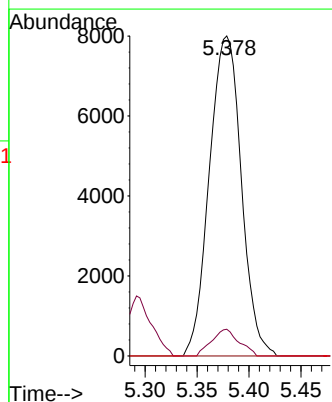
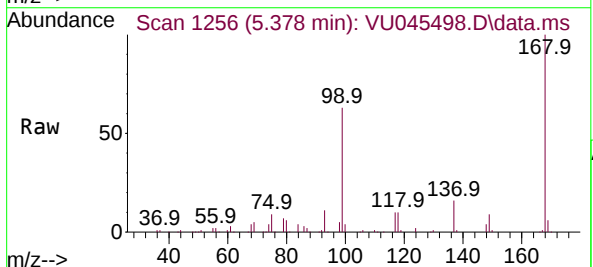
Instrument :
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BP-VPB-RW9-GW-398-400

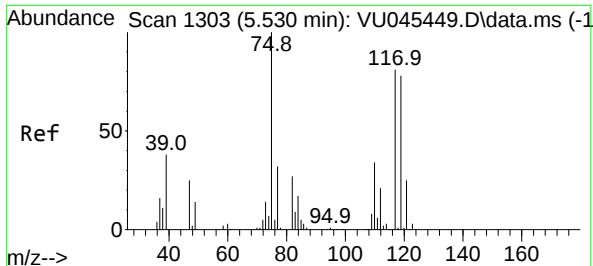
Tgt Ion:113 Resp: 120095
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.4 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.813 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

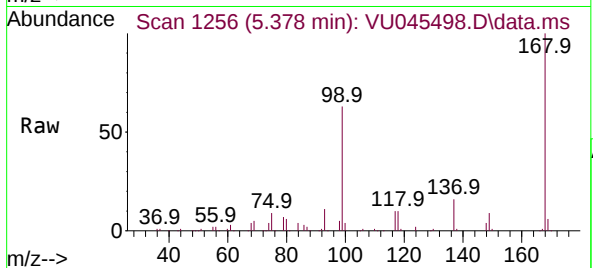
Tgt Ion: 75 Resp: 17132
Ion Ratio Lower Upper
75 100
110 7.1 16.7 50.0#
77 0.0 25.0 37.4#



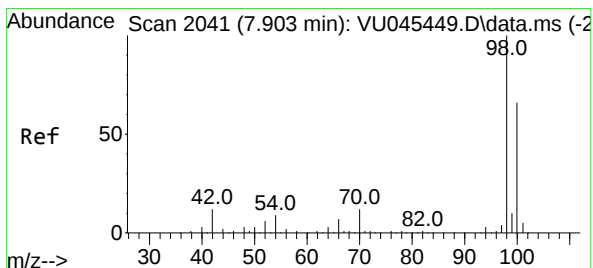
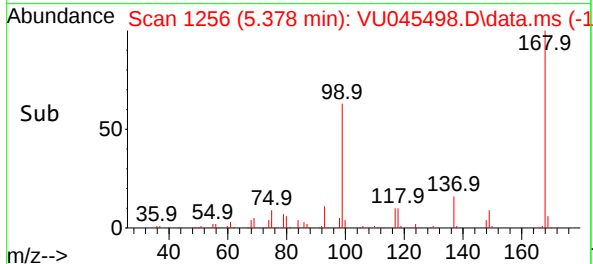
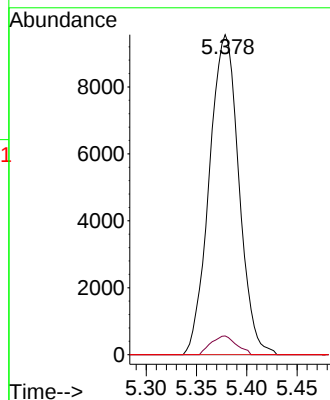


#38
Carbon Tetrachloride
Concen: 6.310 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-398-400

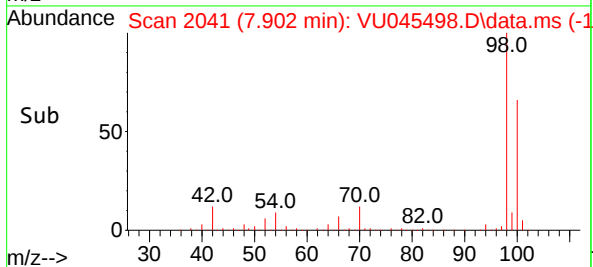
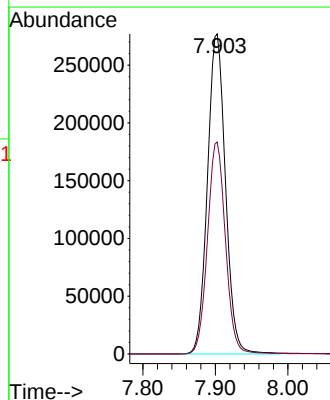
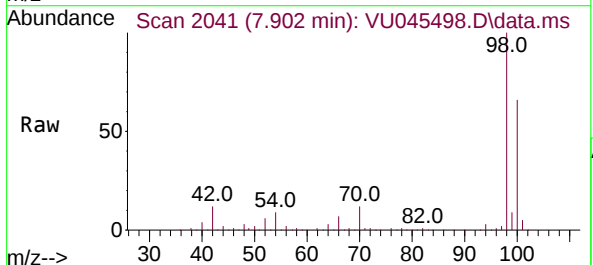


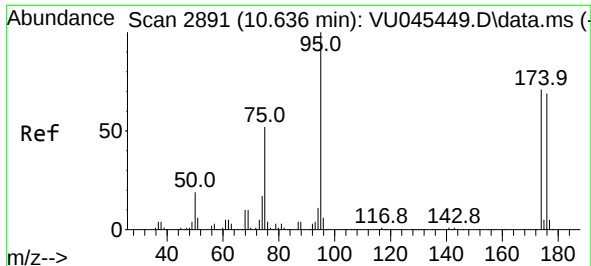
Tgt Ion:117 Resp: 19590
Ion Ratio Lower Upper
117 100
119 5.9 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.316 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

Tgt Ion: 98 Resp: 478448
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

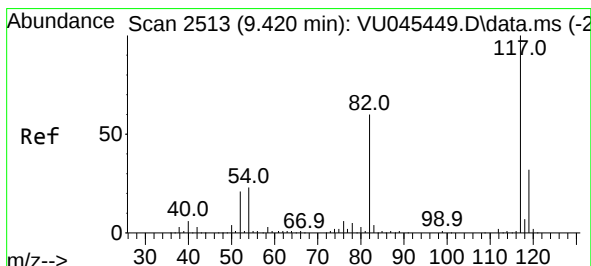
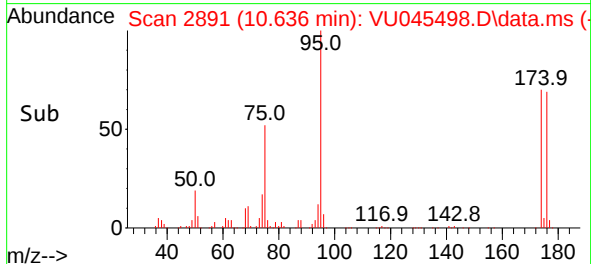
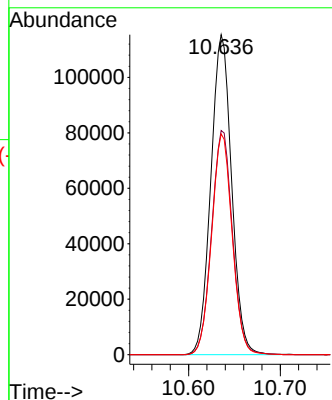
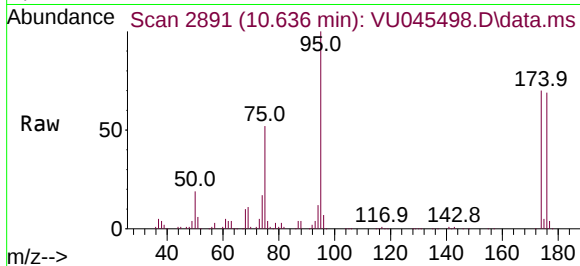




#62
4-Bromofluorobenzene
Concen: 51.125 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

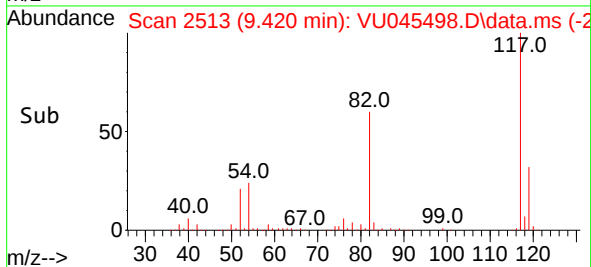
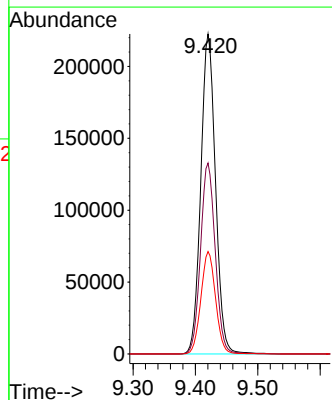
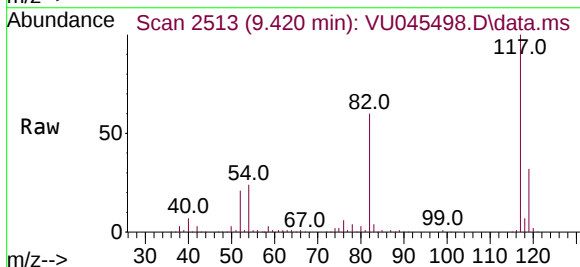
Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-398-400

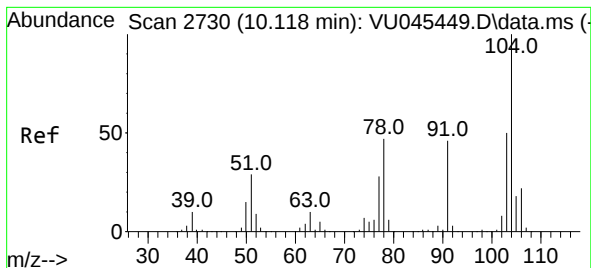
Tgt Ion: 95 Resp: 181638
Ion Ratio Lower Upper
95 100
174 70.4 0.0 141.8
176 68.3 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

Tgt Ion: 117 Resp: 365163
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 32.0 25.8 38.8





#70

Styrene

Concen: 0.987 ug/l

RT: 10.121 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045498.D

Acq: 01 Nov 2021 19:40

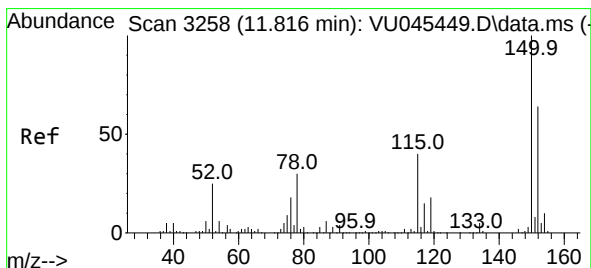
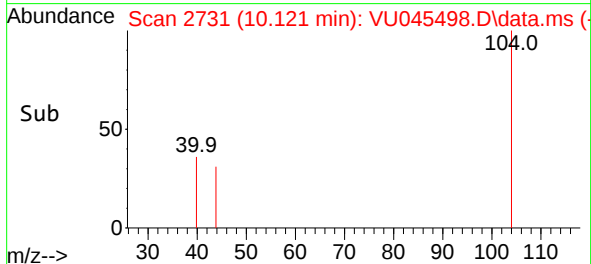
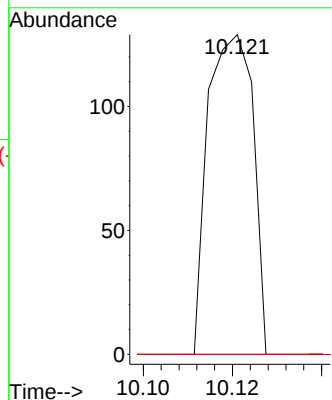
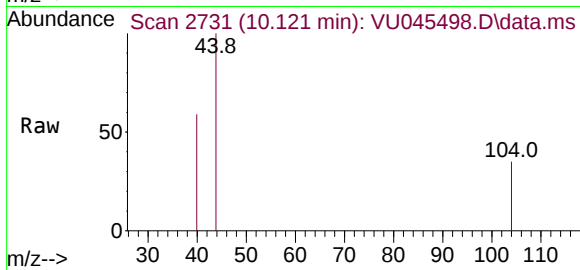
Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-398-400

Tgt Ion:104	Resp:	90
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

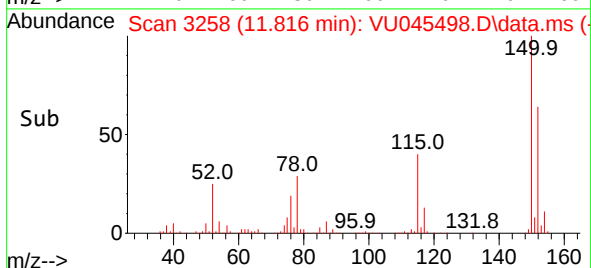
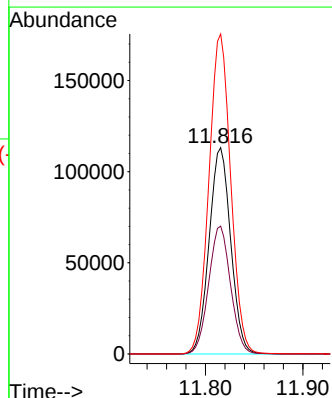
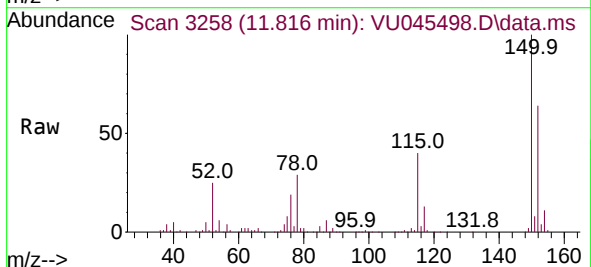
RT: 11.816 min Scan# 3258

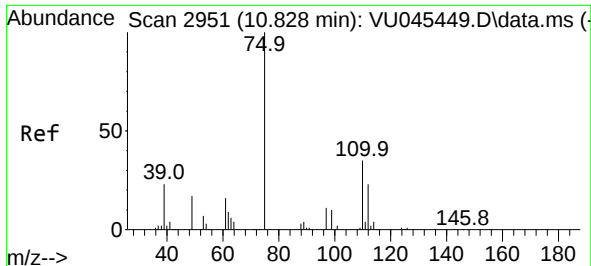
Delta R.T. -0.000 min

Lab File: VU045498.D

Acq: 01 Nov 2021 19:40

Tgt Ion:152	Resp:	174348
Ion	Ratio	Lower Upper
152	100	
115	62.6	42.7 128.1
150	156.6	0.0 346.8

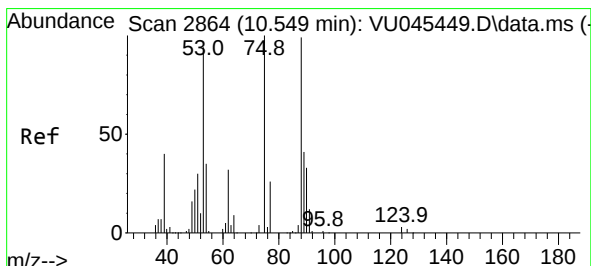
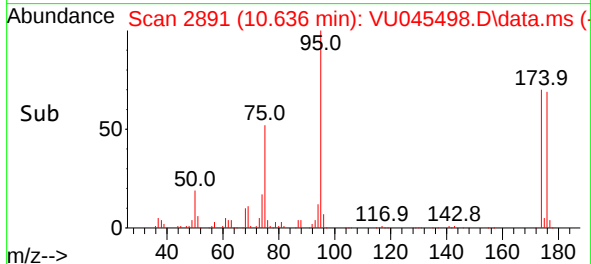
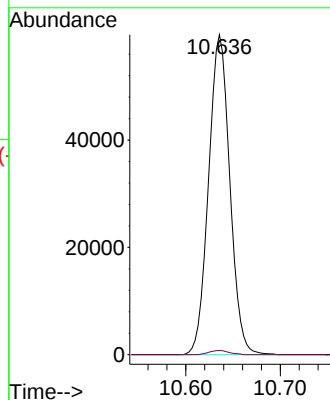
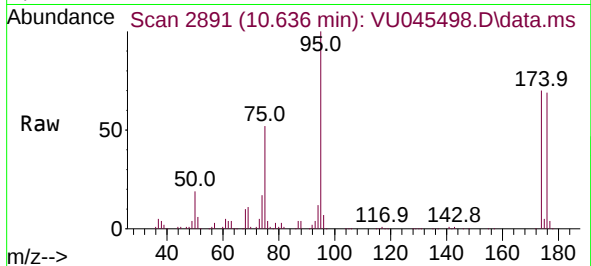




#76
1,2,3-Trichloropropane
Concen: 20.040 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

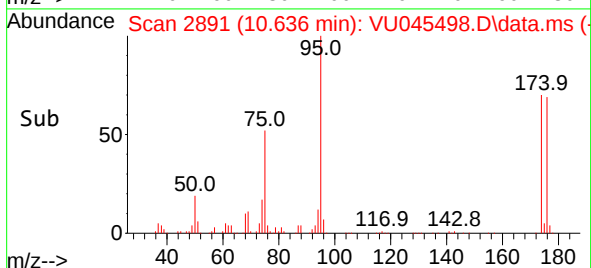
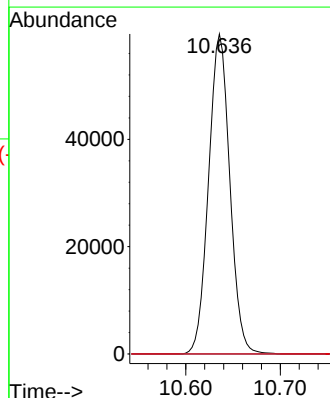
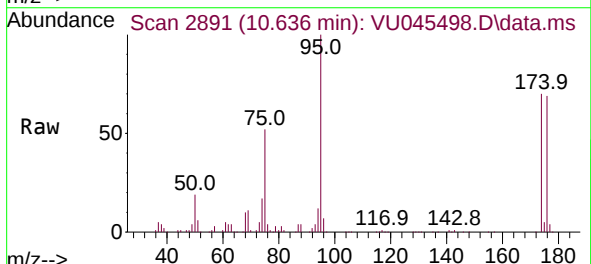
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-398-400

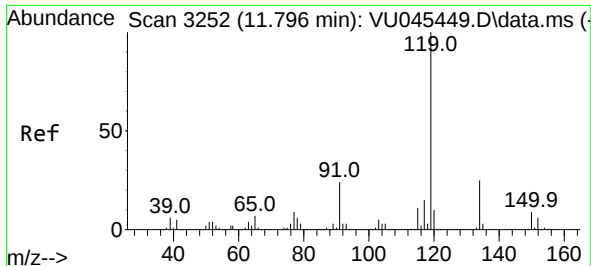
Tgt Ion: 75 Resp: 93092
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.657 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

Tgt Ion: 75 Resp: 93092
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

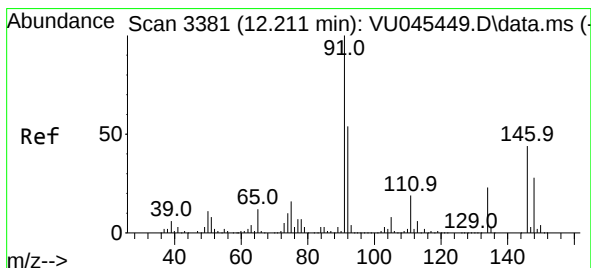
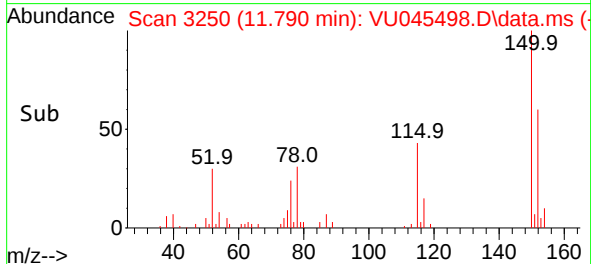
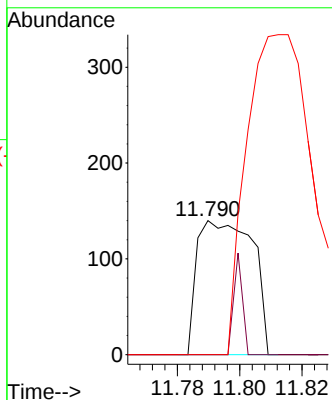
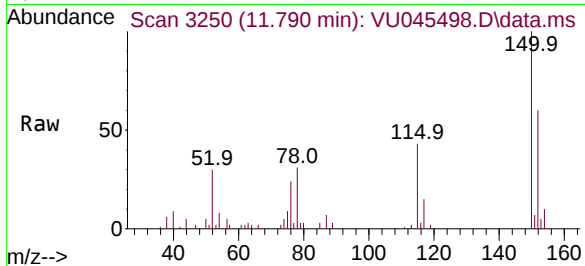




#86
p-Isopropyltoluene
Concen: 0.203 ug/l
RT: 11.790 min Scan# 311
Delta R.T. -0.006 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-398-400

Tgt Ion:119 Resp: 173
Ion Ratio Lower Upper
119 100
134 11.6 12.7 38.1#
91 0.0 12.2 36.4#



#89
n-Butylbenzene
Concen: 0.978 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045498.D
Acq: 01 Nov 2021 19:40

Tgt Ion: 91 Resp: 445
Ion Ratio Lower Upper
91 100
92 35.5 27.1 81.2
134 0.0 11.8 35.4#

