

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045463.D
 Acq On : 29 Oct 2021 14:58
 Operator : SY/MD
 Sample : M4360-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-278-280

Quant Time: Oct 30 04:06:22 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)

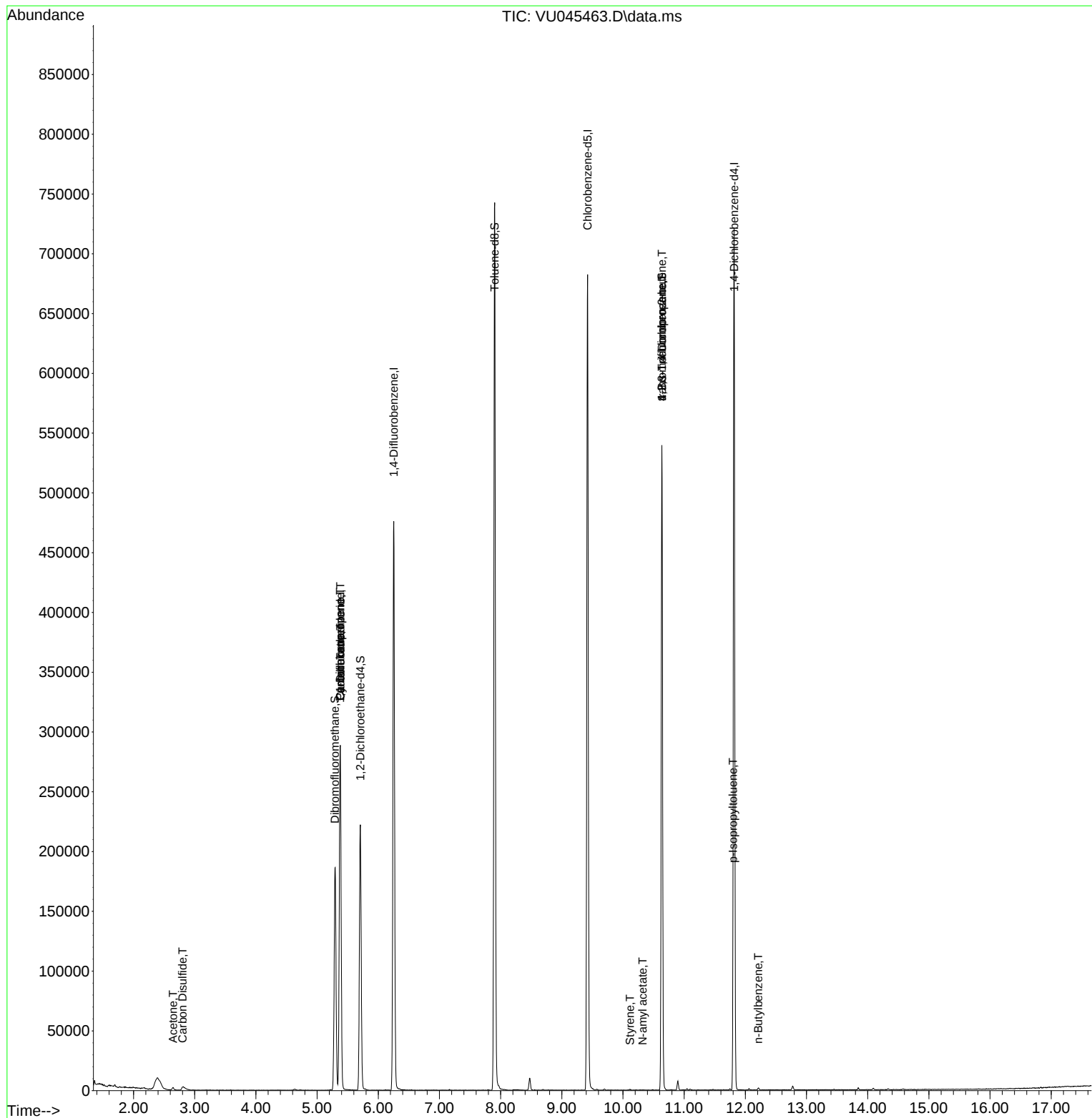
Internal Standards						
1) Pentafluorobenzene	5.379	168	195855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	378441	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	370087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	177383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	164917	51.721	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.440%	
35) Dibromofluoromethane	5.292	113	121022	50.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.580%	
50) Toluene-d8	7.903	98	485812	51.485	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	10.636	95	184418	51.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.580%	
Target Compounds						
					Qvalue	
16) Acetone	2.646	43	2949	2.037	ug/l	95
17) Carbon Disulfide	2.800	76	1323	0.203	ug/l #	75
31) Cyclohexane	5.379	56	4741	0.999	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	17277	4.796	ug/l #	50
38) Carbon Tetrachloride	5.379	117	19734	6.281	ug/l #	16
70) Styrene	10.115	104	335	1.014	ug/l #	49
74) N-amyl acetate	10.321	43	75	1.167	ug/l #	40
76) 1,2,3-Trichloropropane	10.636	75	94207	19.933	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	94207	55.374	ug/l #	12
86) p-Isopropyltoluene	11.796	119	509	0.233	ug/l #	68
89) n-Butylbenzene	12.211	91	1011	1.028	ug/l	78

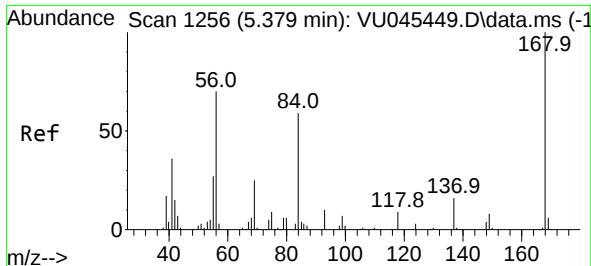
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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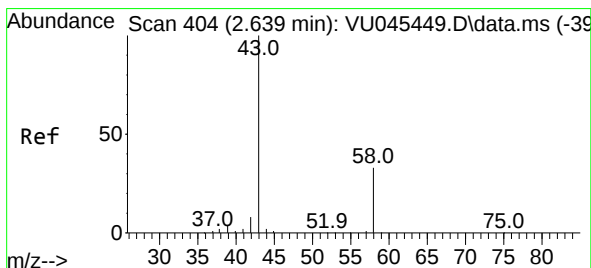
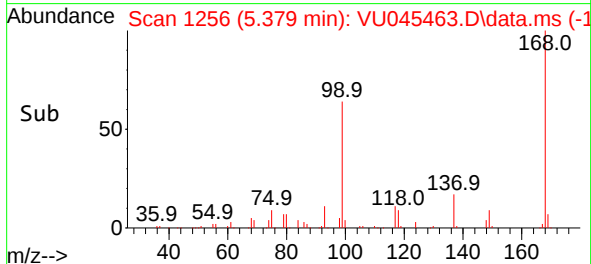
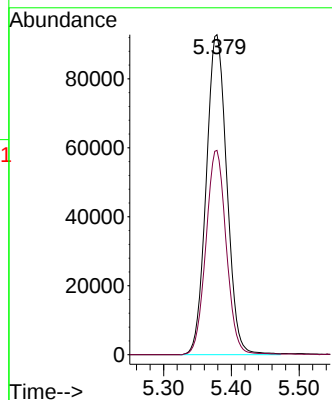
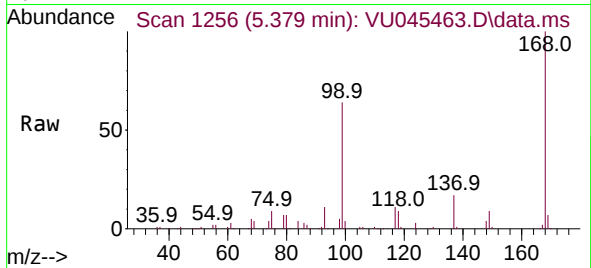




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

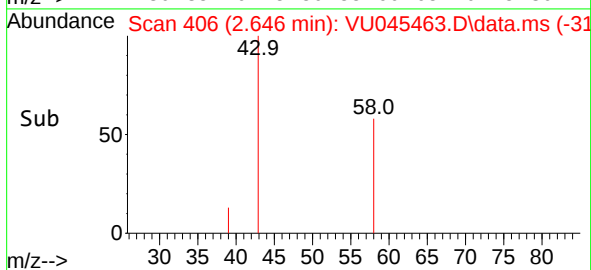
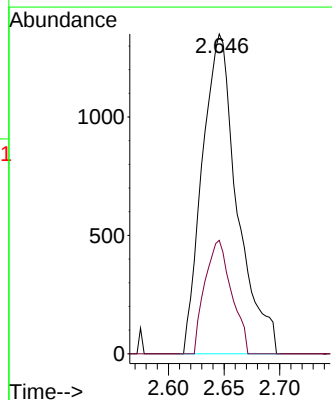
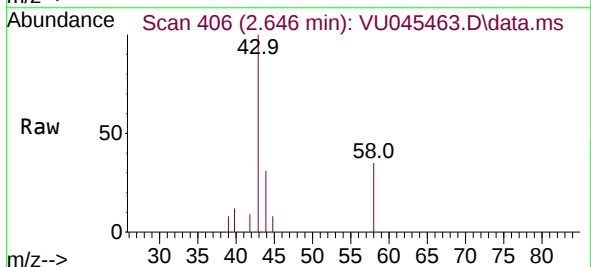
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-278-280

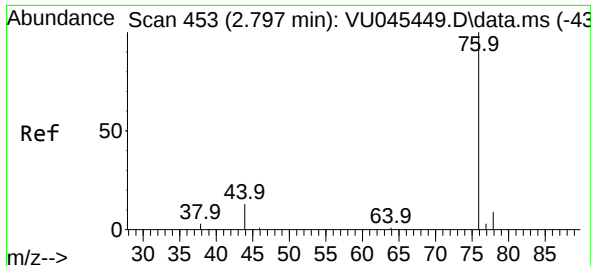
Tgt Ion:168 Resp: 195855
Ion Ratio Lower Upper
168 100
99 63.9 51.0 76.6



#16
Acetone
Concen: 2.037 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.007 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

Tgt Ion: 43 Resp: 2949
Ion Ratio Lower Upper
43 100
58 35.5 26.2 39.2





#17

Carbon Disulfide

Concen: 0.203 ug/l

RT: 2.800 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU045463.D

Acq: 29 Oct 2021 14:58

Instrument :

MSVOA_U

ClientSampleId :

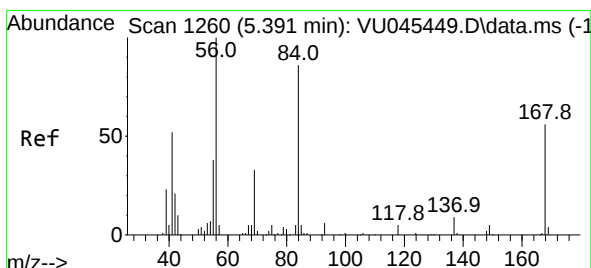
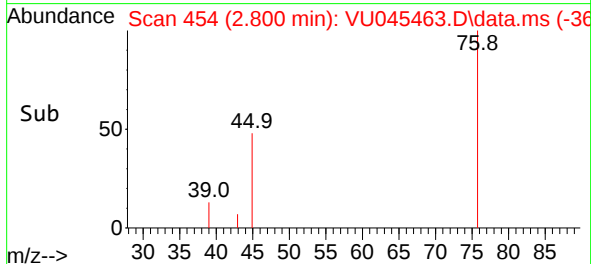
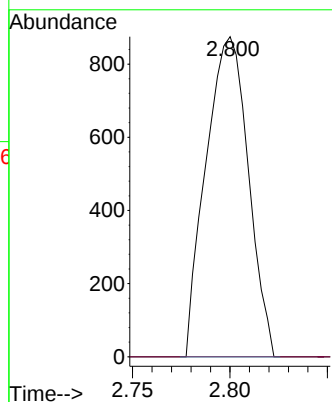
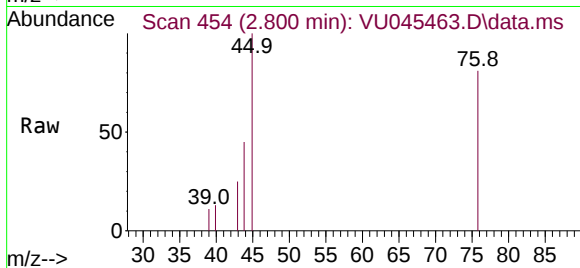
BP-VPB-RW9-GW-278-280

Tgt Ion: 76 Resp: 1323

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



#31

Cyclohexane

Concen: 0.999 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.013 min

Lab File: VU045463.D

Acq: 29 Oct 2021 14:58

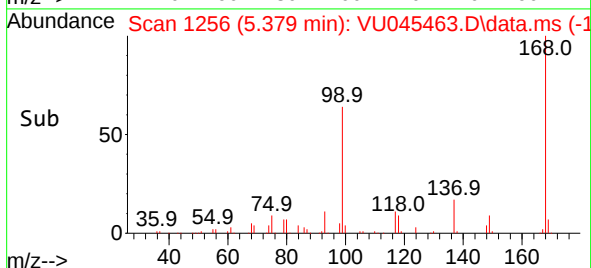
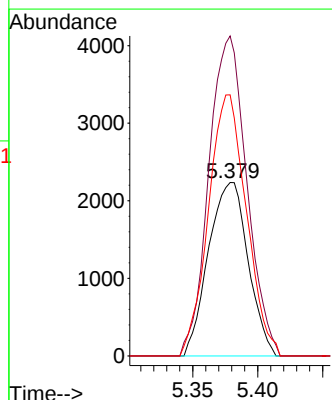
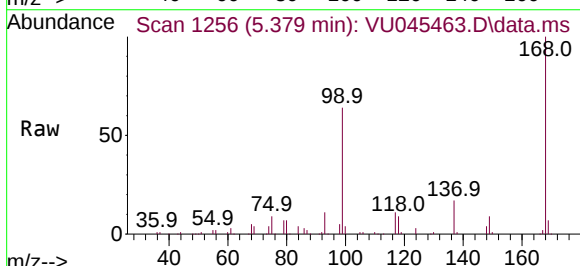
Tgt Ion: 56 Resp: 4741

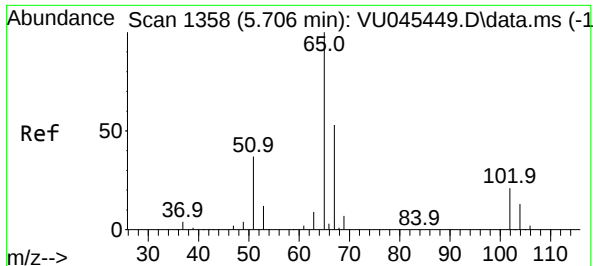
Ion Ratio Lower Upper

56 100

69 184.6 26.4 39.6#

84 150.6 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 51.721 ug/l

RT: 5.707 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045463.D

Acq: 29 Oct 2021 14:58

Instrument :

MSVOA_U

ClientSampleId :

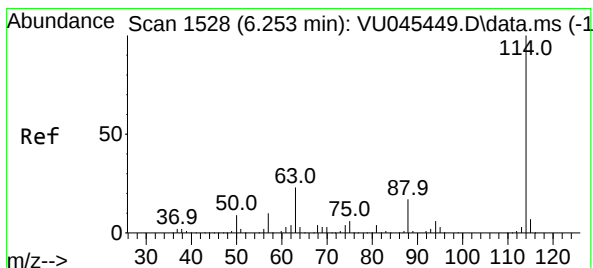
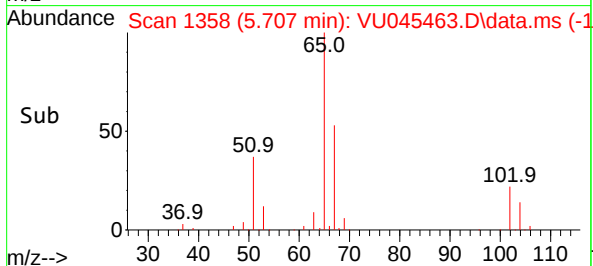
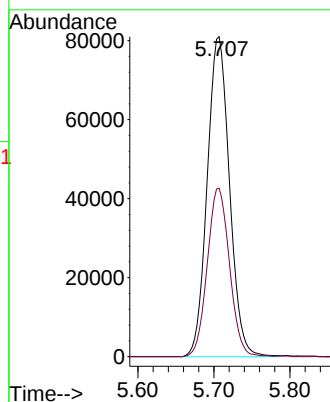
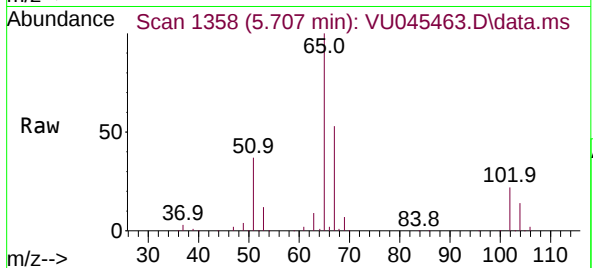
BP-VPB-RW9-GW-278-280

Tgt Ion: 65 Resp: 164917

Ion Ratio Lower Upper

65 100

67 52.5 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: VU045463.D

Acq: 29 Oct 2021 14:58

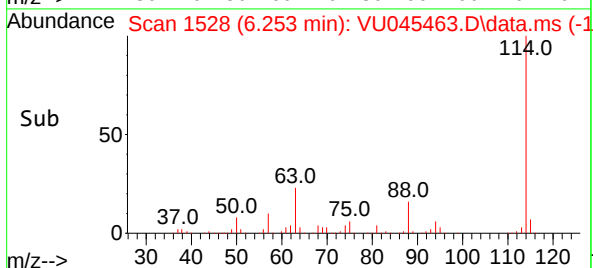
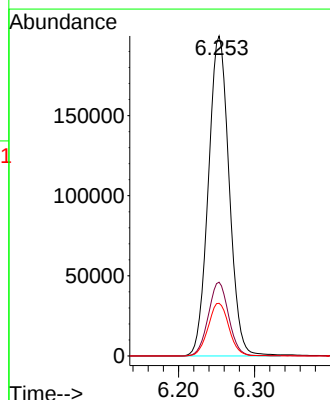
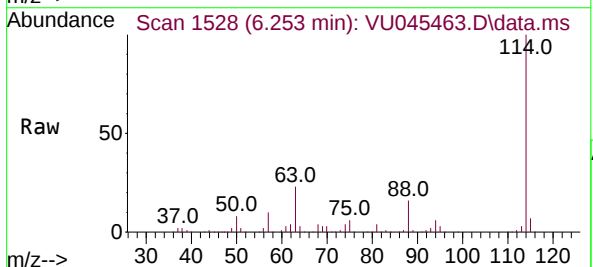
Tgt Ion: 114 Resp: 378441

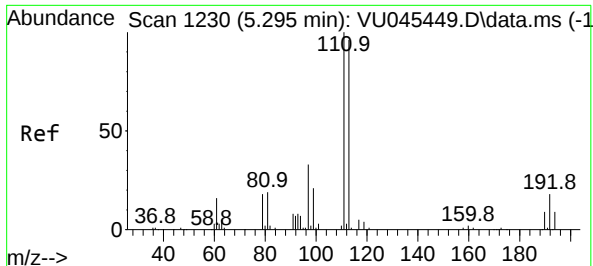
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

88 16.5 0.0 33.8

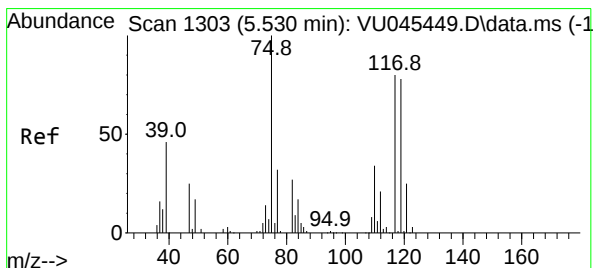
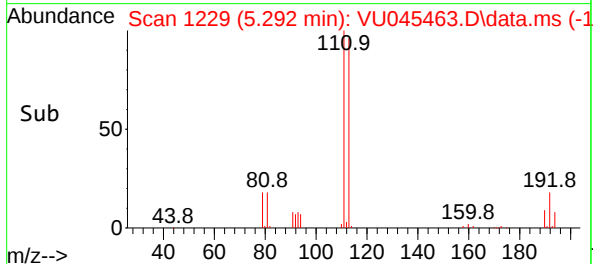
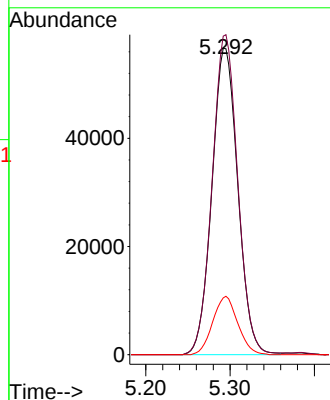
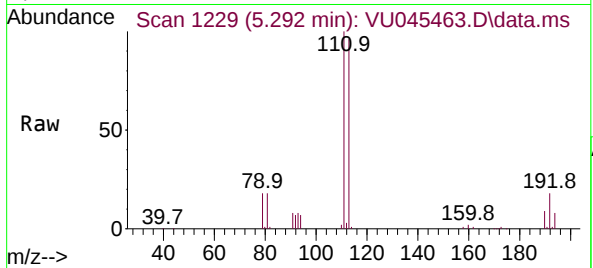




#35
Dibromofluoromethane
Concen: 50.294 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

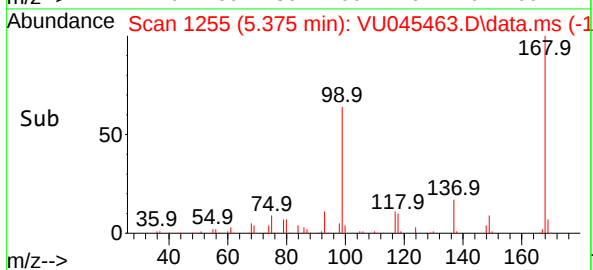
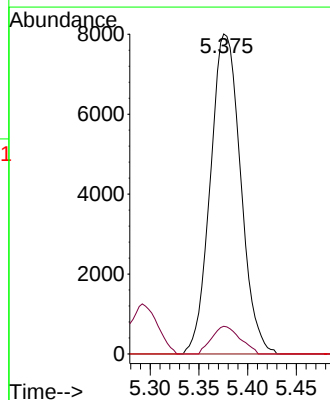
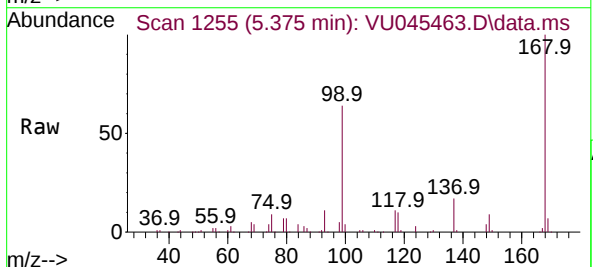
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-278-280

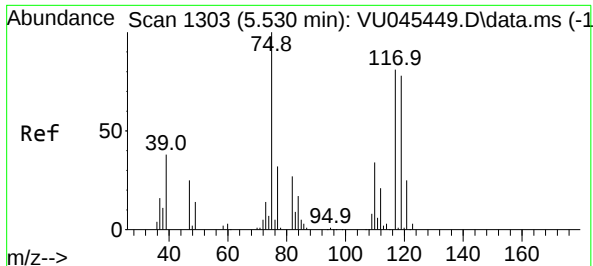
Tgt Ion:113 Resp: 121022
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.4 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.796 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

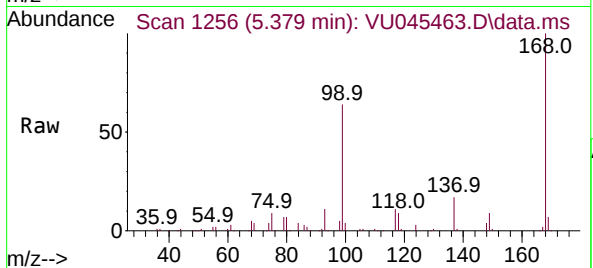
Tgt Ion: 75 Resp: 17277
Ion Ratio Lower Upper
75 100
110 8.1 16.7 50.0#
77 0.0 25.0 37.4#



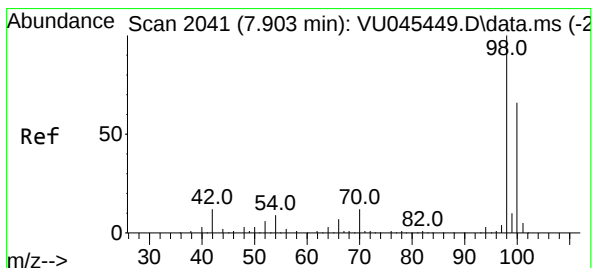
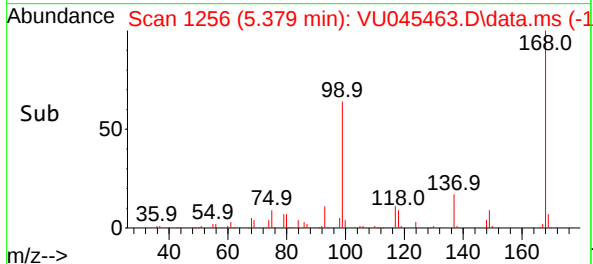
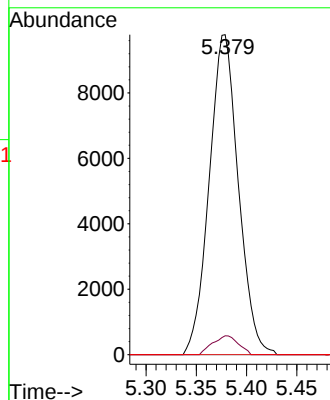


#38
Carbon Tetrachloride
Concen: 6.281 ug/l
RT: 5.379 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-278-280

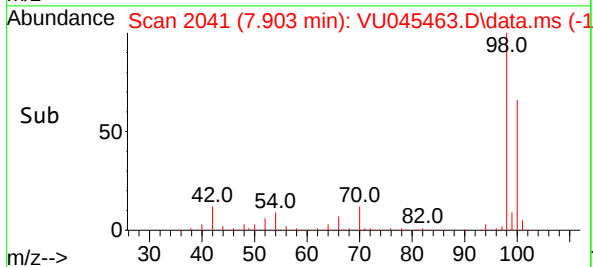
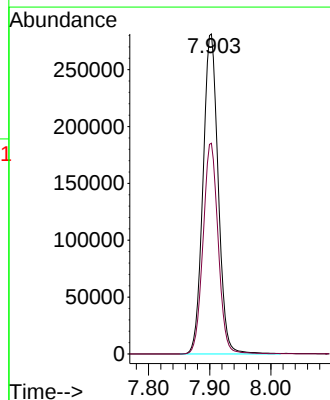
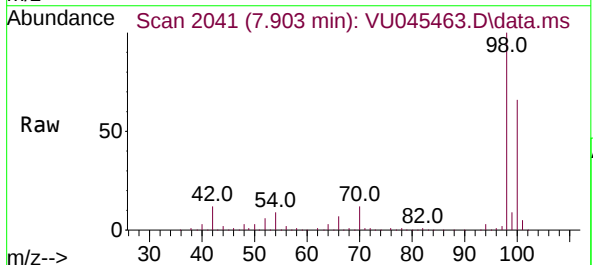


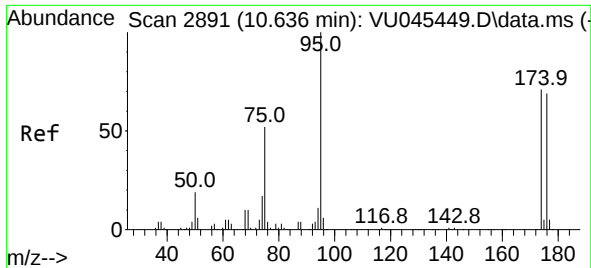
Tgt Ion:117 Resp: 19734
Ion Ratio Lower Upper
117 100
119 5.9 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.485 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

Tgt Ion: 98 Resp: 485812
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

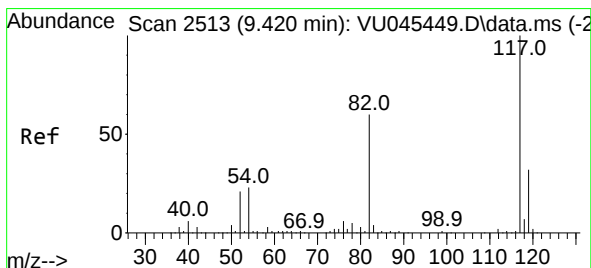
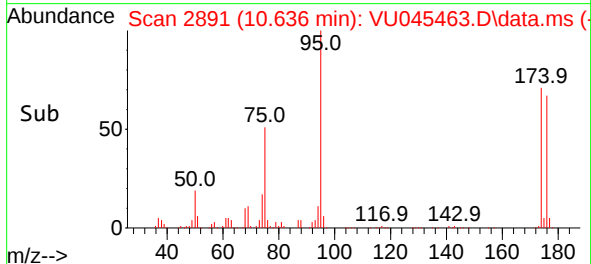
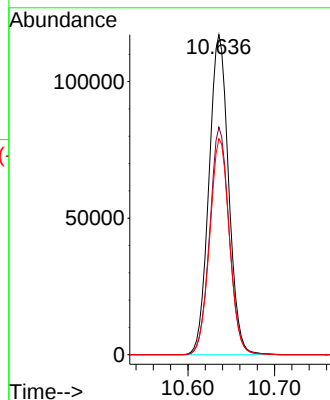
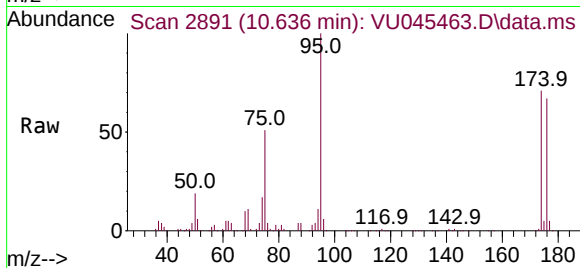




#62
4-Bromofluorobenzene
Concen: 51.288 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

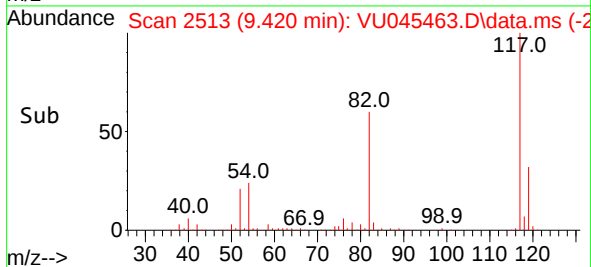
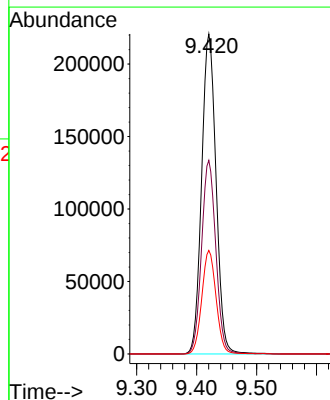
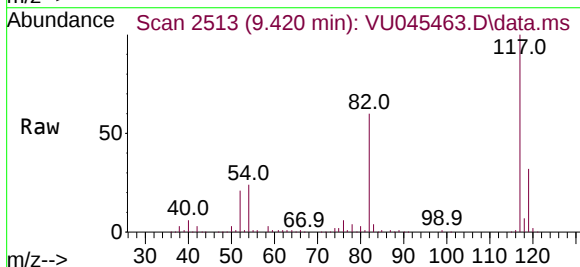
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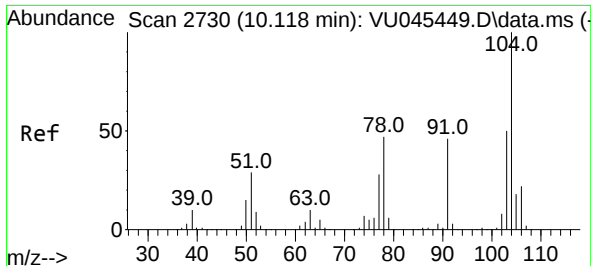
Tgt Ion: 95 Resp: 184418
Ion Ratio Lower Upper
95 100
174 70.4 0.0 141.8
176 67.9 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

Tgt Ion: 117 Resp: 370087
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 32.4 25.8 38.8

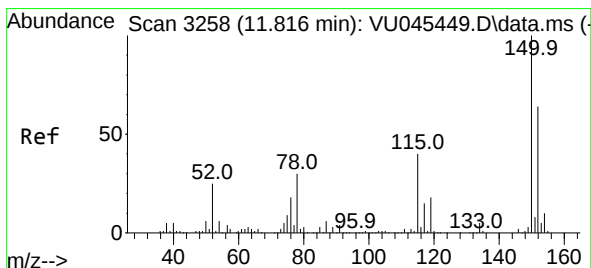
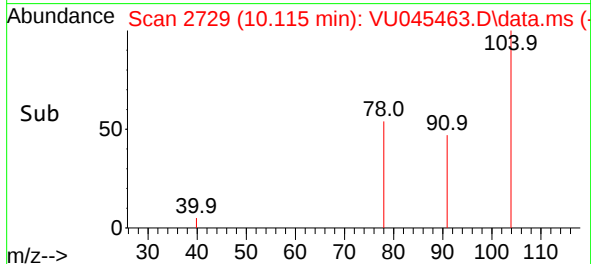
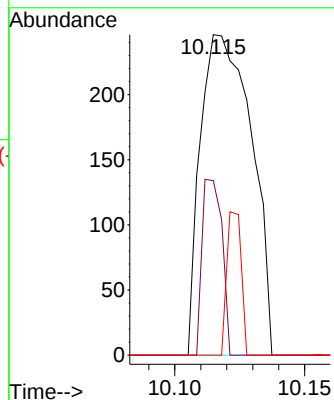
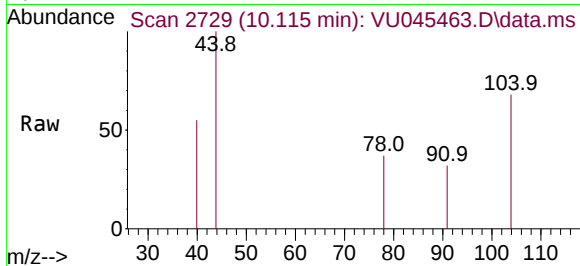




#70
Styrene
Concen: 1.014 ug/l
RT: 10.115 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

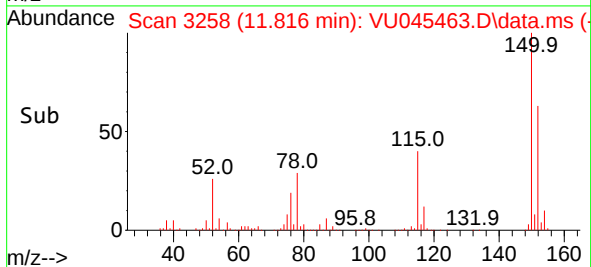
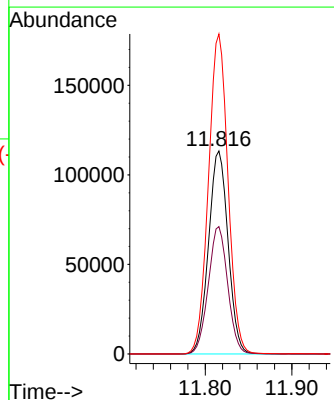
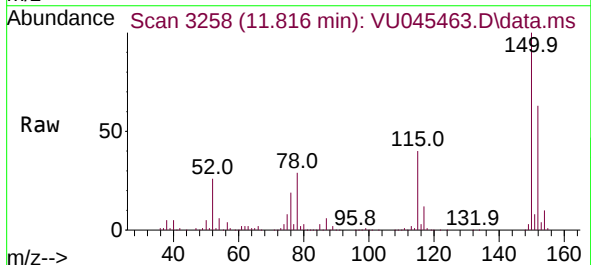
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-278-280

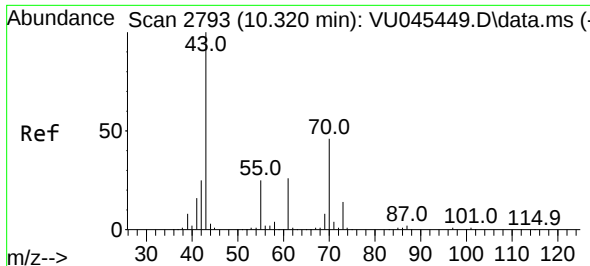
Tgt Ion:104 Resp: 335
Ion Ratio Lower Upper
104 100
78 21.5 41.8 62.6#
103 12.5 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

Tgt Ion:152 Resp: 177383
Ion Ratio Lower Upper
152 100
115 62.4 42.7 128.1
150 157.7 0.0 346.8

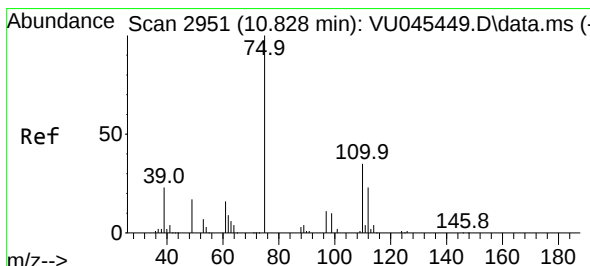
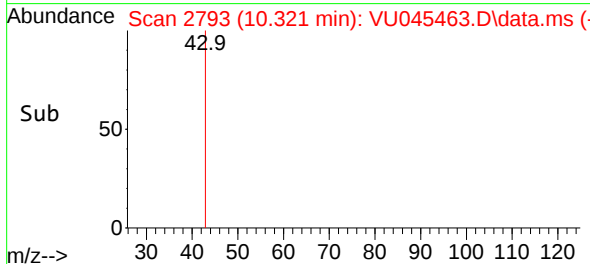
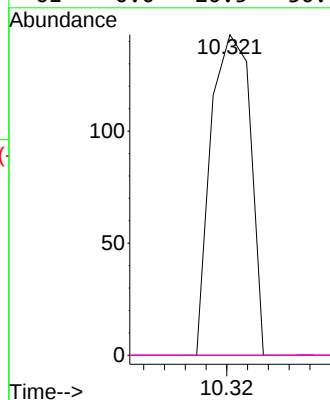
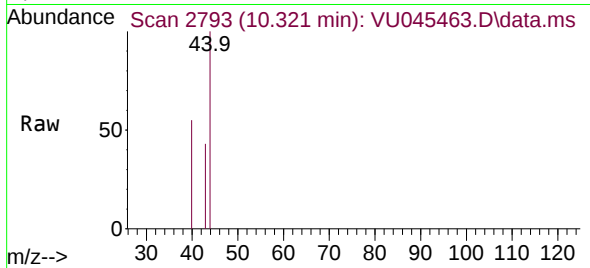




#74
N-amy1 acetate
Concen: 1.167 ug/l
RT: 10.321 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

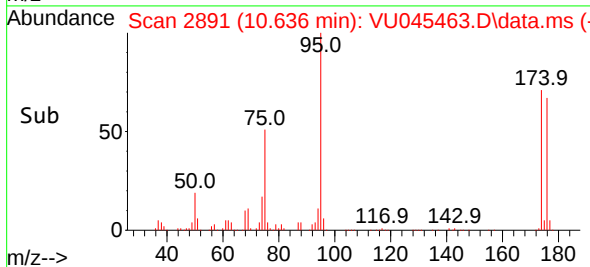
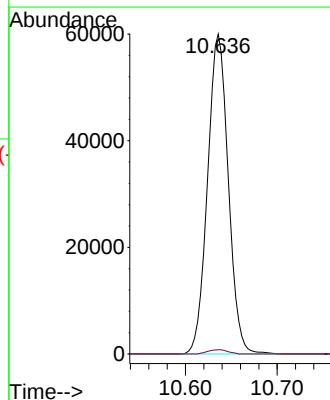
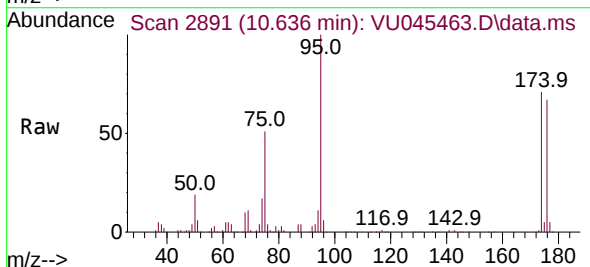
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-278-280

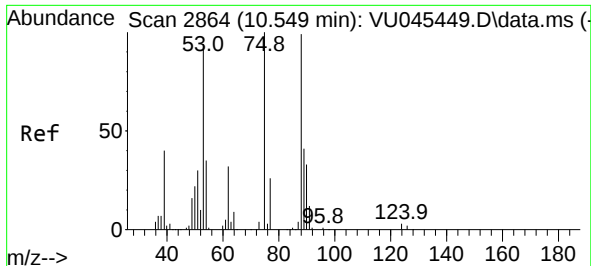
Tgt Ion: 43	Resp: 75
Ion Ratio	Lower Upper
43	100
70	0.0 36.9 55.3#
55	0.0 20.6 31.0#
61	0.0 20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 19.933 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

Tgt Ion: 75	Resp: 94207
Ion Ratio	Lower Upper
75	100
77	1.3 17.1 51.3#

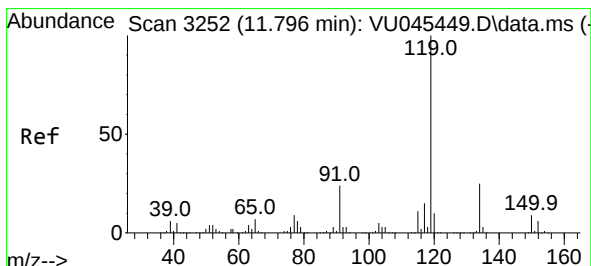
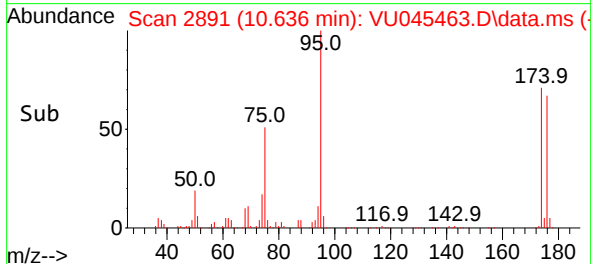
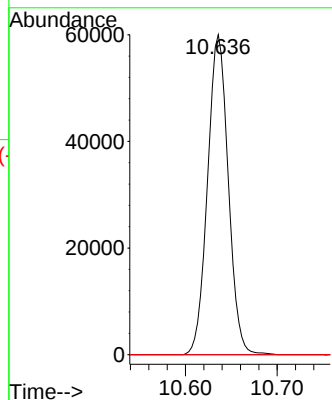
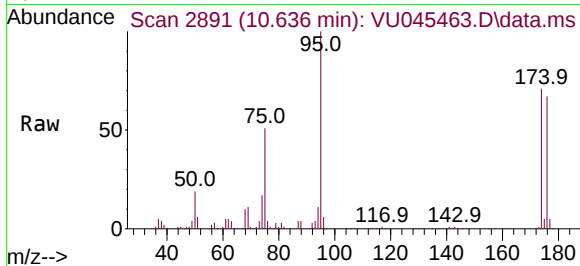




#81
trans-1,4-Dichloro-2-butene
Concen: 55.374 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

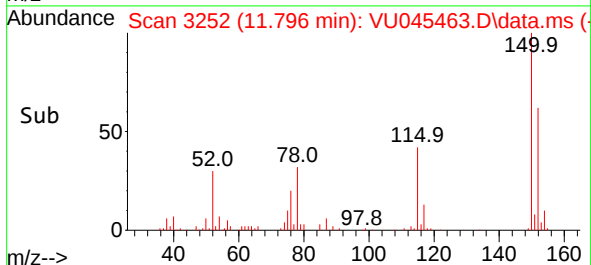
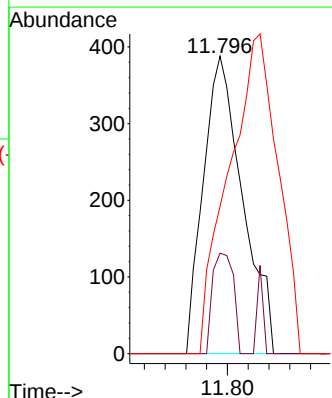
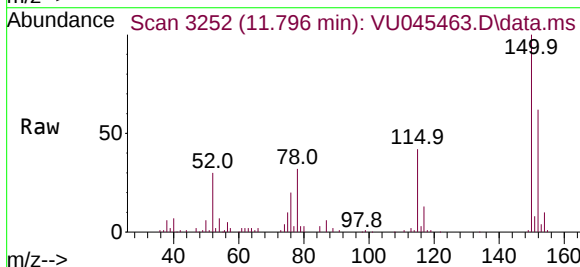
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-278-280

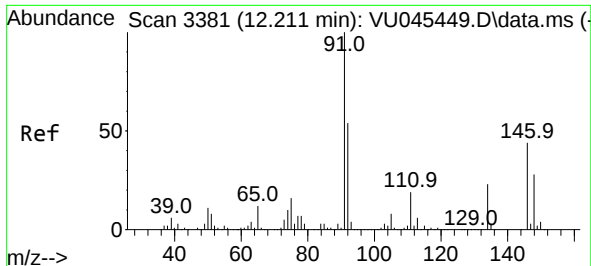
Tgt Ion: 75 Resp: 94207
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#86
p-Isopropyltoluene
Concen: 0.233 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU045463.D
Acq: 29 Oct 2021 14:58

Tgt Ion: 119 Resp: 509
Ion Ratio Lower Upper
119 100
134 17.9 12.7 38.1
91 0.0 12.2 36.4#





#89

n-Butylbenzene

Concen: 1.028 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045463.D

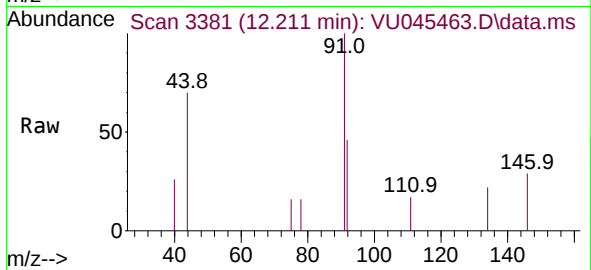
Acq: 29 Oct 2021 14:58

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-278-280



Tgt Ion: 91 Resp: 1011

Ion Ratio Lower Upper

91 100

92 38.5 27.1 81.2

134 12.4 11.8 35.4

