

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045464.D
 Acq On : 29 Oct 2021 15:21
 Operator : SY/MD
 Sample : M4360-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-298-300

Quant Time: Oct 30 04:06:41 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)

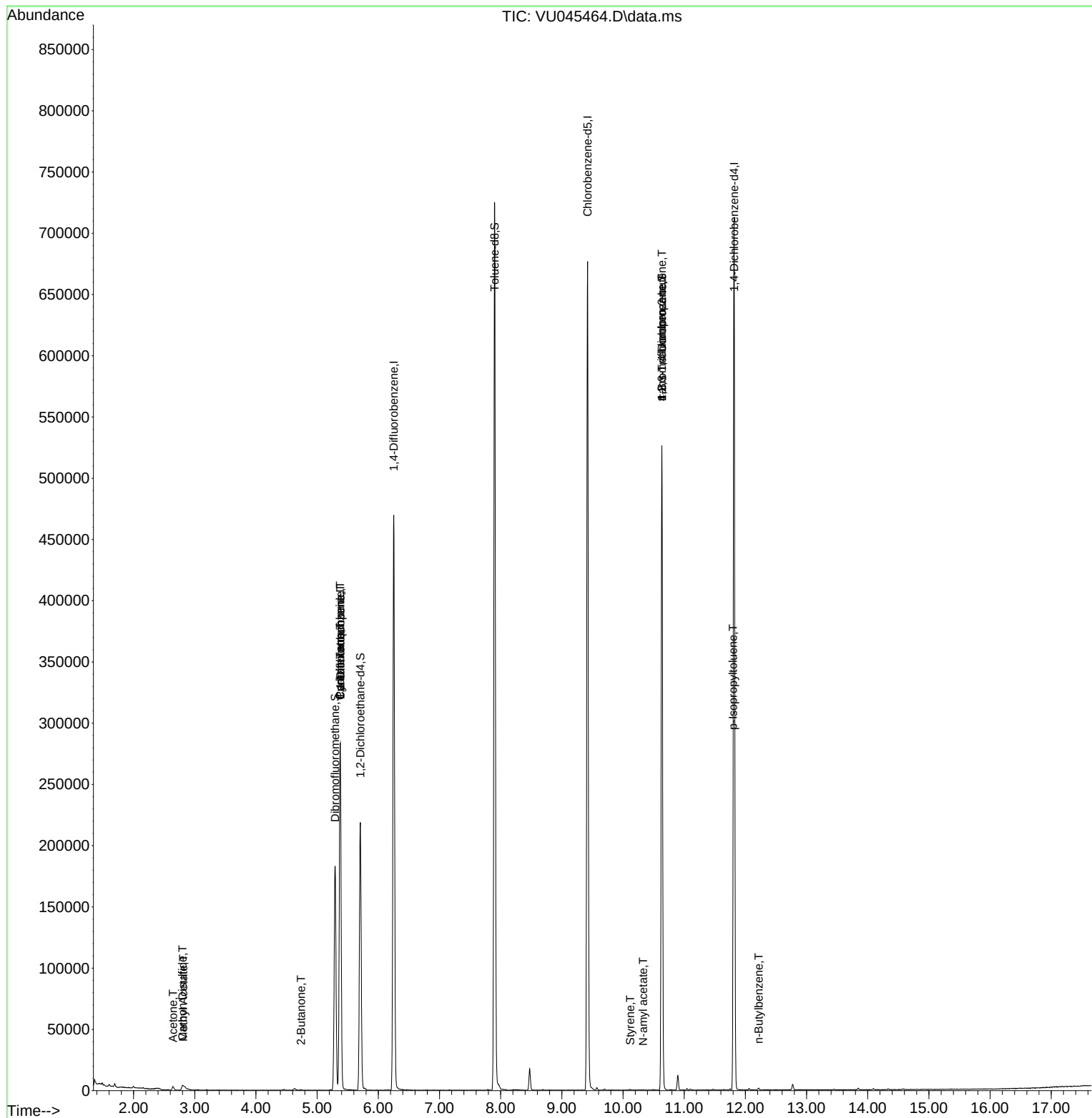
Internal Standards						
1) Pentafluorobenzene	5.379	168	190034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	367858	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	365819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	176990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	163060	52.705	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.420%	
35) Dibromofluoromethane	5.295	113	117933	50.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.840%	
50) Toluene-d8	7.899	98	477438	52.053	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.100%	
62) 4-Bromofluorobenzene	10.636	95	183327	52.452	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.900%	
Target Compounds						
					Qvalue	
16) Acetone	2.646	43	3787	2.696	ug/l	96
17) Carbon Disulfide	2.800	76	1977	0.313	ug/l #	75
18) Methyl Acetate	2.813	43	2266	0.433	ug/l #	50
25) 2-Butanone	4.739	43	616	0.291	ug/l #	47
31) Cyclohexane	5.375	56	4708	1.022	ug/l #	5
36) 1,1-Dichloropropene	5.379	75	17549	5.012	ug/l #	49
38) Carbon Tetrachloride	5.375	117	19574	6.409	ug/l #	16
70) Styrene	10.118	104	210	1.000	ug/l #	49
74) N-amyl acetate	10.327	43	39	1.161	ug/l #	40
76) 1,2,3-Trichloropropane	10.636	75	94270	19.991	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	94270	55.527	ug/l #	12
86) p-Isopropyltoluene	11.800	119	399	0.223	ug/l #	62
89) n-Butylbenzene	12.218	91	906	1.019	ug/l	87

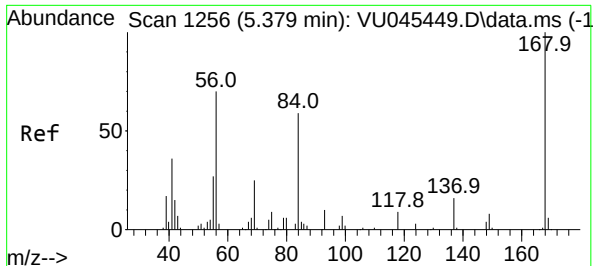
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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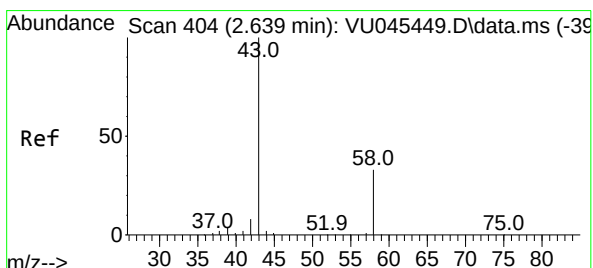
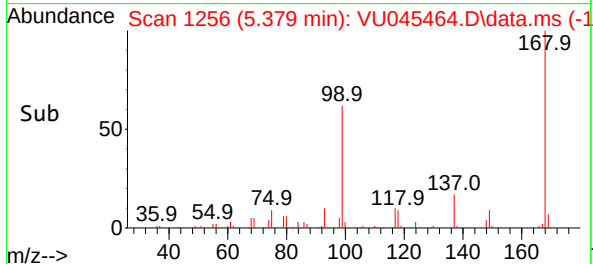
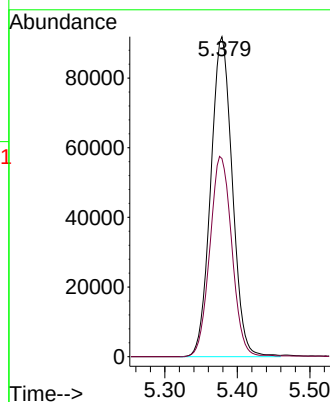
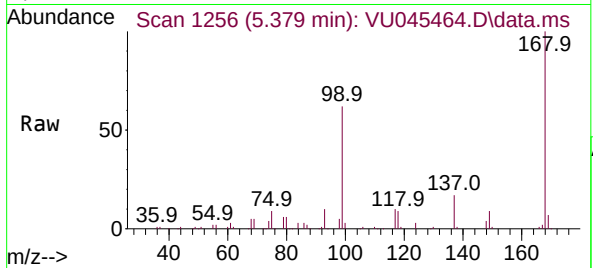




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

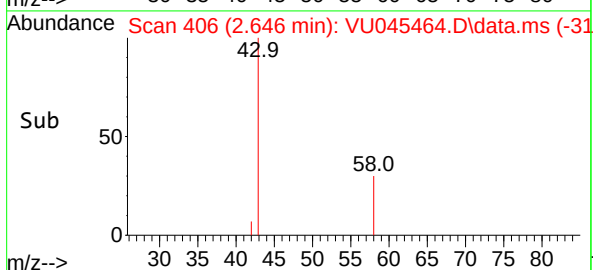
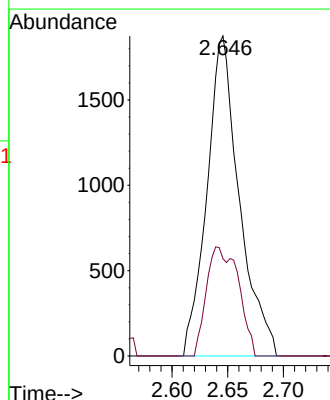
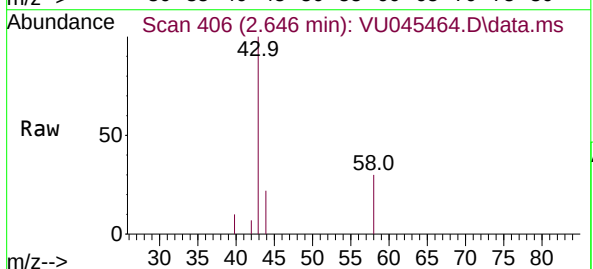
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-298-300

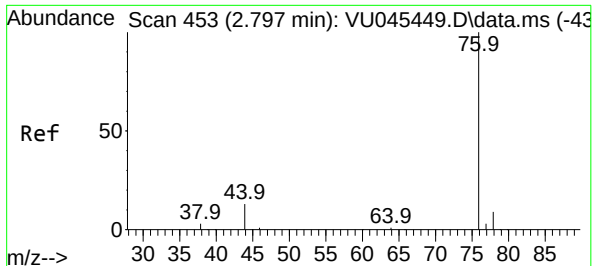
Tgt Ion:168 Resp: 190034
Ion Ratio Lower Upper
168 100
99 61.9 51.0 76.6



#16
Acetone
Concen: 2.696 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.007 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

Tgt Ion: 43 Resp: 3787
Ion Ratio Lower Upper
43 100
58 30.4 26.2 39.2

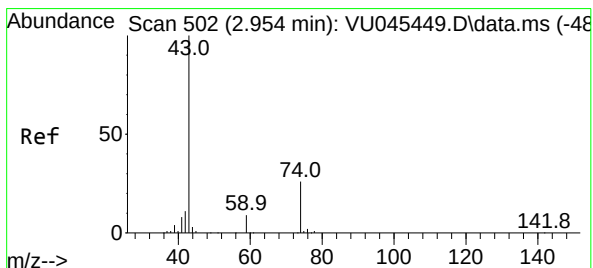
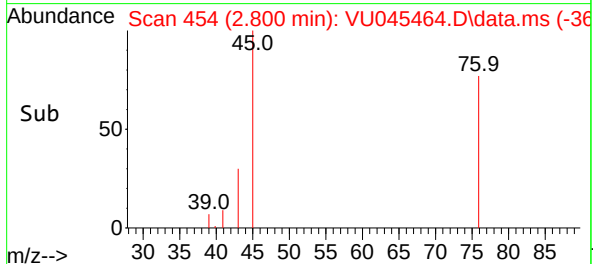
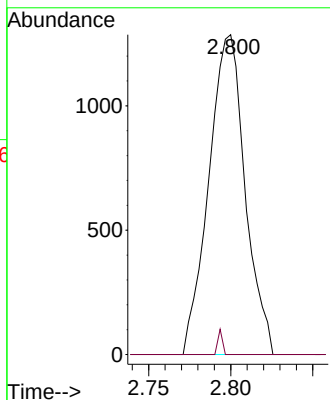
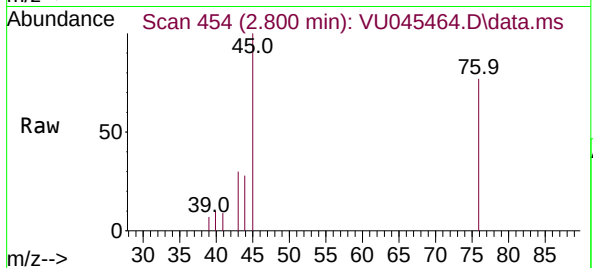




#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 2.800 min Scan# 453
Delta R.T. 0.003 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

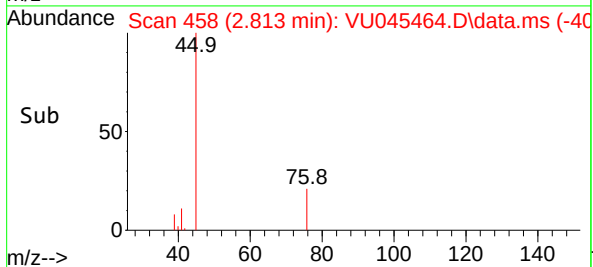
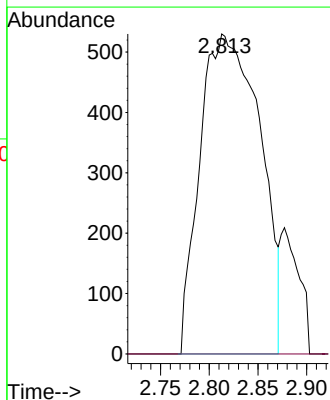
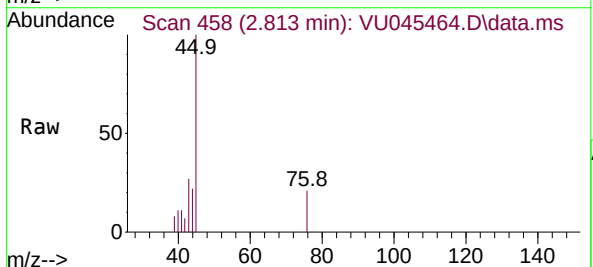
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-298-300

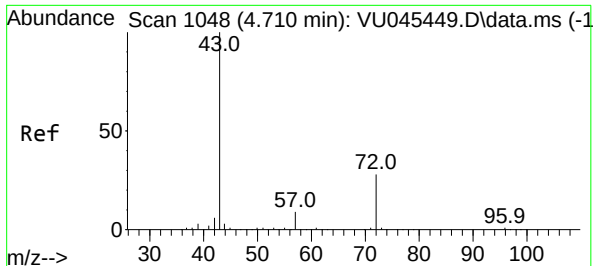
Tgt Ion: 76 Resp: 1977
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.433 ug/l
RT: 2.813 min Scan# 458
Delta R.T. -0.141 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

Tgt Ion: 43 Resp: 2266
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





#25

2-Butanone

Concen: 0.291 ug/l

RT: 4.739 min Scan# 110

Delta R.T. 0.029 min

Lab File: VU045464.D

Acq: 29 Oct 2021 15:21

Instrument :

MSVOA_U

ClientSampleId :

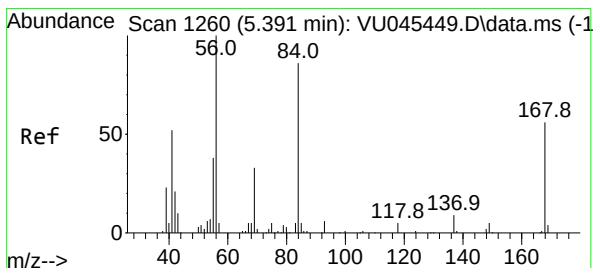
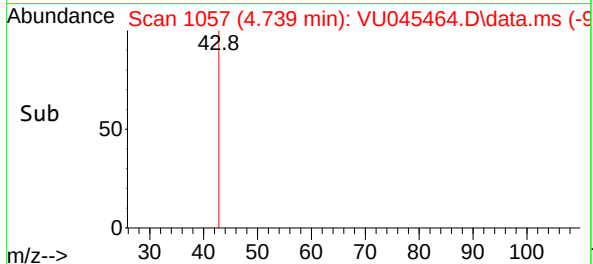
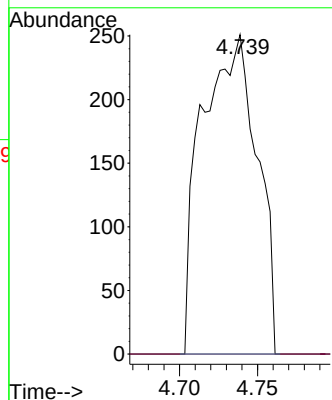
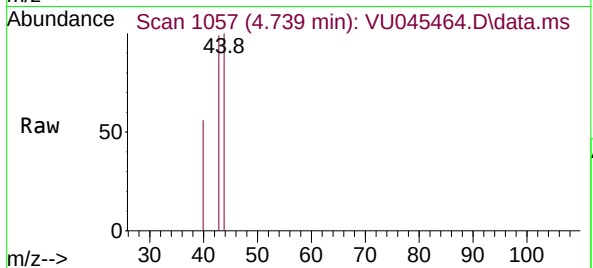
BP-VPB-RW9-GW-298-300

Tgt Ion: 43 Resp: 616

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#31

Cyclohexane

Concen: 1.022 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU045464.D

Acq: 29 Oct 2021 15:21

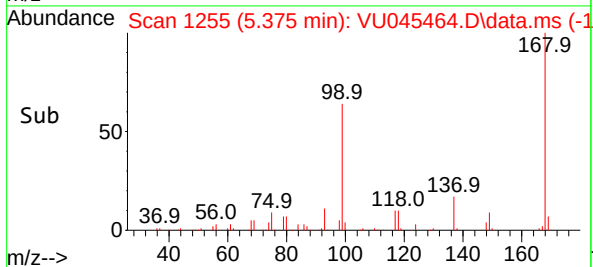
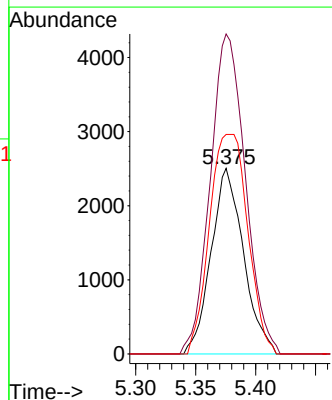
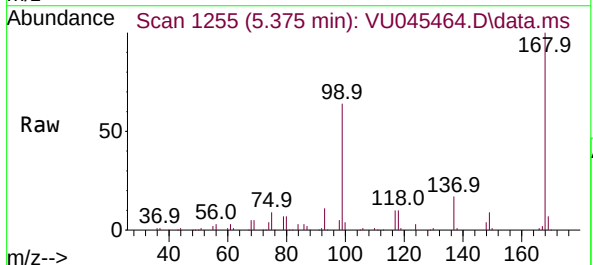
Tgt Ion: 56 Resp: 4708

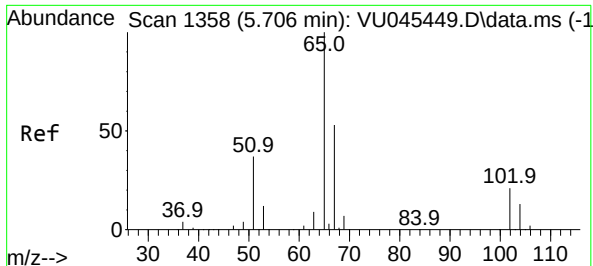
Ion Ratio Lower Upper

56 100

69 172.4 26.4 39.6#

84 118.3 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 52.705 ug/l

RT: 5.707 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045464.D

Acq: 29 Oct 2021 15:21

Instrument :

MSVOA_U

ClientSampleId :

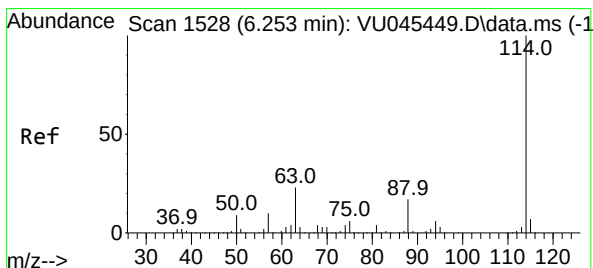
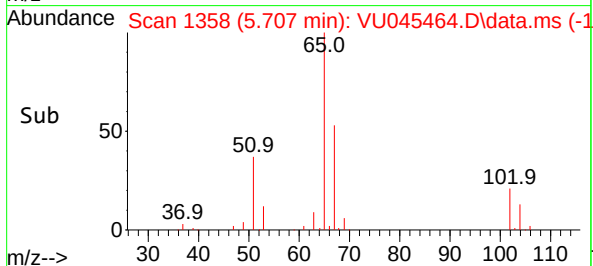
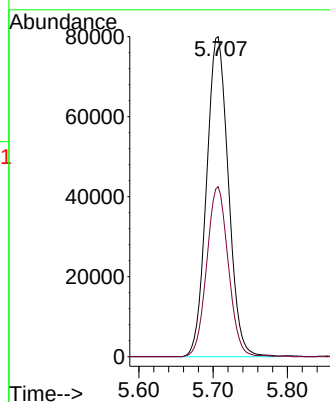
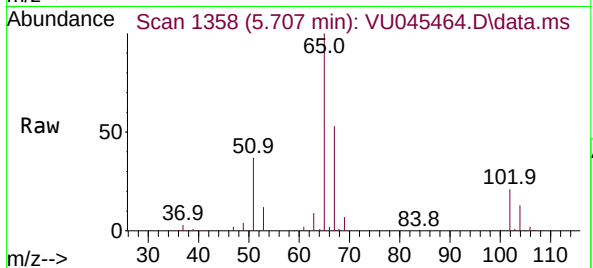
BP-VPB-RW9-GW-298-300

Tgt Ion: 65 Resp: 163060

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: VU045464.D

Acq: 29 Oct 2021 15:21

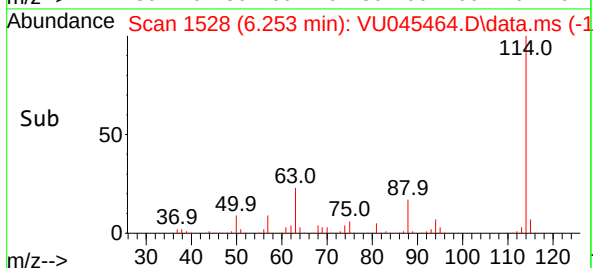
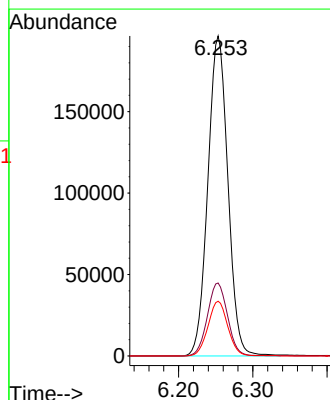
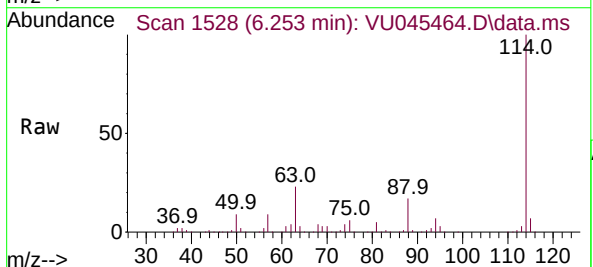
Tgt Ion: 114 Resp: 367858

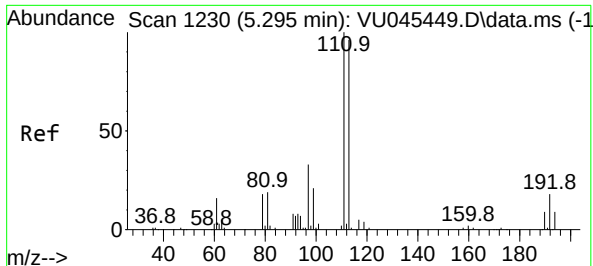
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 17.1 0.0 33.8

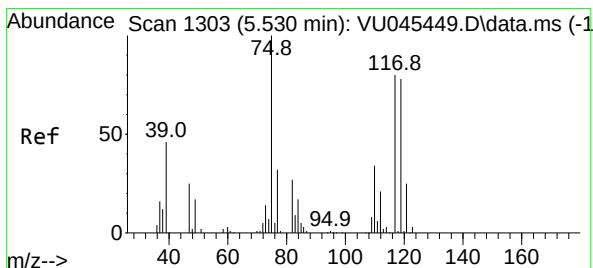
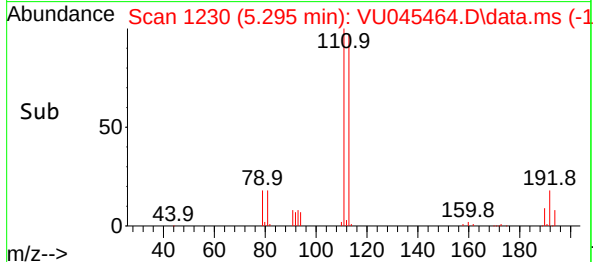
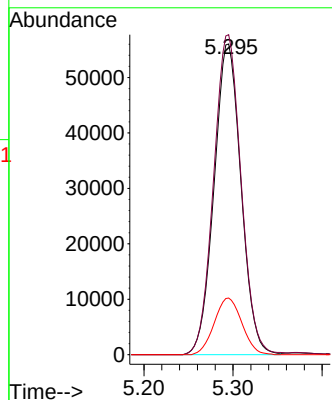
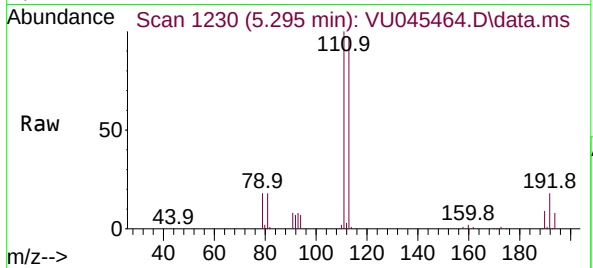




#35
Dibromofluoromethane
Concen: 50.420 ug/l
RT: 5.295 min Scan# 117933
Delta R.T. 0.000 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

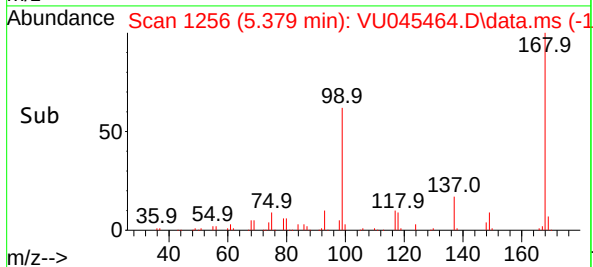
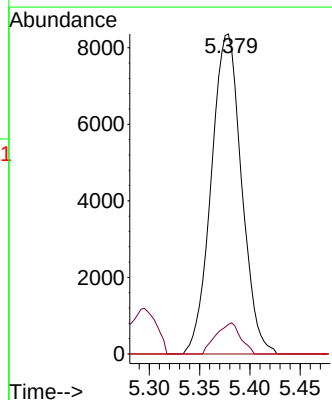
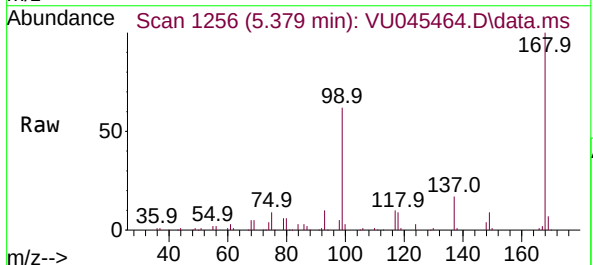
Instrument :
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BP-VPB-RW9-GW-298-300

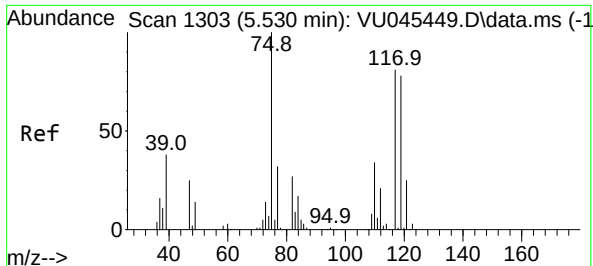
Tgt Ion:113 Resp: 117933
Ion Ratio Lower Upper
113 100
111 104.8 82.8 124.2
192 18.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

Tgt Ion: 75 Resp: 17549
Ion Ratio Lower Upper
75 100
110 7.8 16.7 50.0#
77 0.0 25.0 37.4#

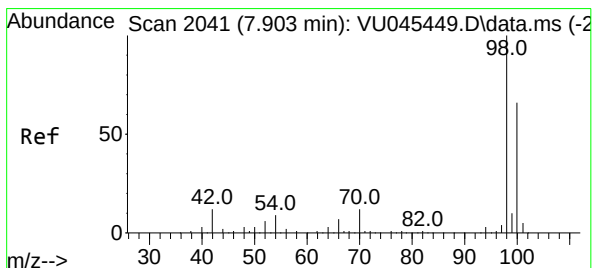
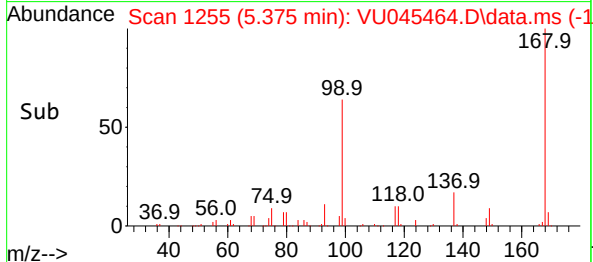
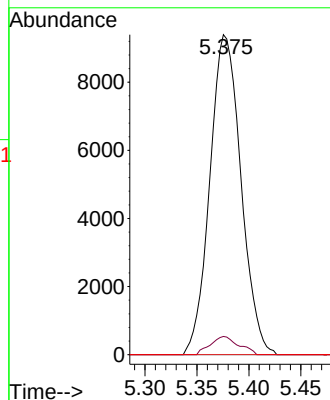
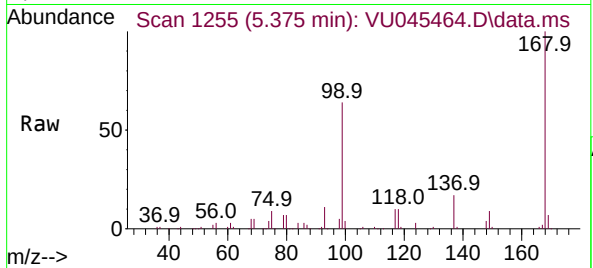




#38
Carbon Tetrachloride
Concen: 6.409 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

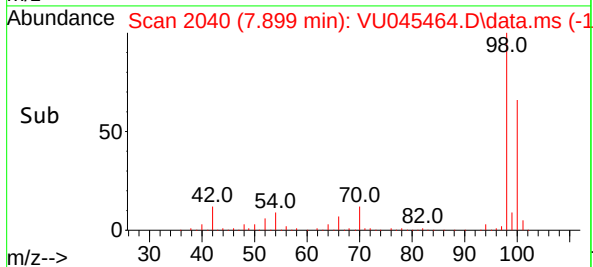
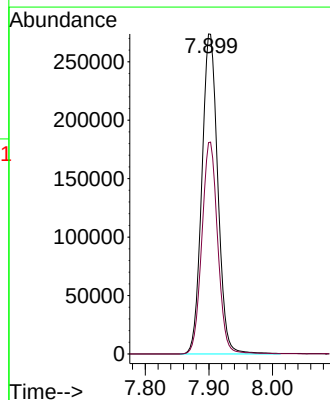
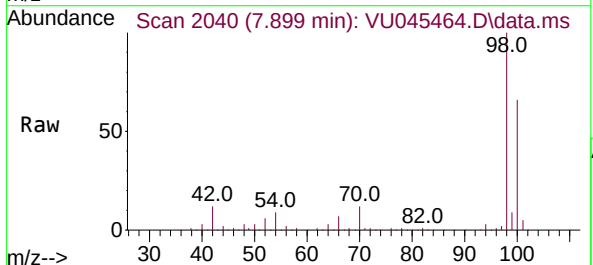
Instrument :
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ClientSampleId :
BP-VPB-RW9-GW-298-300

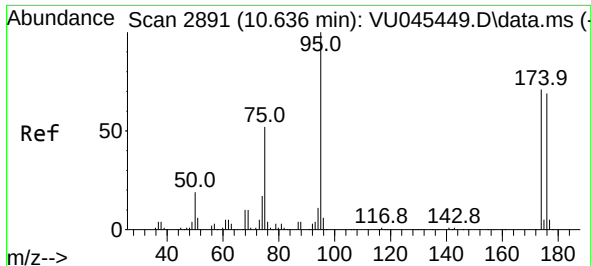
Tgt Ion:117 Resp: 19574
Ion Ratio Lower Upper
117 100
119 5.7 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.053 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

Tgt Ion: 98 Resp: 477438
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 52.452 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.000 min

Lab File: VU045464.D

Acq: 29 Oct 2021 15:21

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-298-300

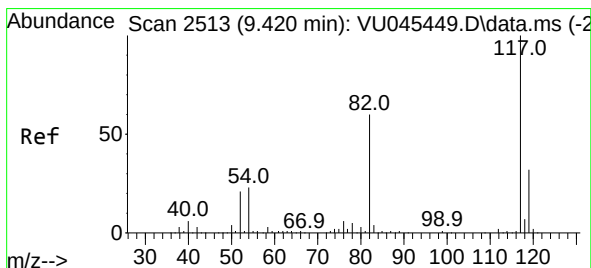
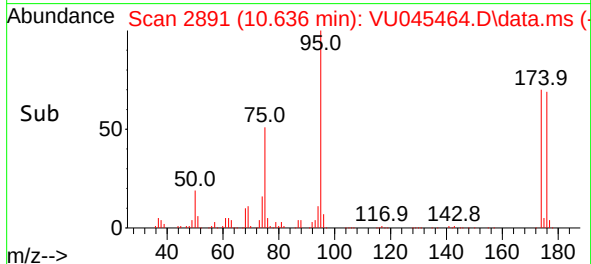
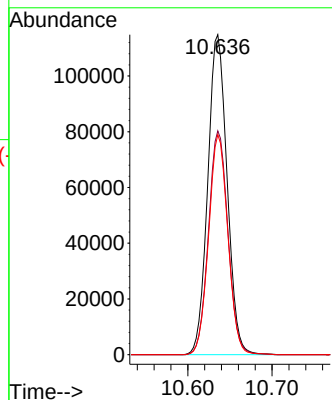
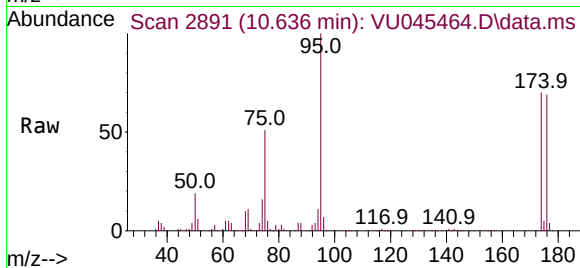
Tgt Ion: 95 Resp: 183327

Ion Ratio Lower Upper

95 100

174 70.5 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: VU045464.D

Acq: 29 Oct 2021 15:21

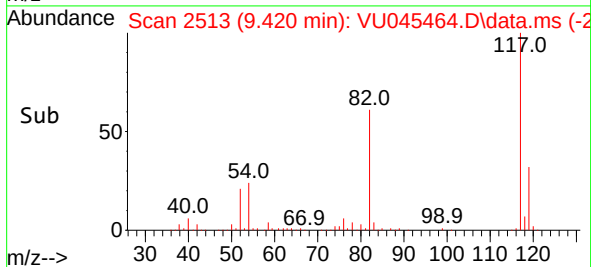
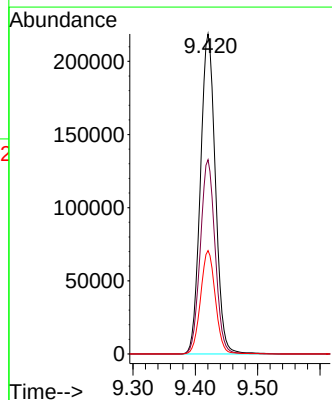
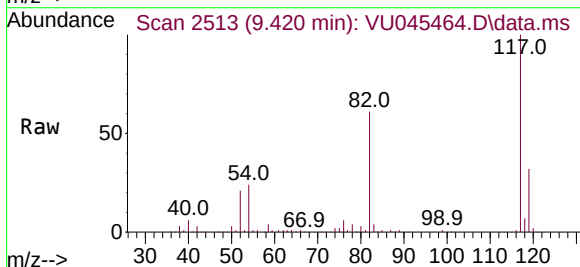
Tgt Ion: 117 Resp: 365819

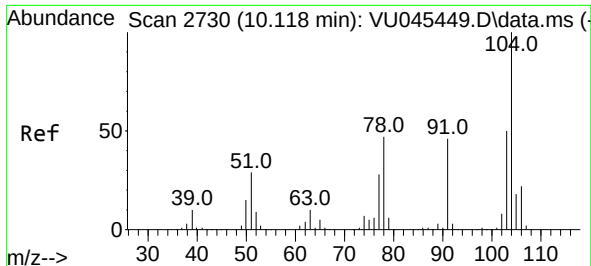
Ion Ratio Lower Upper

117 100

82 60.7 47.8 71.8

119 32.3 25.8 38.8

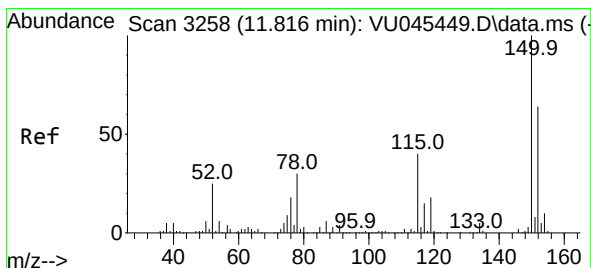
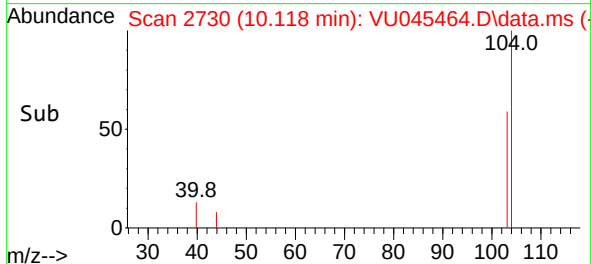
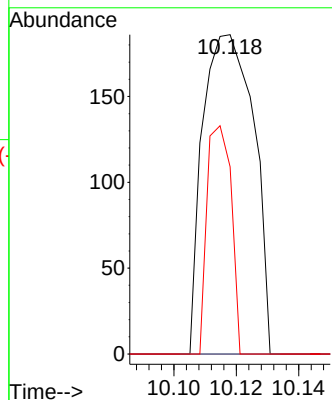
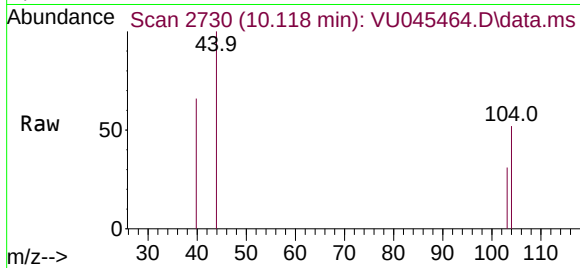




#70
Styrene
Concen: 1.000 ug/l
RT: 10.118 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

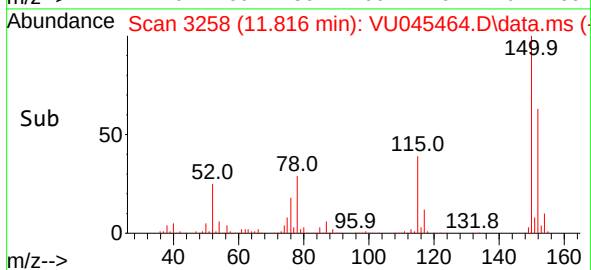
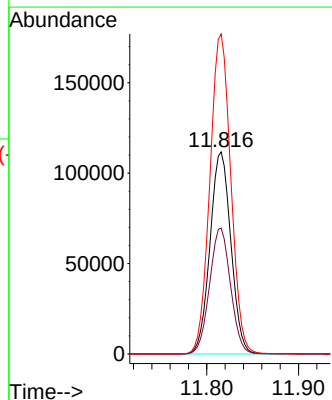
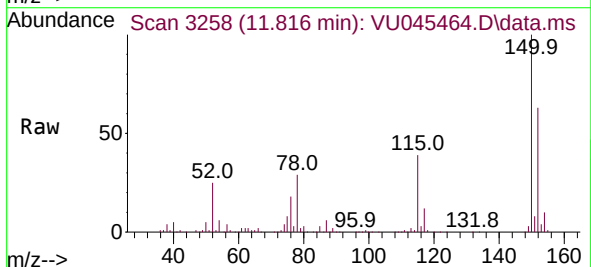
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-298-300

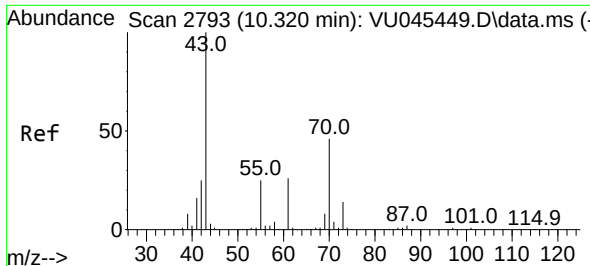
Tgt Ion:104 Resp: 210
Ion Ratio Lower Upper
104 100
78 0.0 41.8 62.6#
103 33.8 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

Tgt Ion:152 Resp: 176990
Ion Ratio Lower Upper
152 100
115 62.4 42.7 128.1
150 158.4 0.0 346.8

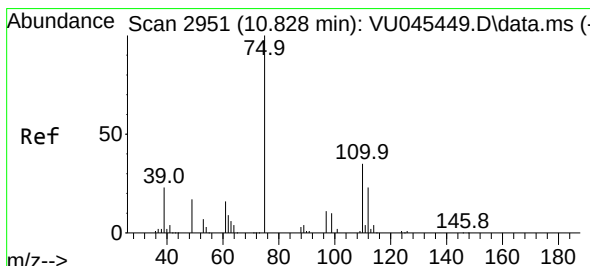
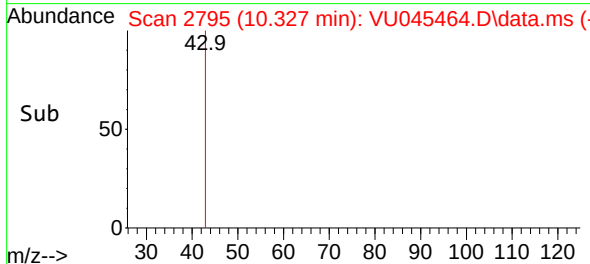
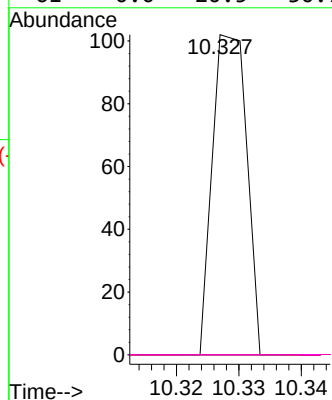
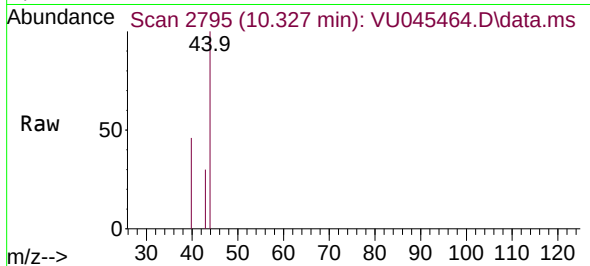




#74
N-amy1 acetate
Concen: 1.161 ug/l
RT: 10.327 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

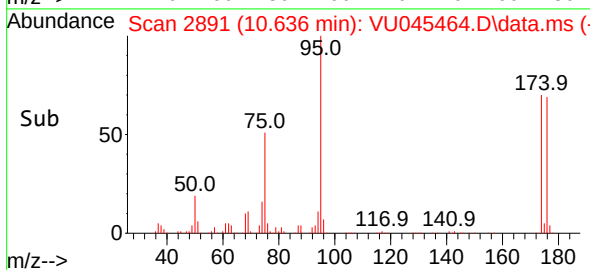
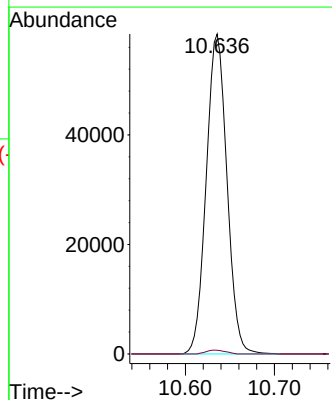
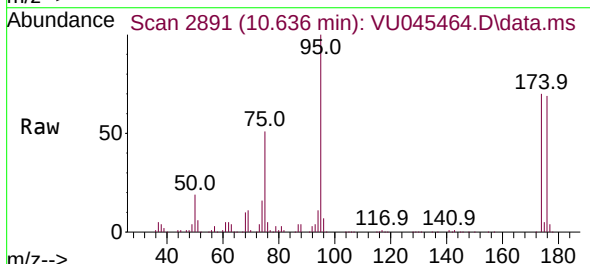
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-298-300

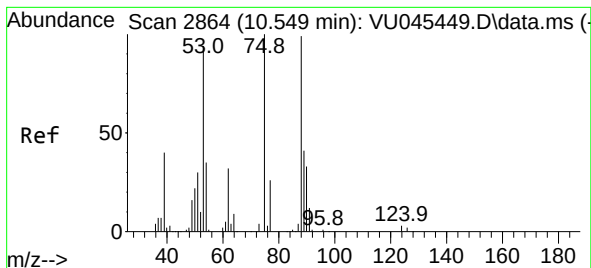
Tgt Ion: 43	Resp:	39
Ion	Ratio	Lower Upper
43	100	
70	0.0	36.9 55.3#
55	0.0	20.6 31.0#
61	0.0	20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 19.991 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

Tgt Ion: 75	Resp:	94270
Ion	Ratio	Lower Upper
75	100	
77	1.1	17.1 51.3#

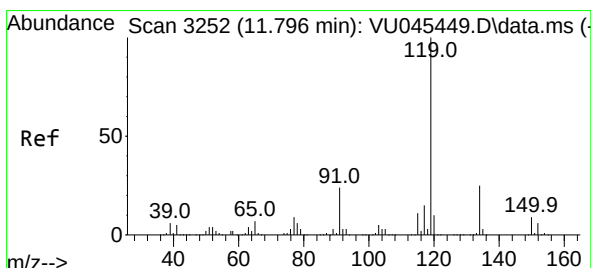
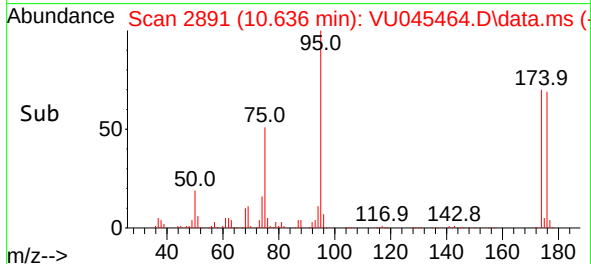
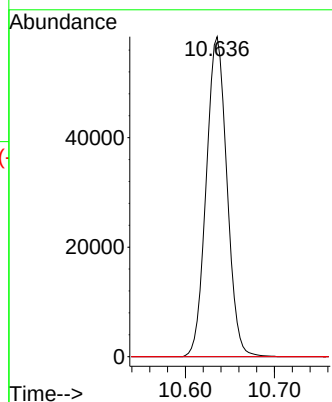
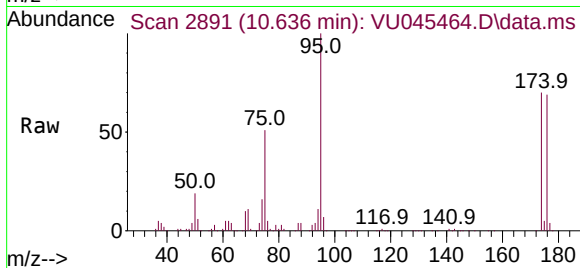




#81
trans-1,4-Dichloro-2-butene
Concen: 55.527 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

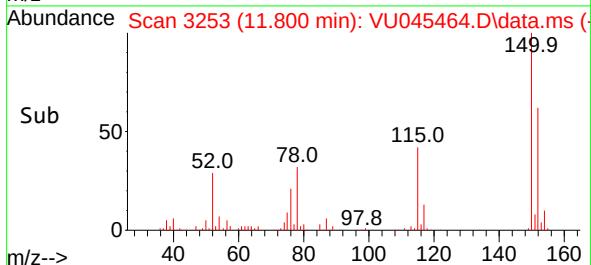
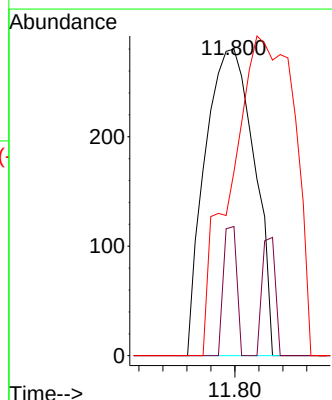
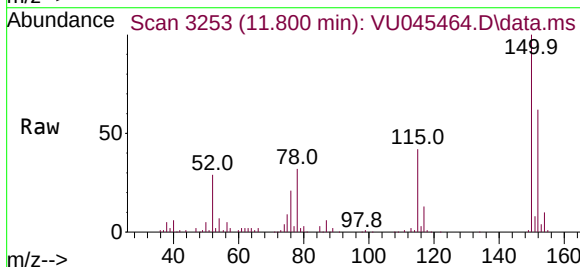
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-298-300

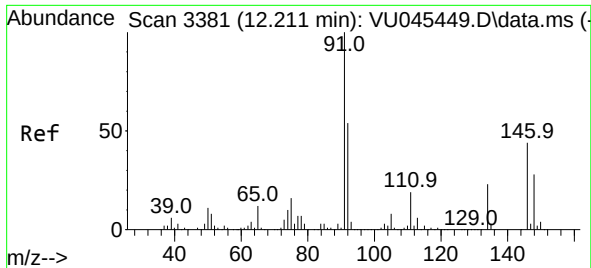
Tgt Ion: 75 Resp: 94270
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#86
p-Isopropyltoluene
Concen: 0.223 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. 0.004 min
Lab File: VU045464.D
Acq: 29 Oct 2021 15:21

Tgt Ion: 119 Resp: 399
Ion Ratio Lower Upper
119 100
134 11.3 12.7 38.1#
91 0.0 12.2 36.4#





#89

n-Butylbenzene

Concen: 1.019 ug/l

RT: 12.218 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU045464.D

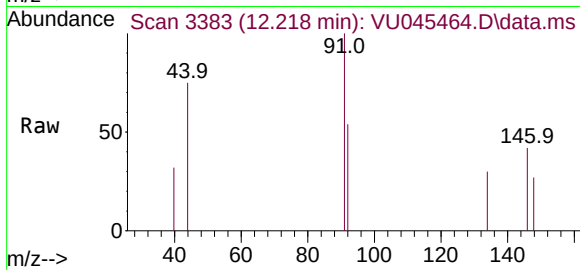
Acq: 29 Oct 2021 15:21

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-298-300



Tgt Ion: 91 Resp: 906

Ion Ratio Lower Upper

91 100

92 46.7 27.1 81.2

134 14.9 11.8 35.4

