

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045767.D
 Acq On : 12 Nov 2021 14:25
 Operator : SY/MD
 Sample : M4668-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:19:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.376	168	114476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	212394	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	219967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	109750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	95555	55.736	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.480%
35) Dibromofluoromethane	5.292	113	73496	51.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.660%
50) Toluene-d8	7.900	98	281607	53.406	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.820%
62) 4-Bromofluorobenzene	10.636	95	106167	50.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.420%

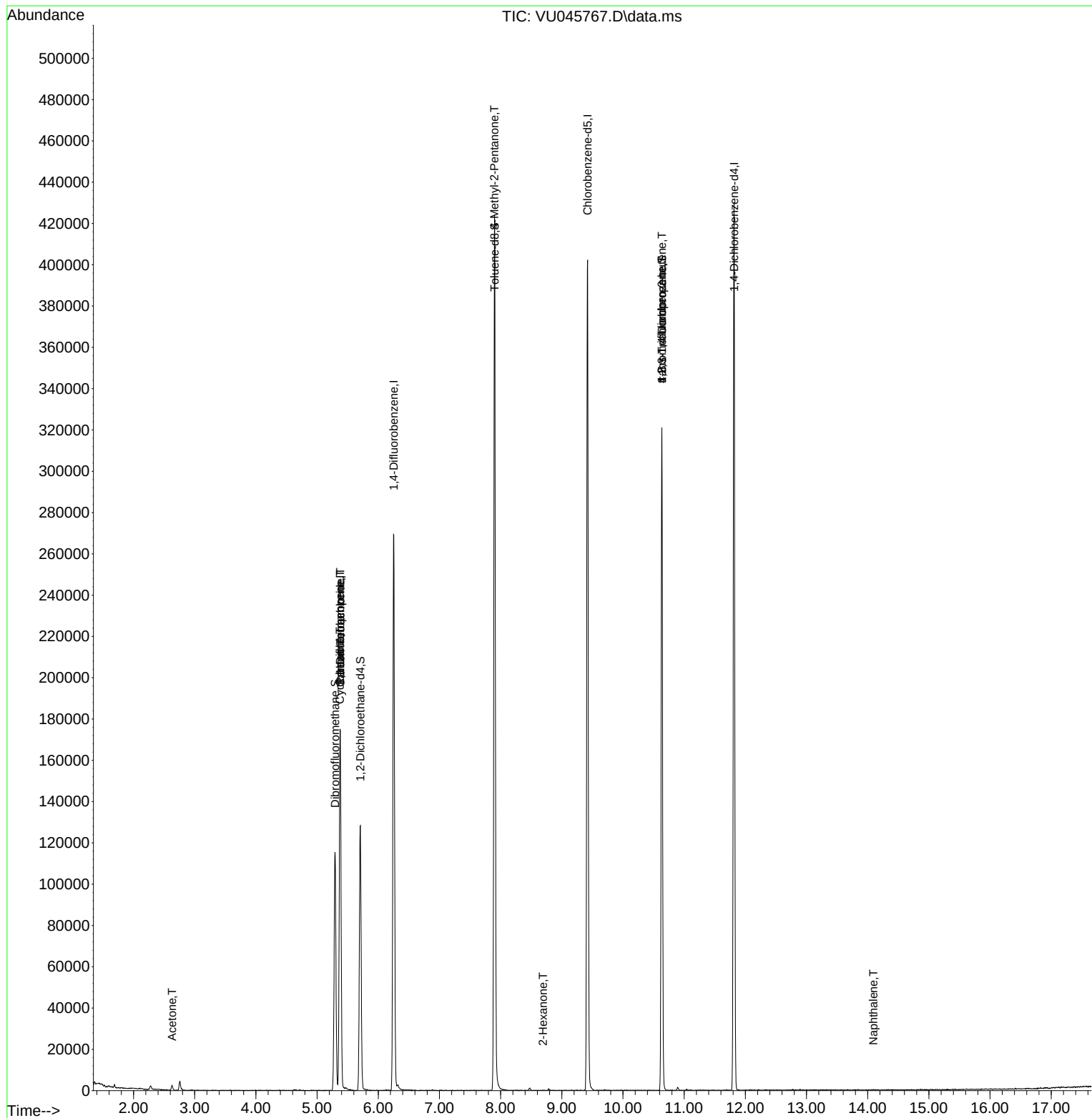
Target Compounds					Qvalue	
16) Acetone	2.630	43	2590	2.968	ug/l #	85
31) Cyclohexane	5.372	56	2556	1.022	ug/l #	1
36) 1,1-Dichloropropene	5.376	75	10077	4.866	ug/l #	51
38) Carbon Tetrachloride	5.379	117	12332	5.906	ug/l #	15
51) 4-Methyl-2-Pentanone	7.896	43	1164	0.485	ug/l #	1
59) 2-Hexanone	8.691	43	107	7.585	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	56302	16.916	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	56302	55.093	ug/l #	12
95) Naphthalene	14.092	128	280	1.060	ug/l #	69

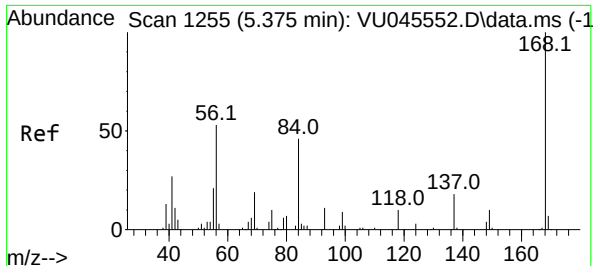
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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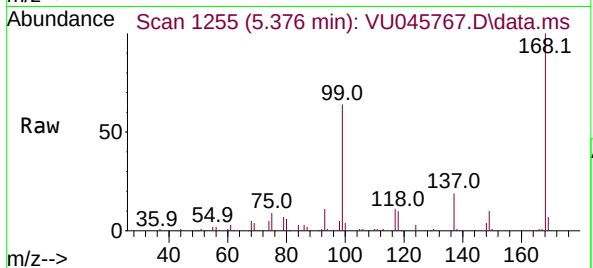
Quant Time: Nov 15 05:19:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
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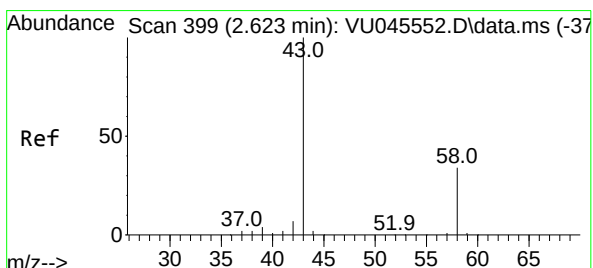
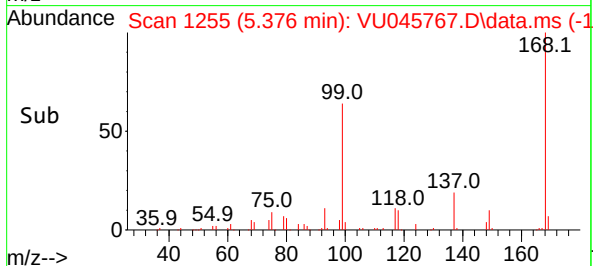
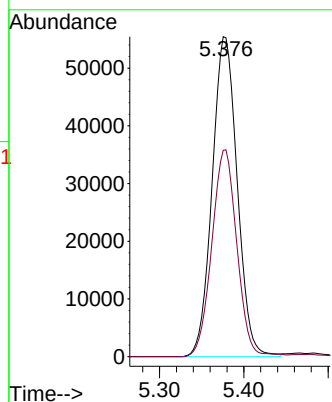


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU045767.D
Acq: 12 Nov 2021 14:25

Instrument :
MSVOA_U
ClientSampleId :

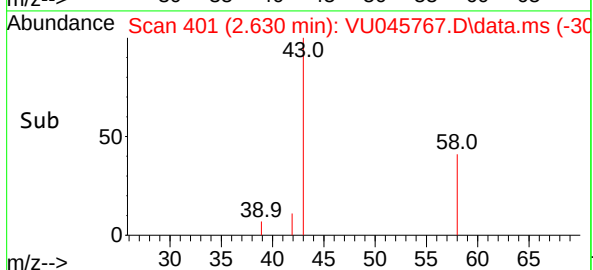
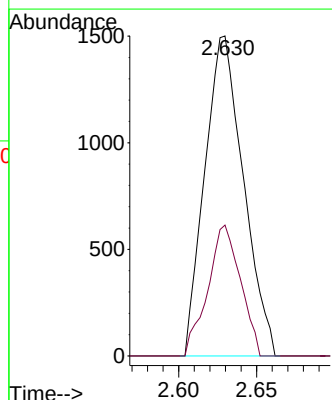
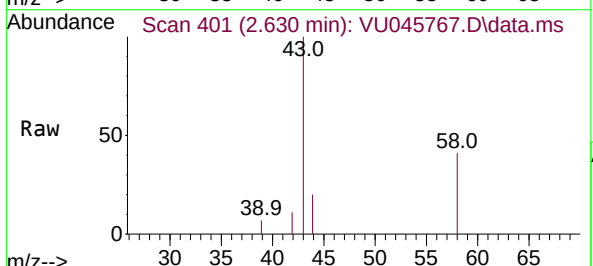


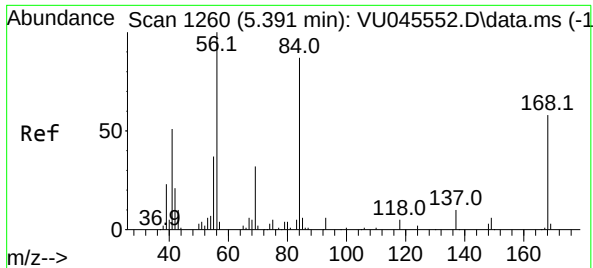
Tgt Ion:168 Resp: 114476
Ion Ratio Lower Upper
168 100
99 64.5 51.0 76.6



#16
Acetone
Concen: 2.968 ug/l
RT: 2.630 min Scan# 401
Delta R.T. 0.007 min
Lab File: VU045767.D
Acq: 12 Nov 2021 14:25

Tgt Ion: 43 Resp: 2590
Ion Ratio Lower Upper
43 100
58 40.9 26.2 39.2#

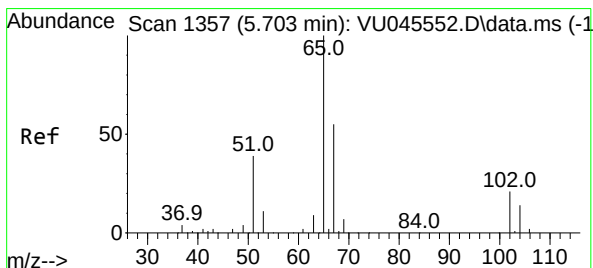
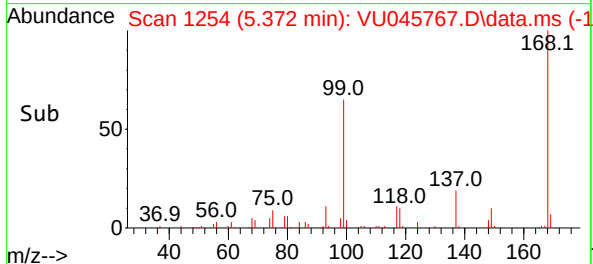
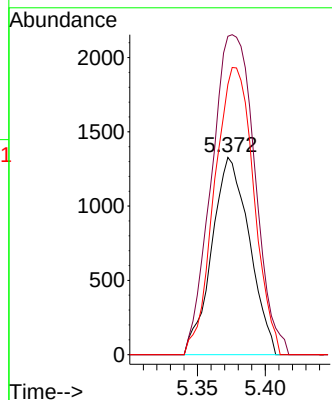
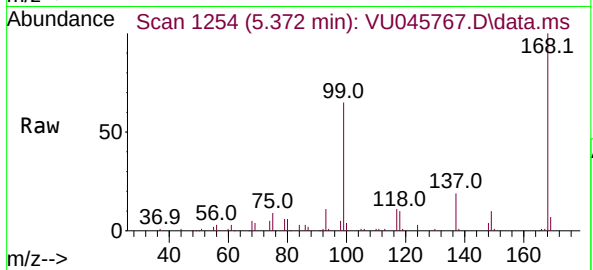




#31
Cyclohexane
Concen: 1.022 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU045767.D
Acq: 12 Nov 2021 14:25

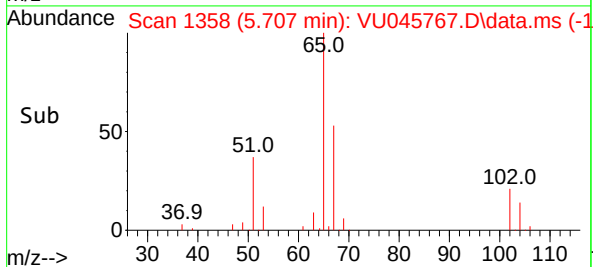
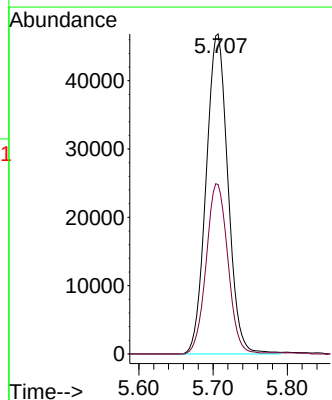
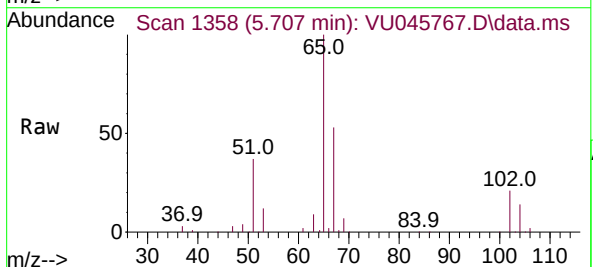
Instrument :
MSVOA_U
ClientSampleId :

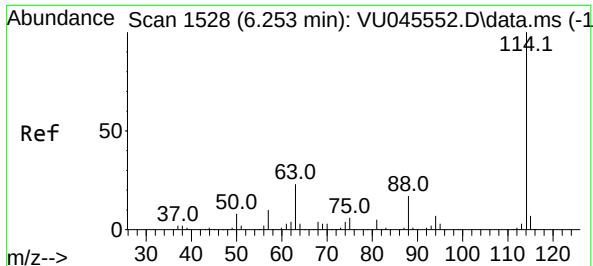
Tgt Ion: 56 Resp: 2556
Ion Ratio Lower Upper
56 100
69 161.4 26.4 39.6#
84 137.0 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 55.736 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045767.D
Acq: 12 Nov 2021 14:25

Tgt Ion: 65 Resp: 95555
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045767.D

Acq: 12 Nov 2021 14:25

Instrument :

MSVOA_U

ClientSampleId :

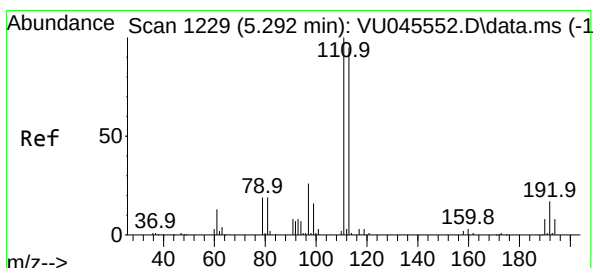
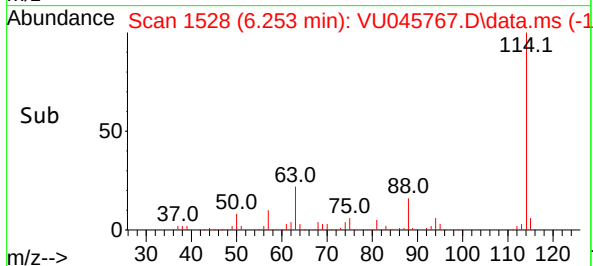
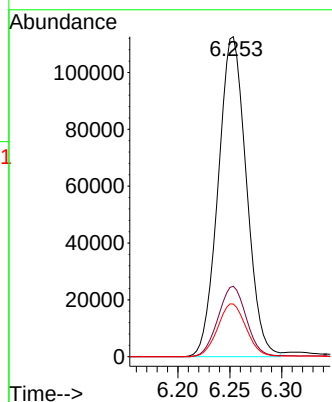
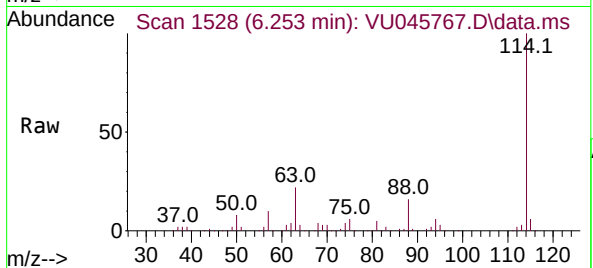
Tgt Ion:114 Resp: 212394

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 16.5 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.829 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045767.D

Acq: 12 Nov 2021 14:25

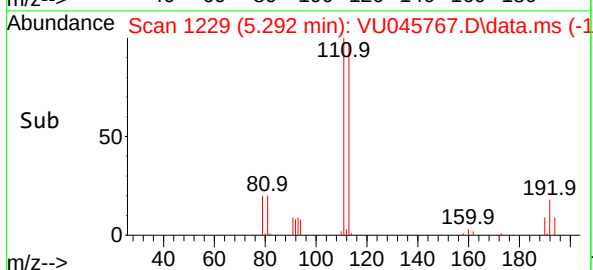
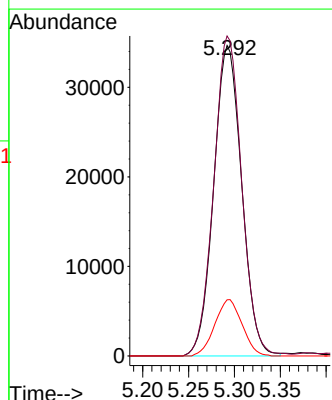
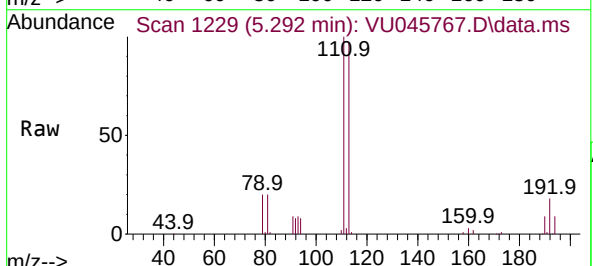
Tgt Ion:113 Resp: 73496

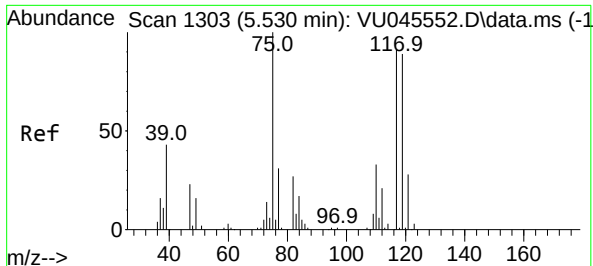
Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 17.7 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.866 ug/l

RT: 5.376 min Scan# 1255

Delta R.T. -0.154 min

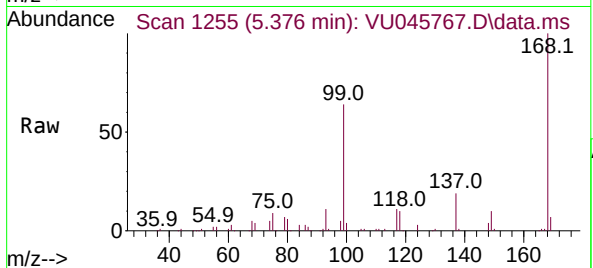
Lab File: VU045767.D

Acq: 12 Nov 2021 14:25

Instrument :

MSVOA_U

ClientSampleId :



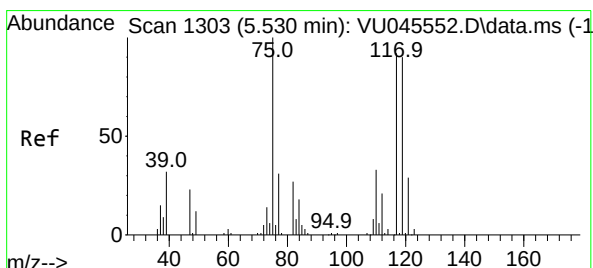
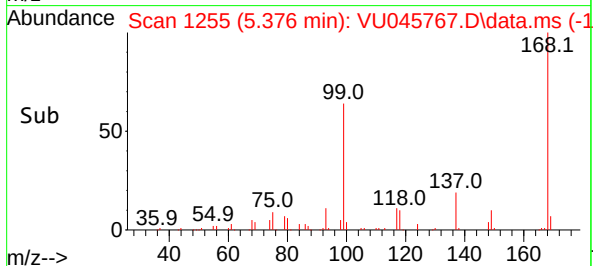
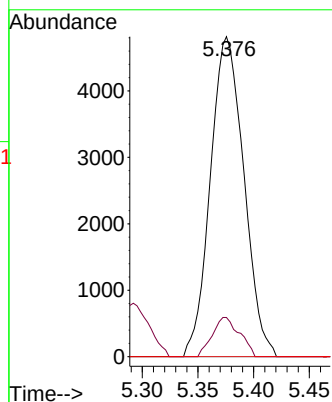
Tgt Ion: 75 Resp: 10077

Ion Ratio Lower Upper

75 100

110 10.0 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.906 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045767.D

Acq: 12 Nov 2021 14:25

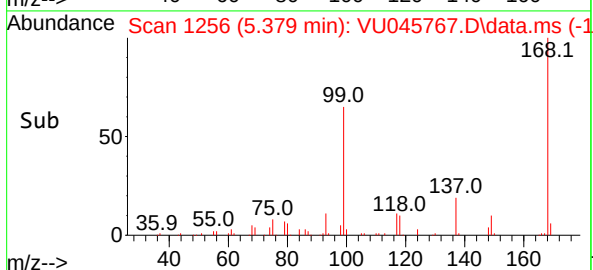
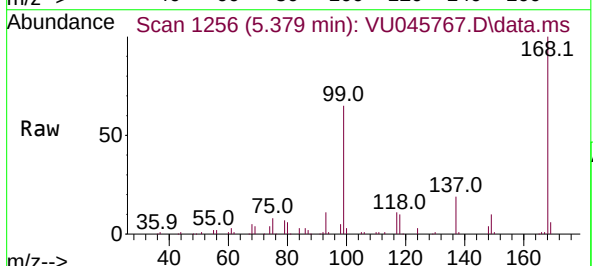
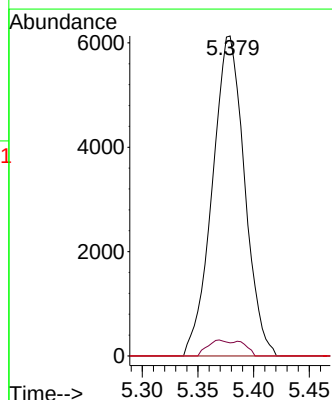
Tgt Ion: 117 Resp: 12332

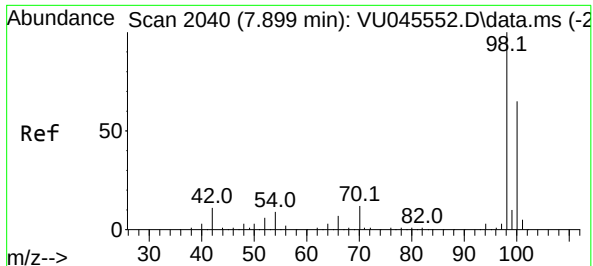
Ion Ratio Lower Upper

117 100

119 4.1 77.4 116.0#

121 0.0 24.8 37.2#

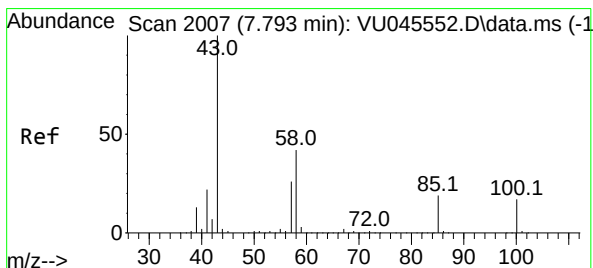
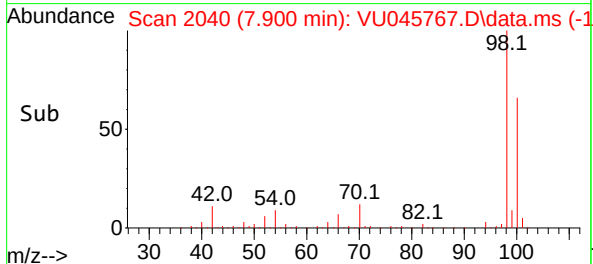
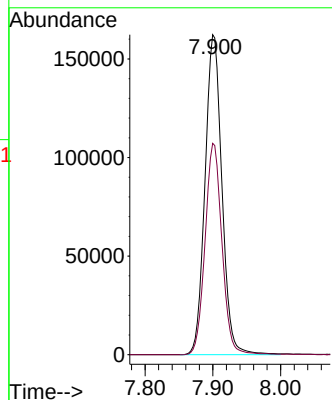
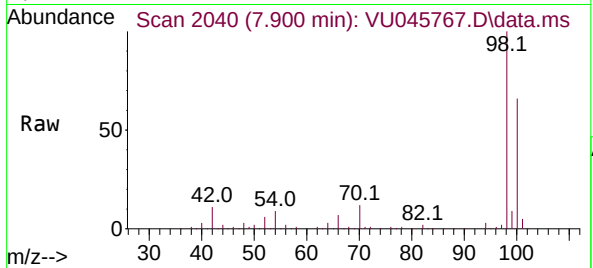




#50
Toluene-d8
Concen: 53.406 ug/l
RT: 7.900 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045767.D
Acq: 12 Nov 2021 14:25

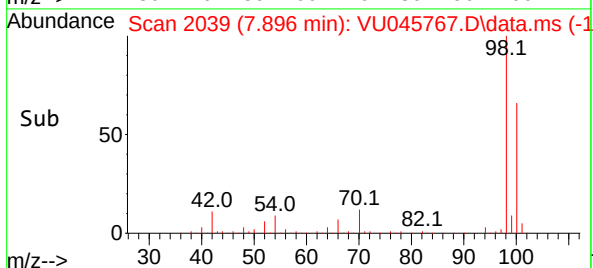
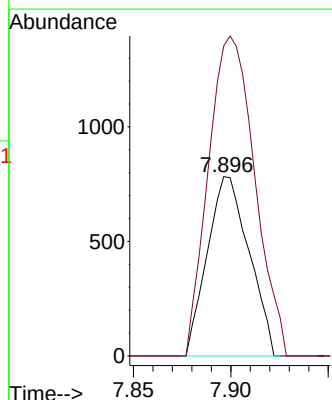
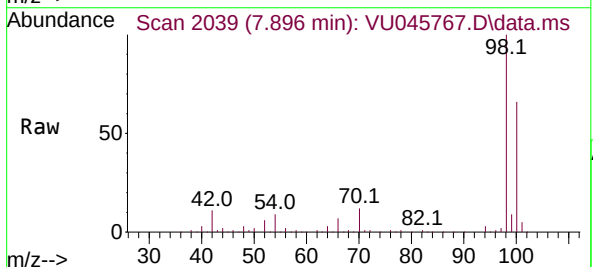
Instrument :
MSVOA_U
ClientSampleId :

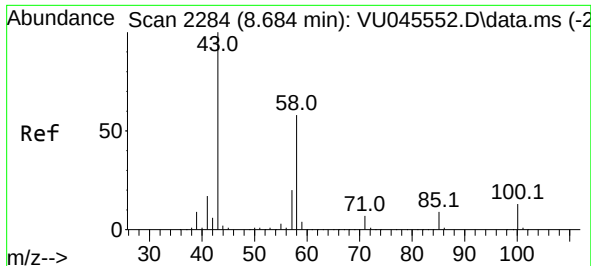
Tgt Ion: 98 Resp: 281607
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.103 min
Lab File: VU045767.D
Acq: 12 Nov 2021 14:25

Tgt Ion: 43 Resp: 1164
Ion Ratio Lower Upper
43 100
58 198.0 33.8 50.8#





#59

2-Hexanone

Concen: 7.585 ug/l

RT: 8.691 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU045767.D

Acq: 12 Nov 2021 14:25

Instrument :

MSVOA_U

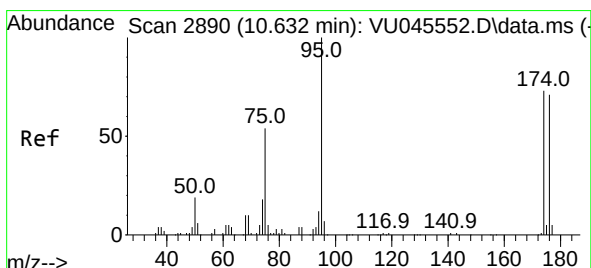
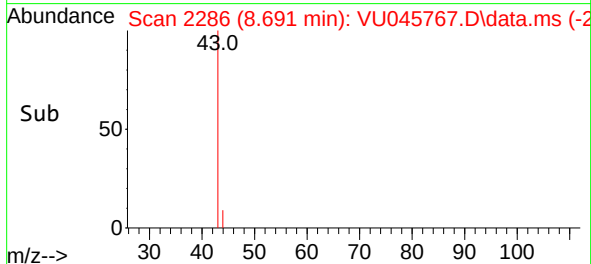
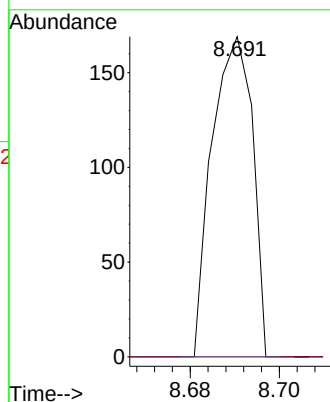
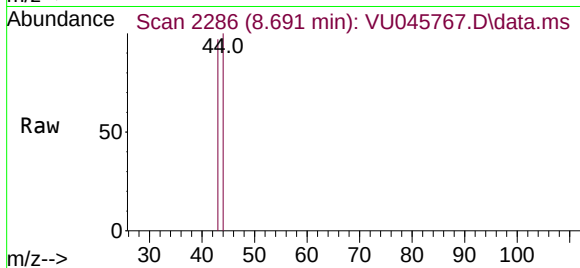
ClientSampleId :

Tgt Ion: 43 Resp: 107

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 50.210 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045767.D

Acq: 12 Nov 2021 14:25

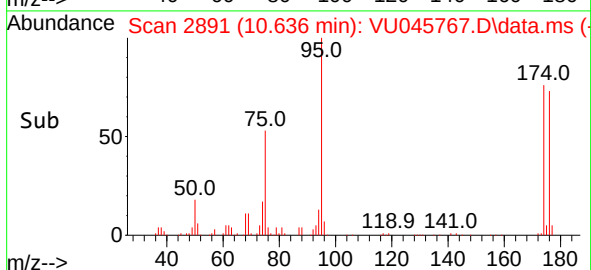
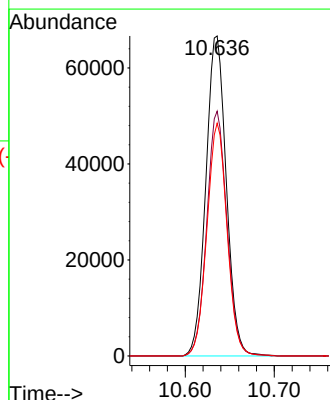
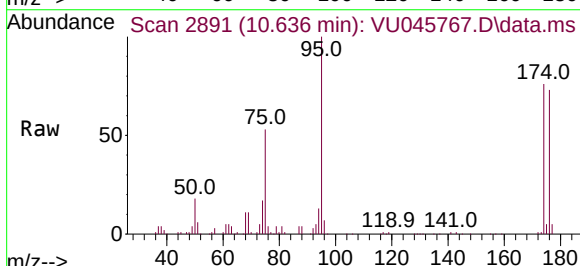
Tgt Ion: 95 Resp: 106167

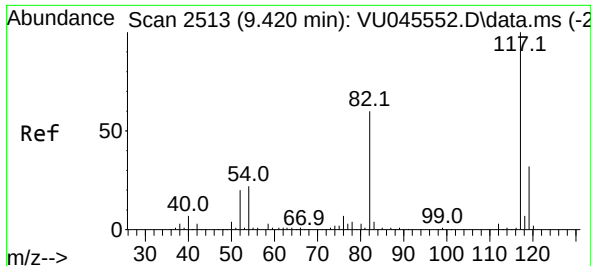
Ion Ratio Lower Upper

95 100

174 75.4 0.0 141.8

176 71.6 0.0 138.2

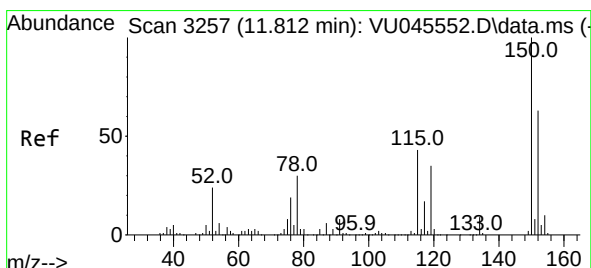
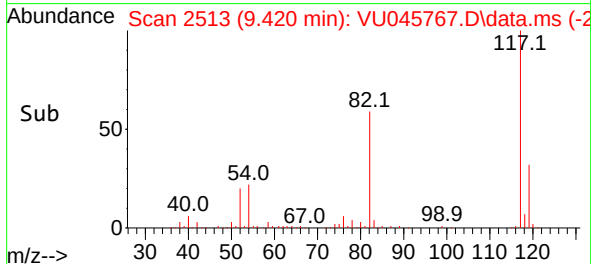
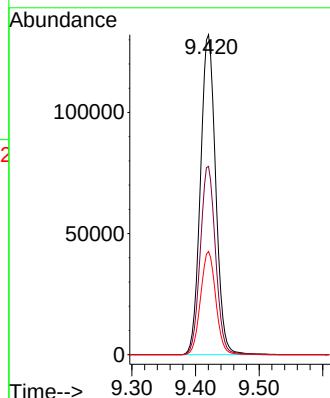
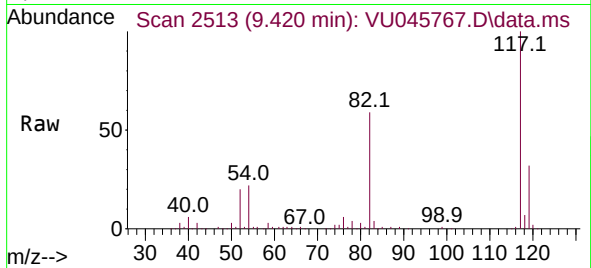




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 219967
Delta R.T. 0.000 min
Lab File: VU045767.D
Acq: 12 Nov 2021 14:25

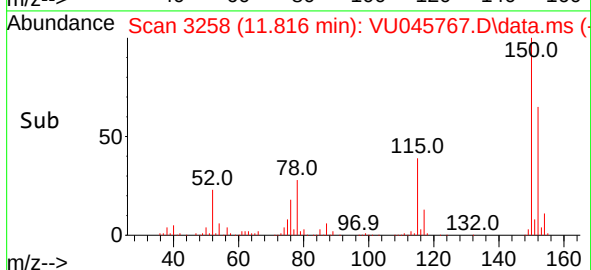
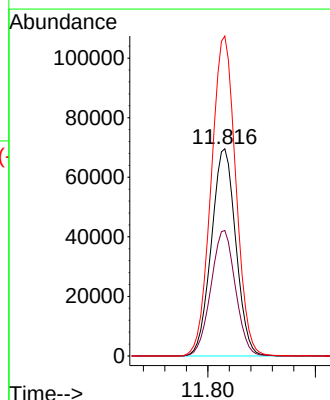
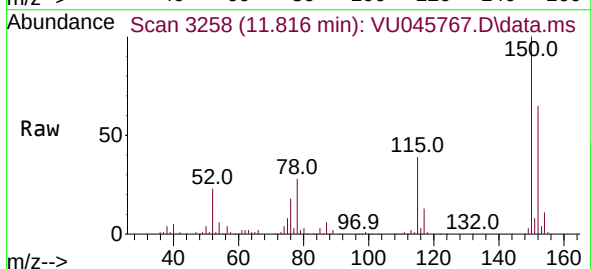
Instrument :
MSVOA_U
ClientSampleId :

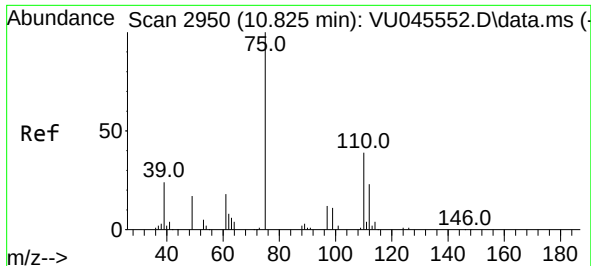
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.8	71.8
119	32.2	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.004 min
Lab File: VU045767.D
Acq: 12 Nov 2021 14:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	42.7	128.1
150	155.5	0.0	346.8

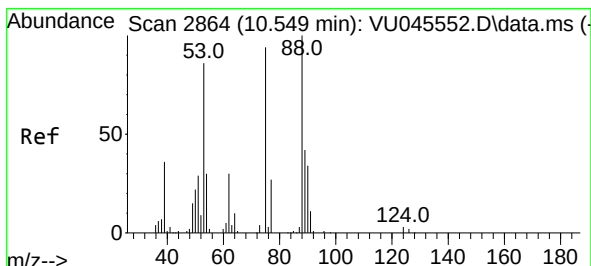
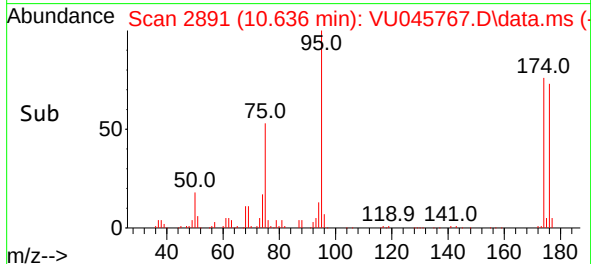
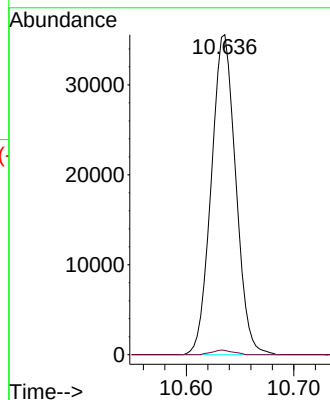
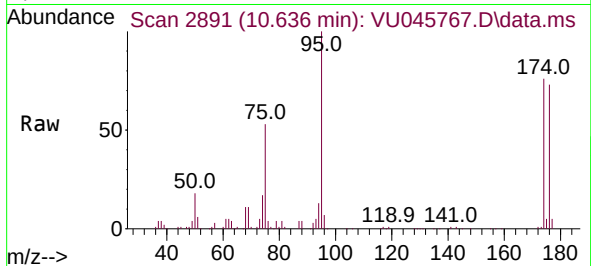




#76
1,2,3-Trichloropropane
Concen: 16.916 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.189 min
Lab File: VU045767.D
Acq: 12 Nov 2021 14:25

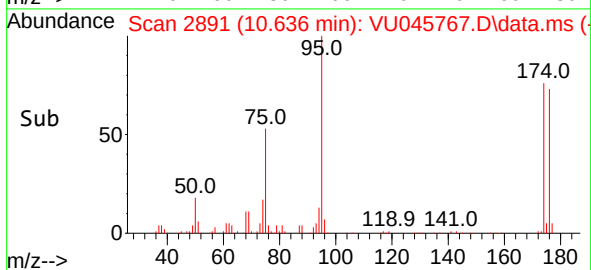
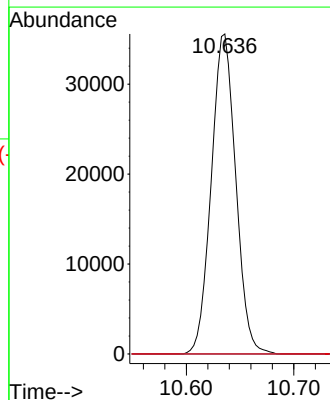
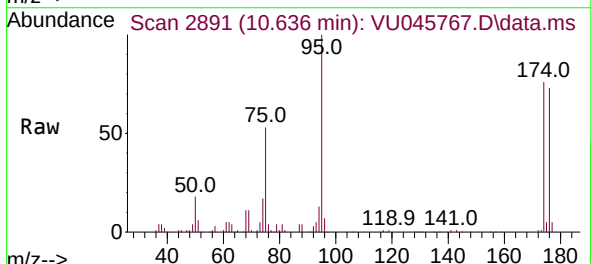
Instrument :
MSVOA_U
ClientSampleId :

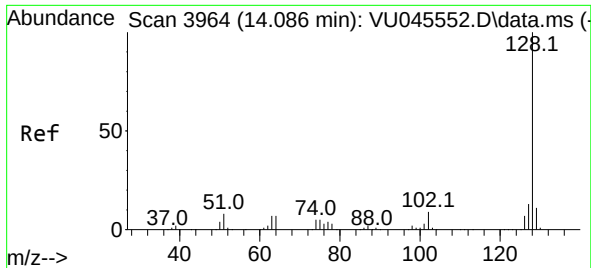
Tgt Ion: 75 Resp: 56302
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.093 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045767.D
Acq: 12 Nov 2021 14:25

Tgt Ion: 75 Resp: 56302
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.060 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

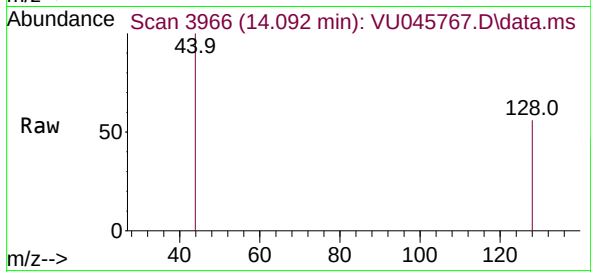
Lab File: VU045767.D

Acq: 12 Nov 2021 14:25

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 280

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

