

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045744.D
 Acq On : 11 Nov 2021 17:23
 Operator : SY/MD
 Sample : M4606-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 06:11:08 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)

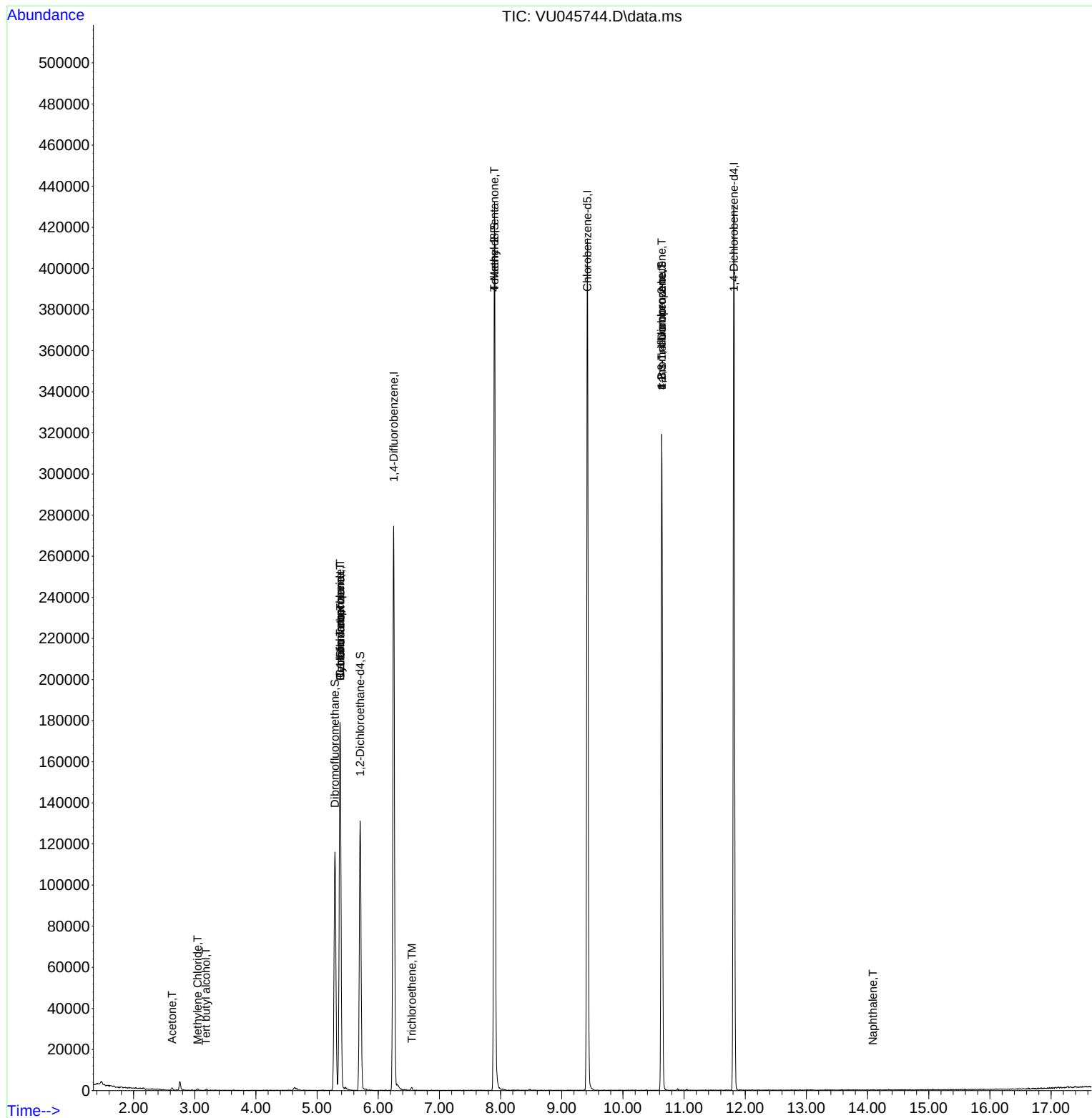
Internal Standards						
1) Pentafluorobenzene	5.378	168	116875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	214099	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	225474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	107937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	97111	55.481	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.960%	
35) Dibromofluoromethane	5.292	113	75891	53.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.180%	
50) Toluene-d8	7.899	98	289792	54.520	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.040%	
62) 4-Bromofluorobenzene	10.636	95	106306	49.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.182	59	108	0.312	ug/l #	72
16) Acetone	2.629	43	1283	1.440	ug/l #	76
20) Methylene Chloride	3.047	84	384	0.248	ug/l #	76
31) Cyclohexane	5.378	56	2603	1.019	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10620	5.087	ug/l #	50
38) Carbon Tetrachloride	5.375	117	13201	6.272	ug/l #	15
44) Trichloroethene	6.549	130	477	0.322	ug/l	97
51) 4-Methyl-2-Pentanone	7.899	43	1161	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	56692	17.320	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	56692	56.335	ug/l #	12
95) Naphthalene	14.086	128	41	1.033	ug/l #	69

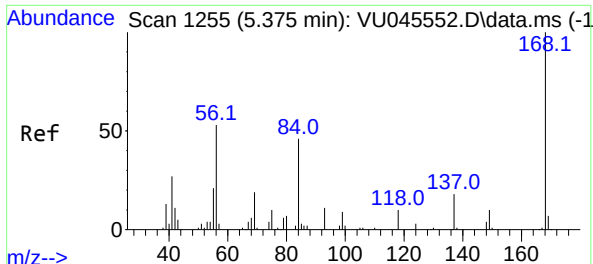
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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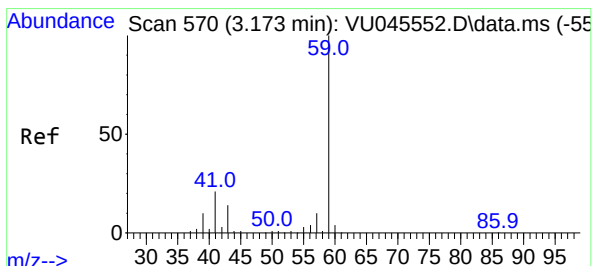
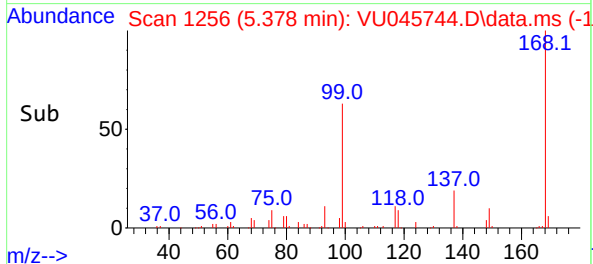
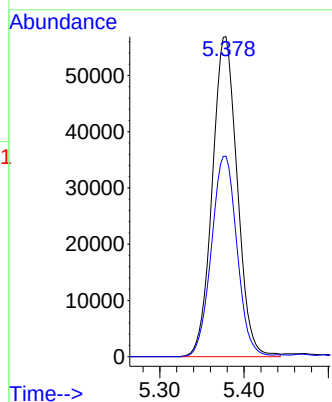
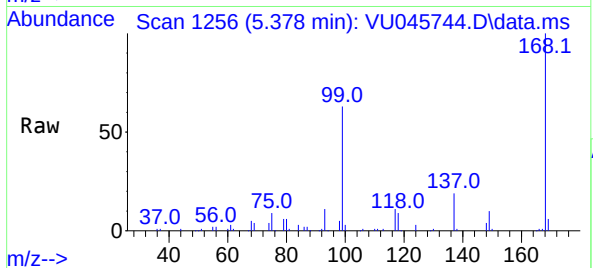




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

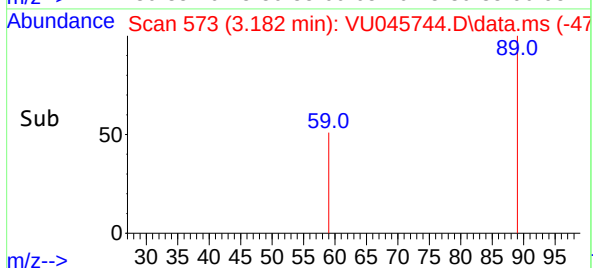
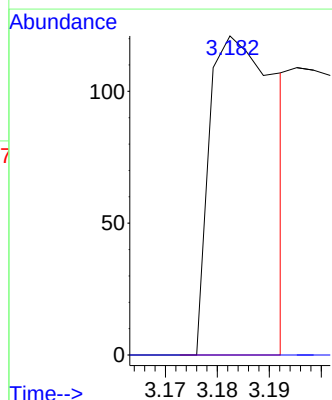
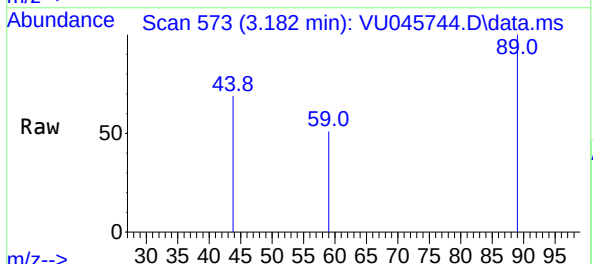
Instrument :
MSVOA_U
ClientSampleId :

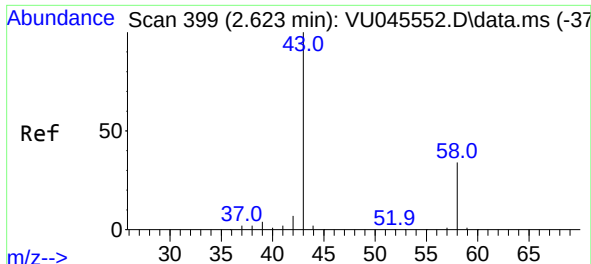
Tgt Ion:168 Resp: 116875
Ion Ratio Lower Upper
168 100
99 62.6 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.312 ug/l
RT: 3.182 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

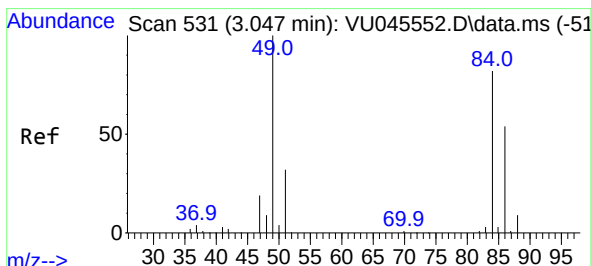
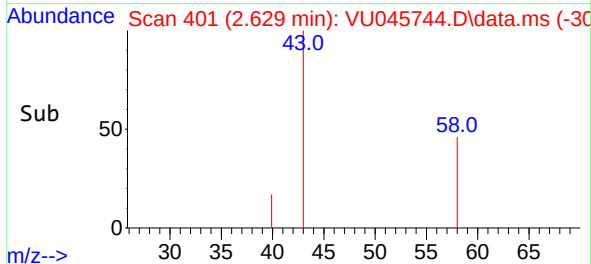
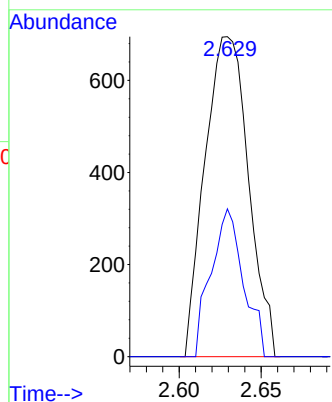
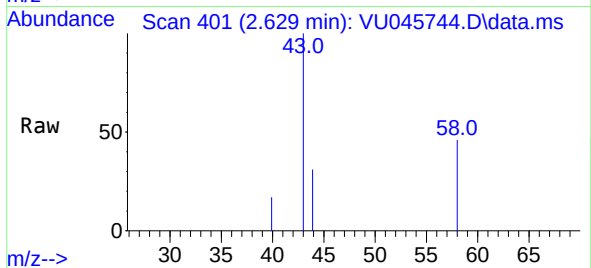




#16
Acetone
Concen: 1.440 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

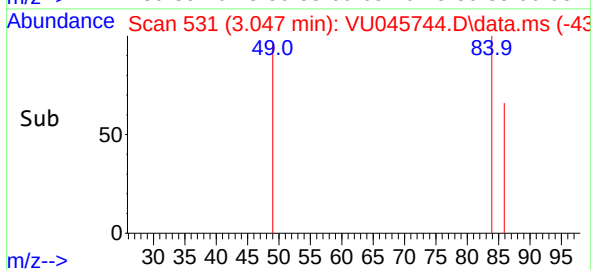
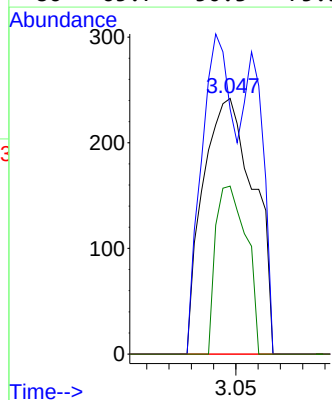
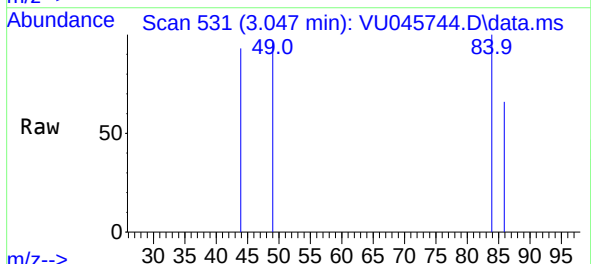
Instrument :
MSVOA_U
ClientSampleId :

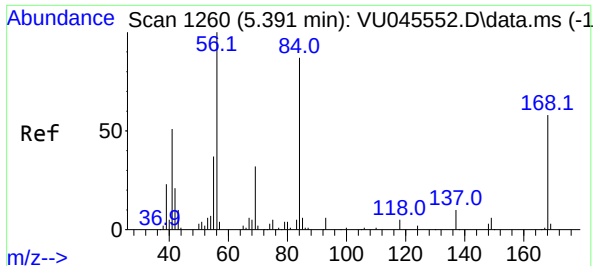
Tgt Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
58 46.2 26.2 39.2#



#20
Methylene Chloride
Concen: 0.248 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

Tgt Ion: 84 Resp: 384
Ion Ratio Lower Upper
84 100
49 95.9 96.4 144.6#
51 0.0 30.5 45.7#
86 65.7 50.3 75.5





#31

Cyclohexane

Concen: 1.019 ug/l

RT: 5.378 min Scan# 11

Delta R.T. -0.013 min

Lab File: VU045744.D

Acq: 11 Nov 2021 17:23

Instrument :

MSVOA_U

ClientSampleId :

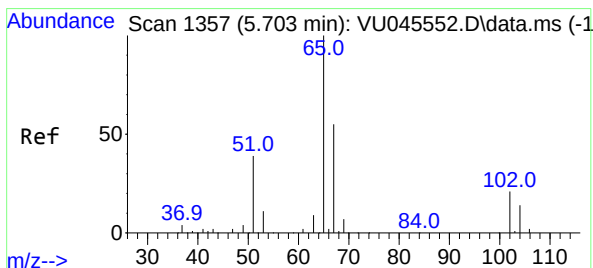
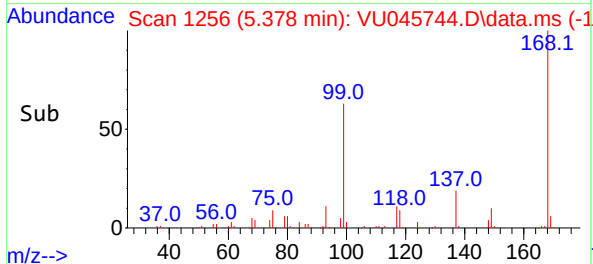
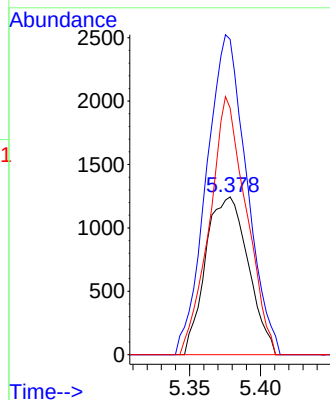
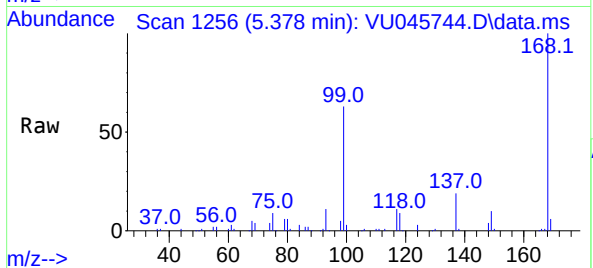
Tgt Ion: 56 Resp: 2603

Ion Ratio Lower Upper

56 100

69 200.0 26.4 39.6#

84 156.4 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 55.481 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. -0.000 min

Lab File: VU045744.D

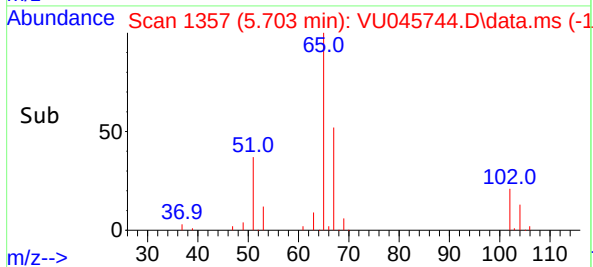
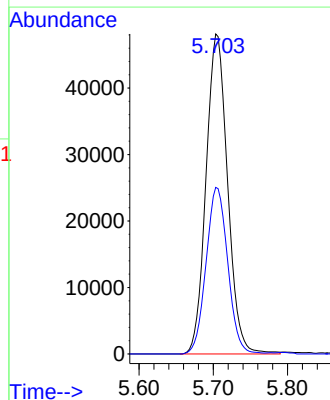
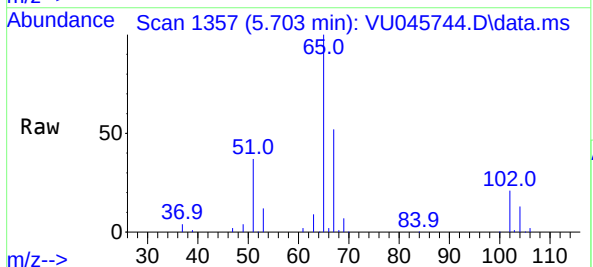
Acq: 11 Nov 2021 17:23

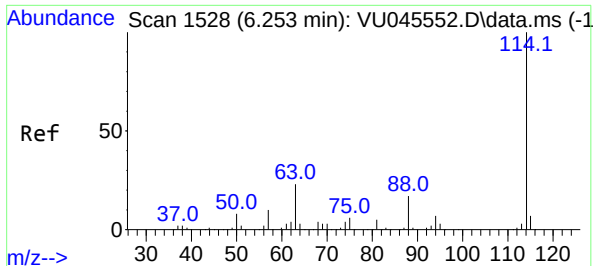
Tgt Ion: 65 Resp: 97111

Ion Ratio Lower Upper

65 100

67 52.2 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: VU045744.D

Acq: 11 Nov 2021 17:23

Instrument :

MSVOA_U

ClientSampleId :

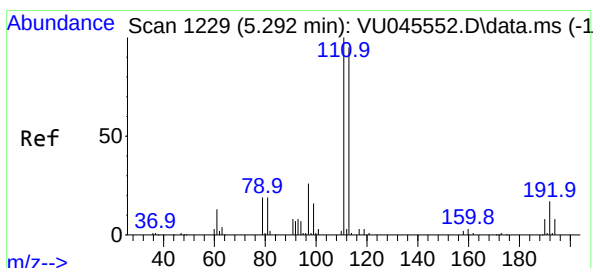
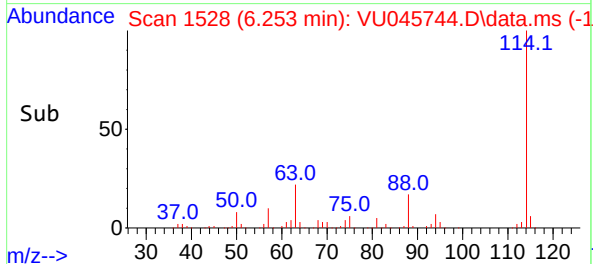
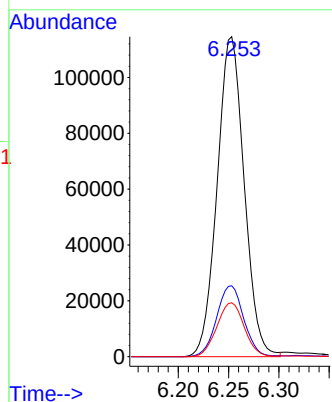
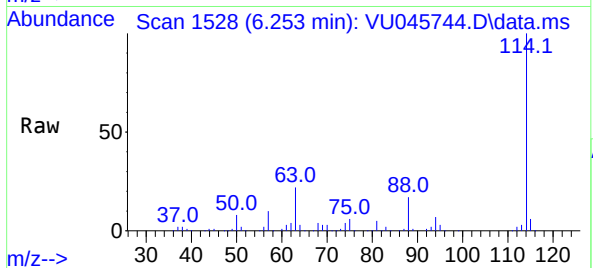
Tgt Ion:114 Resp: 214099

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 53.092 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045744.D

Acq: 11 Nov 2021 17:23

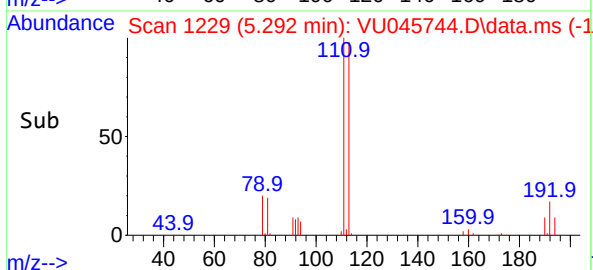
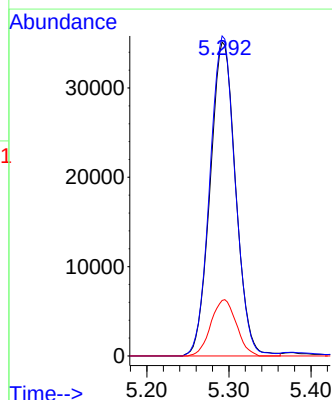
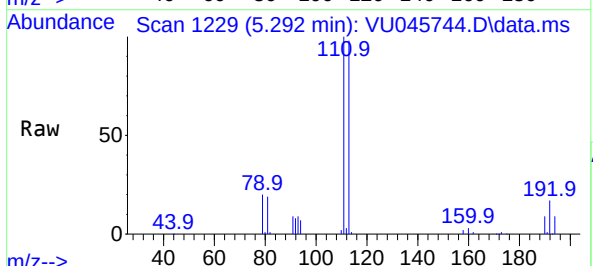
Tgt Ion:113 Resp: 75891

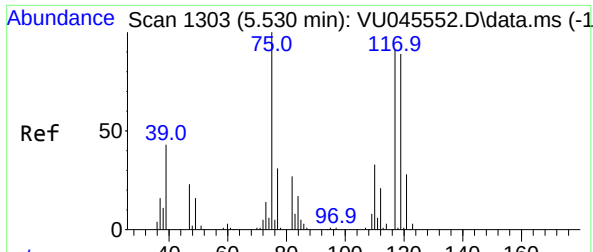
Ion Ratio Lower Upper

113 100

111 101.6 82.8 124.2

192 17.9 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.087 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

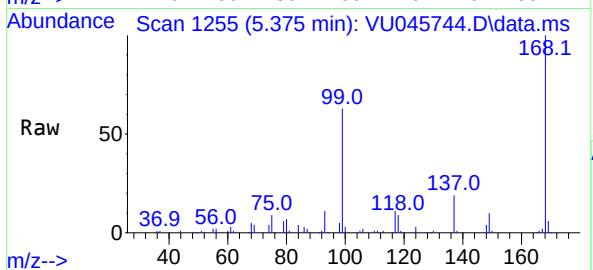
Lab File: VU045744.D

Acq: 11 Nov 2021 17:23

Instrument :

MSVOA_U

ClientSampleId :



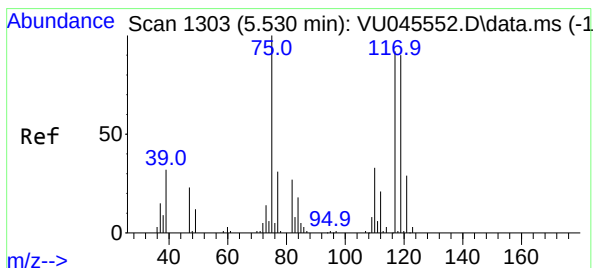
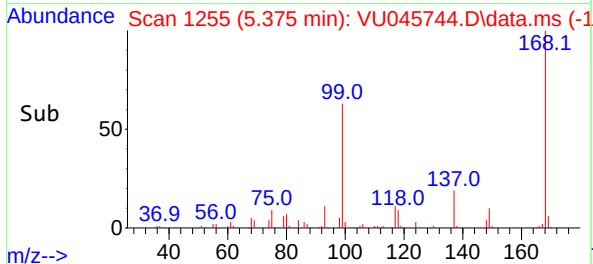
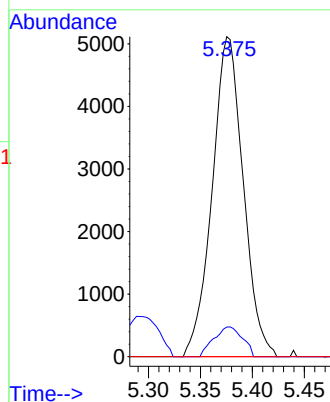
Tgt Ion: 75 Resp: 10620

Ion Ratio Lower Upper

75 100

110 8.6 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.272 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045744.D

Acq: 11 Nov 2021 17:23

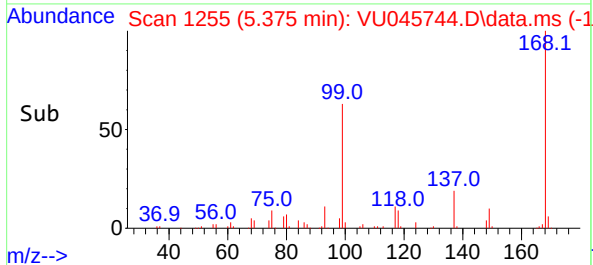
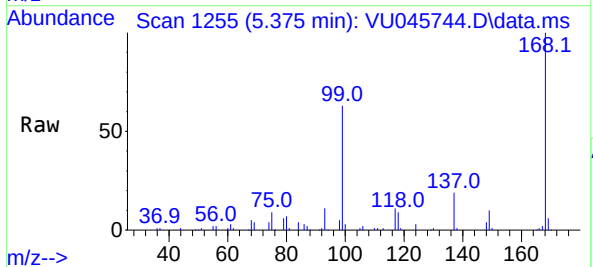
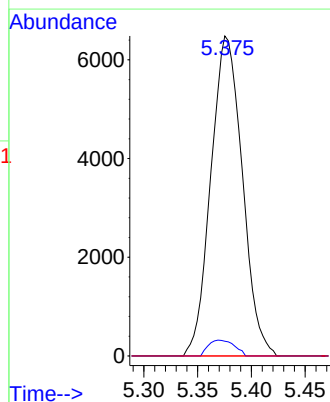
Tgt Ion: 117 Resp: 13201

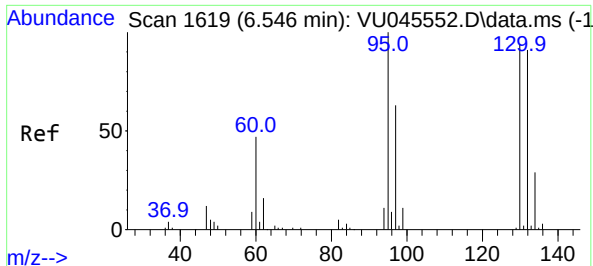
Ion Ratio Lower Upper

117 100

119 4.6 77.4 116.0#

121 0.0 24.8 37.2#

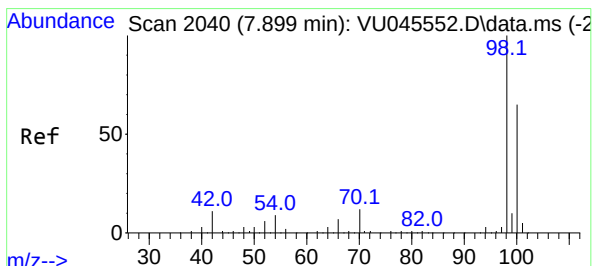
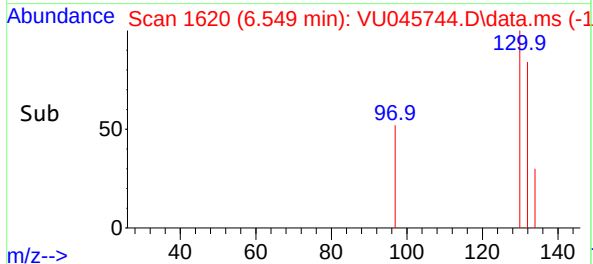
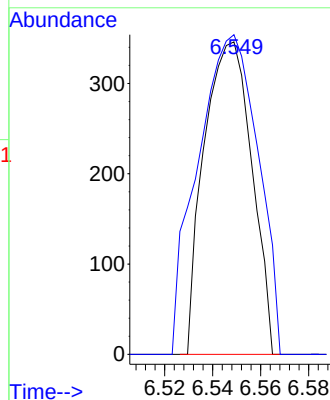
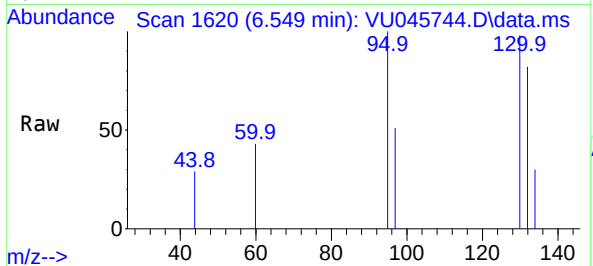




#44
Trichloroethene
Concen: 0.322 ug/l
RT: 6.549 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

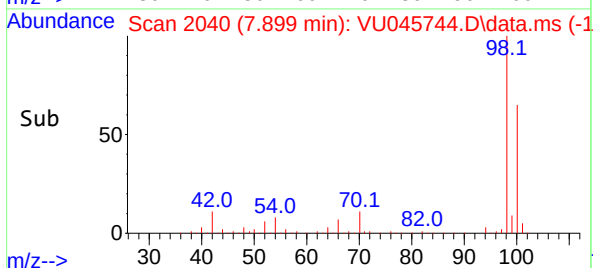
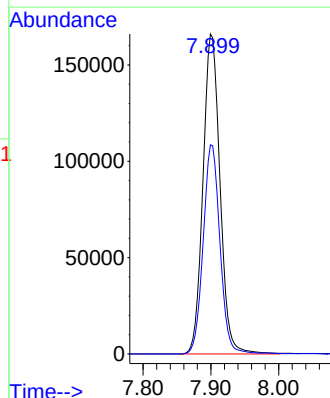
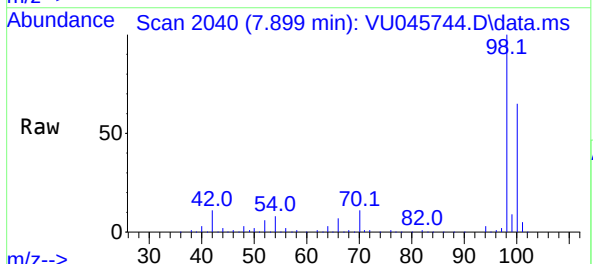
Instrument :
MSVOA_U
ClientSampleId :

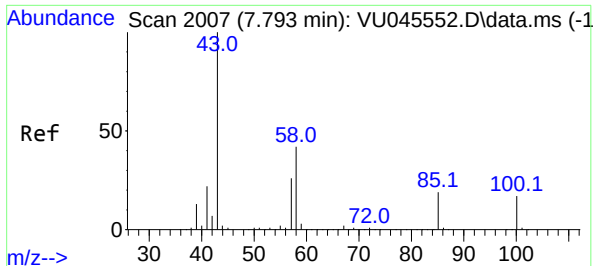
Tgt Ion:130 Resp: 477
Ion Ratio Lower Upper
130 100
95 102.3 0.0 211.4



#50
Toluene-d8
Concen: 54.520 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

Tgt Ion: 98 Resp: 289792
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7

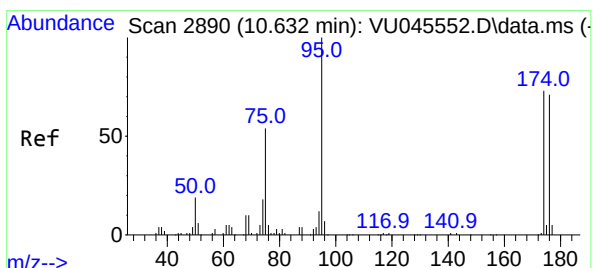
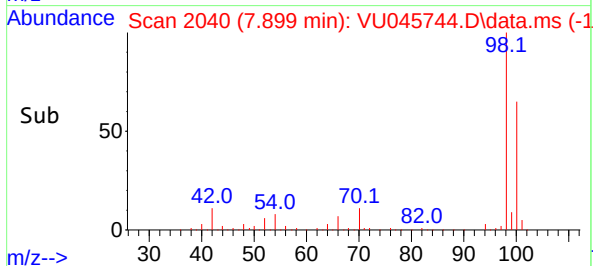
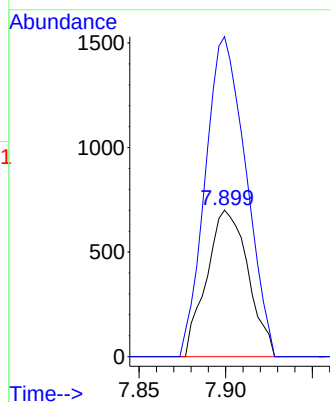
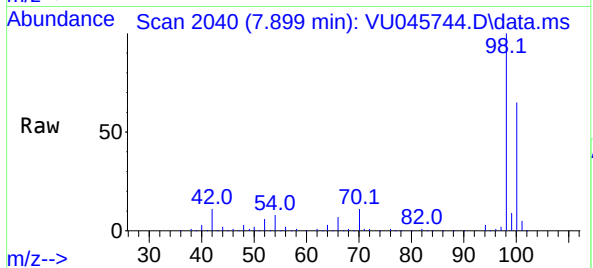




#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

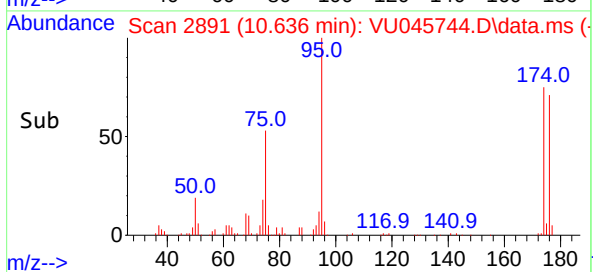
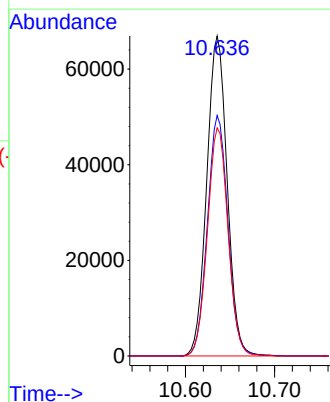
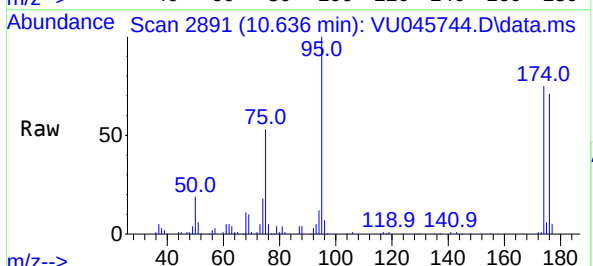
Instrument :
MSVOA_U
ClientSampleId :

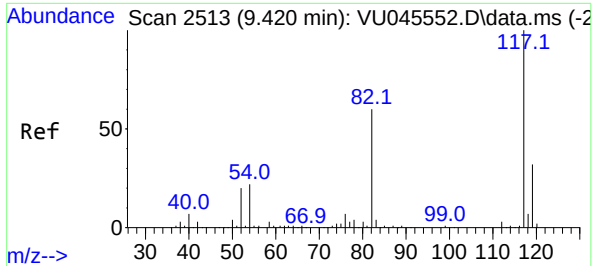
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 214.3 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 49.876 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

Tgt Ion: 95 Resp: 106306
Ion Ratio Lower Upper
95 100
174 75.8 0.0 141.8
176 71.8 0.0 138.2

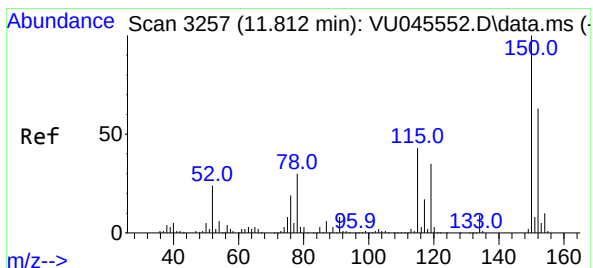
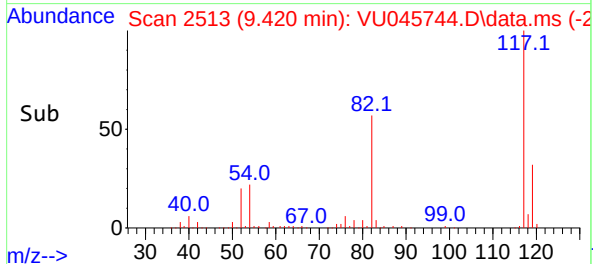
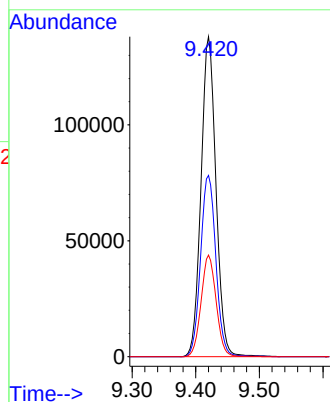
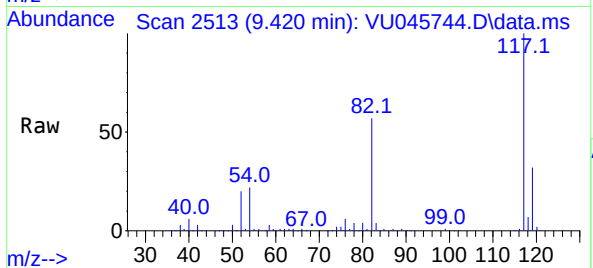




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

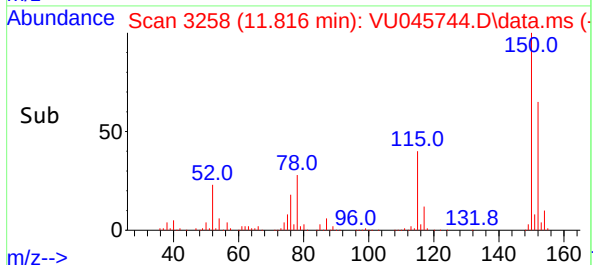
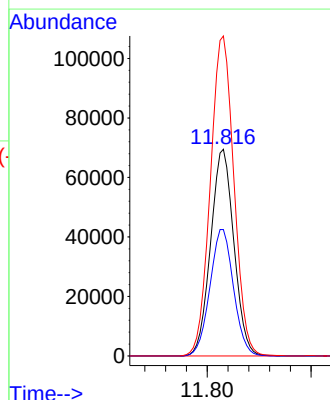
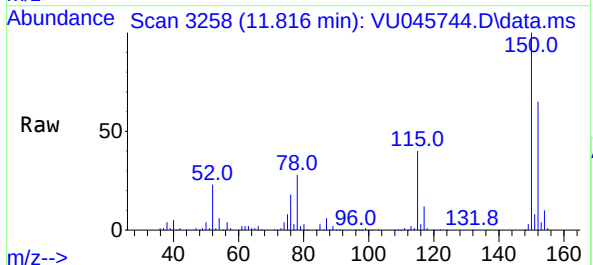
Instrument :
MSVOA_U
ClientSampleId :

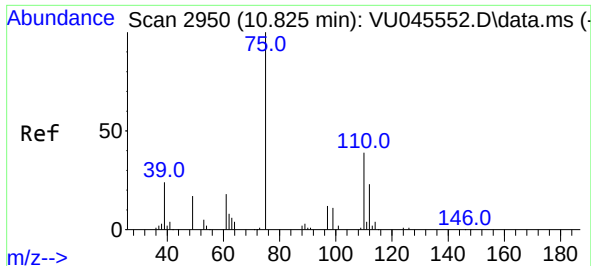
Tgt Ion:117 Resp: 225474
Ion Ratio Lower Upper
117 100
82 56.6 47.8 71.8
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

Tgt Ion:152 Resp: 107937
Ion Ratio Lower Upper
152 100
115 62.0 42.7 128.1
150 156.6 0.0 346.8

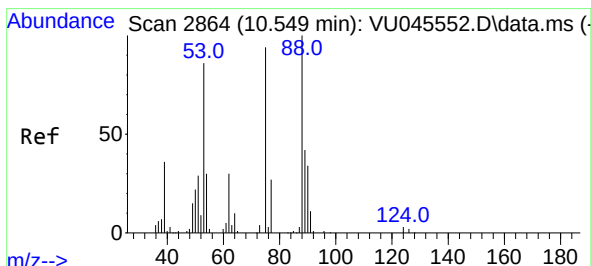
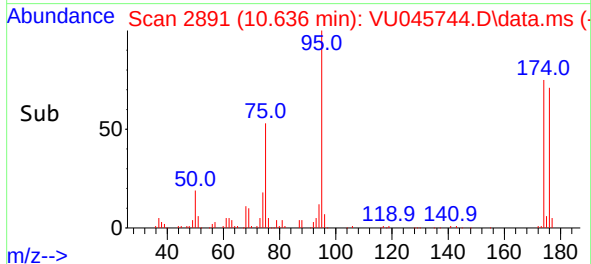
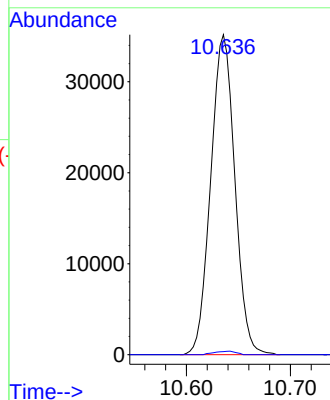
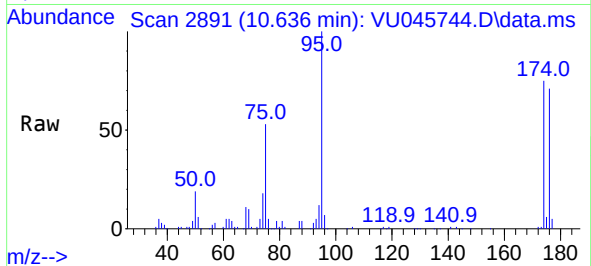




#76
1,2,3-Trichloropropane
Concen: 17.320 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

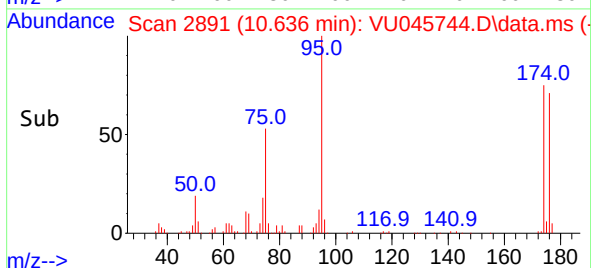
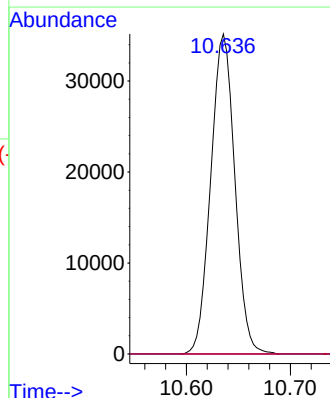
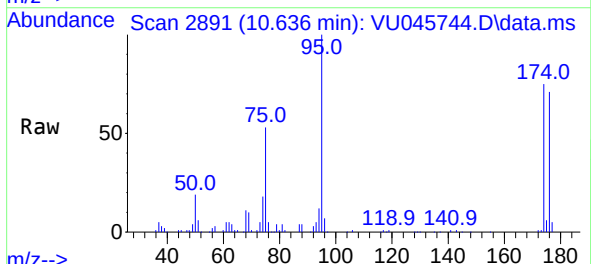
Instrument :
MSVOA_U
ClientSampleId :

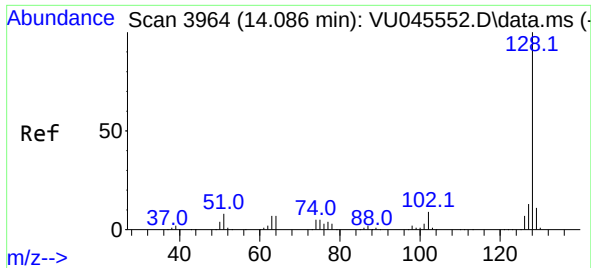
Tgt Ion: 75 Resp: 56692
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.335 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045744.D
Acq: 11 Nov 2021 17:23

Tgt Ion: 75 Resp: 56692
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.033 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

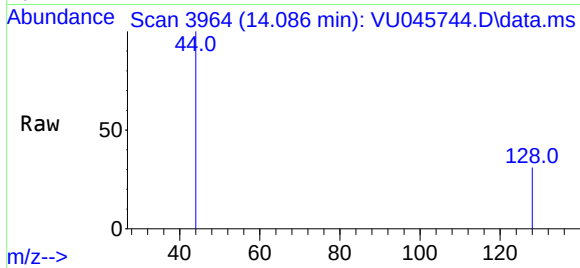
Lab File: VU045744.D

Acq: 11 Nov 2021 17:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 41

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

