

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045709.D
 Acq On : 11 Nov 2021 00:13
 Operator : SY/MD
 Sample : M4594-07DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 02:35:11 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)

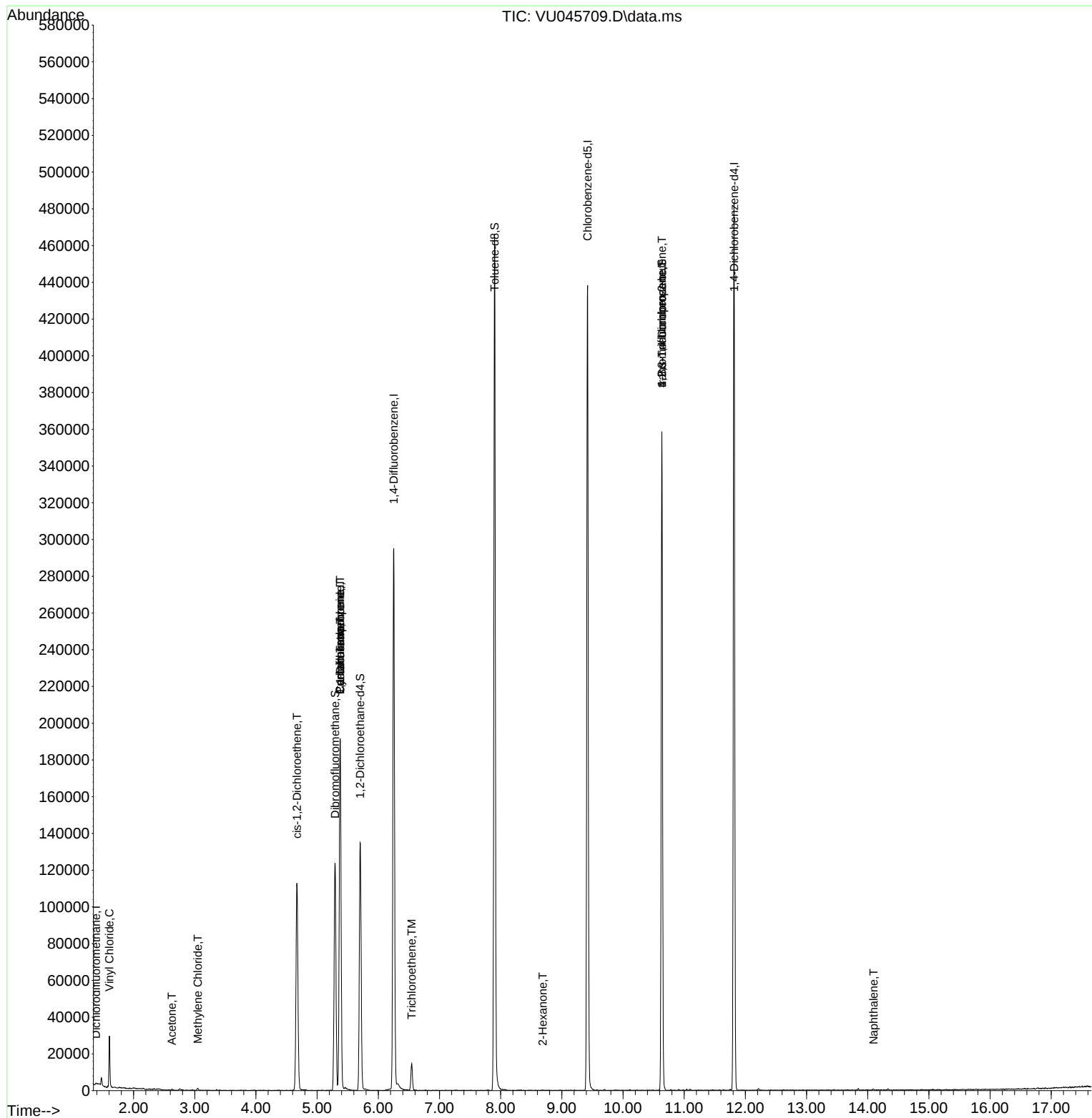
Internal Standards						
1) Pentafluorobenzene	5.375	168	126290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	232020	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	241557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	120361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	101281	53.550	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.100%	
35) Dibromofluoromethane	5.292	113	79451	51.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.580%	
50) Toluene-d8	7.899	98	307120	53.317	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	10.636	95	118024	51.097	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	457	0.279	ug/l #	64
4) Vinyl Chloride	1.604	62	18239	9.994	ug/l	100
16) Acetone	2.623	43	616	0.640	ug/l #	42
20) Methylene Chloride	3.047	84	527	0.315	ug/l #	80
27) cis-1,2-Dichloroethene	4.671	96	58708	34.580	ug/l	90
31) Cyclohexane	5.375	56	2841	1.029	ug/l #	8
36) 1,1-Dichloropropene	5.375	75	11390	5.035	ug/l #	49
38) Carbon Tetrachloride	5.375	117	13771	6.038	ug/l #	16
44) Trichloroethene	6.546	130	4797	2.992	ug/l	96
59) 2-Hexanone	8.687	43	225	7.631	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	61945	16.971	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	61945	55.261	ug/l #	12
95) Naphthalene	14.095	128	695	1.099	ug/l #	69

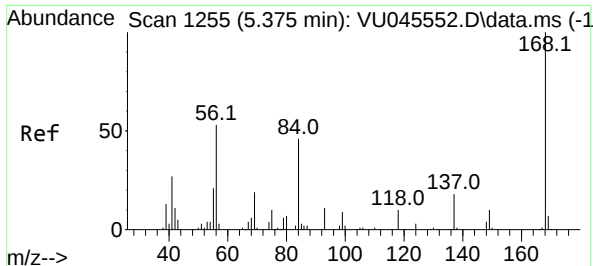
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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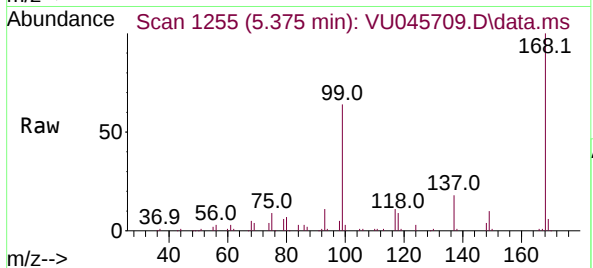
Quant Time: Nov 11 02:35:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



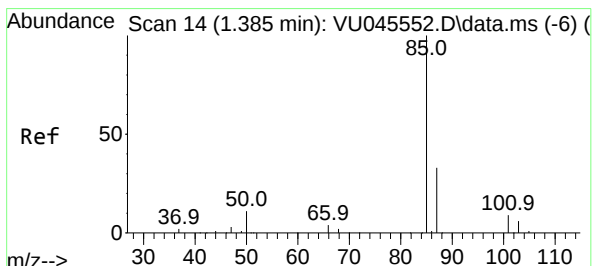
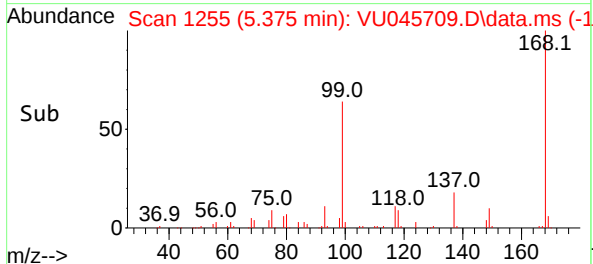
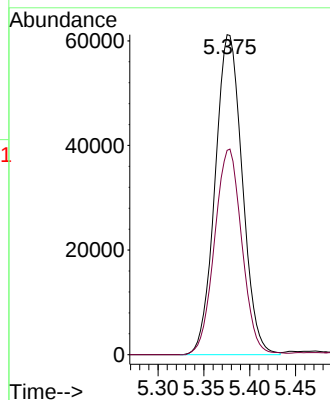


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045709.D
Acq: 11 Nov 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :

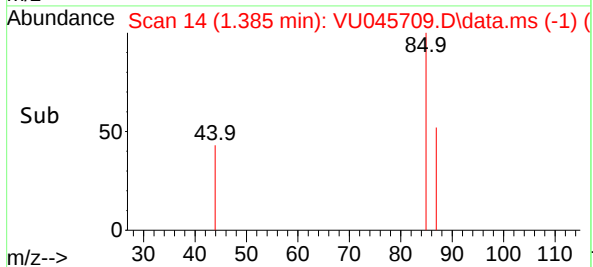
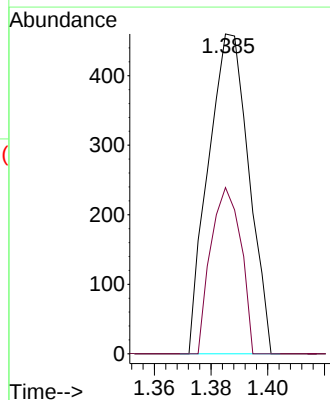
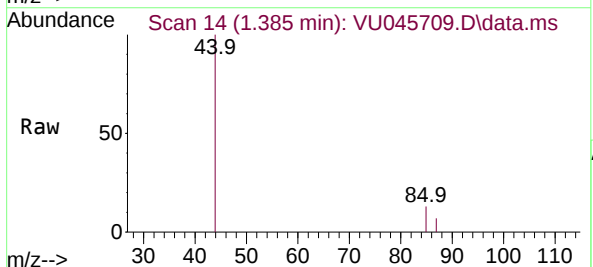


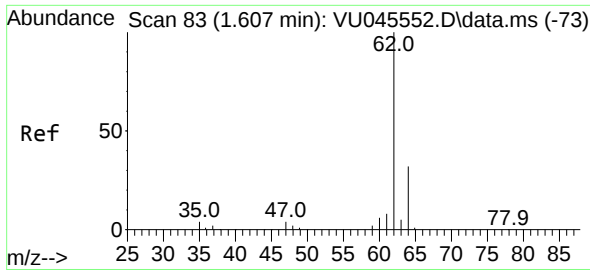
Tgt Ion:168 Resp: 126290
Ion Ratio Lower Upper
168 100
99 63.8 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.279 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045709.D
Acq: 11 Nov 2021 00:13

Tgt Ion: 85 Resp: 457
Ion Ratio Lower Upper
85 100
87 52.0 15.9 47.7#

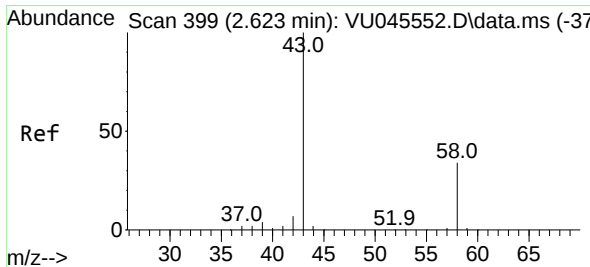
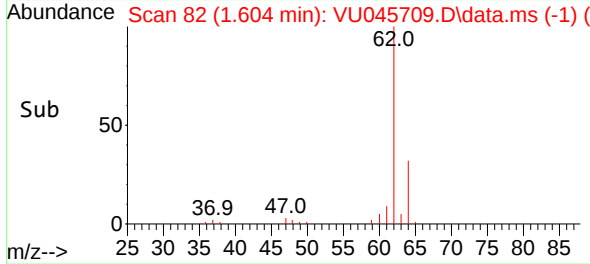
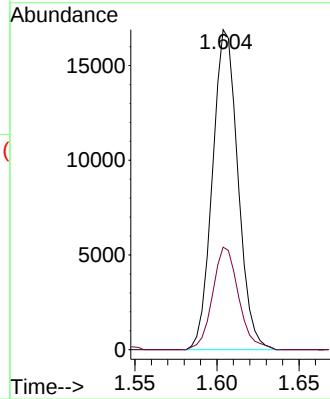
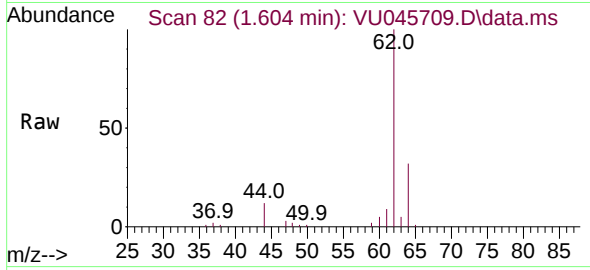




#4
 Vinyl Chloride
 Concen: 9.994 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045709.D
 Acq: 11 Nov 2021 00:13

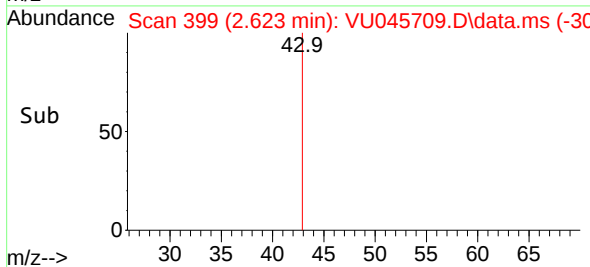
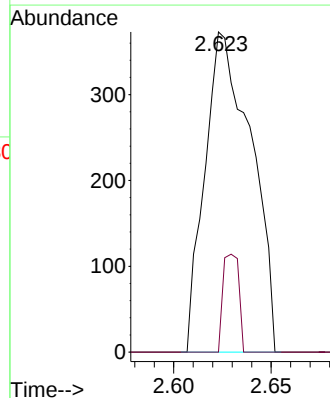
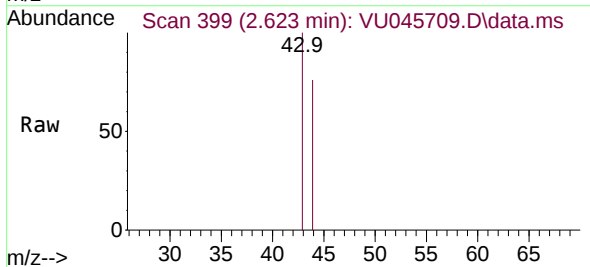
Instrument :
 MSVOA_U
 ClientSampleId :

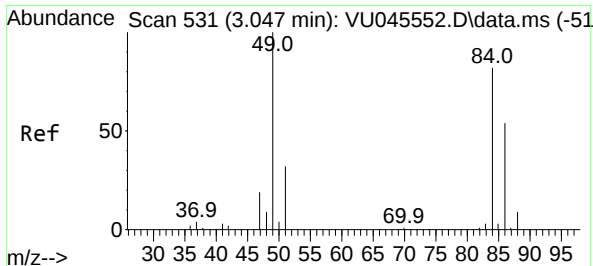
Tgt Ion: 62 Resp: 18239
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.8 38.6



#16
 Acetone
 Concen: 0.640 ug/l
 RT: 2.623 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU045709.D
 Acq: 11 Nov 2021 00:13

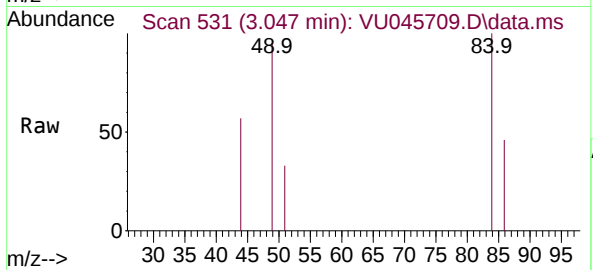
Tgt Ion: 43 Resp: 616
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.2 39.2#



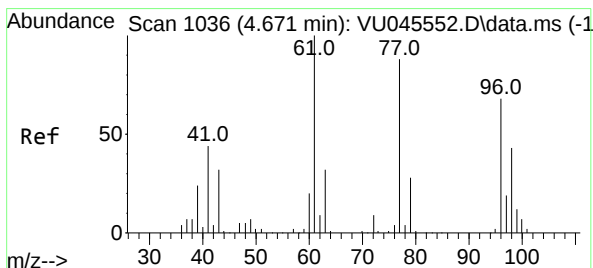
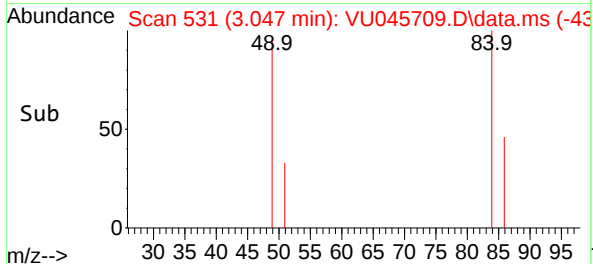
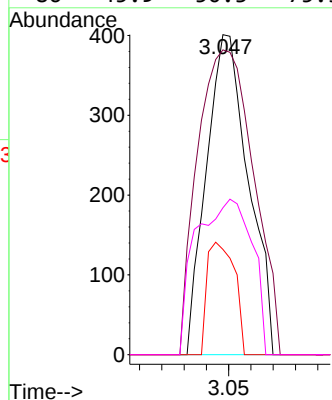


#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045709.D
Acq: 11 Nov 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :

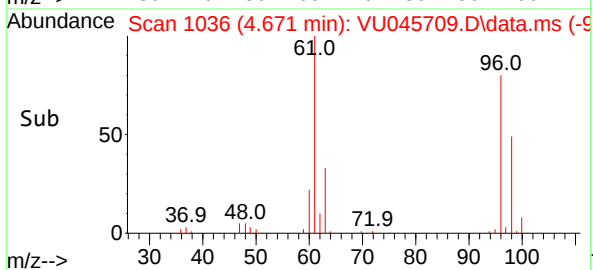
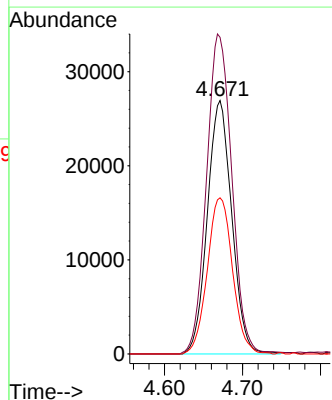
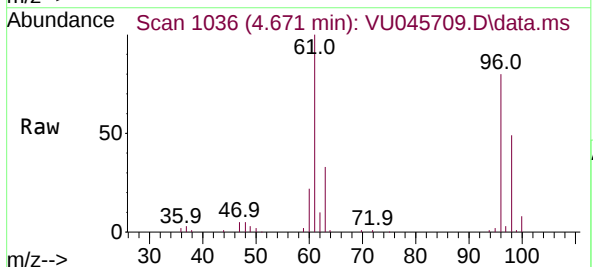


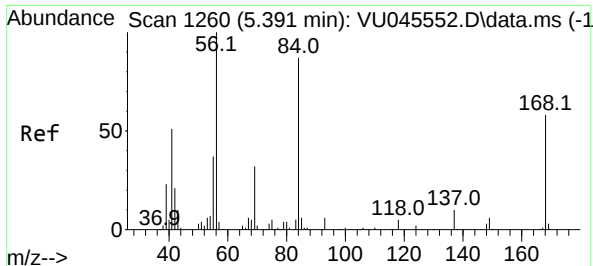
Tgt Ion: 84	Resp: 527
Ion Ratio	Lower Upper
84 100	
49 95.3	96.4 144.6#
51 32.9	30.5 45.7
86 45.9	50.3 75.5#



#27
cis-1,2-Dichloroethene
Concen: 34.580 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045709.D
Acq: 11 Nov 2021 00:13

Tgt Ion: 96	Resp: 58708		
Ion Ratio	Lower	Upper	
96 100			
61 131.2	0.0	299.2	
98 63.6	0.0	127.6	





#31

Cyclohexane

Concen: 1.029 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

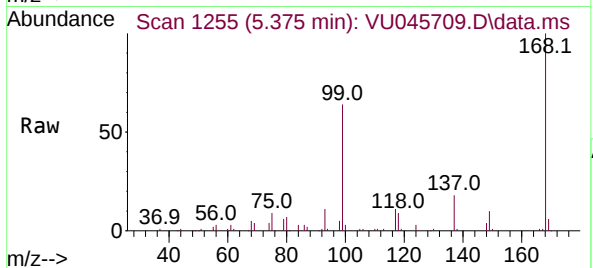
Lab File: VU045709.D

Acq: 11 Nov 2021 00:13

Instrument :

MSVOA_U

ClientSampleId :



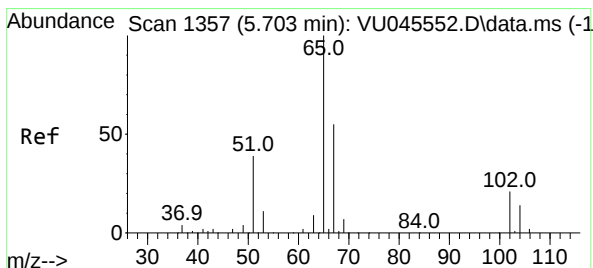
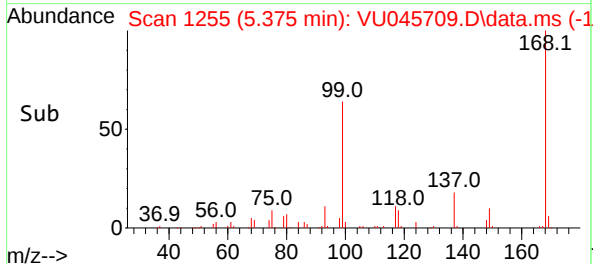
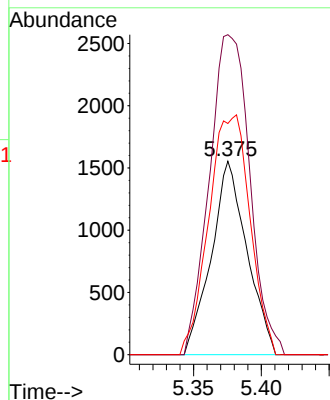
Tgt Ion: 56 Resp: 2841

Ion Ratio Lower Upper

56 100

69 165.4 26.4 39.6#

84 119.6 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 53.550 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VU045709.D

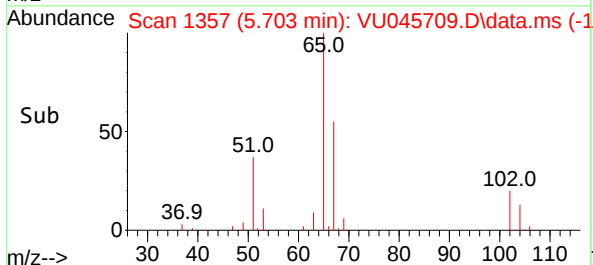
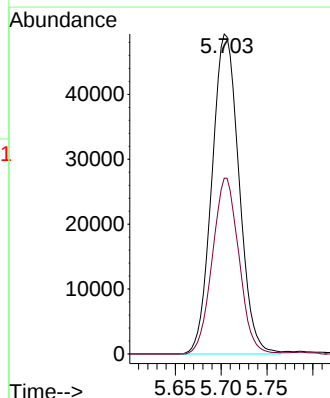
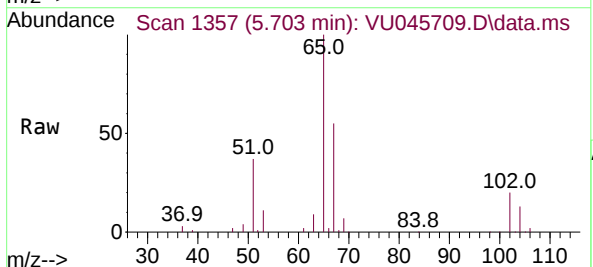
Acq: 11 Nov 2021 00:13

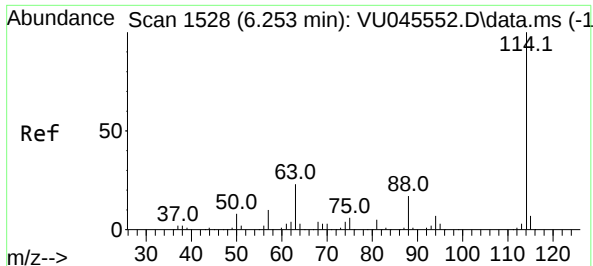
Tgt Ion: 65 Resp: 101281

Ion Ratio Lower Upper

65 100

67 53.9 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: VU045709.D

Acq: 11 Nov 2021 00:13

Instrument :

MSVOA_U

ClientSampleId :

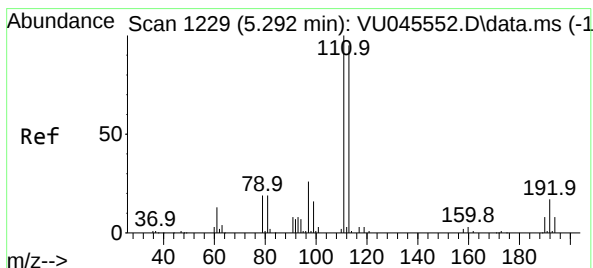
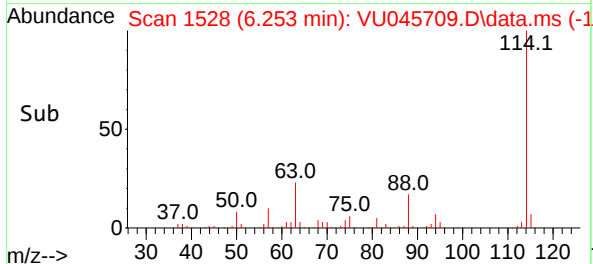
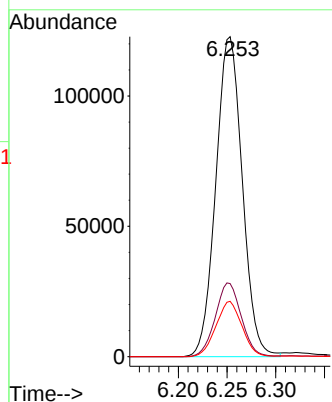
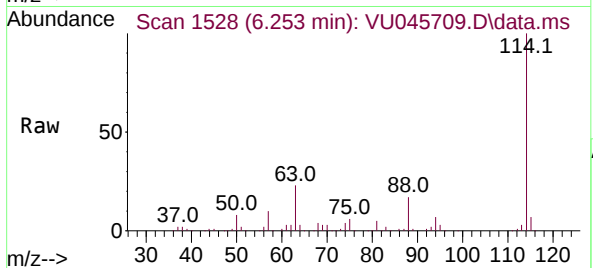
Tgt Ion:114 Resp: 232020

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 17.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.289 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045709.D

Acq: 11 Nov 2021 00:13

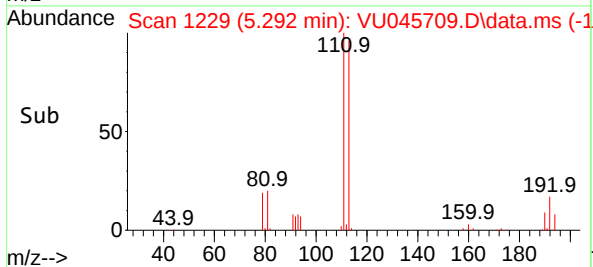
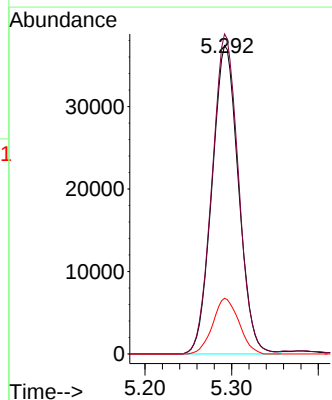
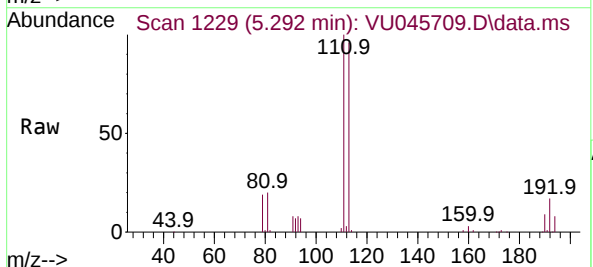
Tgt Ion:113 Resp: 79451

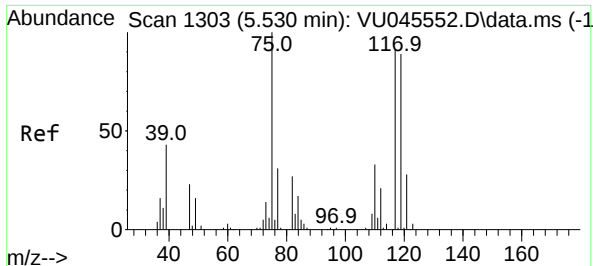
Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 17.8 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.035 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045709.D

Acq: 11 Nov 2021 00:13

Instrument :

MSVOA_U

ClientSampleId :

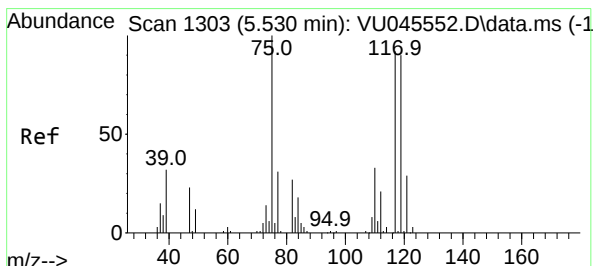
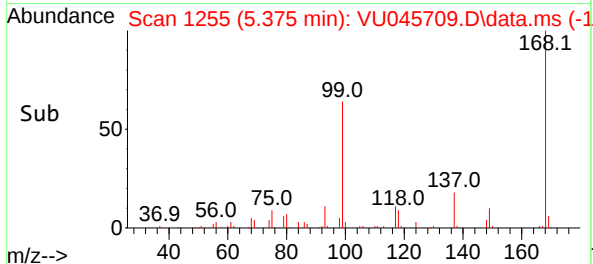
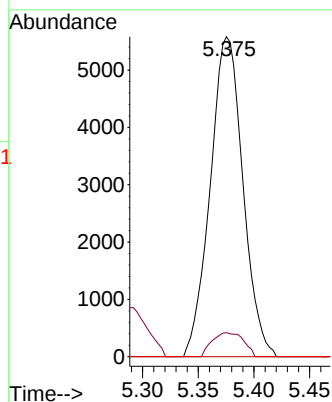
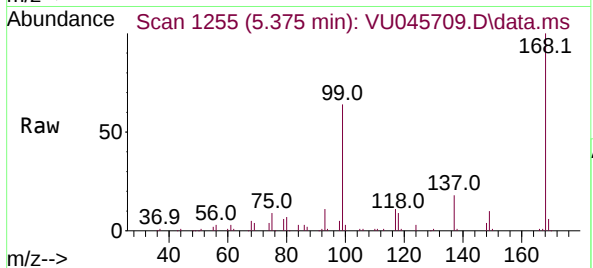
Tgt Ion: 75 Resp: 11390

Ion Ratio Lower Upper

75 100

110 7.2 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.038 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045709.D

Acq: 11 Nov 2021 00:13

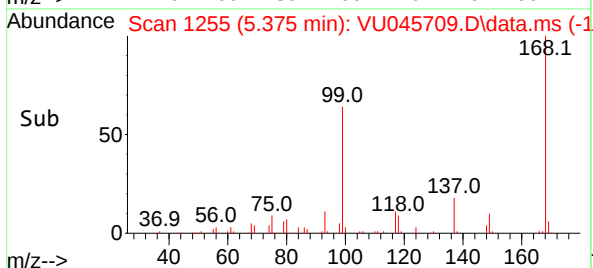
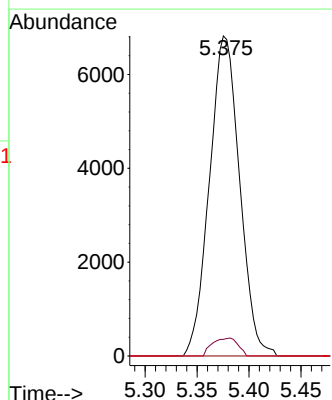
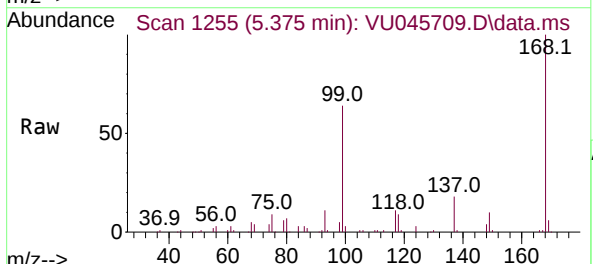
Tgt Ion: 117 Resp: 13771

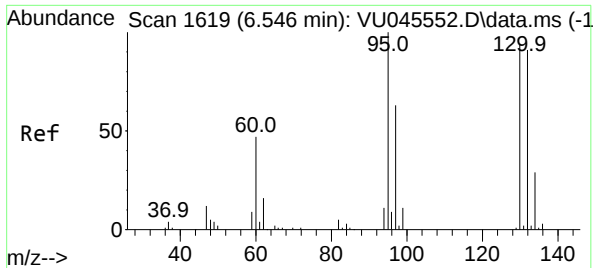
Ion Ratio Lower Upper

117 100

119 5.2 77.4 116.0#

121 0.0 24.8 37.2#

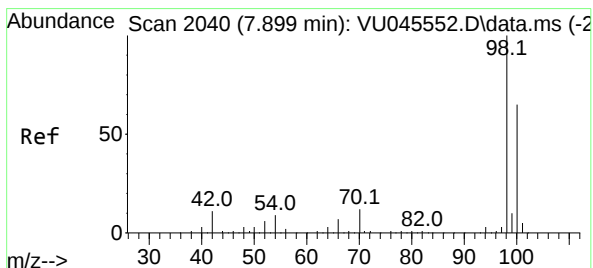
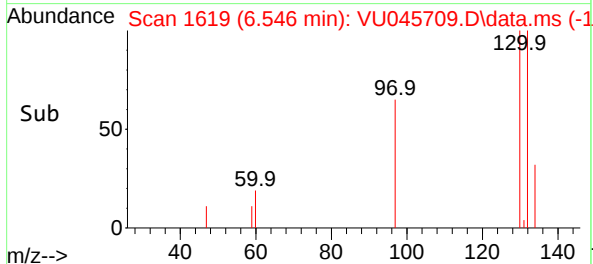
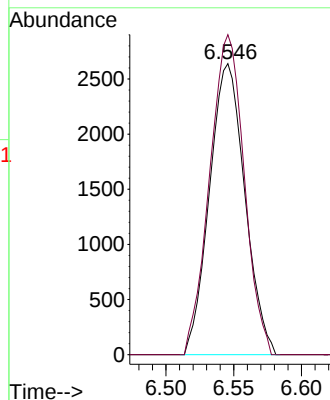
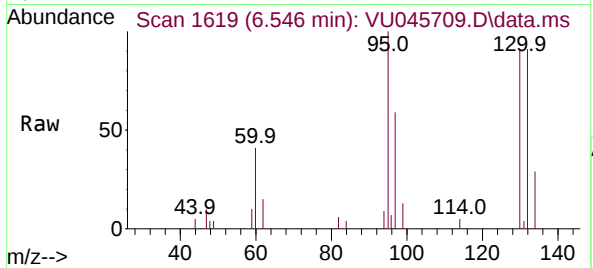




#44
Trichloroethene
Concen: 2.992 ug/l
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045709.D
Acq: 11 Nov 2021 00:13

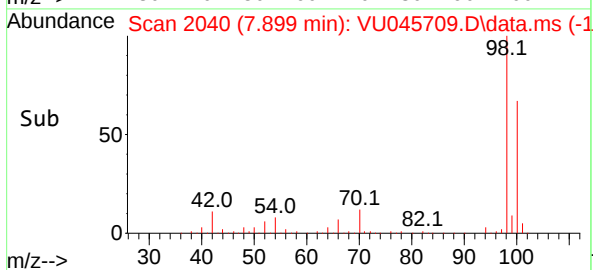
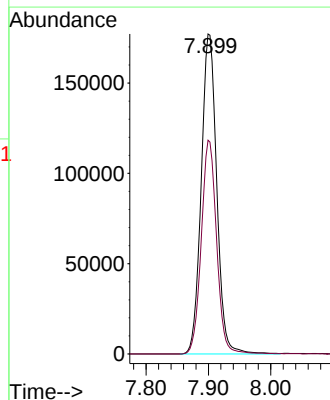
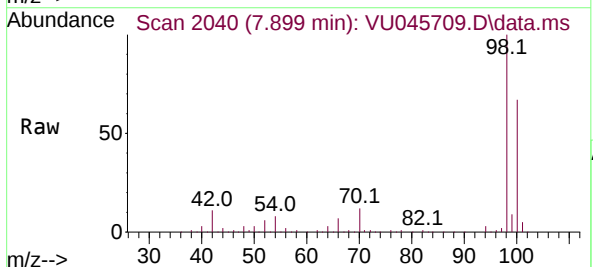
Instrument :
MSVOA_U
ClientSampleId :

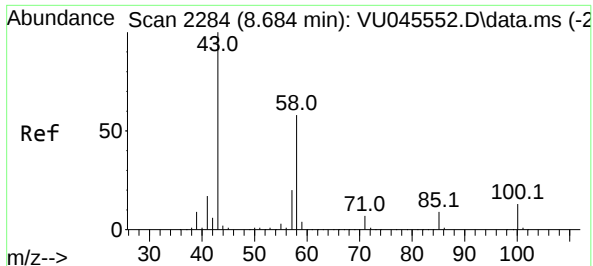
Tgt Ion:130 Resp: 4797
Ion Ratio Lower Upper
130 100
95 110.0 0.0 211.4



#50
Toluene-d8
Concen: 53.317 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045709.D
Acq: 11 Nov 2021 00:13

Tgt Ion: 98 Resp: 307120
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#59

2-Hexanone

Concen: 7.631 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045709.D

Acq: 11 Nov 2021 00:13

Instrument :

MSVOA_U

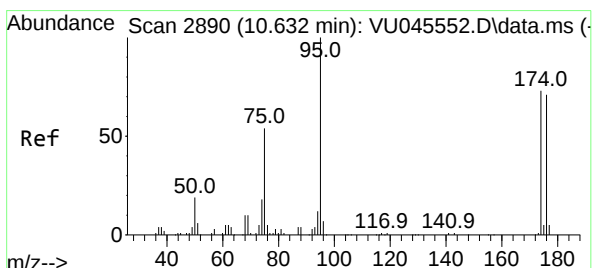
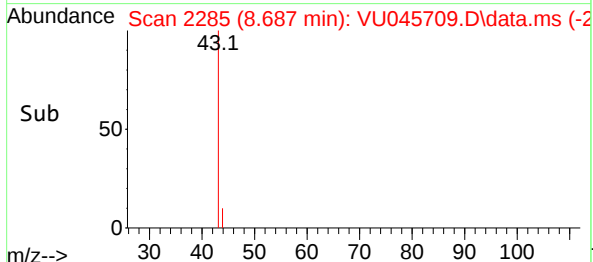
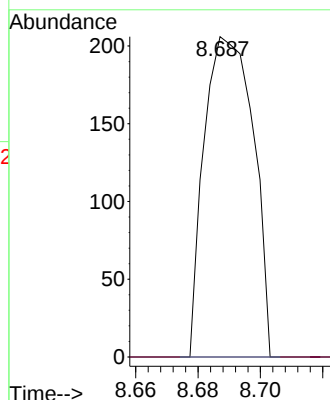
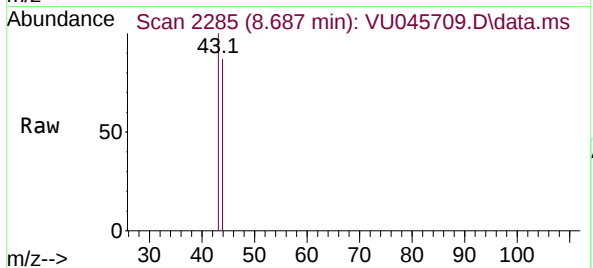
ClientSampleId :

Tgt Ion: 43 Resp: 225

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 51.097 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045709.D

Acq: 11 Nov 2021 00:13

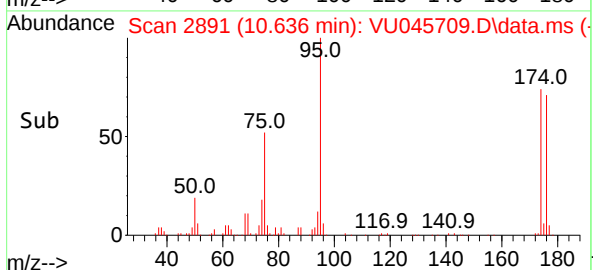
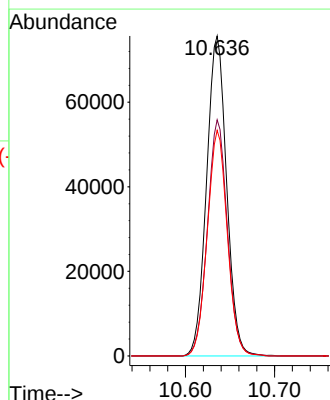
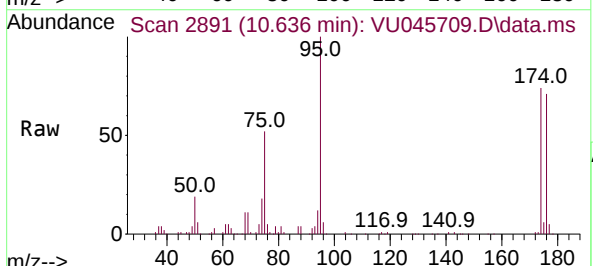
Tgt Ion: 95 Resp: 118024

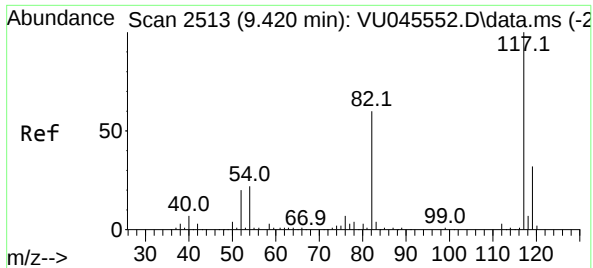
Ion Ratio Lower Upper

95 100

174 73.4 0.0 141.8

176 70.4 0.0 138.2

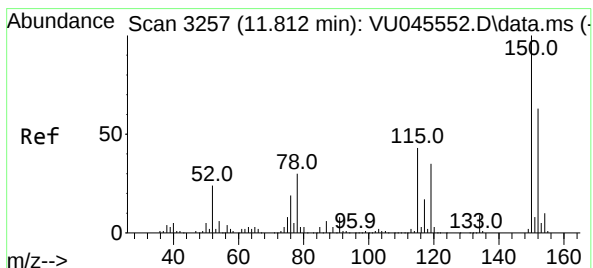
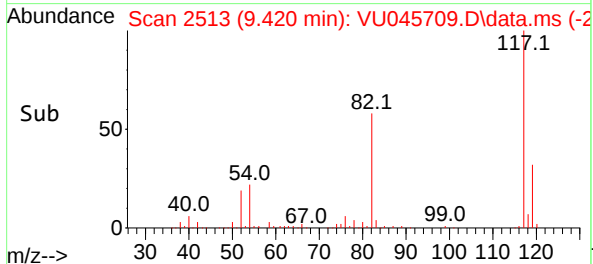
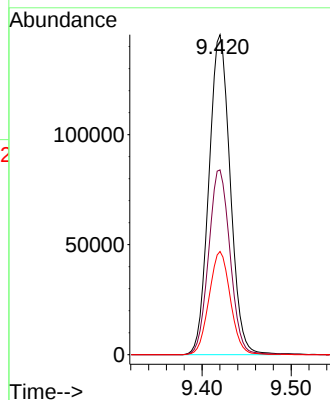
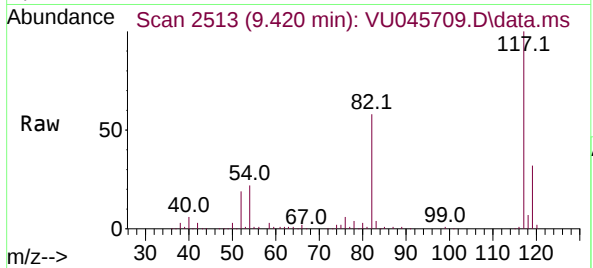




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045709.D
Acq: 11 Nov 2021 00:13

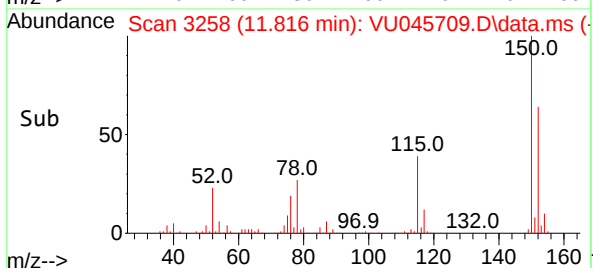
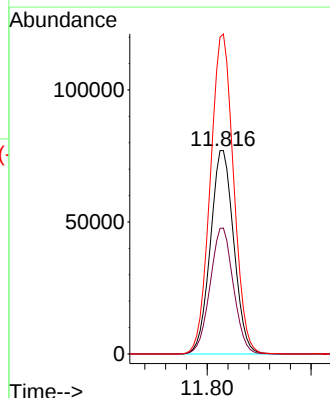
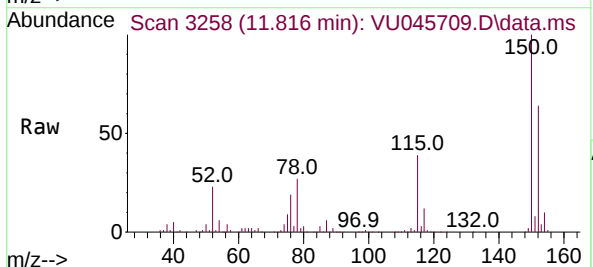
Instrument :
MSVOA_U
ClientSampleId :

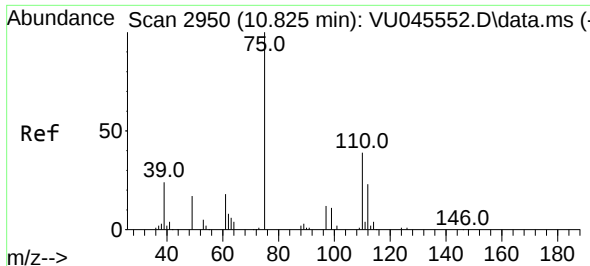
Tgt Ion:117 Resp: 241557
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.8
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045709.D
Acq: 11 Nov 2021 00:13

Tgt Ion:152 Resp: 120361
Ion Ratio Lower Upper
152 100
115 61.7 42.7 128.1
150 156.7 0.0 346.8

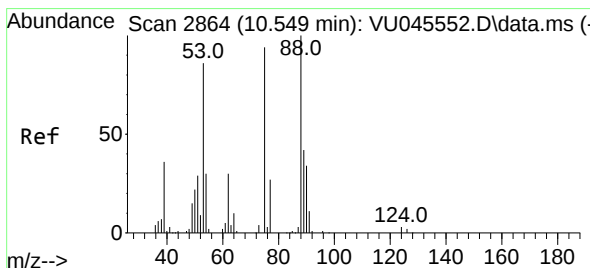
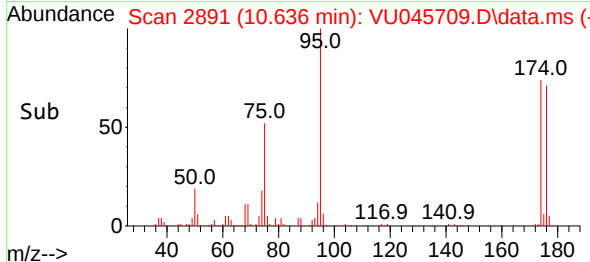
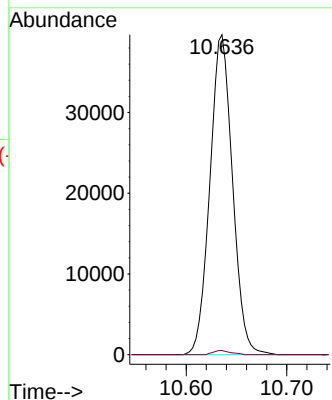
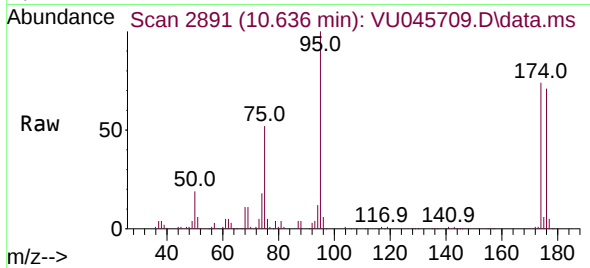




#76
1,2,3-Trichloropropane
Concen: 16.971 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045709.D
Acq: 11 Nov 2021 00:13

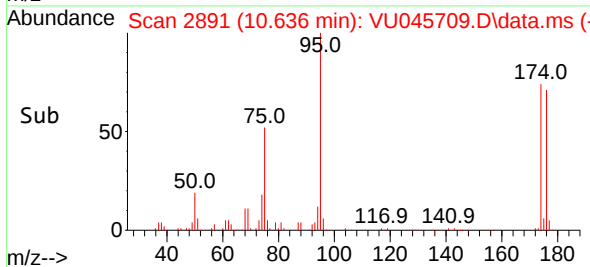
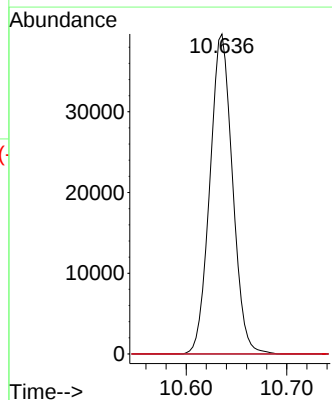
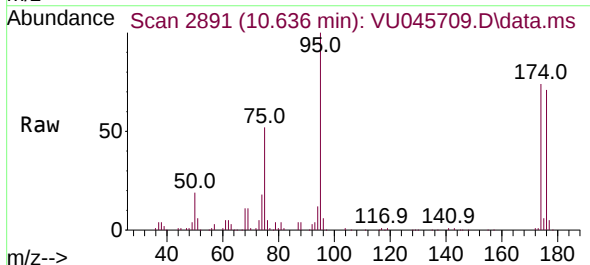
Instrument :
MSVOA_U
ClientSampleId :

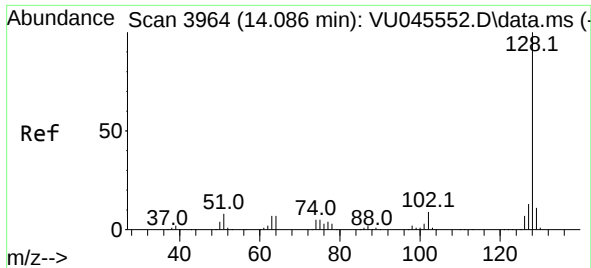
Tgt Ion: 75 Resp: 61945
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.261 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045709.D
Acq: 11 Nov 2021 00:13

Tgt Ion: 75 Resp: 61945
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.099 ug/l

RT: 14.095 min Scan# 3967

Delta R.T. 0.009 min

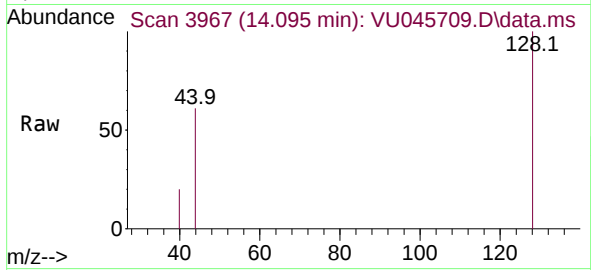
Lab File: VU045709.D

Acq: 11 Nov 2021 00:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 695

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

