

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045722.D
 Acq On : 11 Nov 2021 05:13
 Operator : SY/MD
 Sample : M4594-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB01-20211108

Quant Time: Nov 11 13:10:35 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)

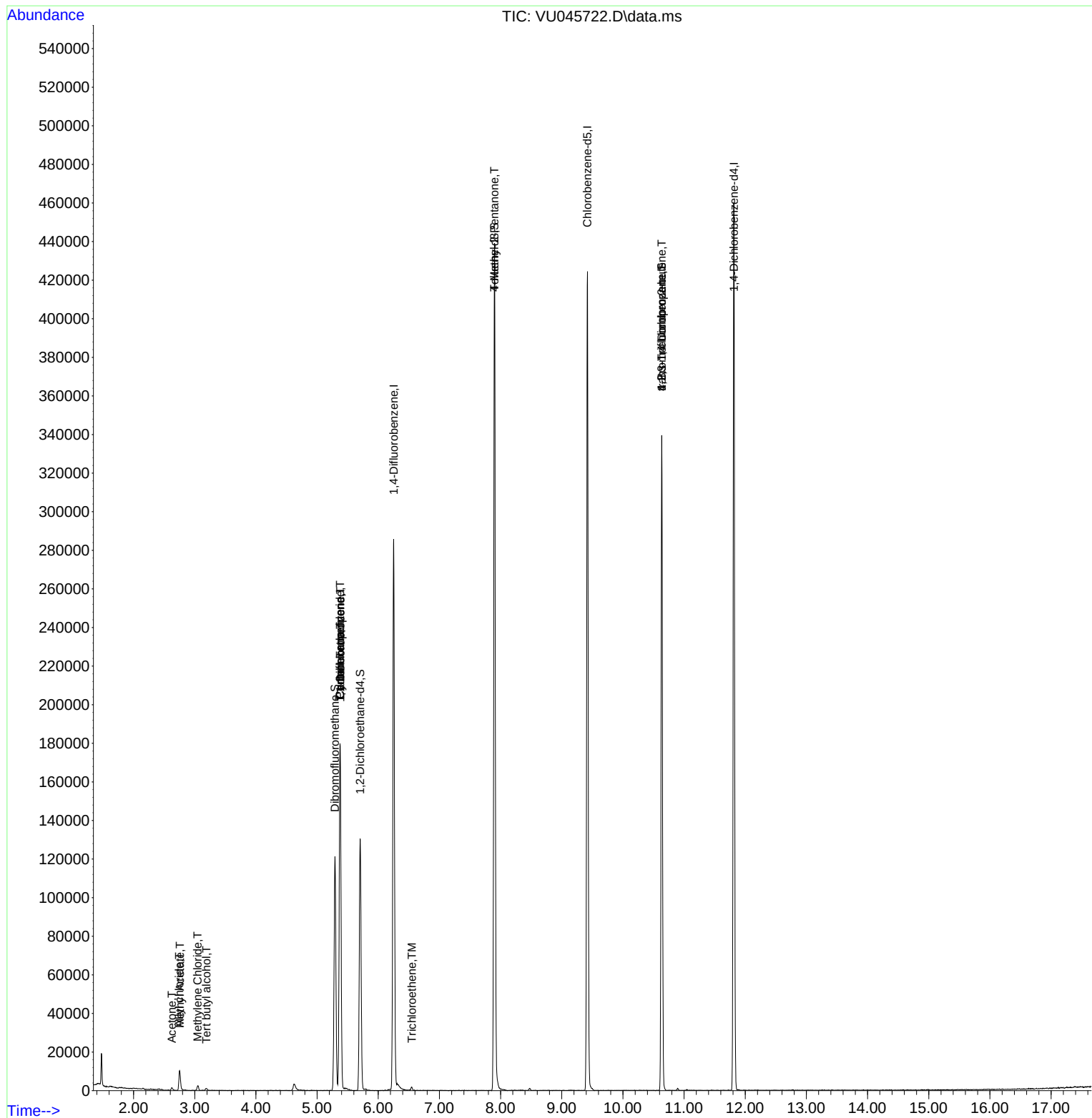
Internal Standards						
1) Pentafluorobenzene	5.375	168	118062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	223315	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	231773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	115510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	97924	55.383	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.760%	
35) Dibromofluoromethane	5.292	113	77434	51.936	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.880%	
50) Toluene-d8	7.899	98	291755	52.624	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.240%	
62) 4-Bromofluorobenzene	10.635	95	111574	50.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.192	59	778	2.223	ug/l #	72
14) Allyl chloride	2.748	41	1046	0.451	ug/l #	65
16) Acetone	2.626	43	1741	1.934	ug/l	99
18) Methyl Acetate	2.758	43	3066	1.000	ug/l #	50
20) Methylene Chloride	3.047	84	1136	0.726	ug/l #	88
31) Cyclohexane	5.375	56	2827	1.096	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	10502	4.823	ug/l #	50
38) Carbon Tetrachloride	5.375	117	13197	6.012	ug/l #	16
44) Trichloroethene	6.549	130	628	0.407	ug/l	76
51) 4-Methyl-2-Pentanone	7.899	43	1294	0.513	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	58734	16.767	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	58734	54.633	ug/l #	12

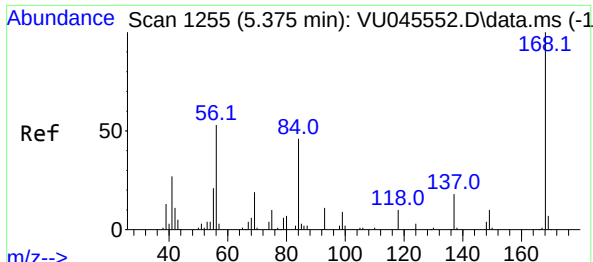
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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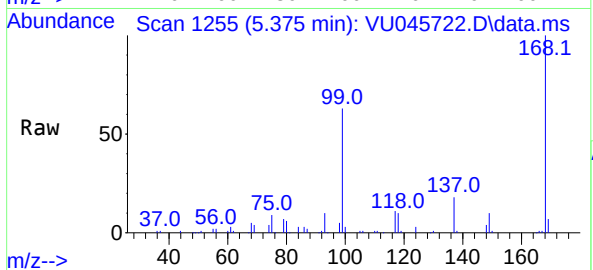
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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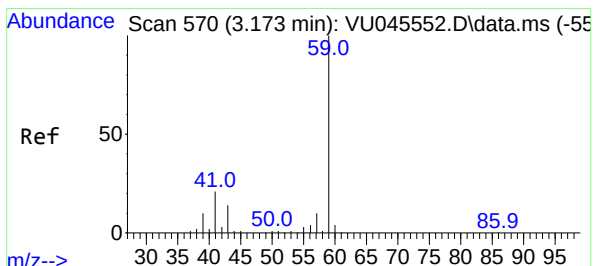
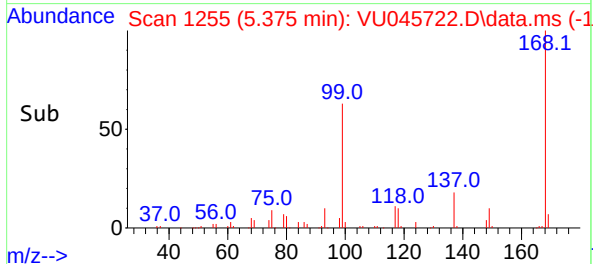
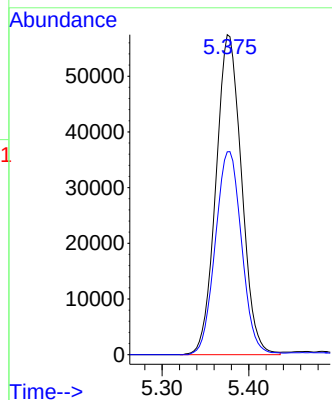


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Instrument :
MSVOA_U
ClientSampleId :
TB01-20211108

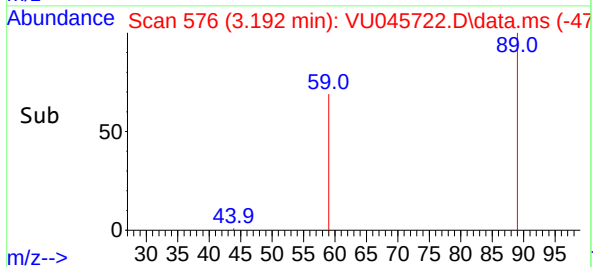
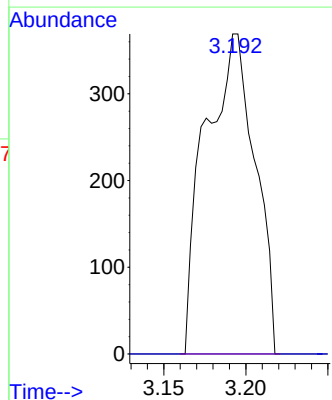
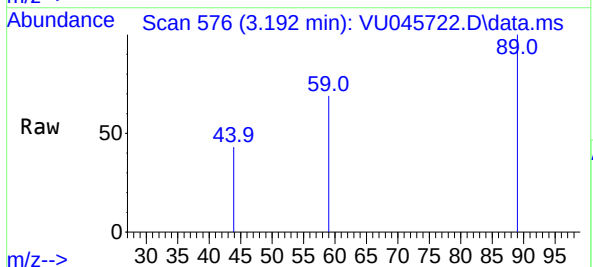


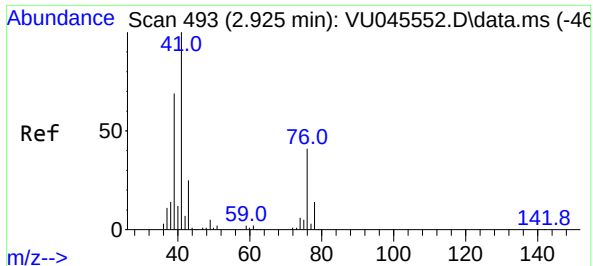
Tgt Ion:168 Resp: 118062
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.223 ug/l
RT: 3.192 min Scan# 576
Delta R.T. 0.019 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Tgt Ion: 59 Resp: 778
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

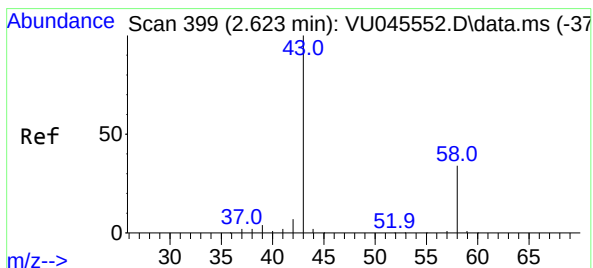
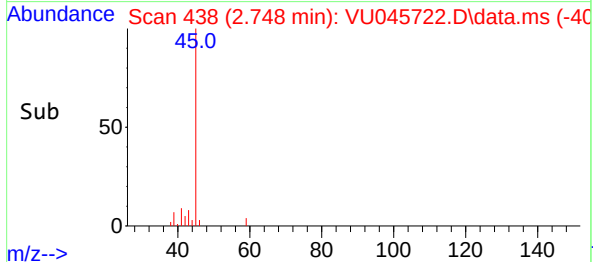
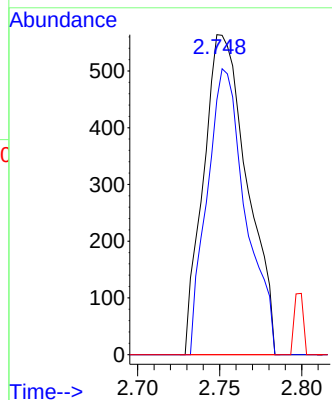
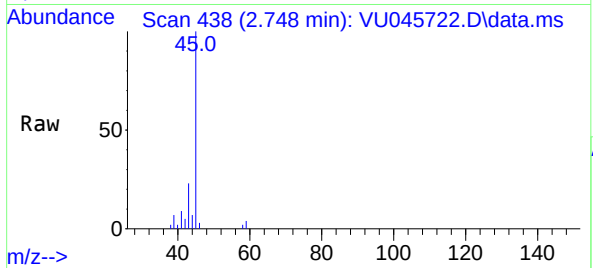




#14
Allyl chloride
Concen: 0.451 ug/l
RT: 2.748 min Scan# 41
Delta R.T. -0.177 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

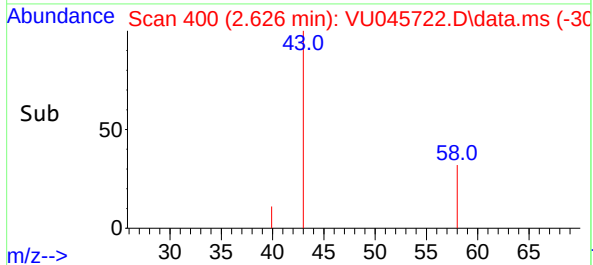
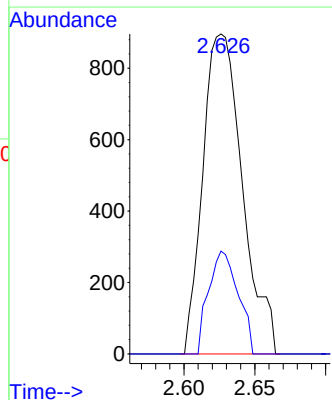
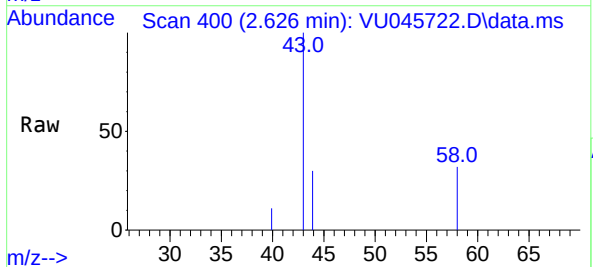
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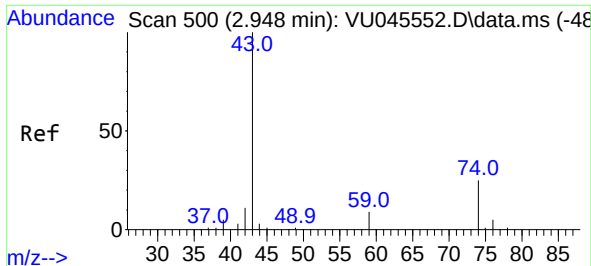
Tgt Ion: 41 Resp: 1046
Ion Ratio Lower Upper
41 100
39 78.6 49.7 74.5#
76 0.0 27.7 41.5#



#16
Acetone
Concen: 1.934 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Tgt Ion: 43 Resp: 1741
Ion Ratio Lower Upper
43 100
58 32.1 26.2 39.2

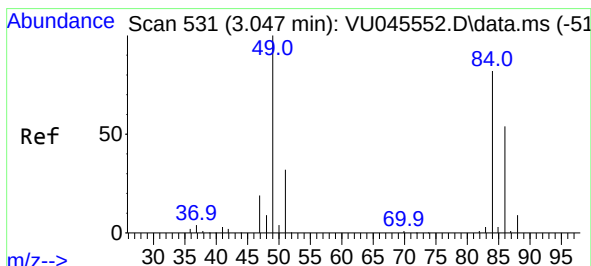
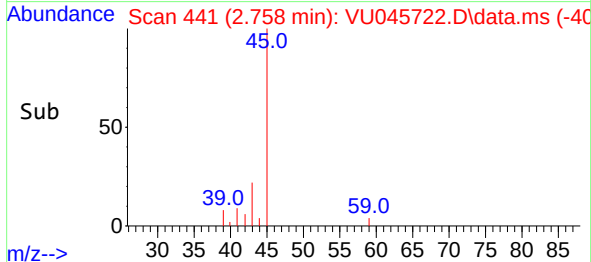
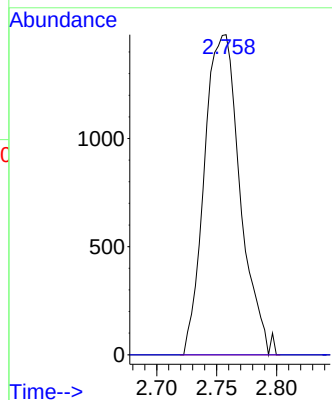
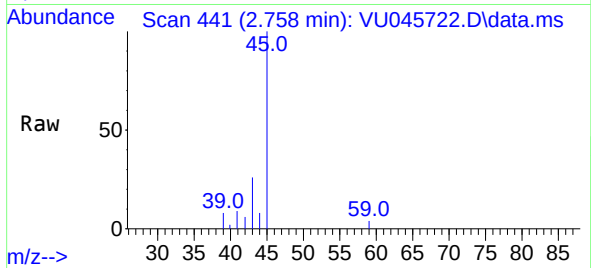




#18
Methyl Acetate
Concen: 1.000 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.190 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

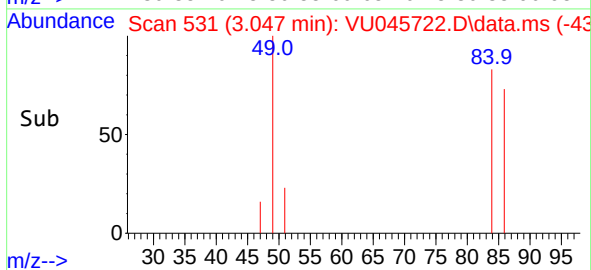
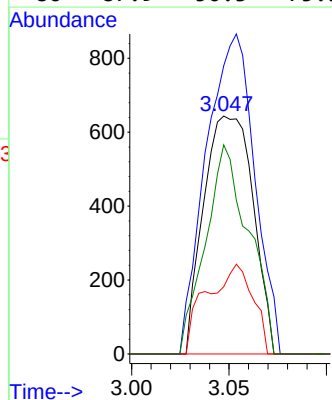
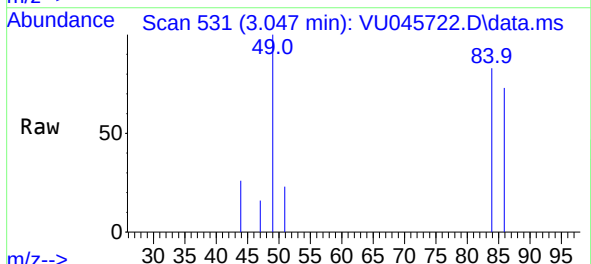
Instrument :
MSVOA_U
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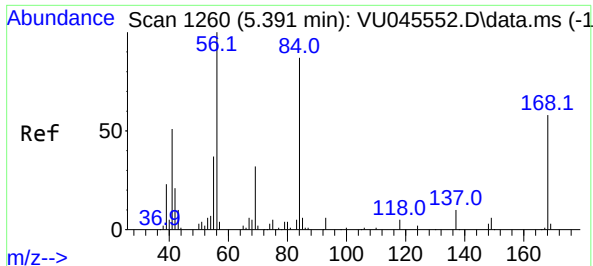
Tgt Ion: 43 Resp: 3066
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.726 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Tgt Ion: 84 Resp: 1136
Ion Ratio Lower Upper
84 100
49 121.1 96.4 144.6
51 28.3 30.5 45.7#
86 87.9 50.3 75.5#

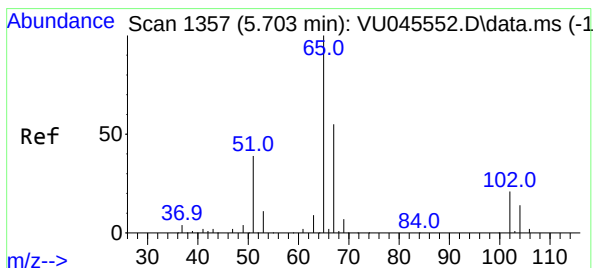
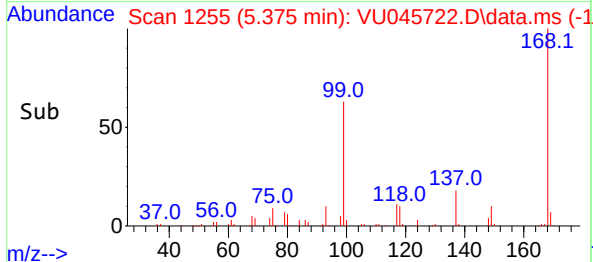
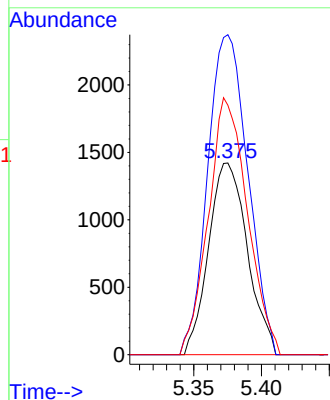
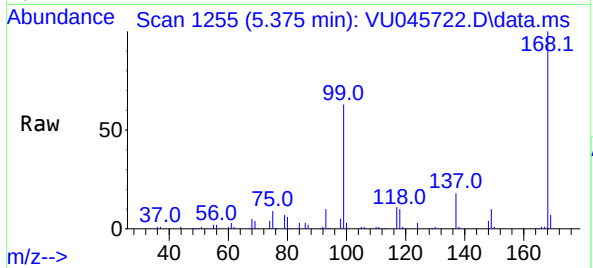




#31
Cyclohexane
Concen: 1.096 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

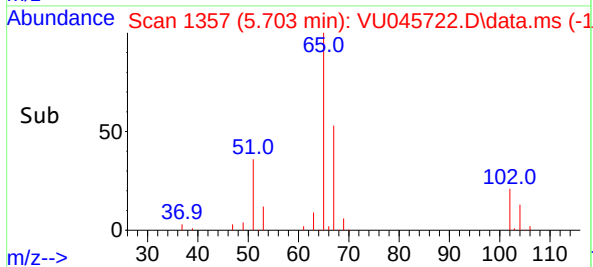
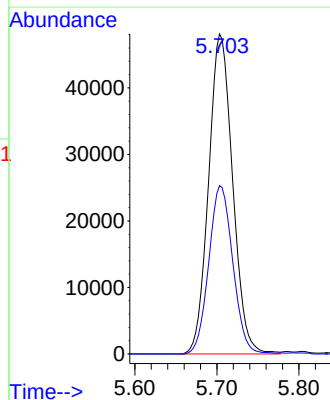
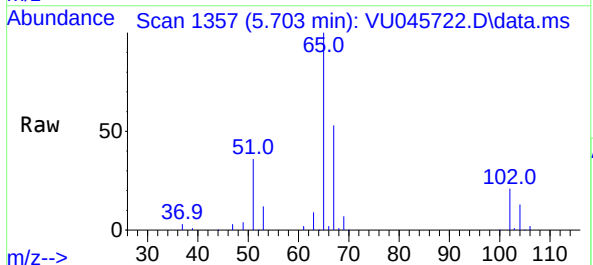
Instrument :
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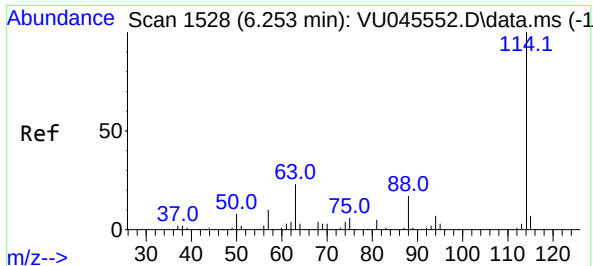
Tgt Ion: 56 Resp: 2827
Ion Ratio Lower Upper
56 100
69 166.9 26.4 39.6#
84 130.1 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 55.383 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Tgt Ion: 65 Resp: 97924
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8

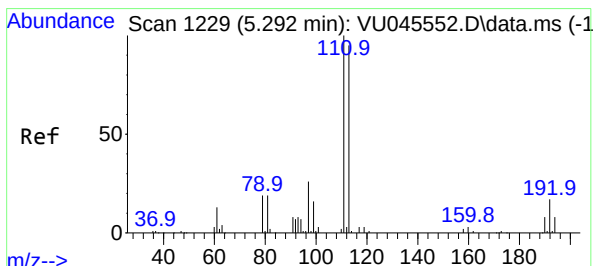
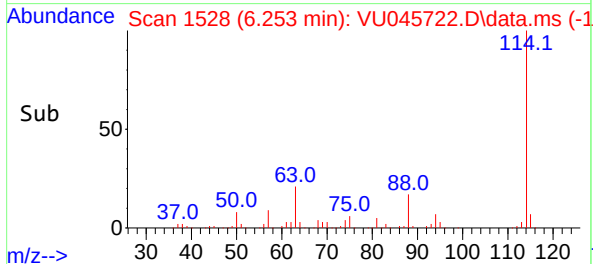
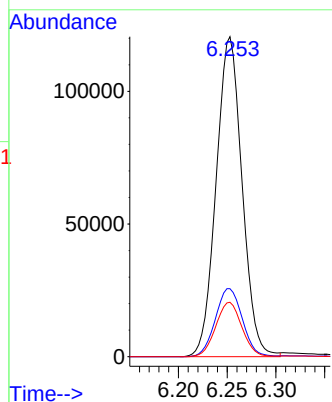
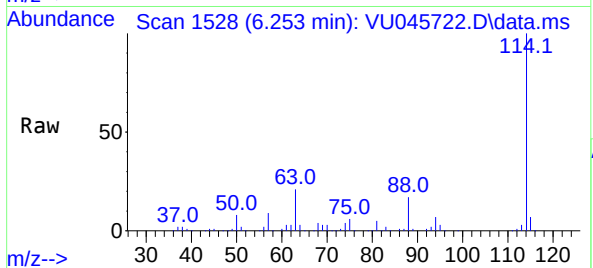




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

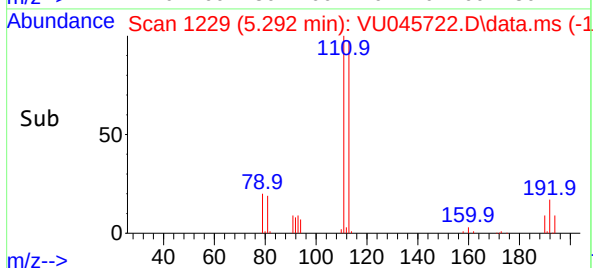
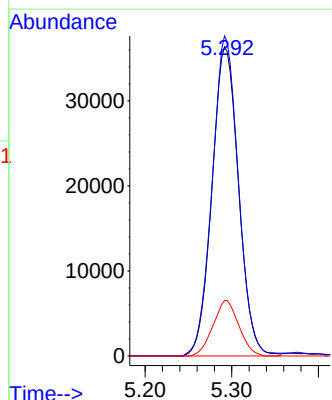
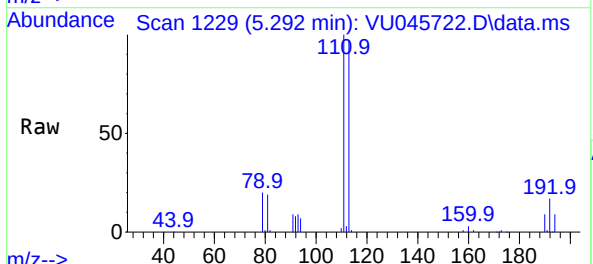
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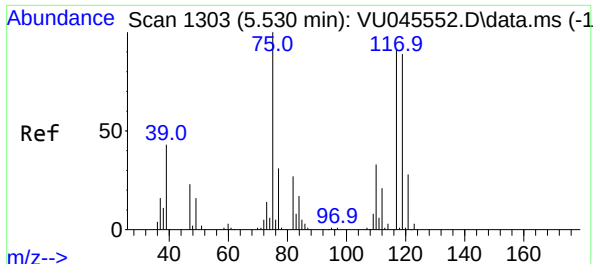
Tgt Ion:114 Resp: 223315
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.6
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.936 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Tgt Ion:113 Resp: 77434
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 17.4 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.823 ug/l

RT: 5.378 min Scan# 11

Delta R.T. -0.151 min

Lab File: VU045722.D

Acq: 11 Nov 2021 05:13

Instrument :

MSVOA_U

ClientSampleId :

TB01-20211108

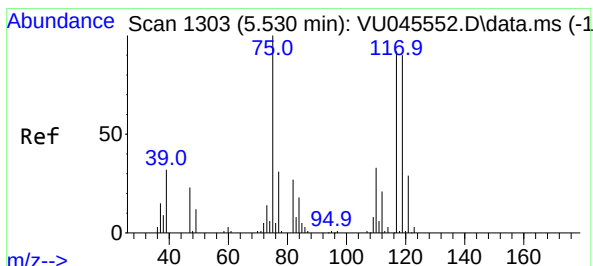
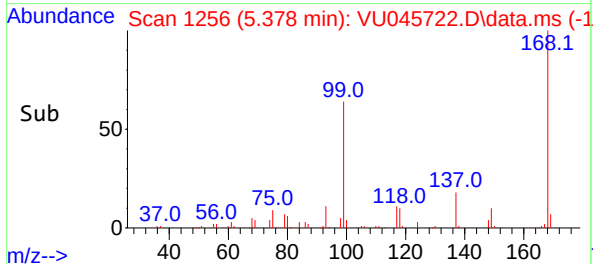
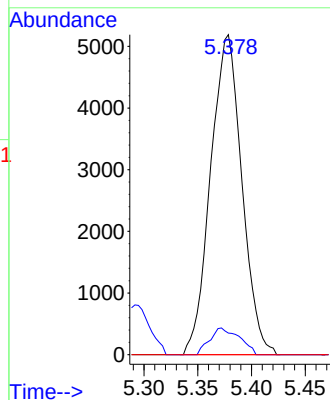
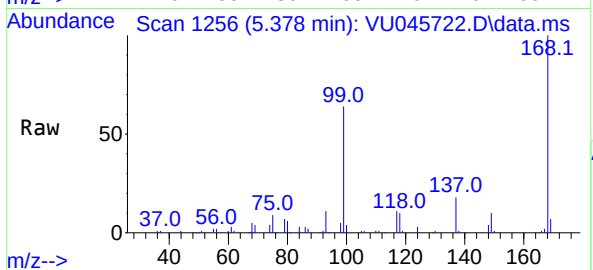
Tgt Ion: 75 Resp: 10502

Ion Ratio Lower Upper

75 100

110 7.9 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.012 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045722.D

Acq: 11 Nov 2021 05:13

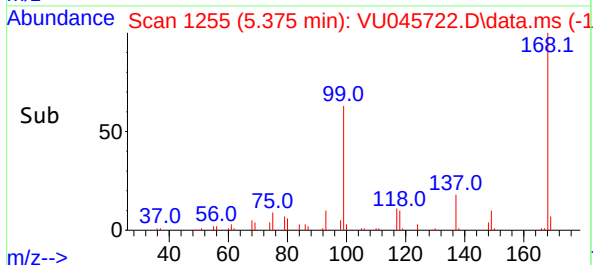
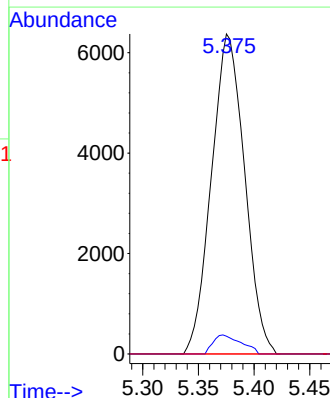
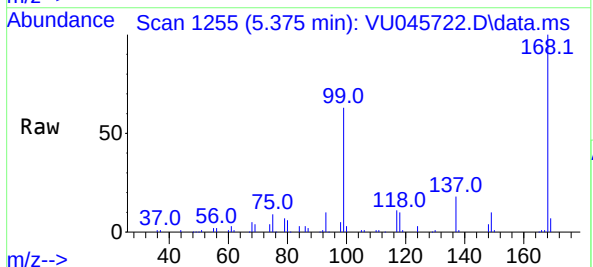
Tgt Ion: 117 Resp: 13197

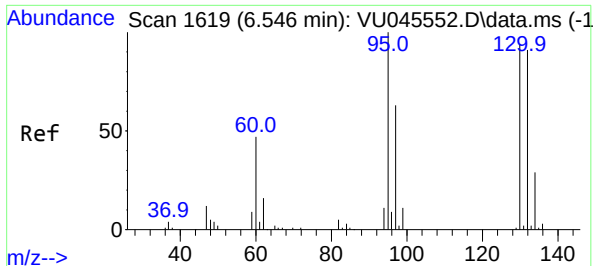
Ion Ratio Lower Upper

117 100

119 5.6 77.4 116.0#

121 0.0 24.8 37.2#

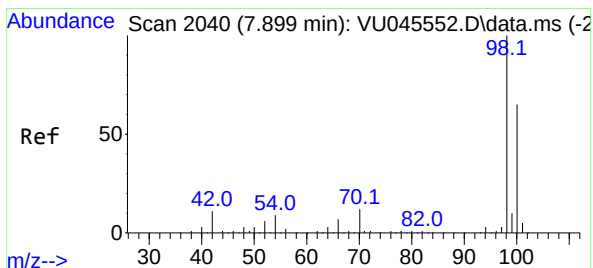
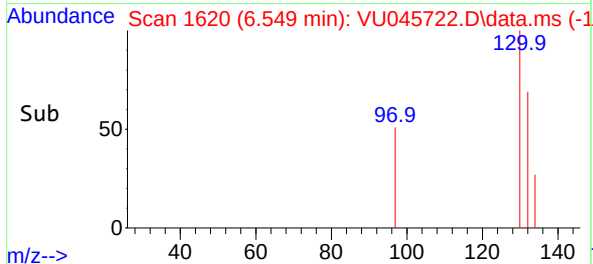
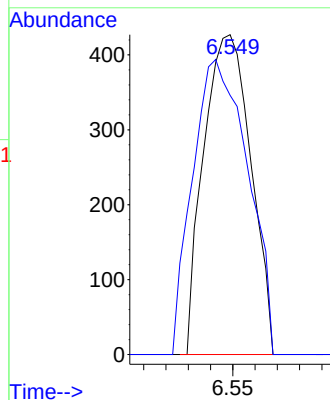
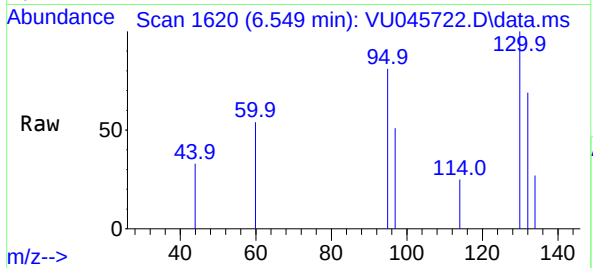




#44
Trichloroethene
Concen: 0.407 ug/l
RT: 6.549 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

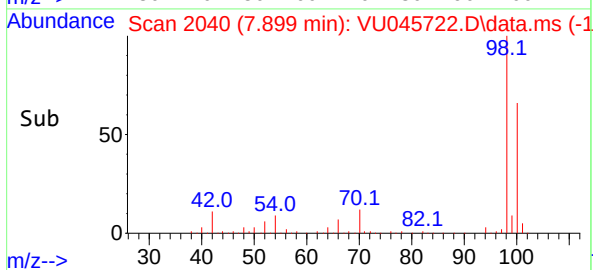
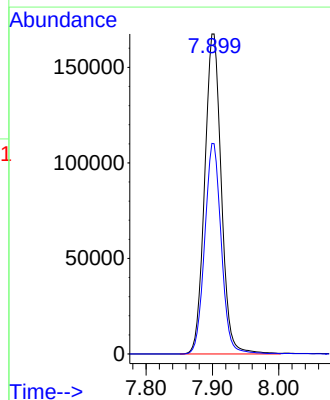
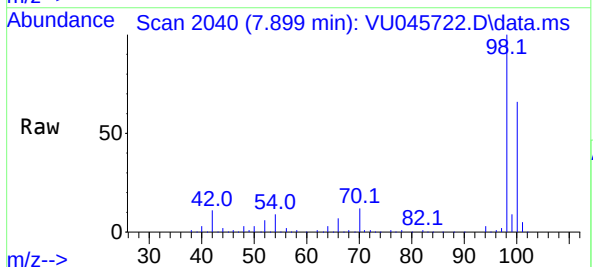
Instrument :
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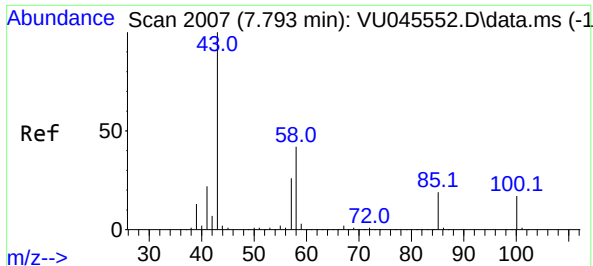
Tgt Ion:130 Resp: 628
Ion Ratio Lower Upper
130 100
95 81.0 0.0 211.4



#50
Toluene-d8
Concen: 52.624 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Tgt Ion: 98 Resp: 291755
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

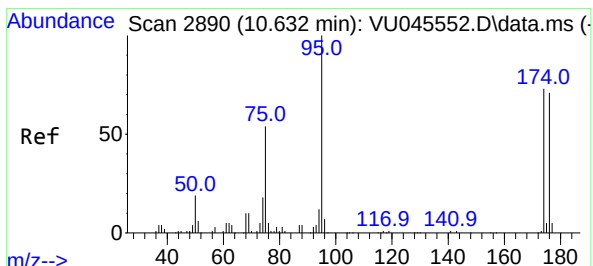
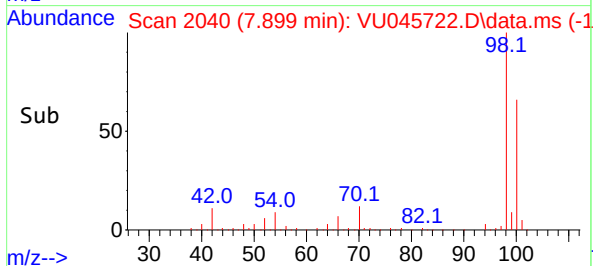
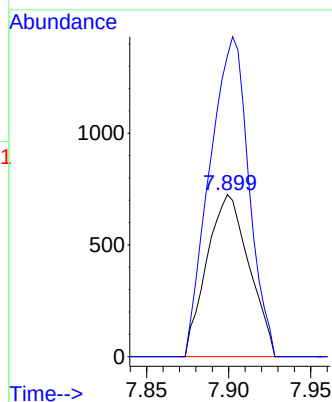
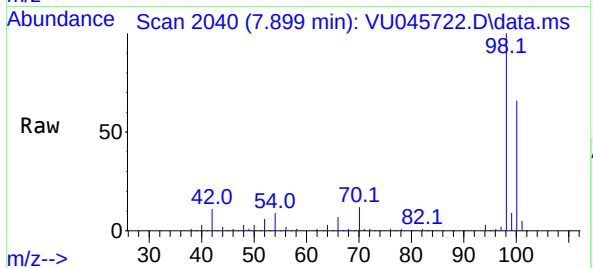




#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 7.899 min Scan# 2007
Delta R.T. 0.106 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

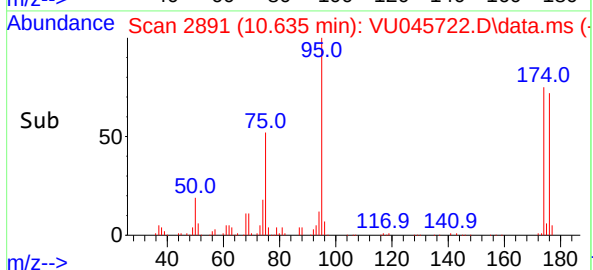
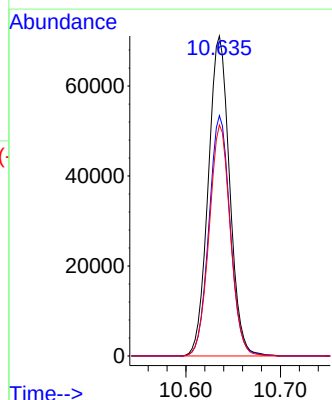
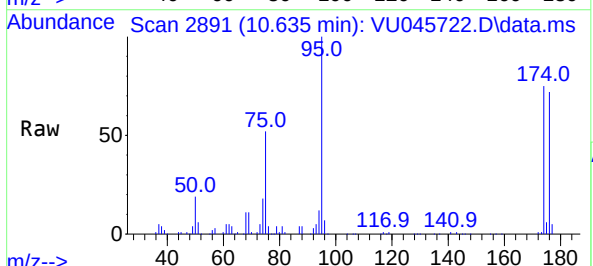
Instrument :
MSVOA_U
ClientSampleId :
TB01-20211108

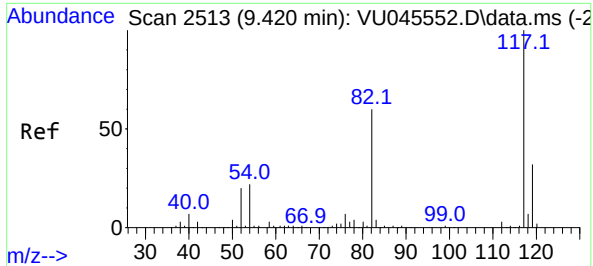
Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
58 183.5 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 50.187 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Tgt Ion: 95 Resp: 111574
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 71.5 0.0 138.2



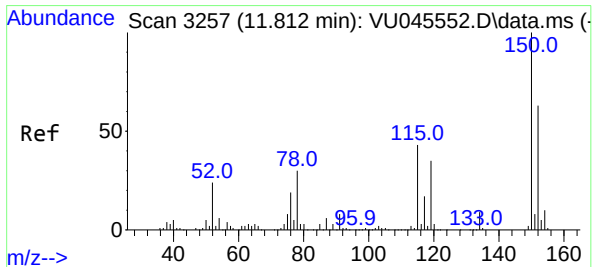
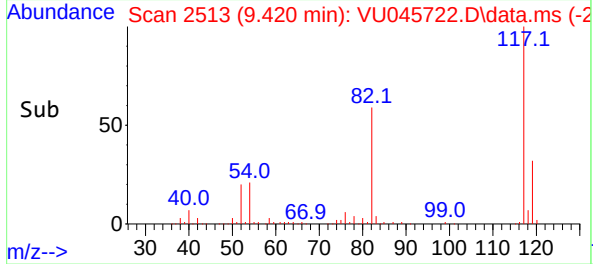
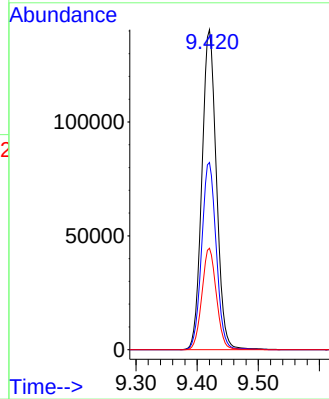
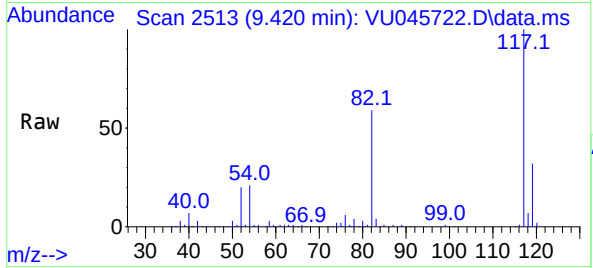


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Instrument :
MSVOA_U
ClientSampleId :
TB01-20211108

Tgt Ion:117 Resp: 231773

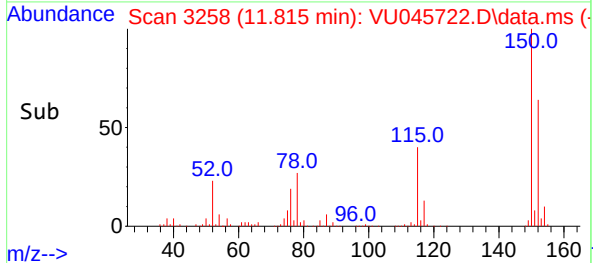
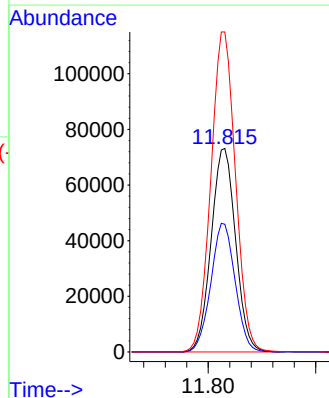
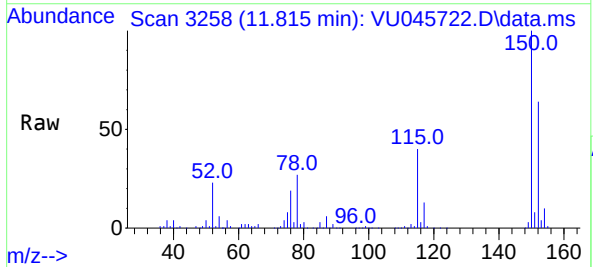
Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.8	71.8
119	31.7	25.8	38.8

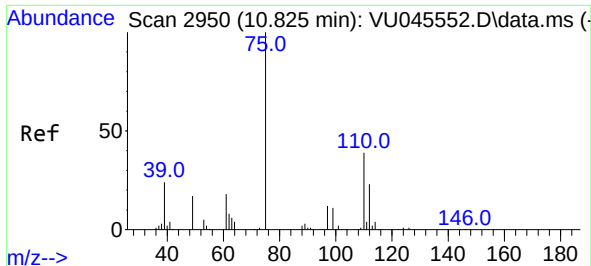


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Tgt Ion:152 Resp: 115510

Ion	Ratio	Lower	Upper
152	100		
115	62.7	42.7	128.1
150	158.3	0.0	346.8

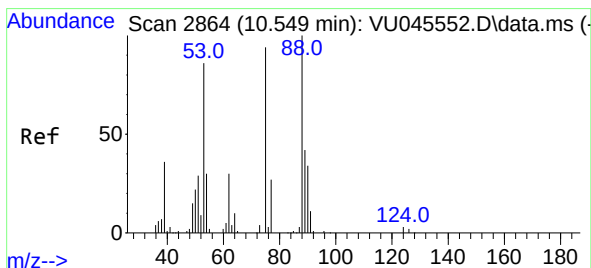
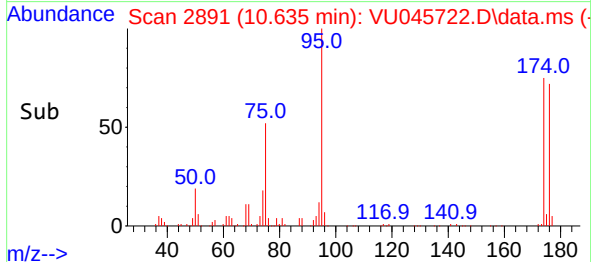
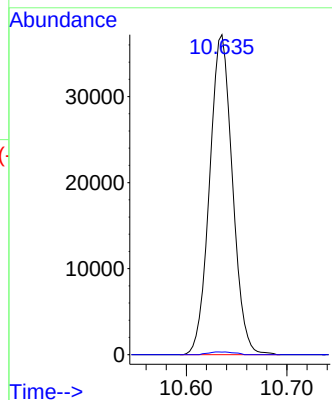
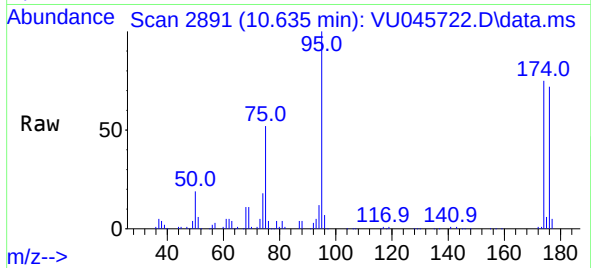




#76
1,2,3-Trichloropropane
Concen: 16.767 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Instrument :
MSVOA_U
ClientSampleId :
TB01-20211108

Tgt Ion: 75 Resp: 58734
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.633 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045722.D
Acq: 11 Nov 2021 05:13

Tgt Ion: 75 Resp: 58734
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

