

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045741.D
 Acq On : 11 Nov 2021 16:13
 Operator : SY/MD
 Sample : M4606-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-117T-20211109

Quant Time: Nov 12 06:10:12 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)

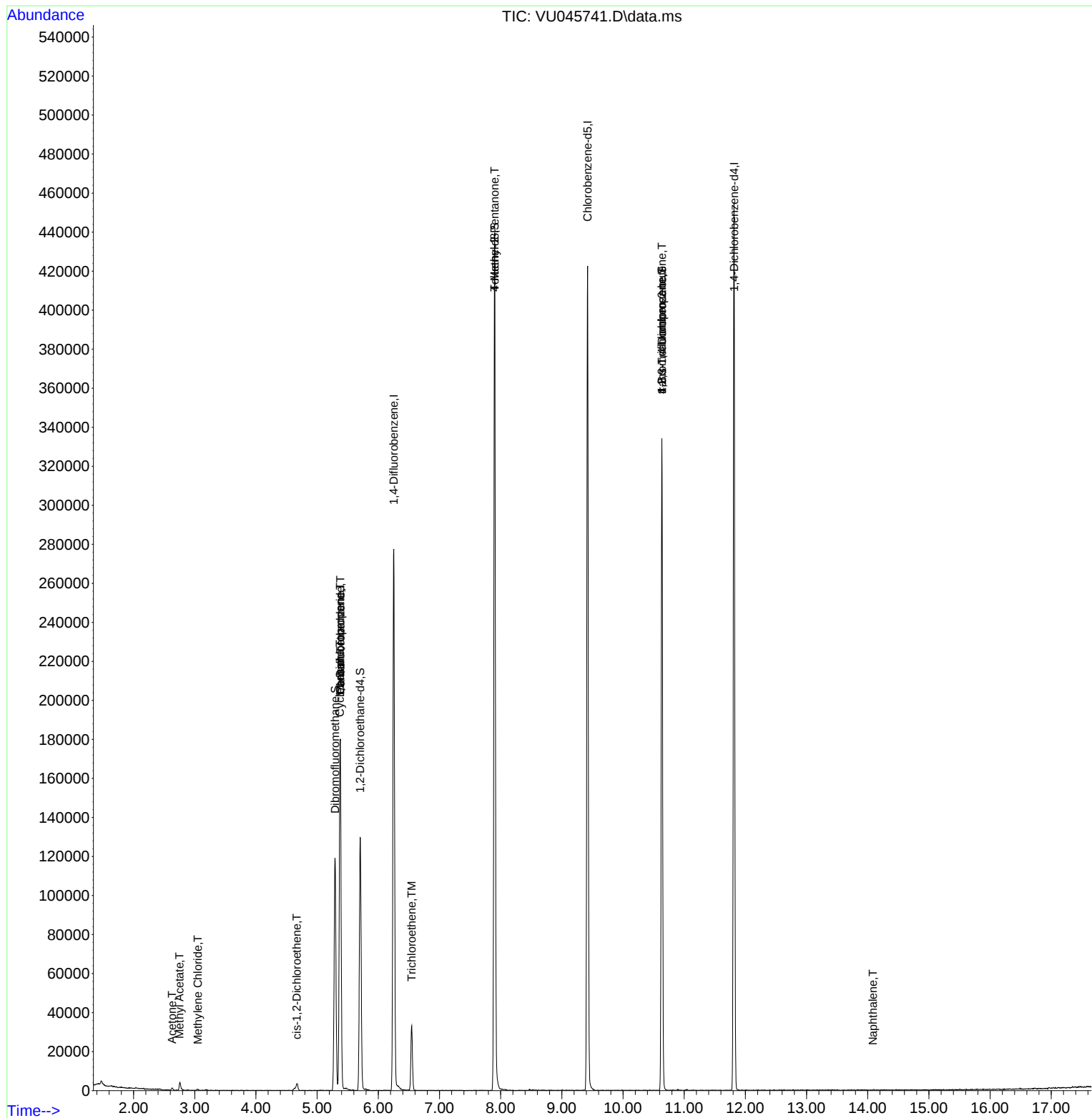
Internal Standards						
1) Pentafluorobenzene	5.378	168	117537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	219057	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	228123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	111404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	96481	54.811	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.620%	
35) Dibromofluoromethane	5.292	113	76180	52.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.180%	
50) Toluene-d8	7.902	98	290548	53.425	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	10.635	95	109052	50.006	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.629	43	1510	1.685	ug/l	100
18) Methyl Acetate	2.751	43	1165	0.382	ug/l #	50
20) Methylene Chloride	3.047	84	355	0.228	ug/l #	71
27) cis-1,2-Dichloroethene	4.668	96	1782	1.128	ug/l	89
31) Cyclohexane	5.372	56	2616	1.019	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10635	4.979	ug/l #	49
38) Carbon Tetrachloride	5.378	117	12981	6.028	ug/l #	15
44) Trichloroethene	6.545	130	11196	7.396	ug/l	96
51) 4-Methyl-2-Pentanone	7.902	43	1172	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	57293	16.959	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	57293	55.223	ug/l #	12
95) Naphthalene	14.085	128	254	1.056	ug/l #	69

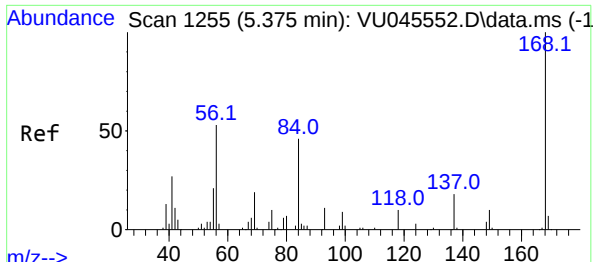
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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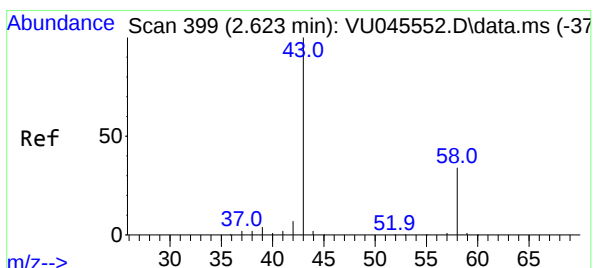
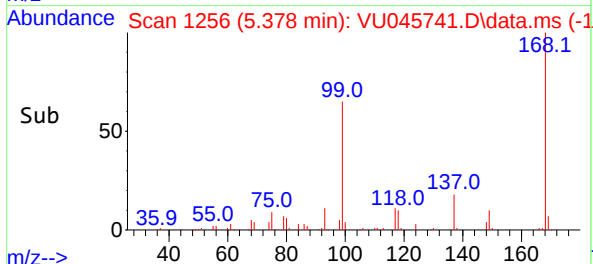
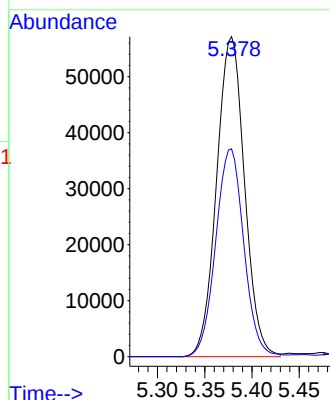
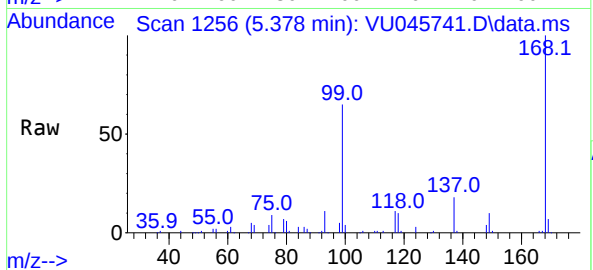




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

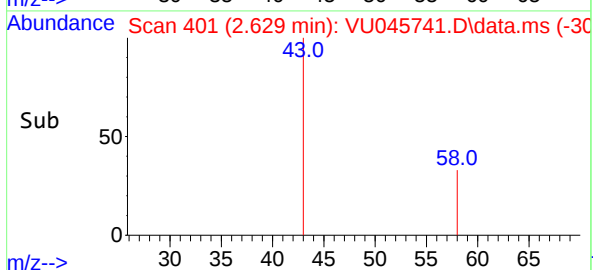
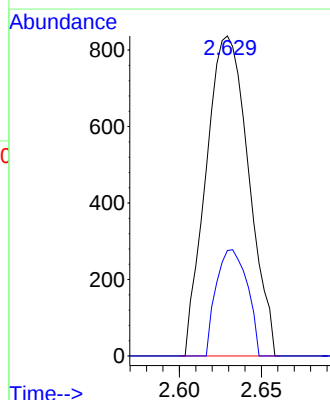
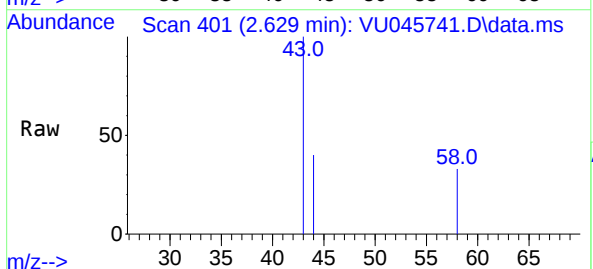
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109

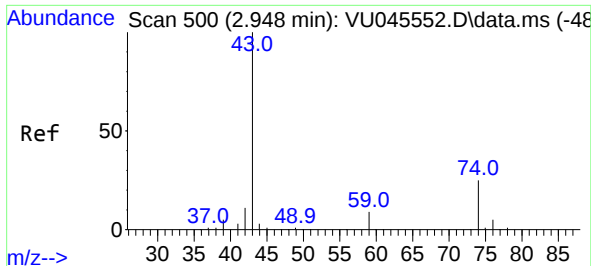
Tgt Ion:168 Resp: 117537
Ion Ratio Lower Upper
168 100
99 65.0 51.0 76.6



#16
Acetone
Concen: 1.685 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
58 33.0 26.2 39.2

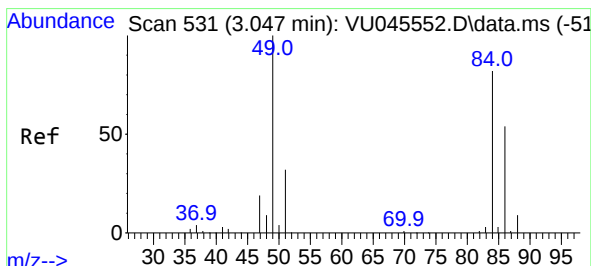
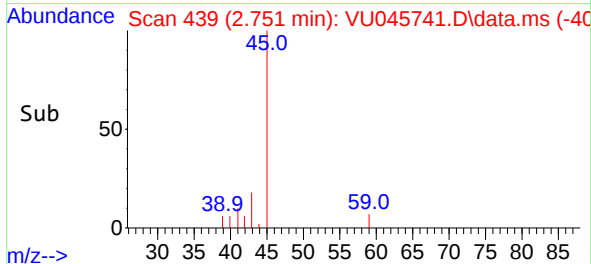
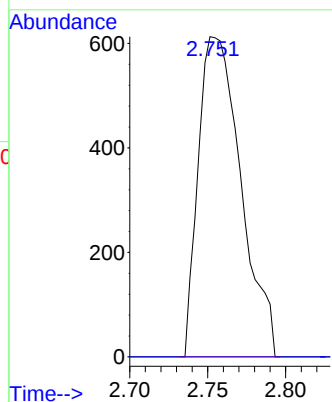
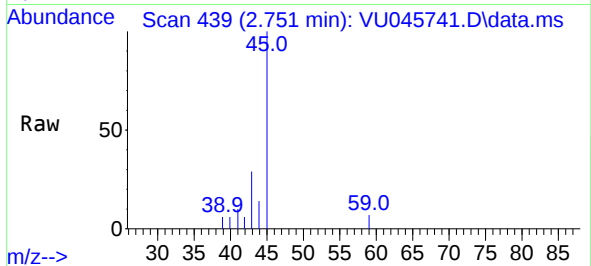




#18
Methyl Acetate
Concen: 0.382 ug/l
RT: 2.751 min Scan# 41
Delta R.T. -0.196 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

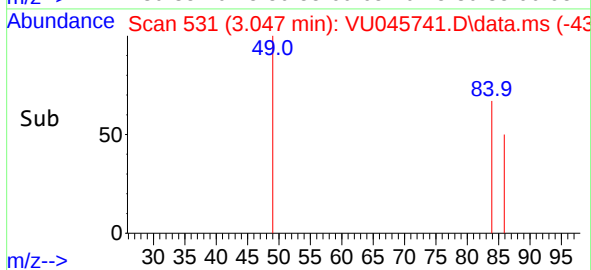
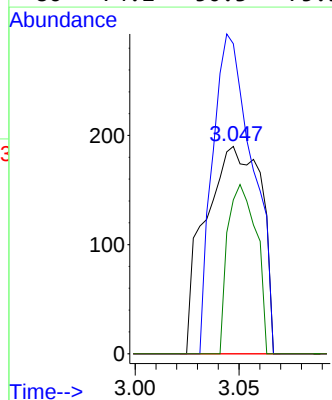
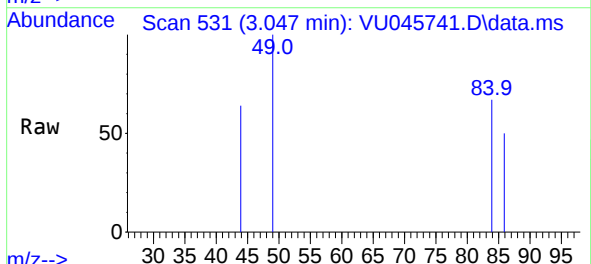
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109

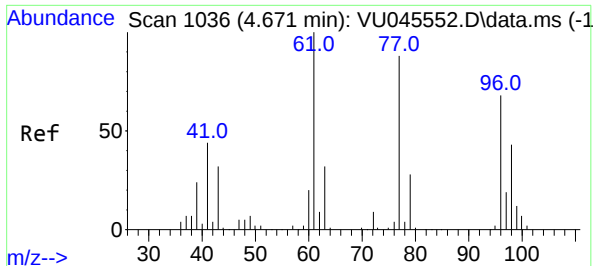
Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

Tgt Ion: 84 Resp: 355
Ion Ratio Lower Upper
84 100
49 149.5 96.4 144.6#
51 0.0 30.5 45.7#
86 74.2 50.3 75.5



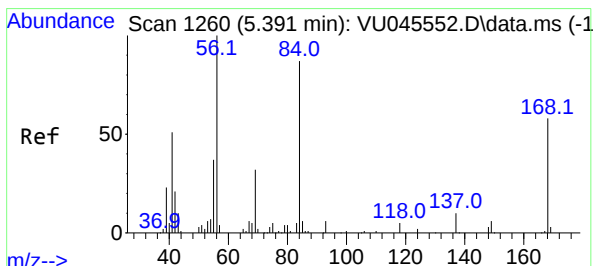
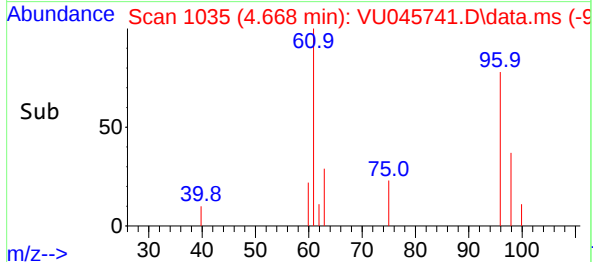
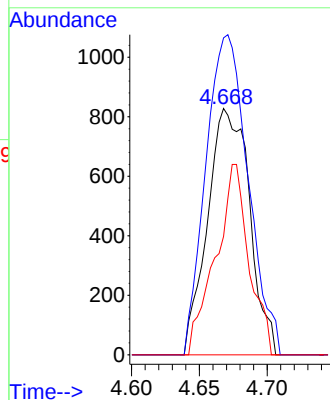
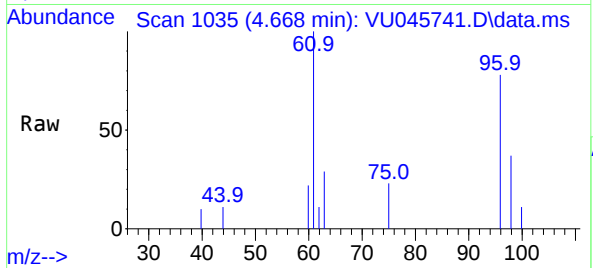


#27
 cis-1,2-Dichloroethene
 Concen: 1.128 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045741.D
 Acq: 11 Nov 2021 16:13

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-117T-20211109

Tgt Ion: 96 Resp: 1782

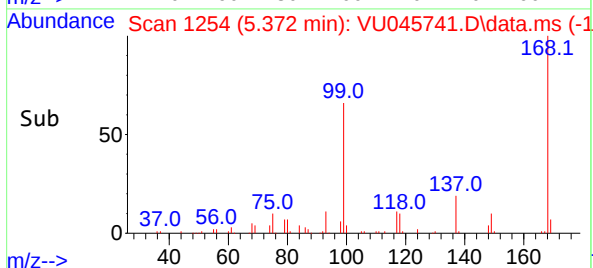
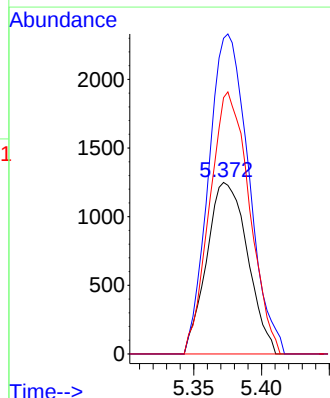
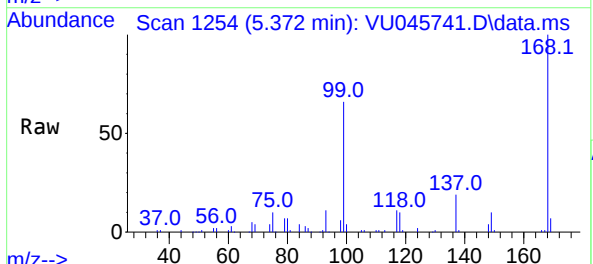
Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	299.2
98	61.4	0.0	127.6

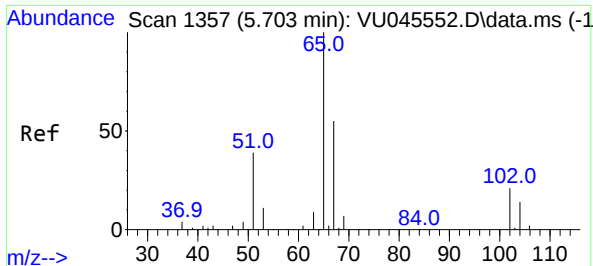


#31
 Cyclohexane
 Concen: 1.019 ug/l
 RT: 5.372 min Scan# 1254
 Delta R.T. -0.019 min
 Lab File: VU045741.D
 Acq: 11 Nov 2021 16:13

Tgt Ion: 56 Resp: 2616

Ion	Ratio	Lower	Upper
56	100		
69	184.0	26.4	39.6#
84	149.4	68.4	102.6#

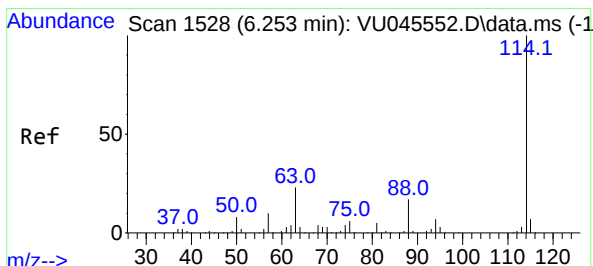
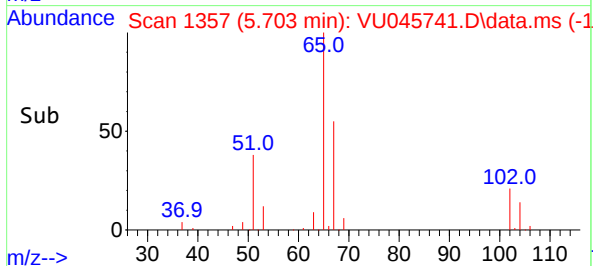
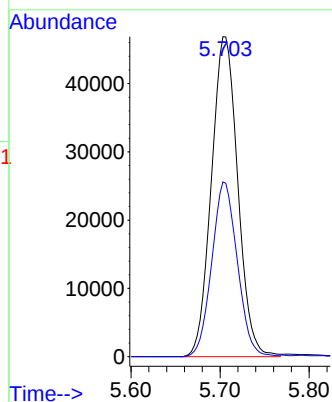
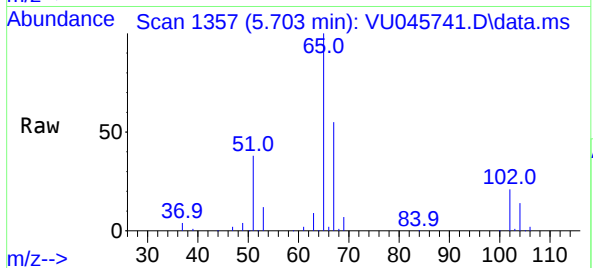




#33
1,2-Dichloroethane-d4
Concen: 54.811 ug/l
RT: 5.703 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

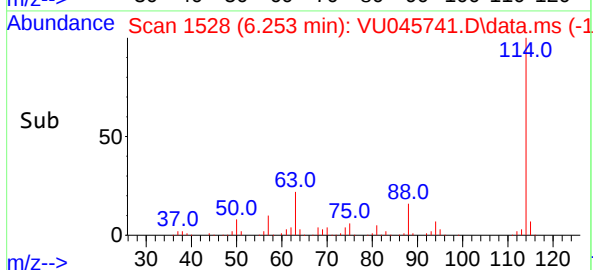
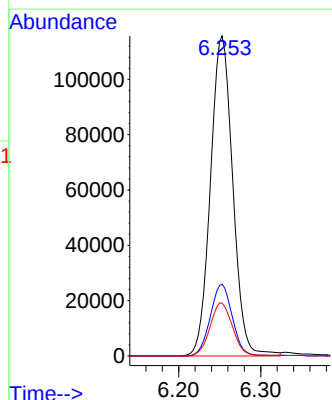
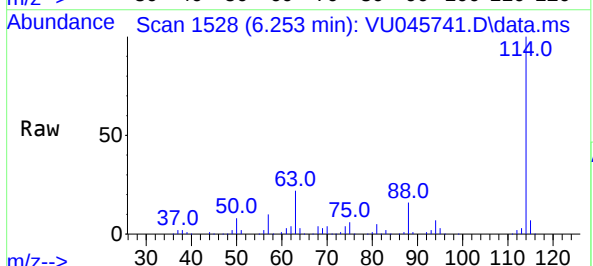
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109

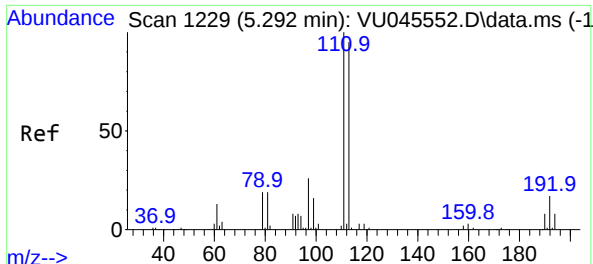
Tgt Ion: 65 Resp: 96481
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

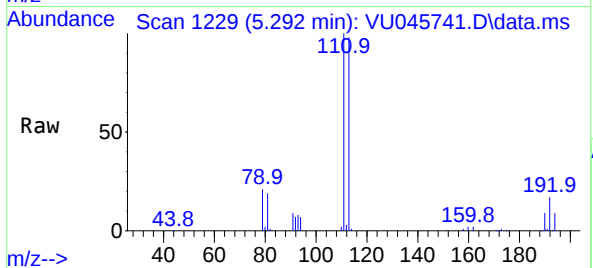
Tgt Ion: 114 Resp: 219057
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.6
88 16.5 0.0 33.8



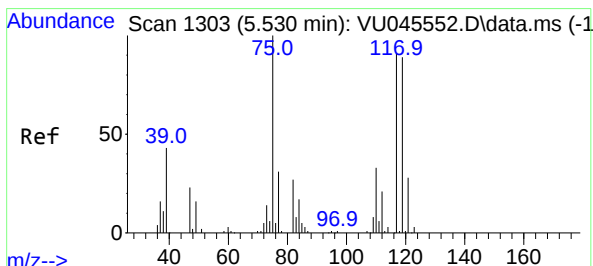
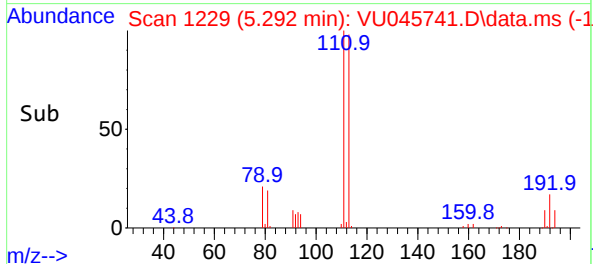
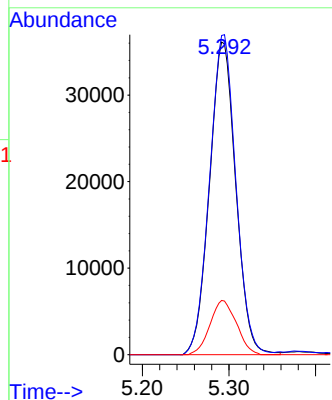


#35
Dibromofluoromethane
Concen: 52.088 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109

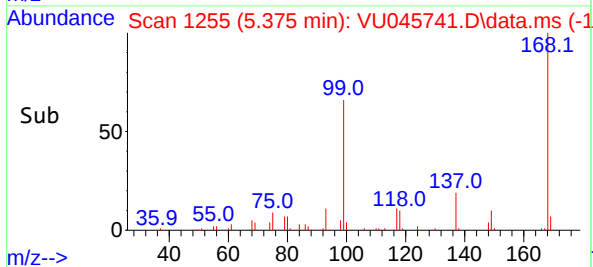
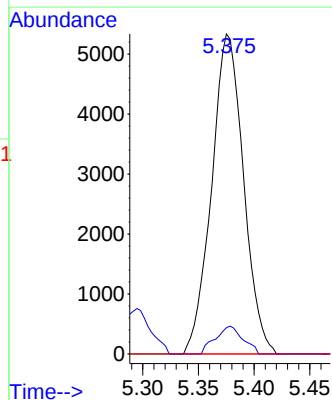
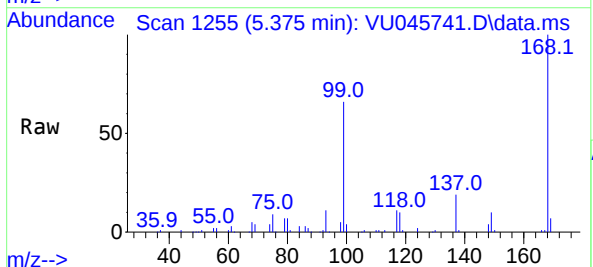


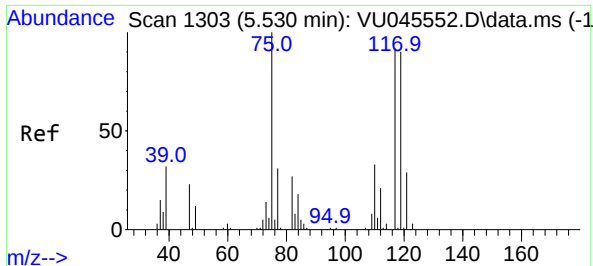
Tgt Ion:113 Resp: 76180
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 17.5 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

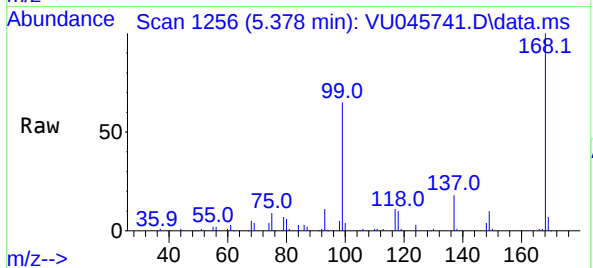
Tgt Ion: 75 Resp: 10635
Ion Ratio Lower Upper
75 100
110 7.5 16.7 50.0#
77 0.0 25.0 37.4#



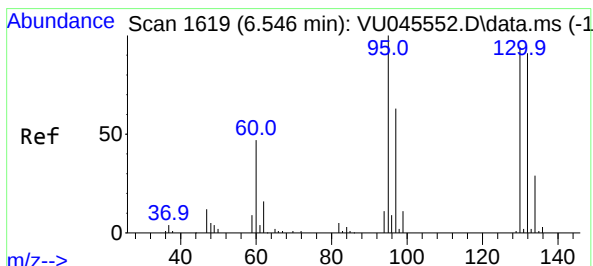
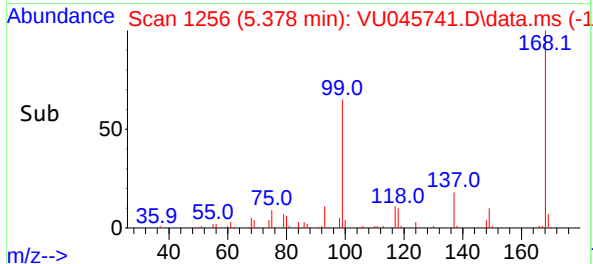
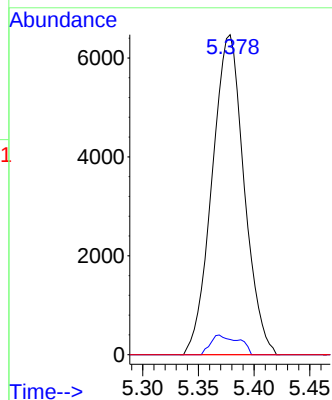


#38
Carbon Tetrachloride
Concen: 6.028 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109

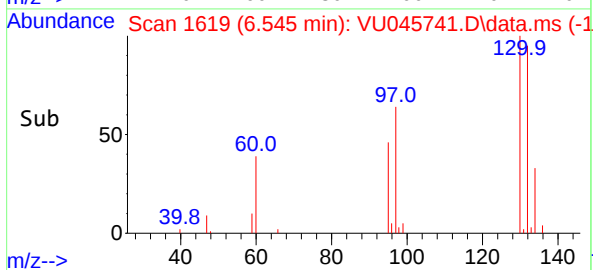
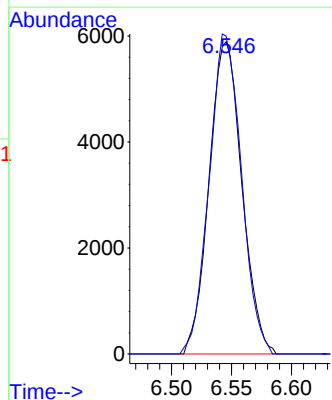
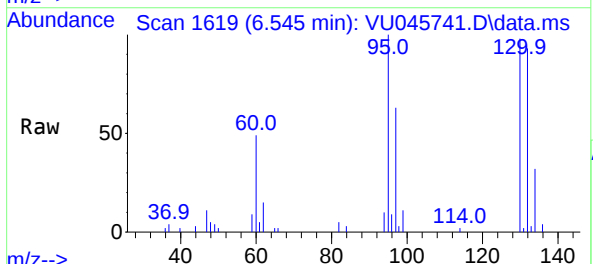


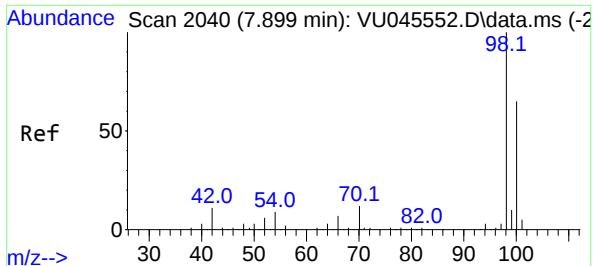
Tgt Ion:117 Resp: 12981
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.0#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 7.396 ug/l
RT: 6.545 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

Tgt Ion:130 Resp: 11196
Ion Ratio Lower Upper
130 100
95 101.8 0.0 211.4

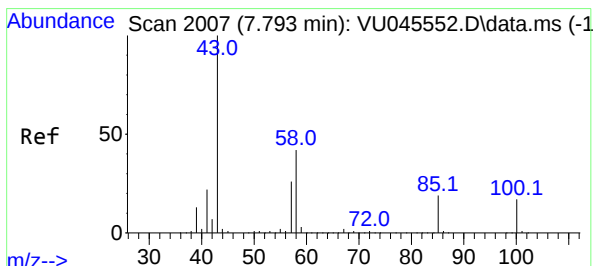
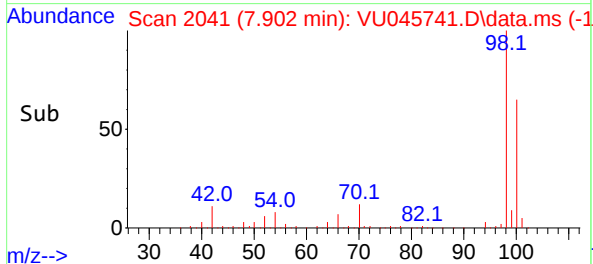
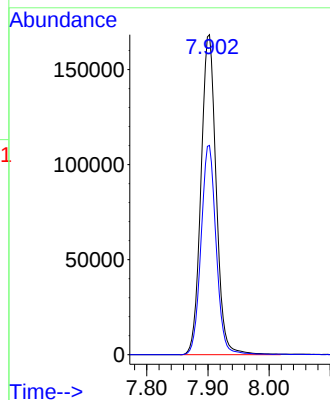
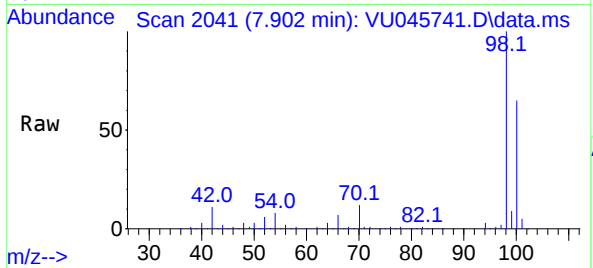




#50
Toluene-d8
Concen: 53.425 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

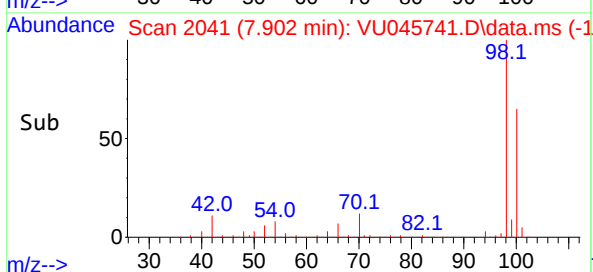
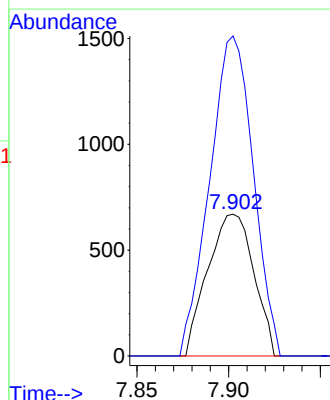
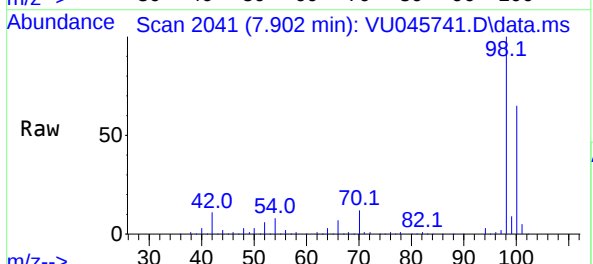
Instrument :
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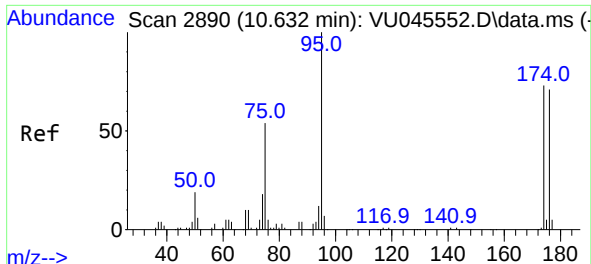
Tgt Ion: 98 Resp: 290548
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.109 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
58 213.1 33.8 50.8#

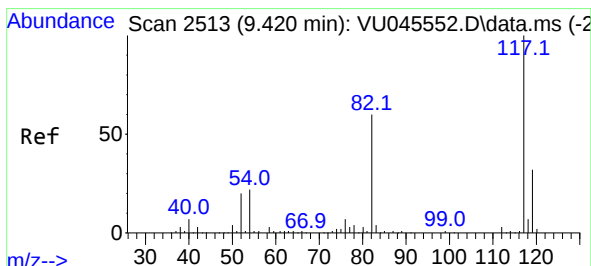
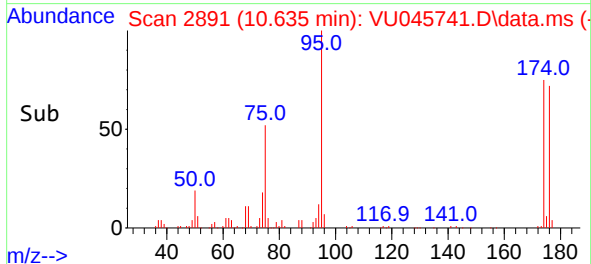
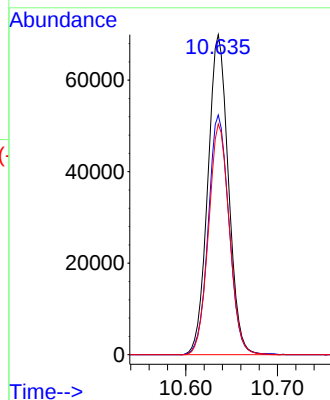
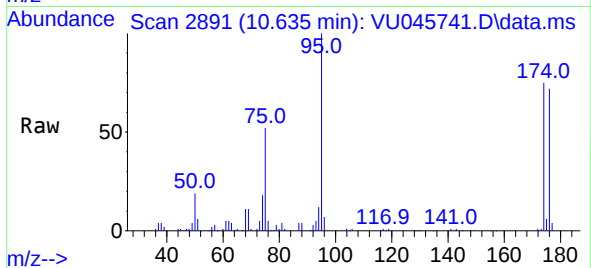




#62
4-Bromofluorobenzene
Concen: 50.006 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

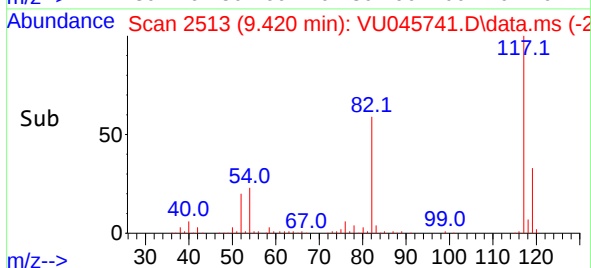
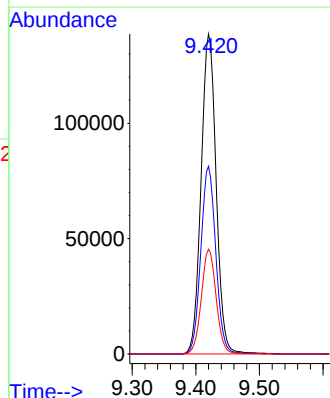
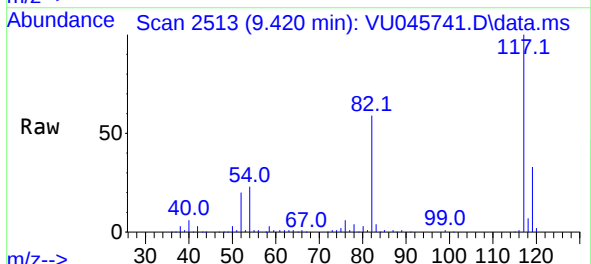
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109

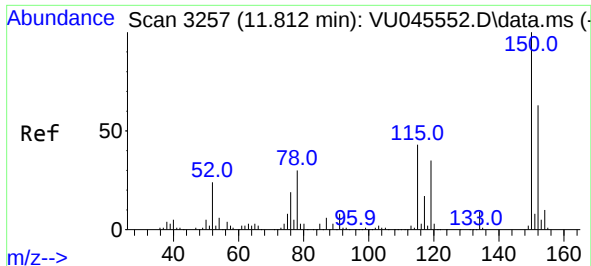
Tgt Ion: 95 Resp: 109052
Ion Ratio Lower Upper
95 100
174 75.5 0.0 141.8
176 72.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

Tgt Ion: 117 Resp: 228123
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 32.7 25.8 38.8

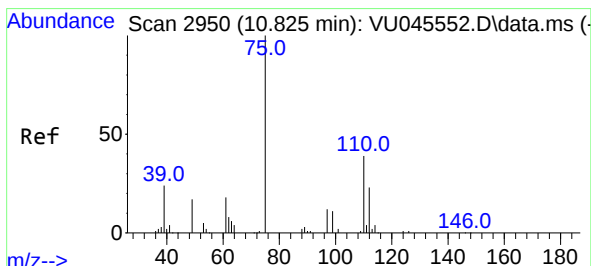
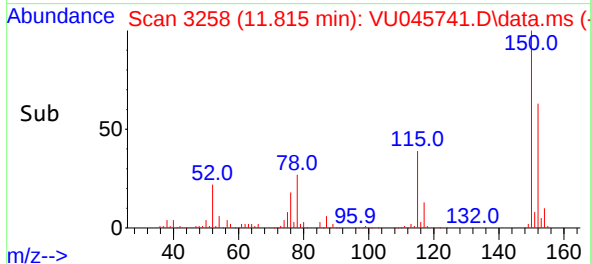
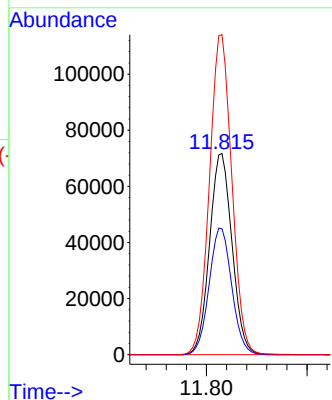
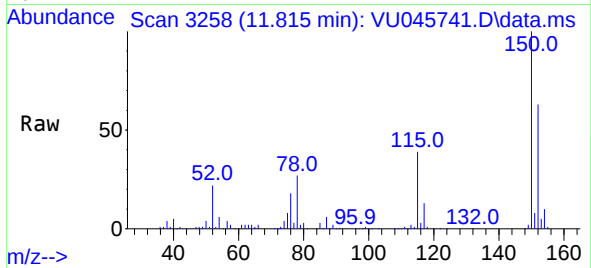




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

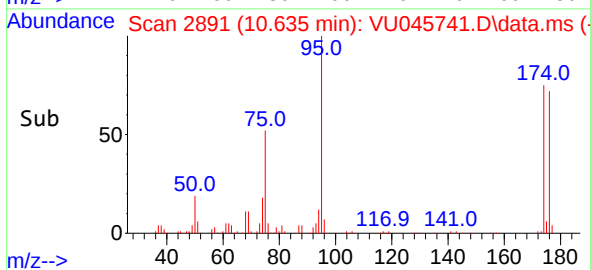
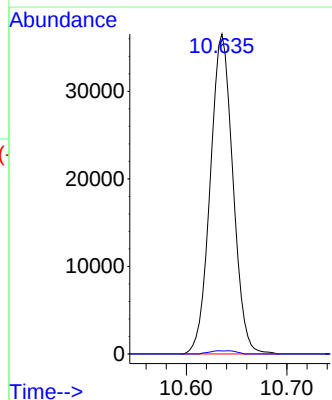
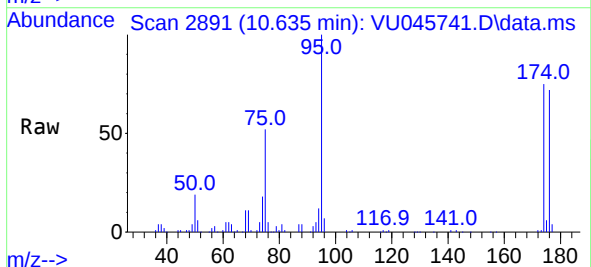
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109

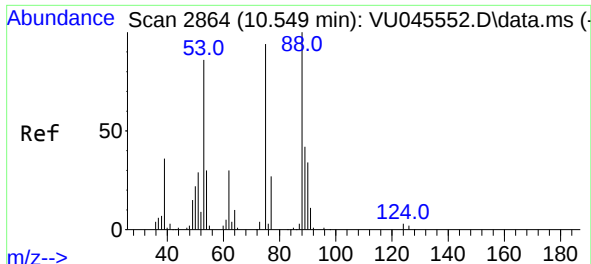
Tgt Ion:152 Resp: 111404
Ion Ratio Lower Upper
152 100
115 63.3 42.7 128.1
150 158.1 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.959 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

Tgt Ion: 75 Resp: 57293
Ion Ratio Lower Upper
75 100
77 0.6 17.1 51.3#

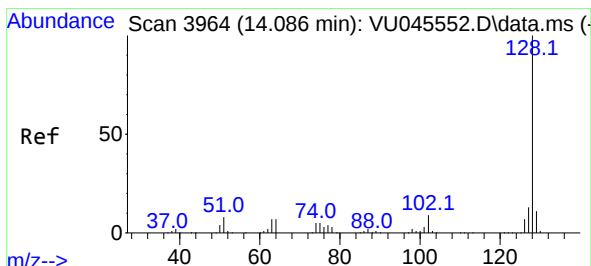
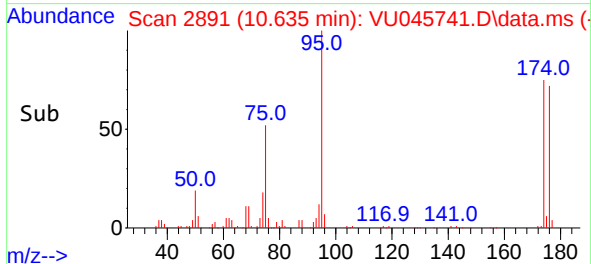
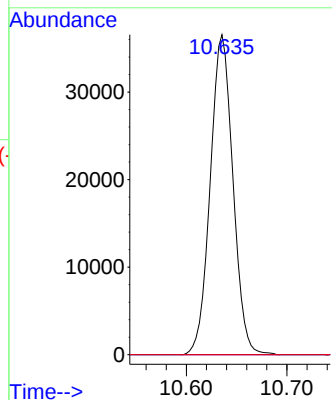
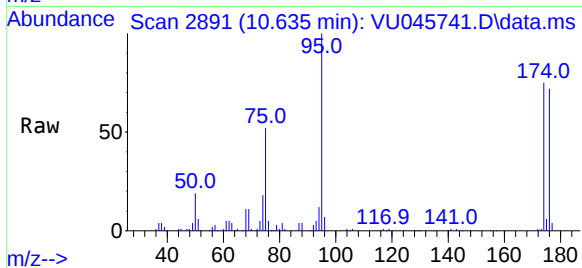




#81
trans-1,4-Dichloro-2-butene
Concen: 55.223 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109

Tgt Ion: 75 Resp: 57293
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.056 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU045741.D
Acq: 11 Nov 2021 16:13

Tgt Ion: 128 Resp: 254
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

