

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045717.D
 Acq On : 11 Nov 2021 03:18
 Operator : SY/MD
 Sample : M4594-03DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20BR-20211108DL

Quant Time: Nov 11 13:08:53 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)

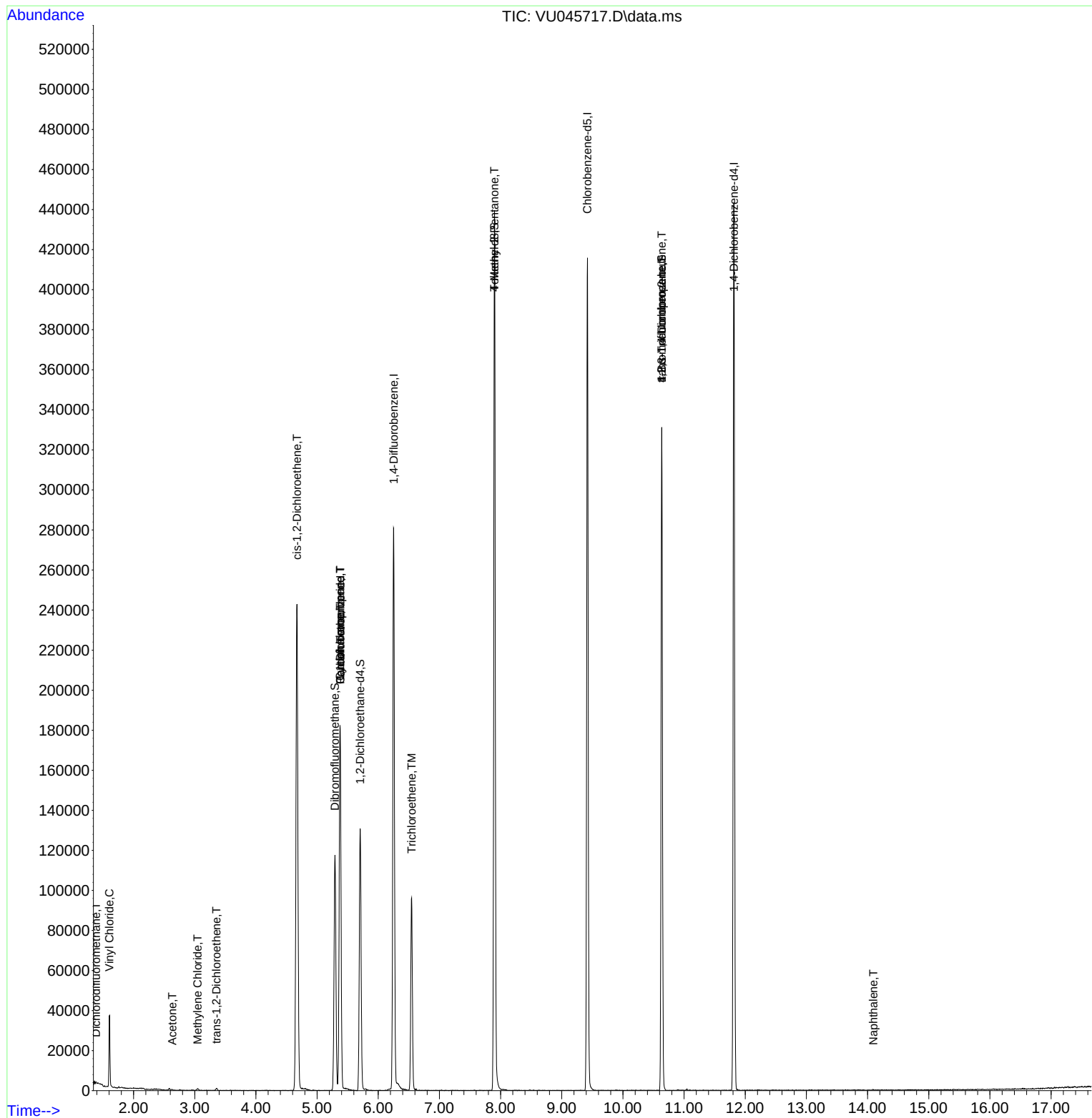
Internal Standards						
1) Pentafluorobenzene	5.378	168	122034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	220209	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	226370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	112113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	96721	52.922	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.840%	
35) Dibromofluoromethane	5.292	113	75152	51.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.240%	
50) Toluene-d8	7.899	98	292484	53.500	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.000%	
62) 4-Bromofluorobenzene	10.635	95	109312	49.863	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	783	0.495	ug/l	85
4) Vinyl Chloride	1.604	62	23531	13.343	ug/l	100
16) Acetone	2.633	43	562	0.604	ug/l #	42
20) Methylene Chloride	3.044	84	500	0.309	ug/l #	82
21) trans-1,2-Dichloroethene	3.353	96	448	0.321	ug/l	83
27) cis-1,2-Dichloroethene	4.671	96	126652	77.202	ug/l	90
31) Cyclohexane	5.375	56	2721	1.020	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	11090	5.165	ug/l #	50
38) Carbon Tetrachloride	5.378	117	12974	5.993	ug/l #	15
44) Trichloroethene	6.546	130	31449	20.667	ug/l	99
51) 4-Methyl-2-Pentanone	7.899	43	1179	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	57578	16.935	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	57578	55.150	ug/l #	12
95) Naphthalene	14.095	128	198	1.050	ug/l #	69

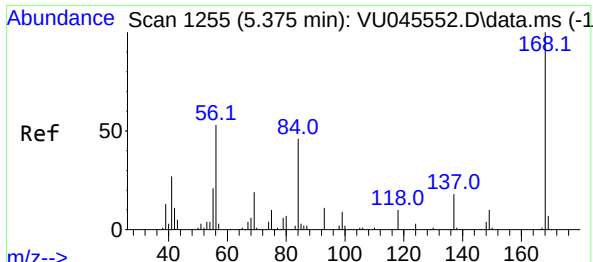
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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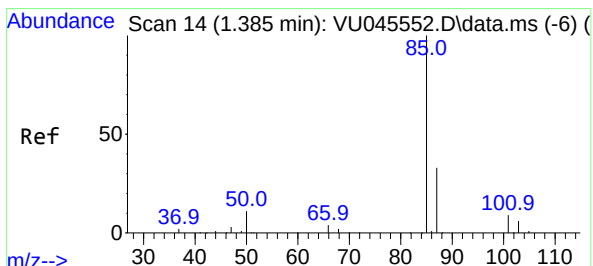
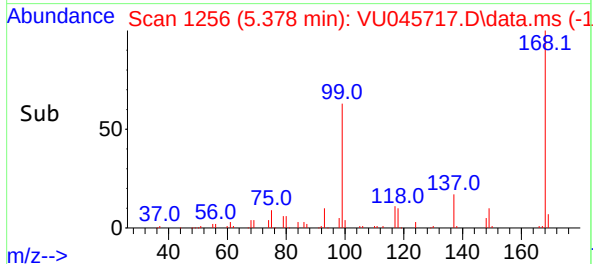
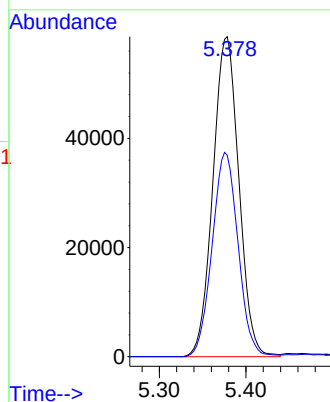
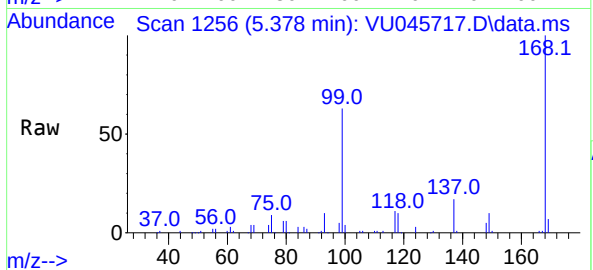




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

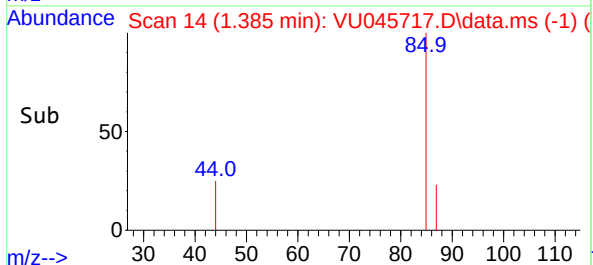
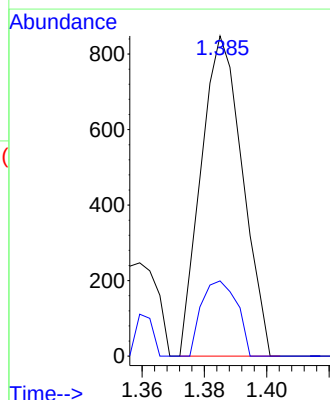
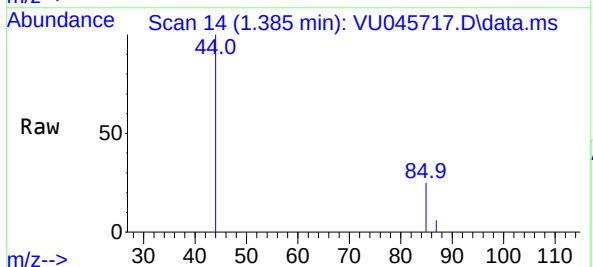
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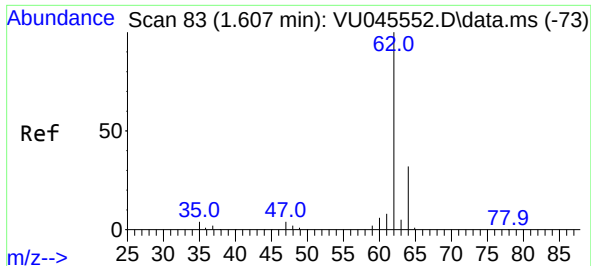
Tgt Ion:168 Resp: 122034
Ion Ratio Lower Upper
168 100
99 63.0 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.495 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

Tgt Ion: 85 Resp: 783
Ion Ratio Lower Upper
85 100
87 23.5 15.9 47.7

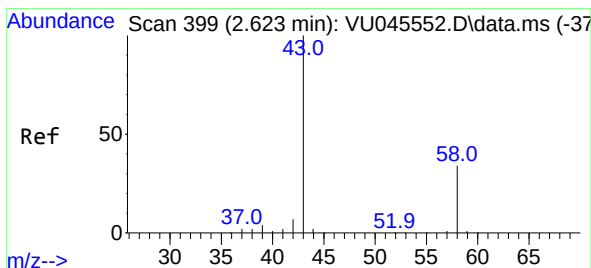
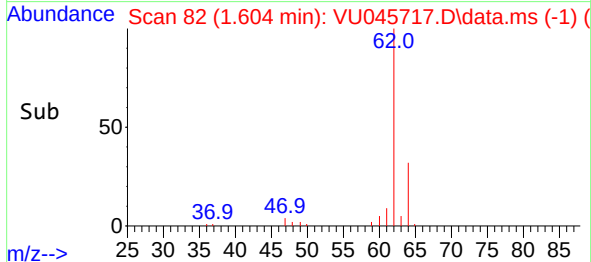
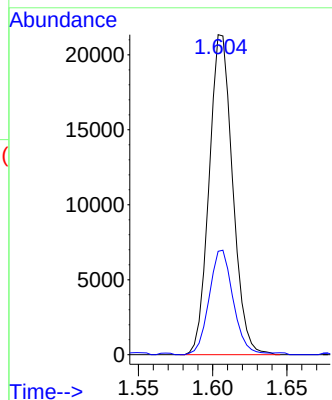
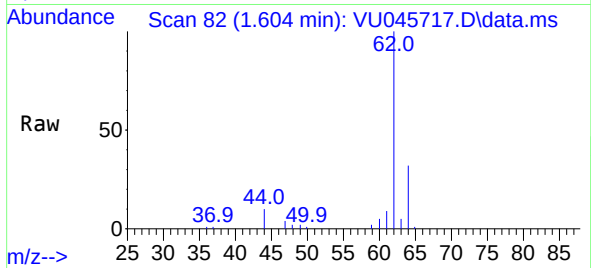




#4
 Vinyl Chloride
 Concen: 13.343 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045717.D
 Acq: 11 Nov 2021 03:18

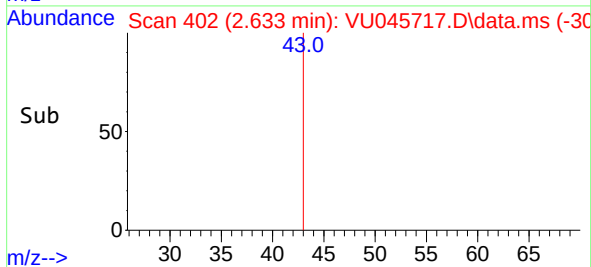
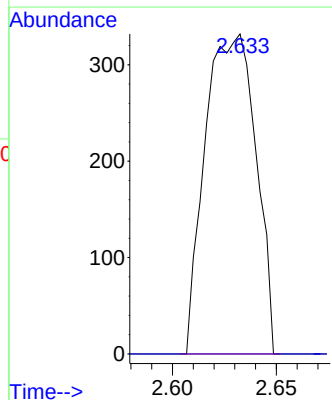
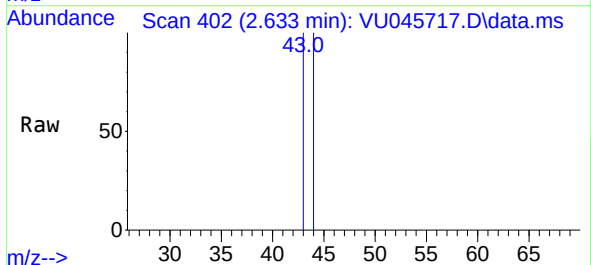
Instrument :
 MSVOA_U
 ClientSampleId :
 20BR-20211108DL

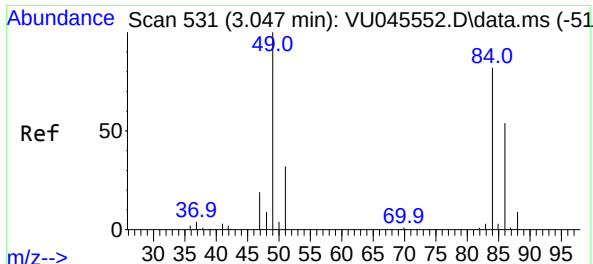
Tgt Ion: 62 Resp: 23531
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.8 38.6



#16
 Acetone
 Concen: 0.604 ug/l
 RT: 2.633 min Scan# 402
 Delta R.T. 0.010 min
 Lab File: VU045717.D
 Acq: 11 Nov 2021 03:18

Tgt Ion: 43 Resp: 562
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.2 39.2#

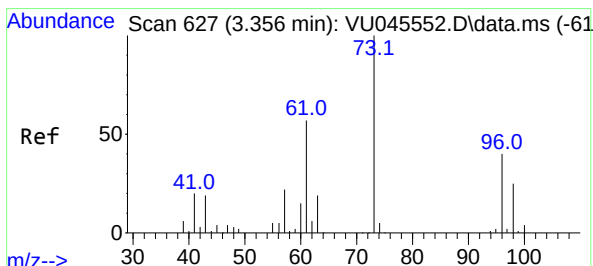
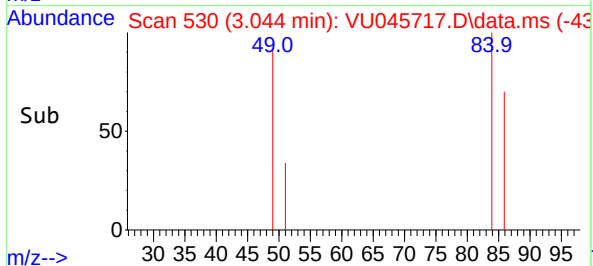
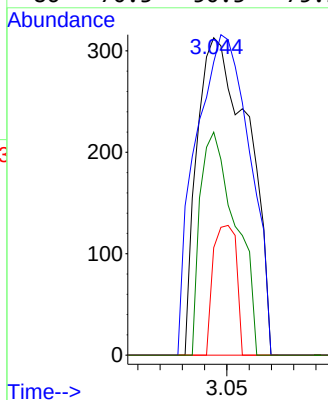
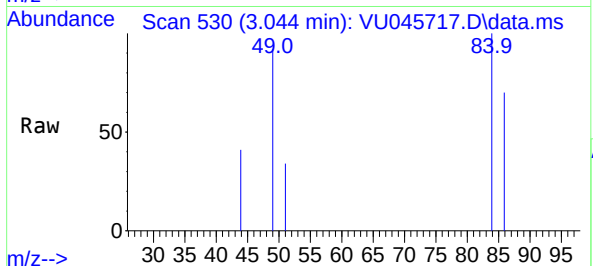




#20
Methylene Chloride
Concen: 0.309 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

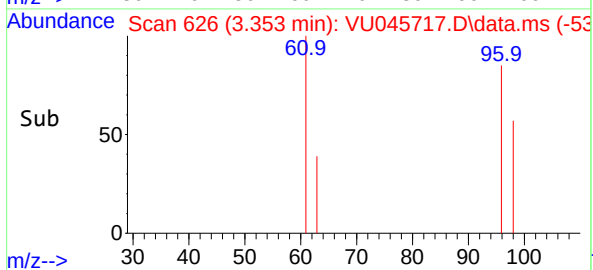
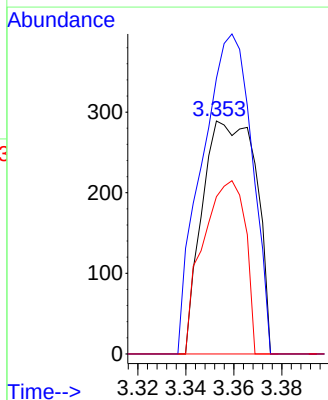
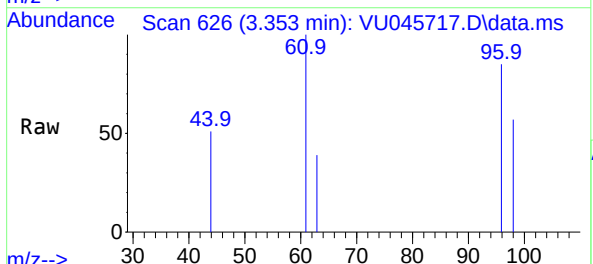
Instrument :
MSVOA_U
ClientSampleId :
20BR-20211108DL

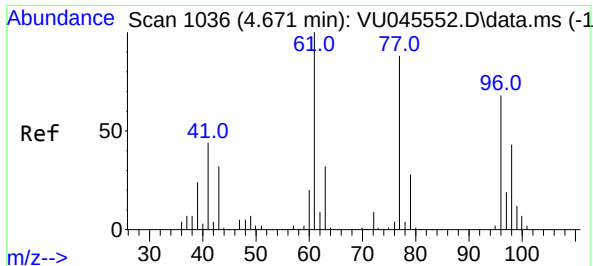
Tgt Ion:	84	Resp:	500
Ion	Ratio	Lower	Upper
84	100		
49	92.3	96.4	144.6#
51	33.9	30.5	45.7
86	70.3	50.3	75.5



#21
trans-1,2-Dichloroethene
Concen: 0.321 ug/l
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

Tgt Ion:	96	Resp:	448
Ion	Ratio	Lower	Upper
96	100		
61	118.3	118.2	177.4
98	67.5	52.1	78.1

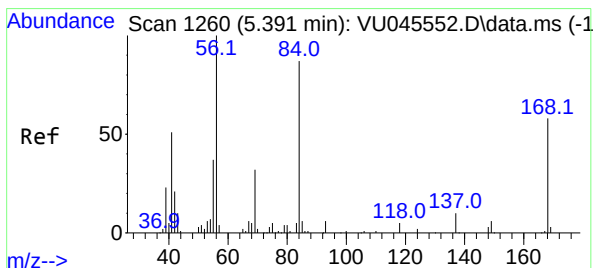
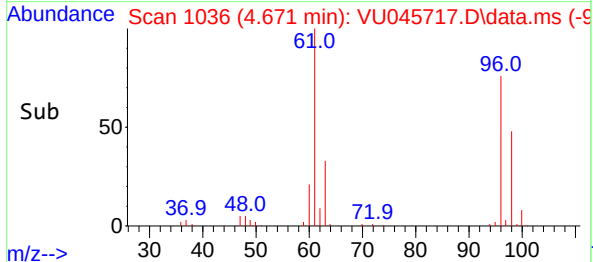
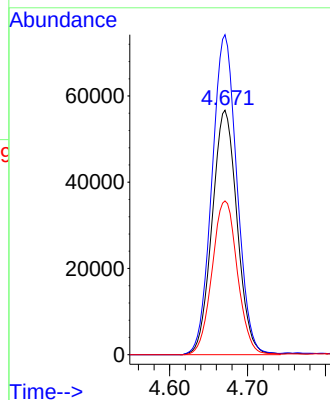
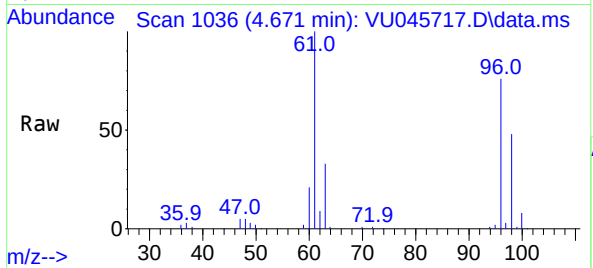




#27
 cis-1,2-Dichloroethene
 Concen: 77.202 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045717.D
 Acq: 11 Nov 2021 03:18

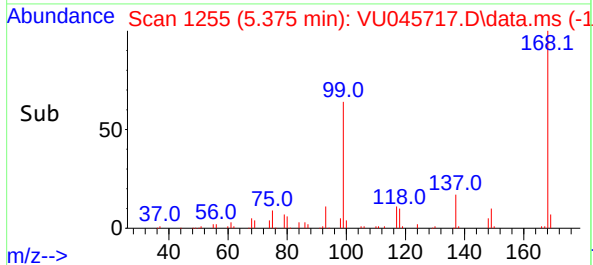
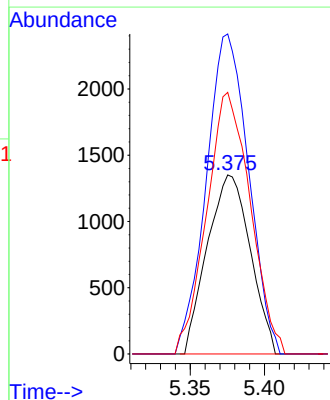
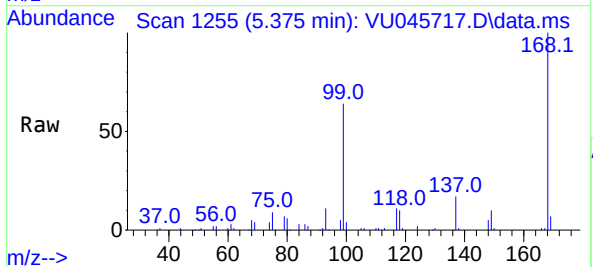
Instrument :
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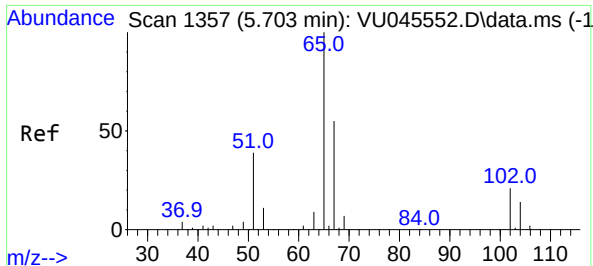
Tgt Ion: 96 Resp: 126652
 Ion Ratio Lower Upper
 96 100
 61 130.7 0.0 299.2
 98 63.7 0.0 127.6



#31
 Cyclohexane
 Concen: 1.020 ug/l
 RT: 5.375 min Scan# 1255
 Delta R.T. -0.016 min
 Lab File: VU045717.D
 Acq: 11 Nov 2021 03:18

Tgt Ion: 56 Resp: 2721
 Ion Ratio Lower Upper
 56 100
 69 178.6 26.4 39.6#
 84 137.0 68.4 102.6#

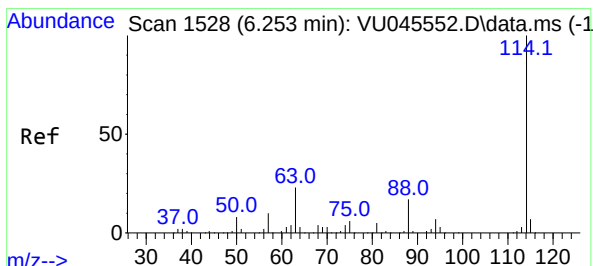
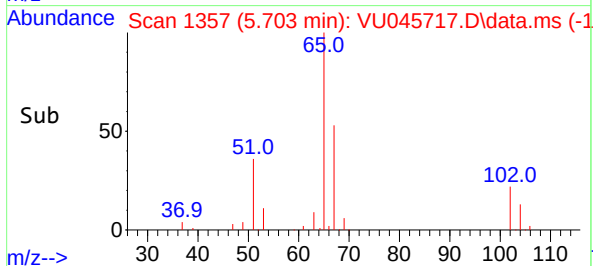
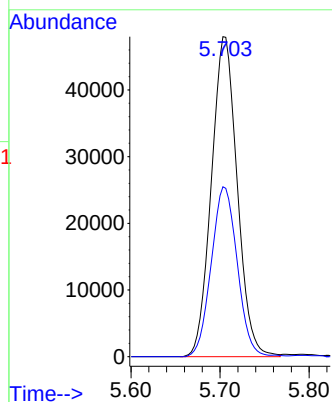
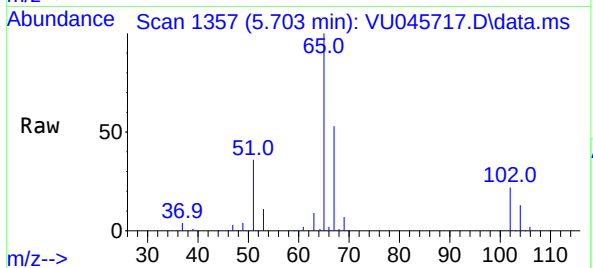




#33
1,2-Dichloroethane-d4
Concen: 52.922 ug/l
RT: 5.703 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

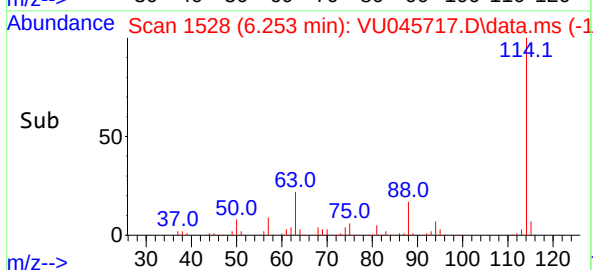
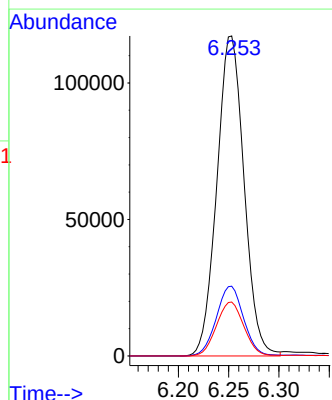
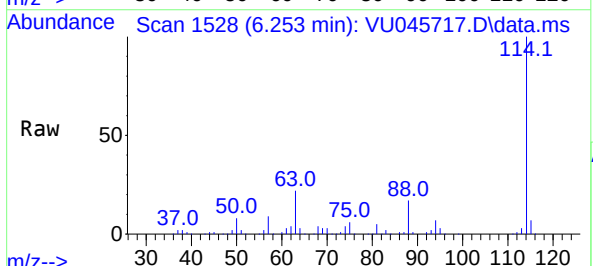
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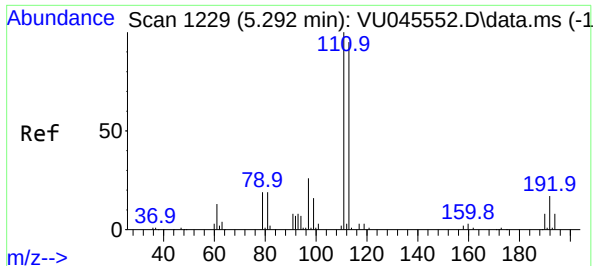
Tgt Ion: 65 Resp: 96721
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

Tgt Ion: 114 Resp: 220209
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.6
88 16.8 0.0 33.8

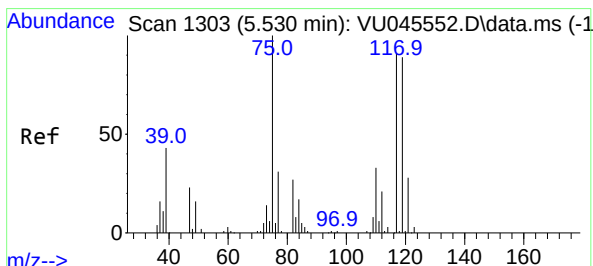
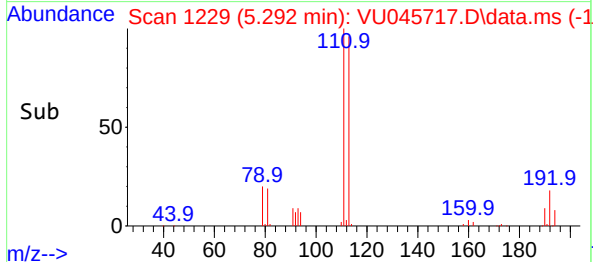
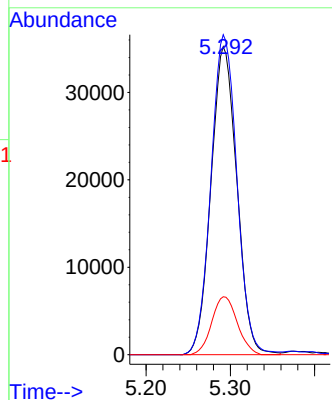
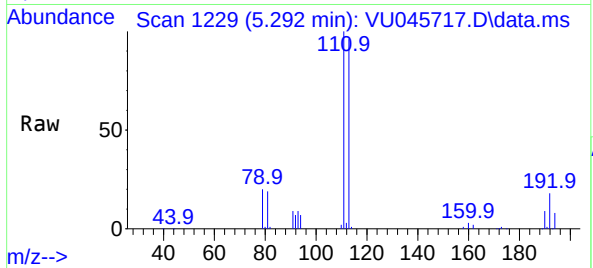




#35
Dibromofluoromethane
Concen: 51.116 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

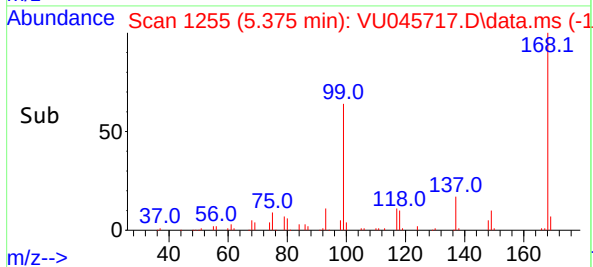
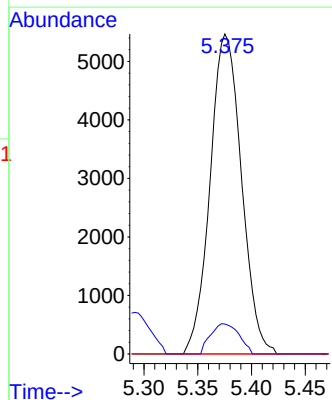
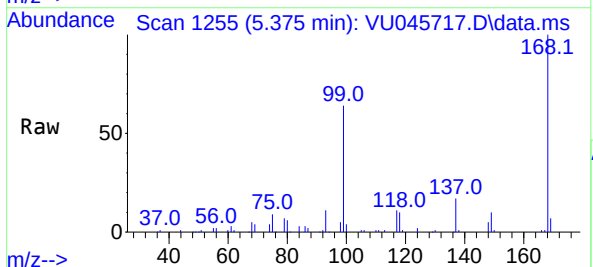
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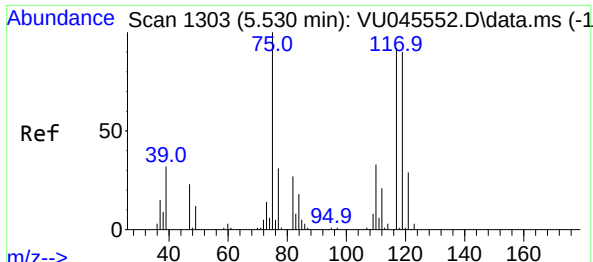
Tgt Ion:	113	Resp:	75152
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.8	124.2
192	18.6	14.8	22.2



#36
1,1-Dichloropropene
Concen: 5.165 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

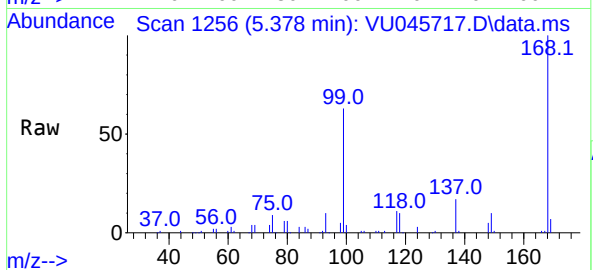
Tgt Ion:	75	Resp:	11090
Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.7	50.0#
77	0.0	25.0	37.4#



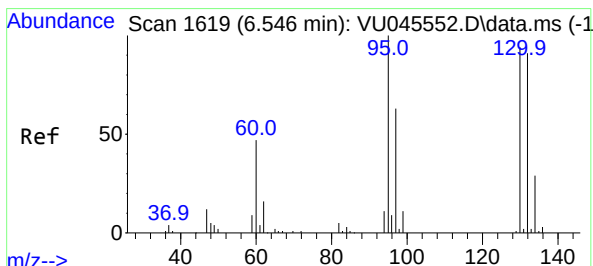
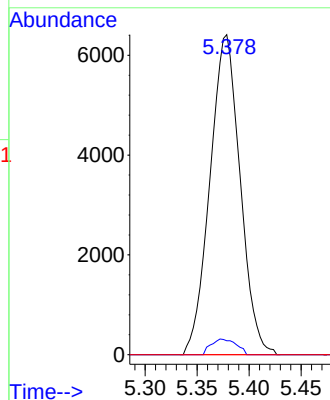
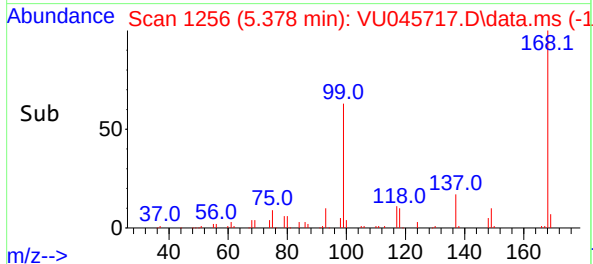


#38
Carbon Tetrachloride
Concen: 5.993 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

Instrument :
MSVOA_U
ClientSampleId :
20BR-20211108DL

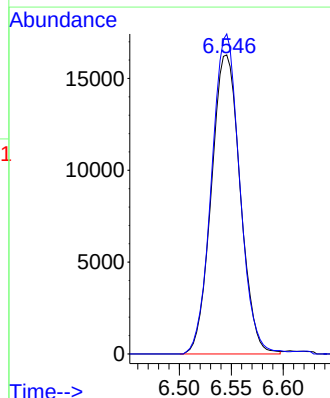
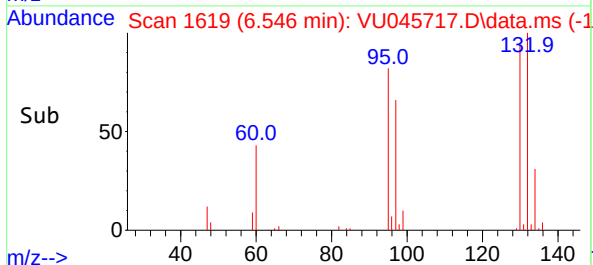
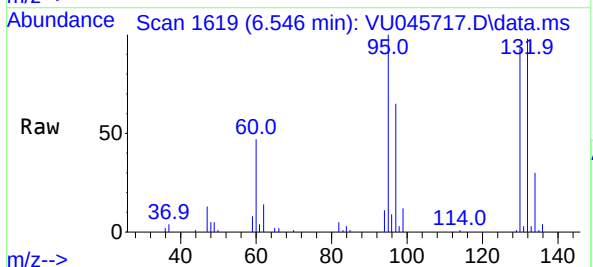


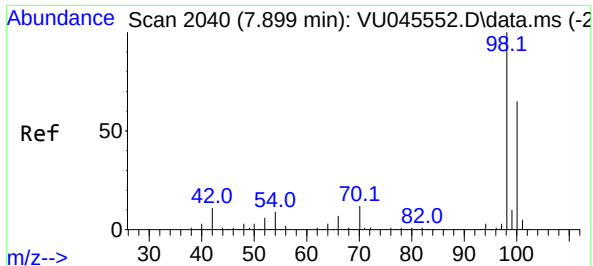
Tgt Ion:117 Resp: 12974
Ion Ratio Lower Upper
117 100
119 4.4 77.4 116.0#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 20.667 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

Tgt Ion:130 Resp: 31449
Ion Ratio Lower Upper
130 100
95 107.0 0.0 211.4

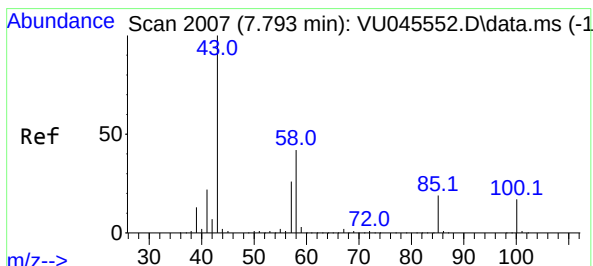
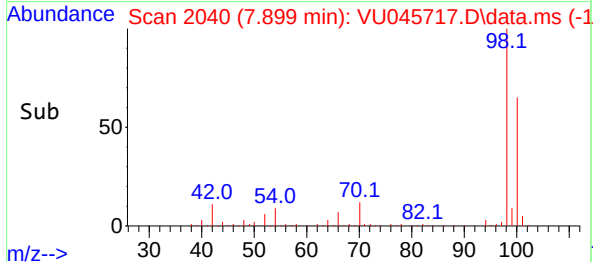
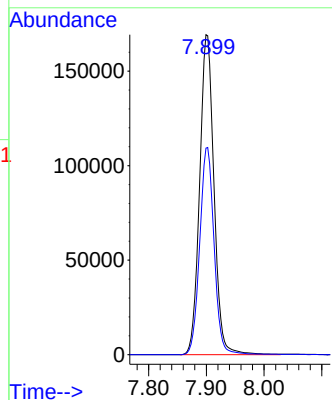
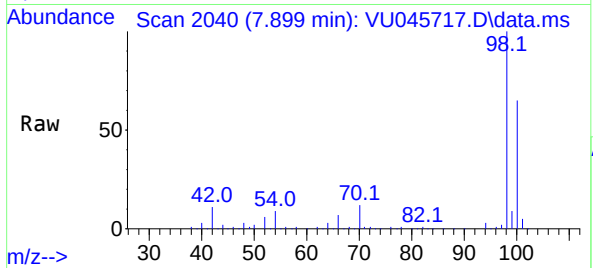




#50
Toluene-d8
Concen: 53.500 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

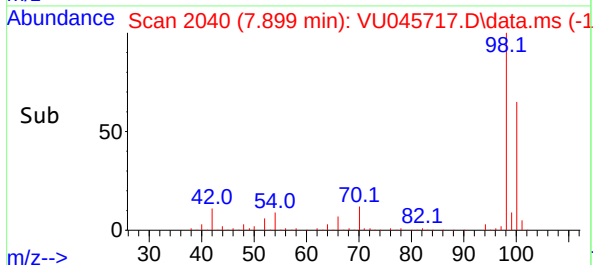
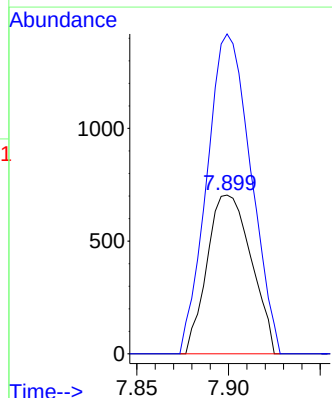
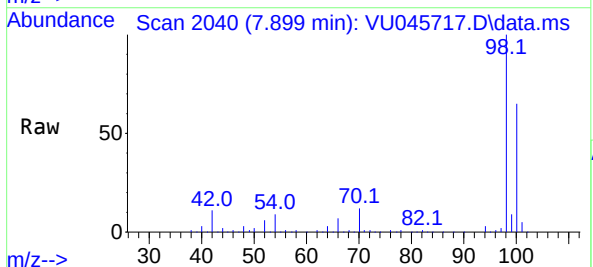
Instrument :
MSVOA_U
ClientSampleId :
20BR-20211108DL

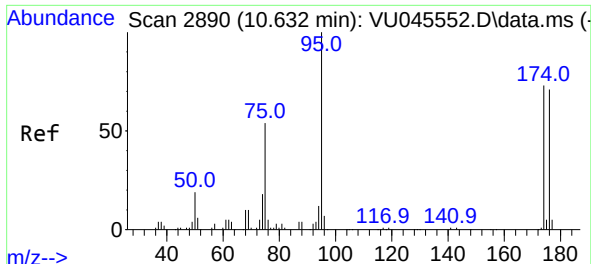
Tgt Ion: 98 Resp: 292484
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 200.3 33.8 50.8#

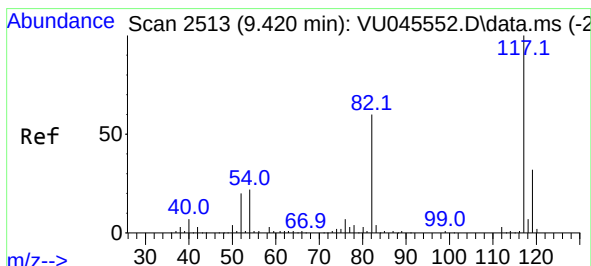
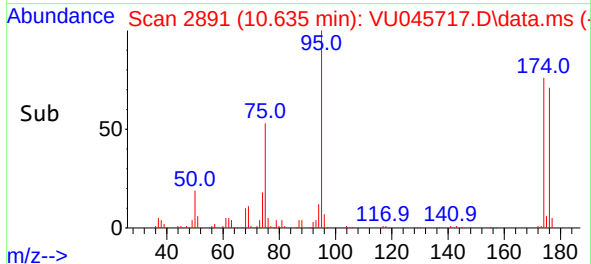
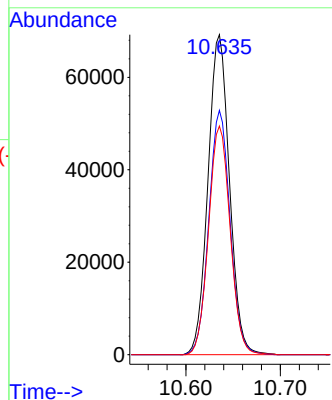
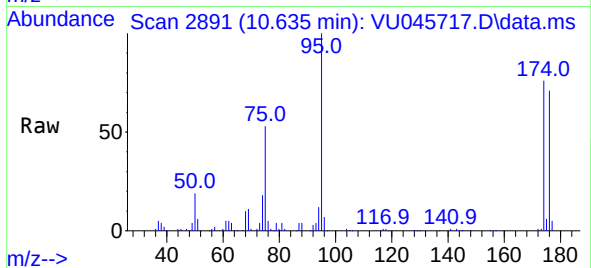




#62
4-Bromofluorobenzene
Concen: 49.863 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

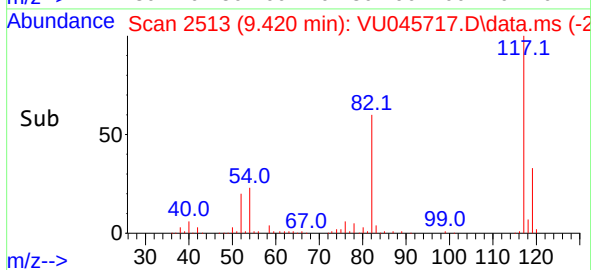
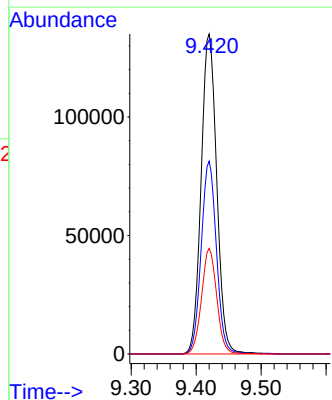
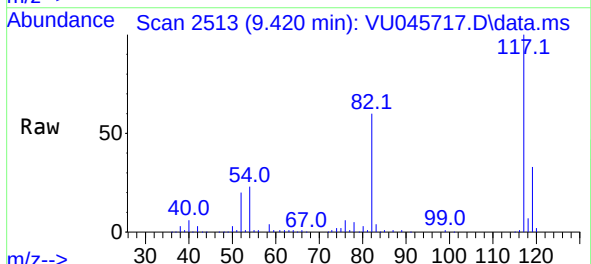
Instrument :
MSVOA_U
ClientSampleId :
20BR-20211108DL

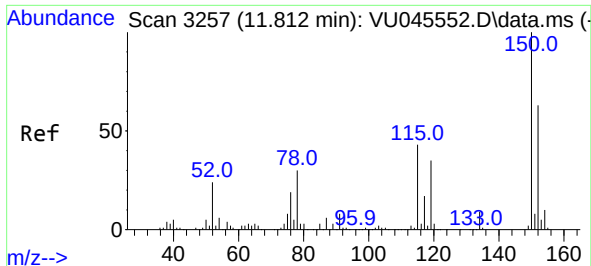
Tgt Ion: 95 Resp: 109312
Ion Ratio Lower Upper
95 100
174 75.8 0.0 141.8
176 71.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

Tgt Ion: 117 Resp: 226370
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 33.0 25.8 38.8

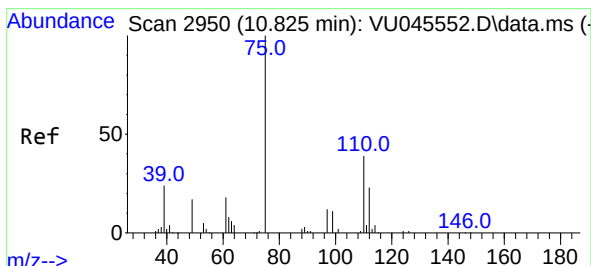
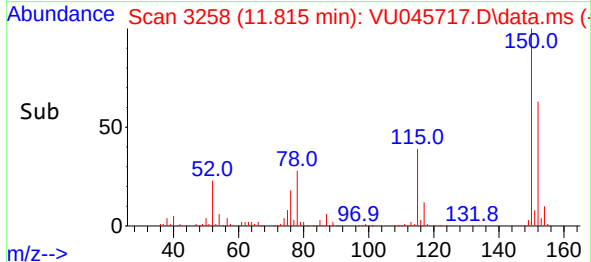
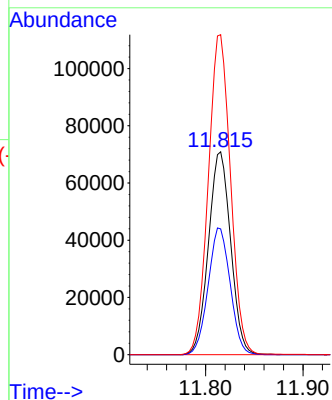
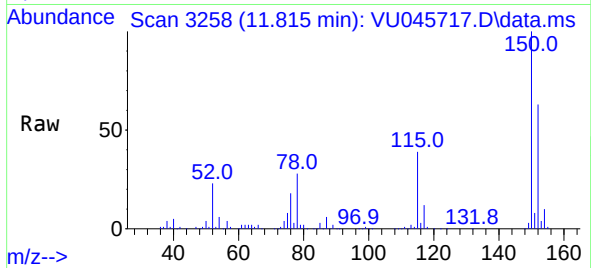




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045717.D
 Acq: 11 Nov 2021 03:18

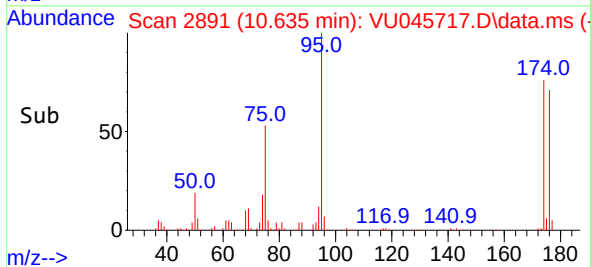
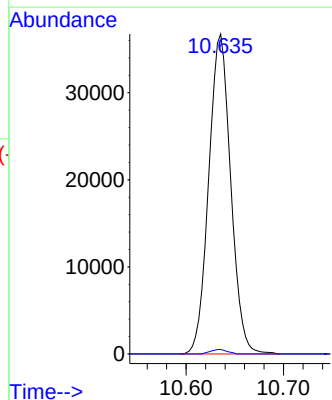
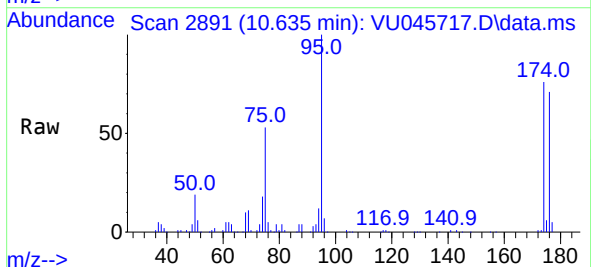
Instrument :
 MSVOA_U
 ClientSampleId :
 20BR-20211108DL

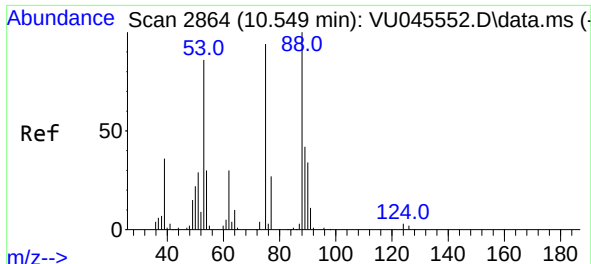
Tgt Ion:152 Resp: 112113
 Ion Ratio Lower Upper
 152 100
 115 62.0 42.7 128.1
 150 157.9 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 16.935 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045717.D
 Acq: 11 Nov 2021 03:18

Tgt Ion: 75 Resp: 57578
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.1 51.3#

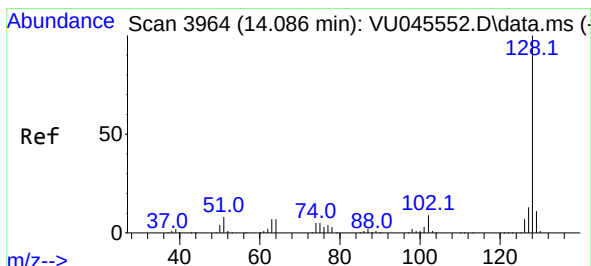
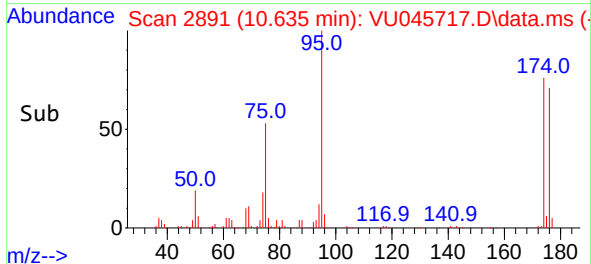
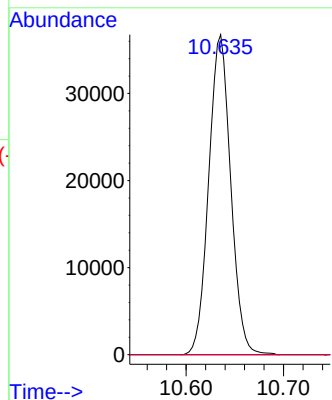
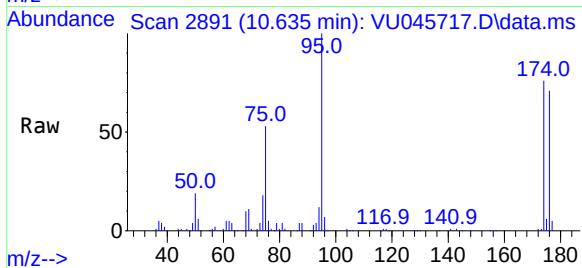




#81
trans-1,4-Dichloro-2-butene
Concen: 55.150 ug/l
RT: 10.635 min Scan# 2864
Delta R.T. 0.086 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

Instrument :
MSVOA_U
ClientSampleId :
20BR-20211108DL

Tgt Ion: 75 Resp: 57578
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.050 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU045717.D
Acq: 11 Nov 2021 03:18

Tgt Ion:128 Resp: 198
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

