

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045719.D
 Acq On : 11 Nov 2021 04:04
 Operator : SY/MD
 Sample : M4594-08DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108

Quant Time: Nov 11 13:09:33 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)

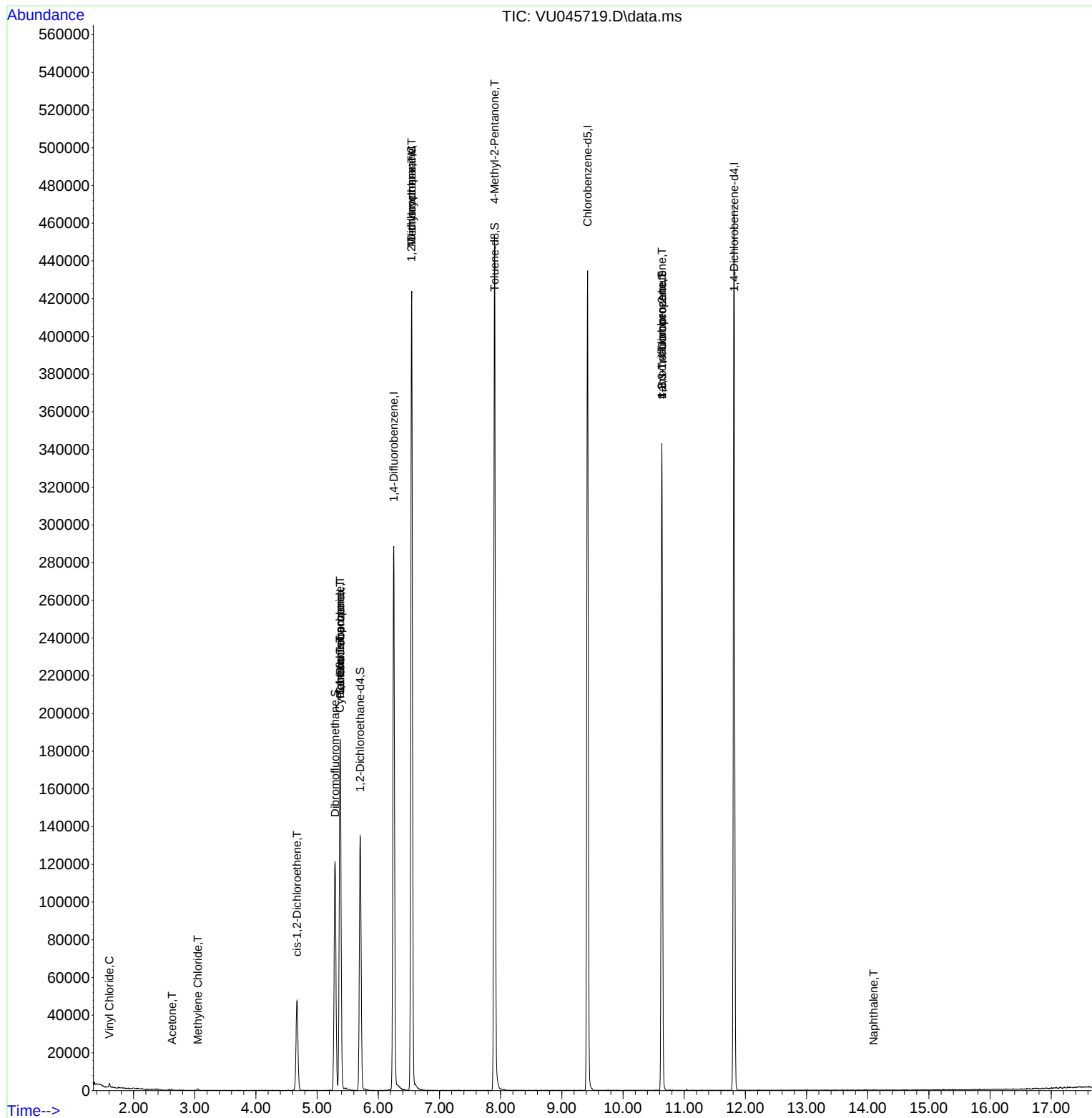
Internal Standards						
1) Pentafluorobenzene	5.378	168	122919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	226750	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	234898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	116328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	99668	54.142	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.280%	
35) Dibromofluoromethane	5.292	113	77480	51.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.360%	
50) Toluene-d8	7.899	98	298384	53.005	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	10.635	95	111865	49.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.120%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.604	62	1451	0.817	ug/l	96
16) Acetone	2.629	43	578	0.617	ug/l	97
20) Methylene Chloride	3.047	84	354	0.217	ug/l #	44
27) cis-1,2-Dichloroethene	4.671	96	25545	15.459	ug/l	88
31) Cyclohexane	5.372	56	2783	1.036	ug/l #	2
36) 1,1-Dichloropropene	5.375	75	10922	4.940	ug/l #	50
38) Carbon Tetrachloride	5.375	117	12964	5.816	ug/l #	15
39) Methylcyclohexane	6.546	83	1722	0.635	ug/l #	1
44) Trichloroethene	6.546	130	140674	89.779	ug/l	99
45) 1,2-Dichloropropane	6.542	63	516	0.298	ug/l #	1
51) 4-Methyl-2-Pentanone	7.902	43	1116	0.435	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	59406	16.840	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	59406	54.857	ug/l #	12
95) Naphthalene	14.098	128	74	1.037	ug/l #	69

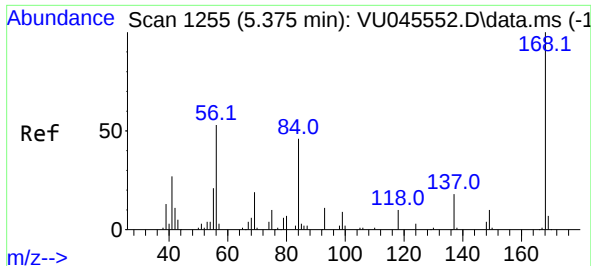
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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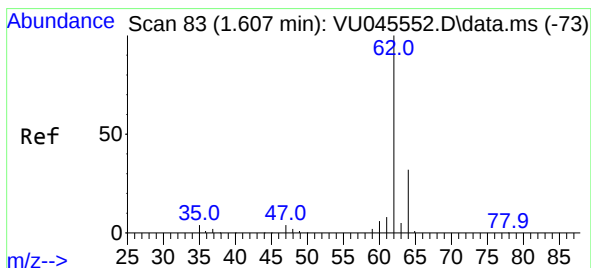
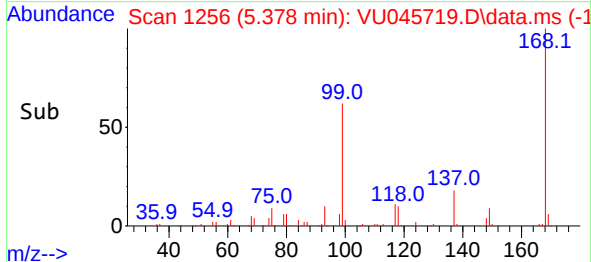
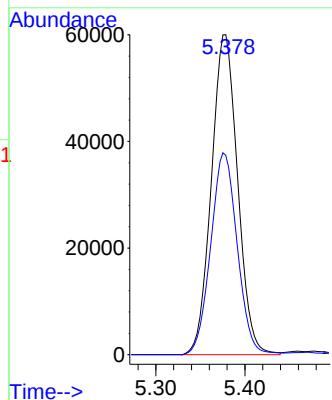
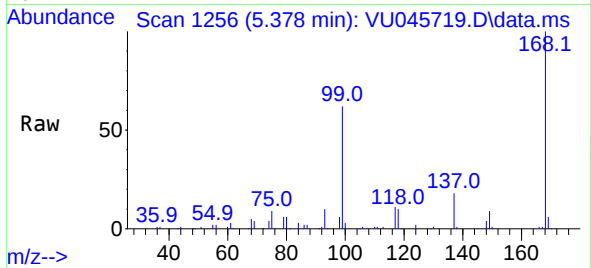




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

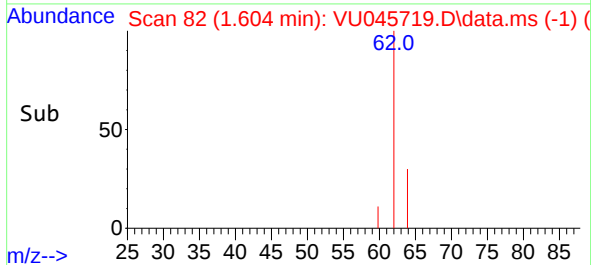
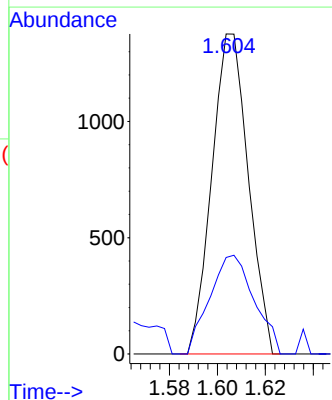
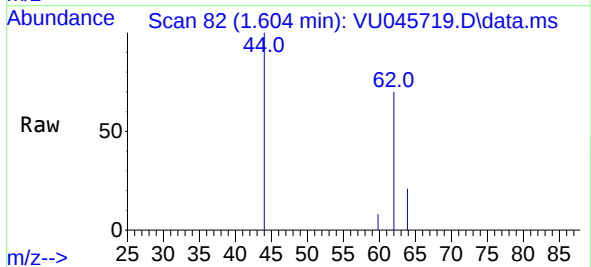
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108

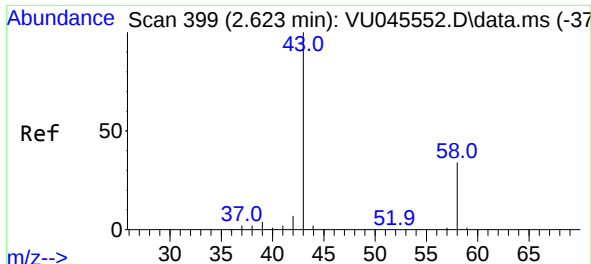
Tgt Ion:168 Resp: 122919
Ion Ratio Lower Upper
168 100
99 62.3 51.0 76.6



#4
Vinyl Chloride
Concen: 0.817 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

Tgt Ion: 62 Resp: 1451
Ion Ratio Lower Upper
62 100
64 30.2 25.8 38.6

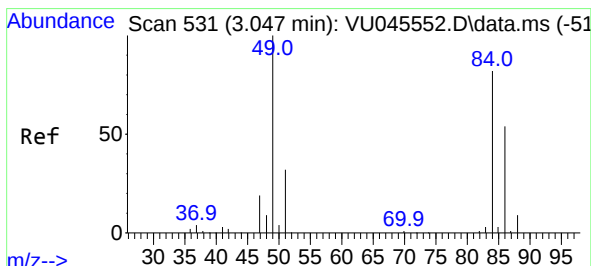
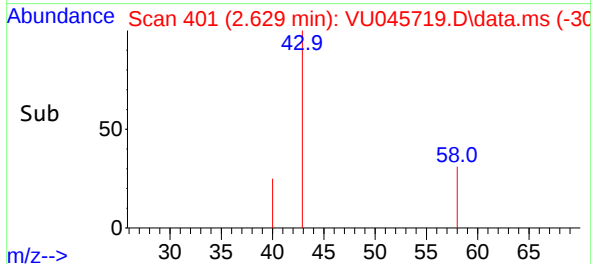
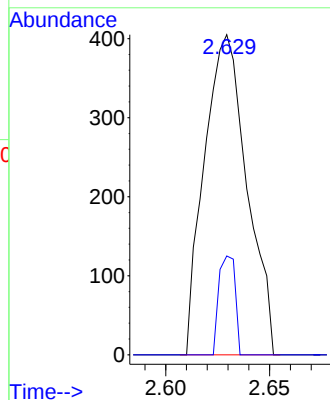
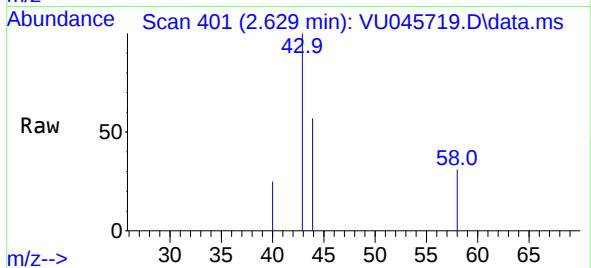




#16
Acetone
Concen: 0.617 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

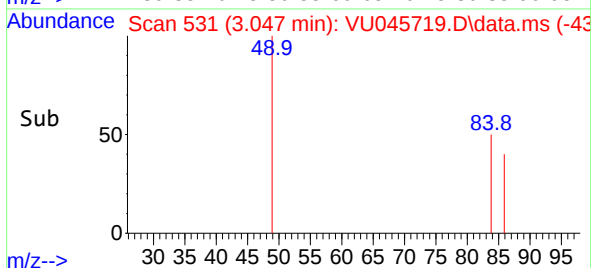
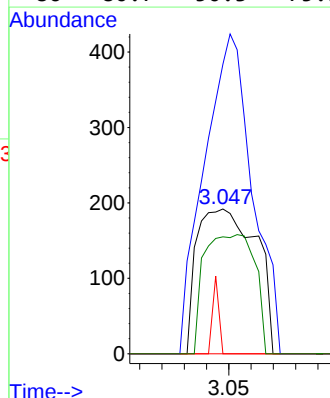
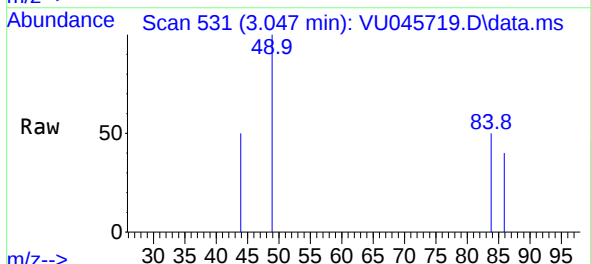
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108

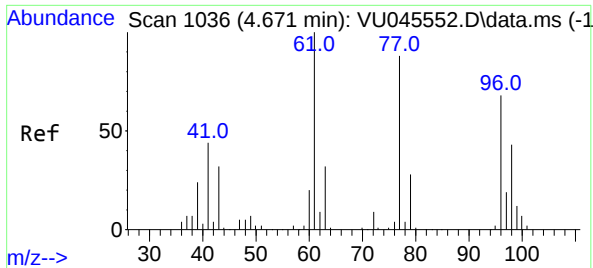
Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
58 30.9 26.2 39.2



#20
Methylene Chloride
Concen: 0.217 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

Tgt Ion: 84 Resp: 354
Ion Ratio Lower Upper
84 100
49 200.0 96.4 144.6#
51 0.0 30.5 45.7#
86 80.7 50.3 75.5#

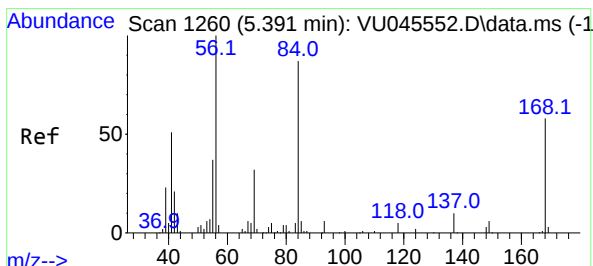
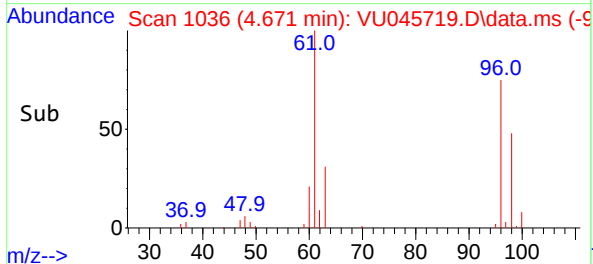
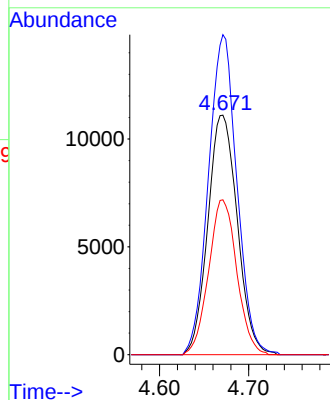
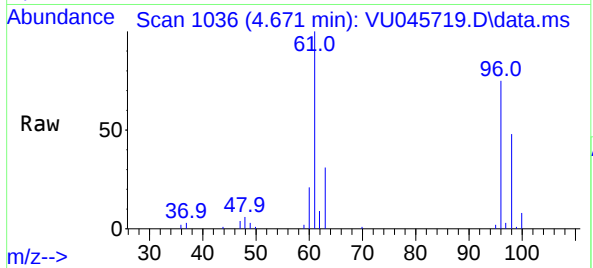




#27
 cis-1,2-Dichloroethene
 Concen: 15.459 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045719.D
 Acq: 11 Nov 2021 04:04

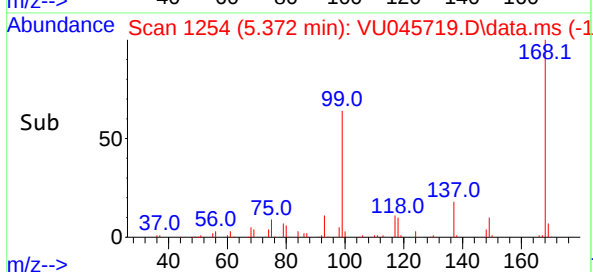
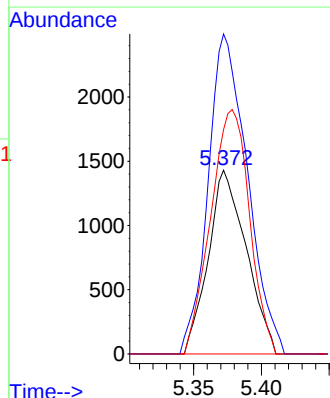
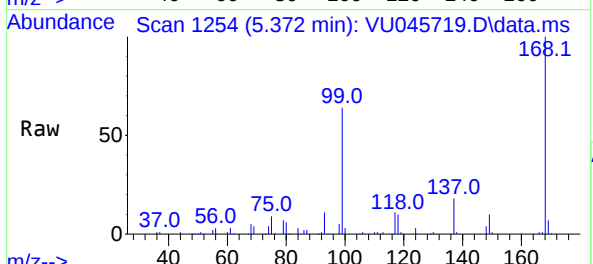
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108

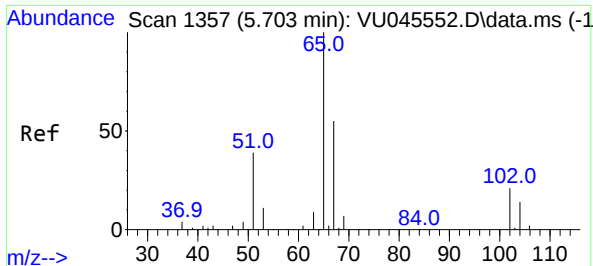
Tgt Ion: 96 Resp: 25545
 Ion Ratio Lower Upper
 96 100
 61 128.9 0.0 299.2
 98 61.8 0.0 127.6



#31
 Cyclohexane
 Concen: 1.036 ug/l
 RT: 5.372 min Scan# 1254
 Delta R.T. -0.019 min
 Lab File: VU045719.D
 Acq: 11 Nov 2021 04:04

Tgt Ion: 56 Resp: 2783
 Ion Ratio Lower Upper
 56 100
 69 174.1 26.4 39.6#
 84 122.0 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.142 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045719.D

Acq: 11 Nov 2021 04:04

Instrument :

MSVOA_U

ClientSampleId :

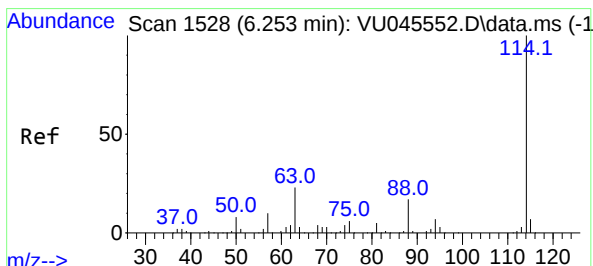
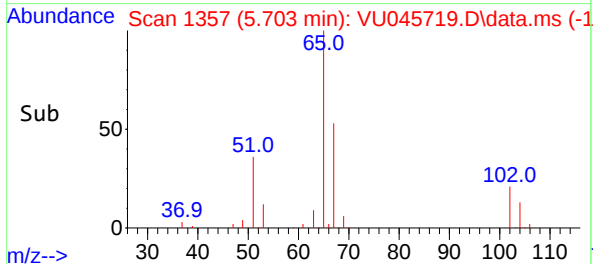
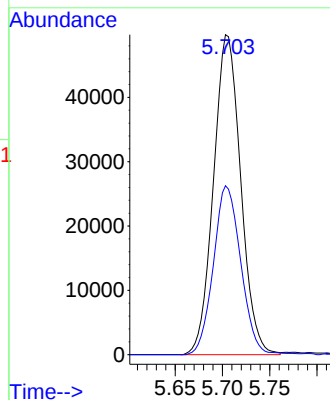
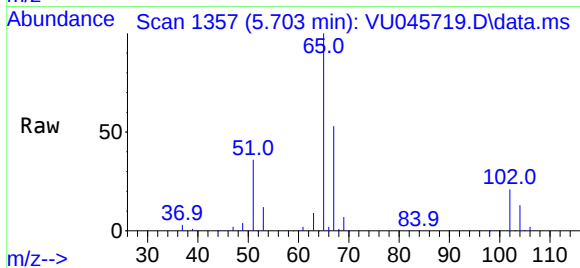
56BR-20211108

Tgt Ion: 65 Resp: 99668

Ion Ratio Lower Upper

65 100

67 53.1 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: VU045719.D

Acq: 11 Nov 2021 04:04

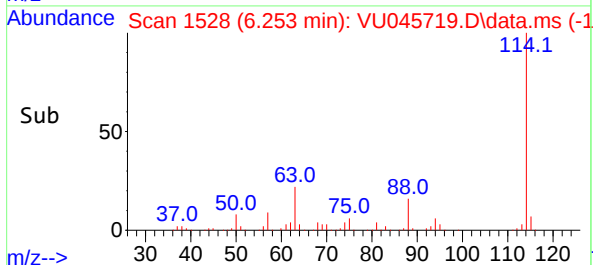
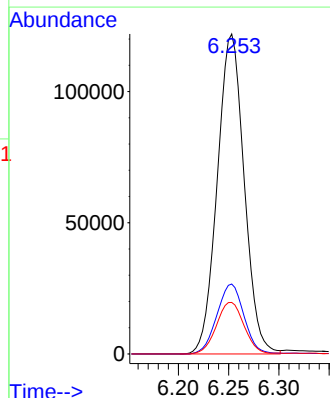
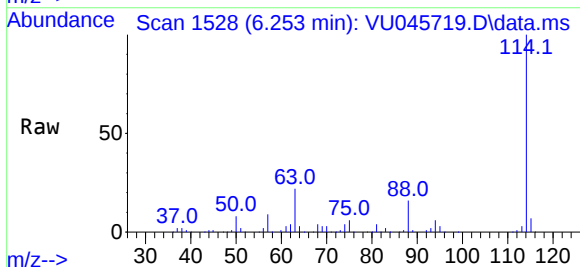
Tgt Ion: 114 Resp: 226750

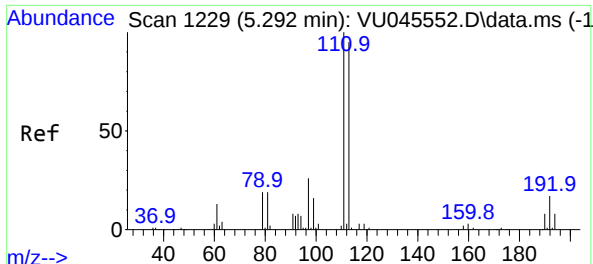
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.6

88 16.1 0.0 33.8

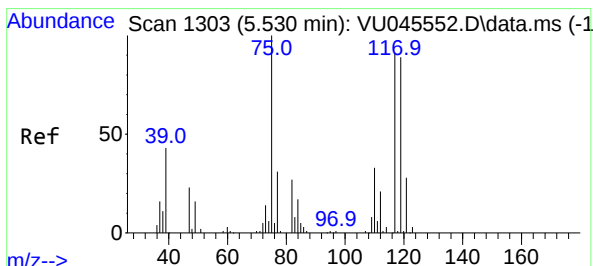
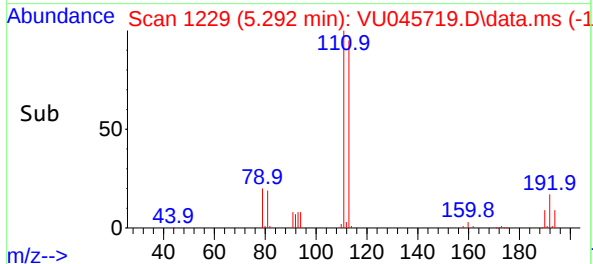
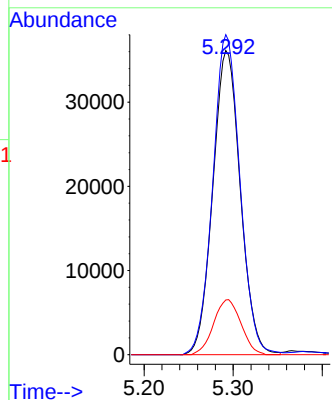
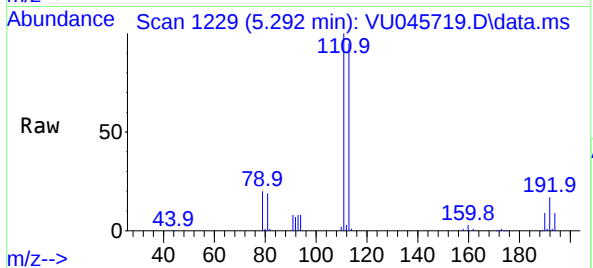




#35
Dibromofluoromethane
Concen: 51.179 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

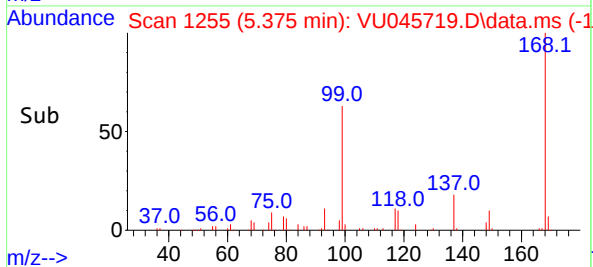
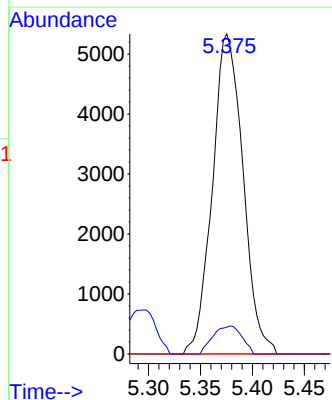
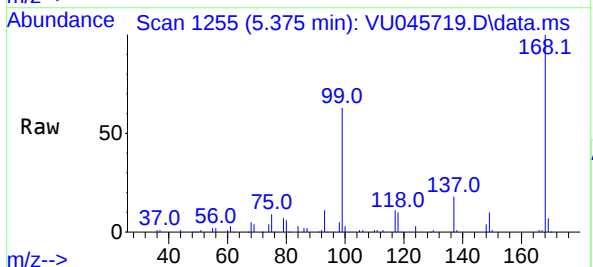
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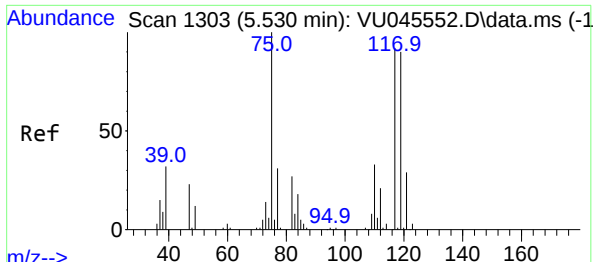
Tgt Ion:113 Resp: 77480
Ion Ratio Lower Upper
113 100
111 104.2 82.8 124.2
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

Tgt Ion: 75 Resp: 10922
Ion Ratio Lower Upper
75 100
110 8.2 16.7 50.0#
77 0.0 25.0 37.4#

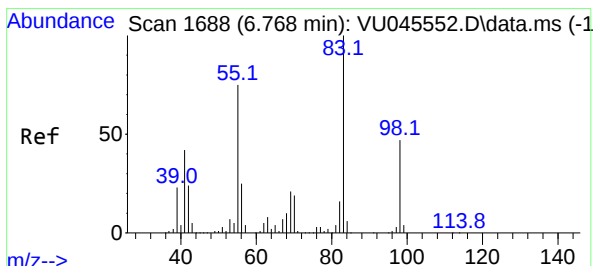
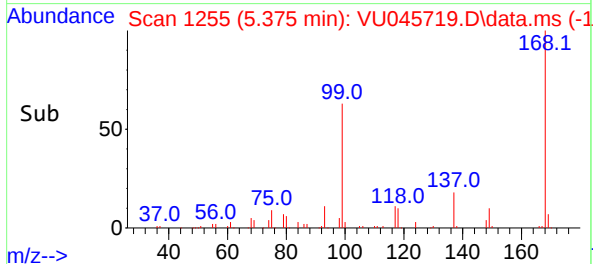
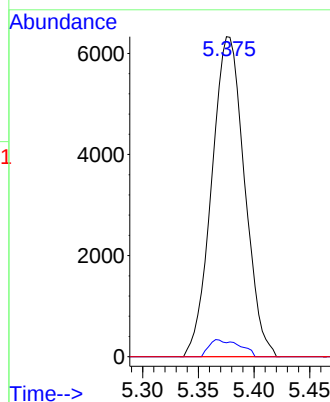
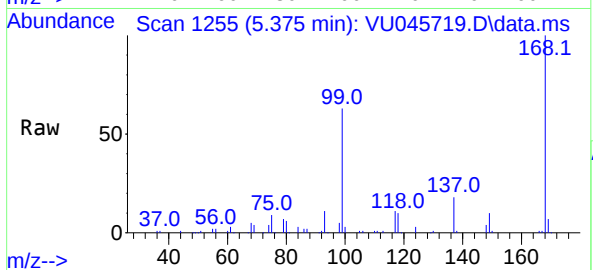




#38
Carbon Tetrachloride
Concen: 5.816 ug/l
RT: 5.375 min Scan# 1619
Delta R.T. -0.154 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

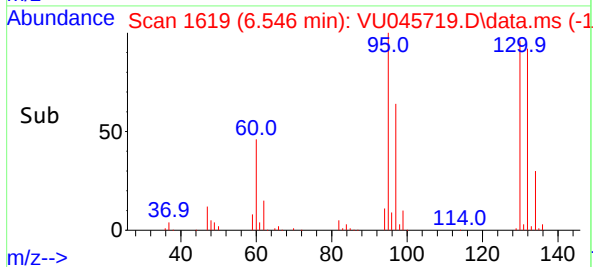
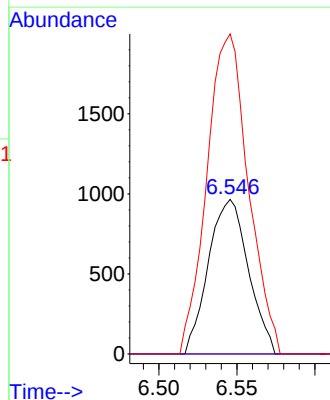
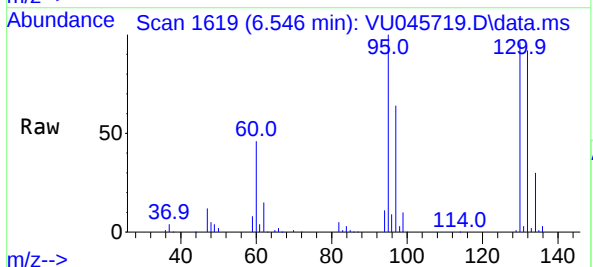
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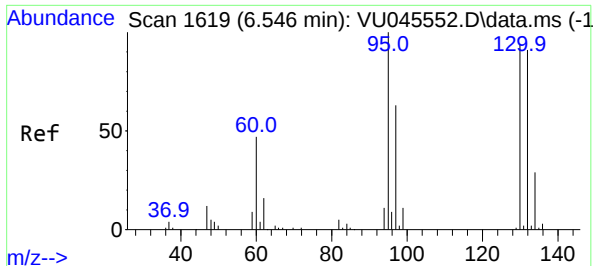
Tgt Ion:117 Resp: 12964
Ion Ratio Lower Upper
117 100
119 4.4 77.4 116.0#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.635 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.222 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

Tgt Ion: 83 Resp: 1722
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 206.9 37.1 55.7#

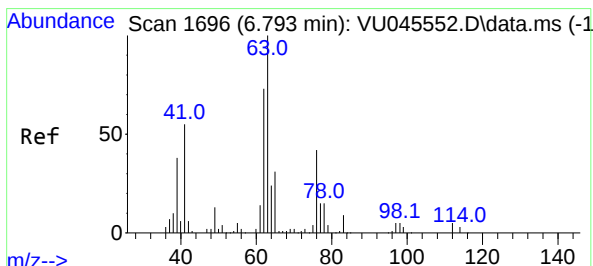
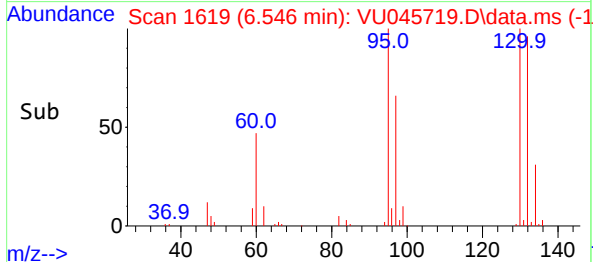
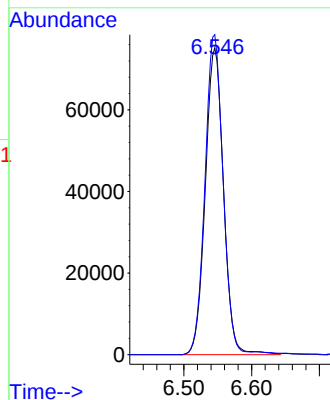
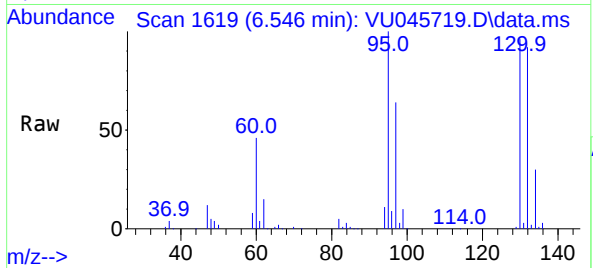




#44
Trichloroethene
Concen: 89.779 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

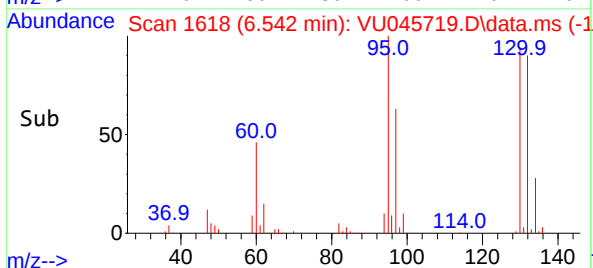
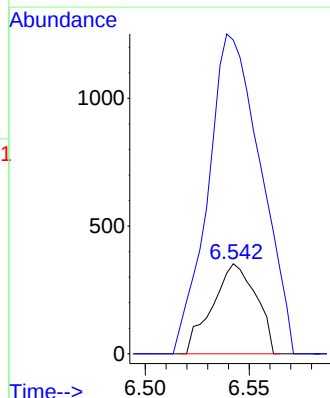
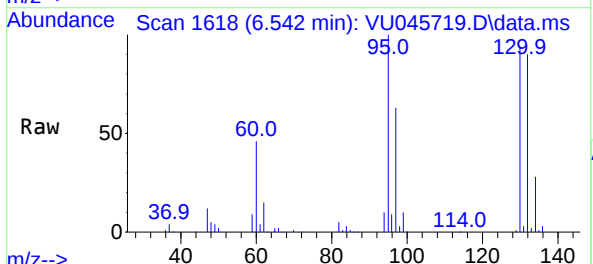
Instrument :
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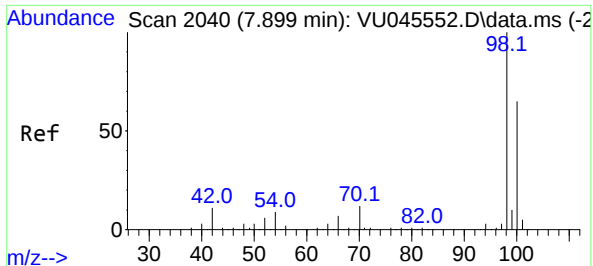
Tgt Ion:130 Resp: 140674
Ion Ratio Lower Upper
130 100
95 104.3 0.0 211.4



#45
1,2-Dichloropropane
Concen: 0.298 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.251 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

Tgt Ion: 63 Resp: 516
Ion Ratio Lower Upper
63 100
65 318.7 25.7 38.5#

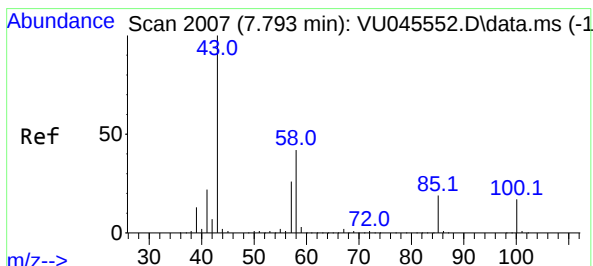
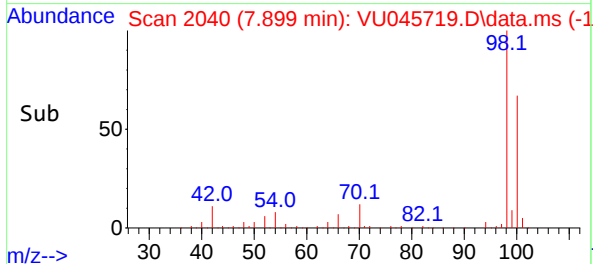
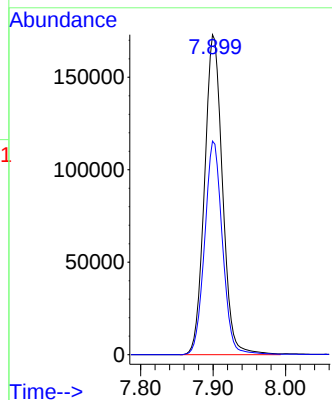
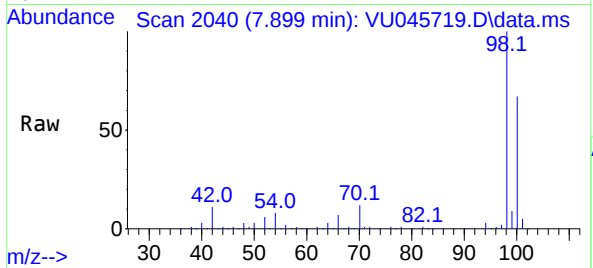




#50
Toluene-d8
Concen: 53.005 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

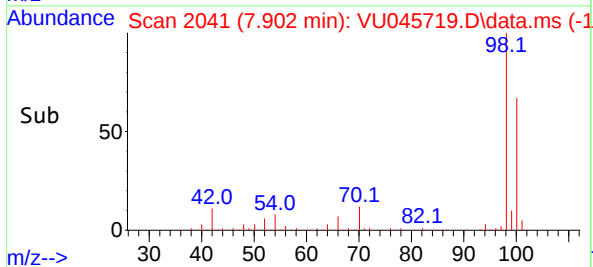
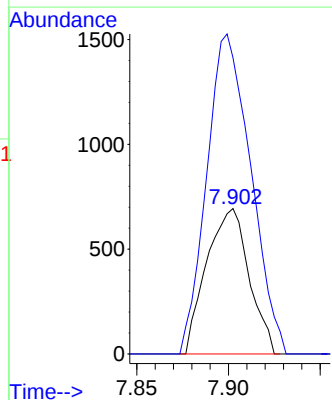
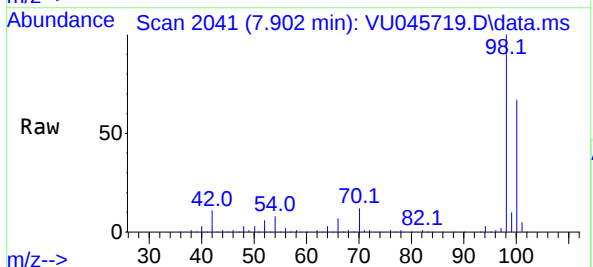
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108

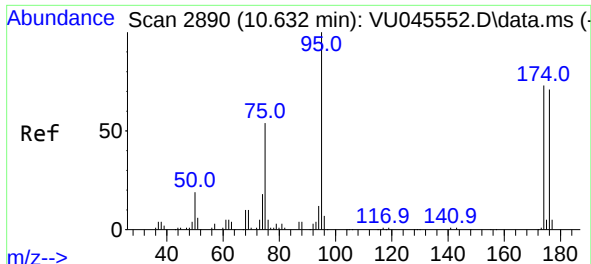
Tgt Ion: 98 Resp: 298384
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.109 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 228.7 33.8 50.8#

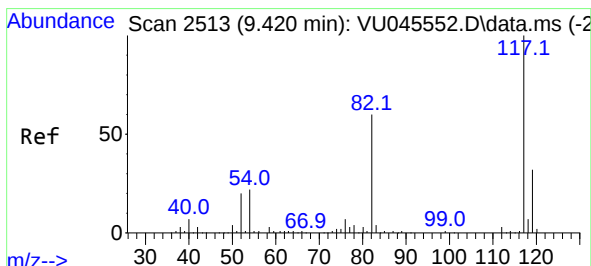
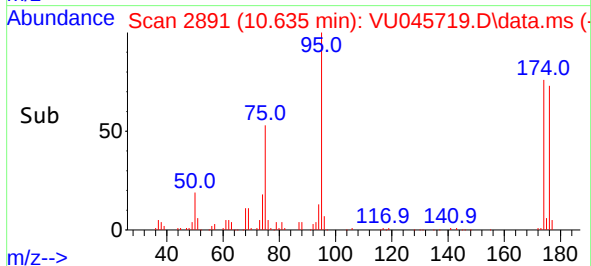
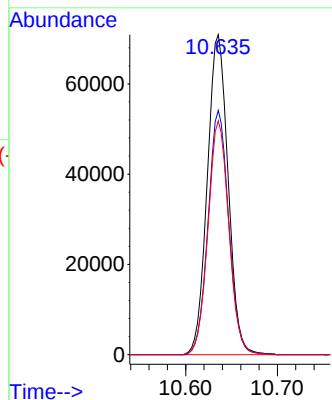
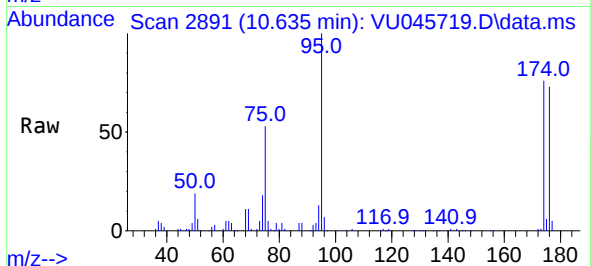




#62
4-Bromofluorobenzene
Concen: 49.556 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

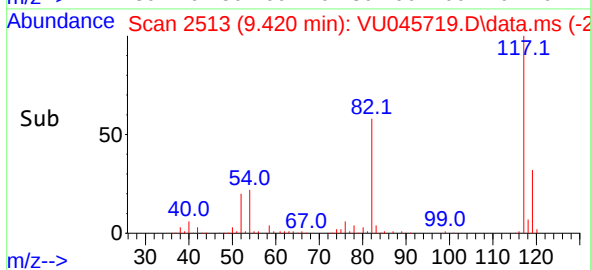
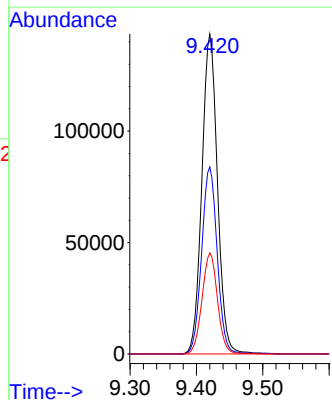
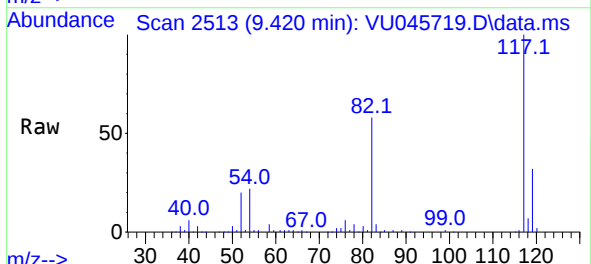
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108

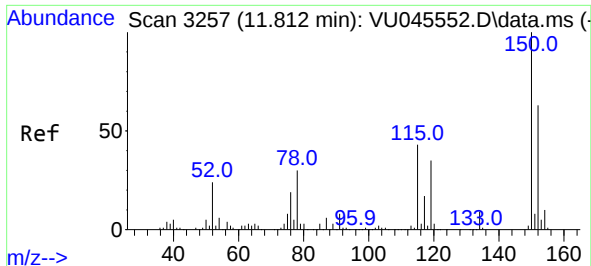
Tgt Ion: 95 Resp: 111865
Ion Ratio Lower Upper
95 100
174 75.9 0.0 141.8
176 72.8 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

Tgt Ion: 117 Resp: 234898
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 31.6 25.8 38.8

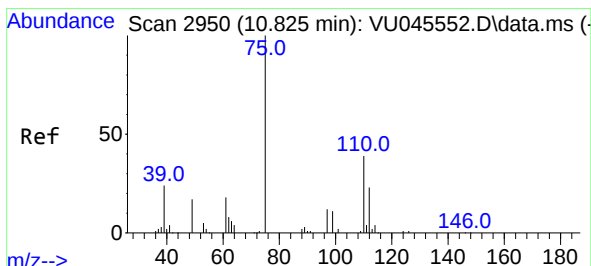
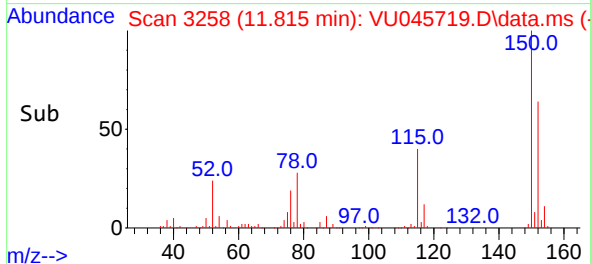
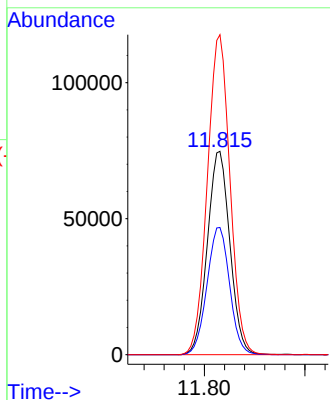
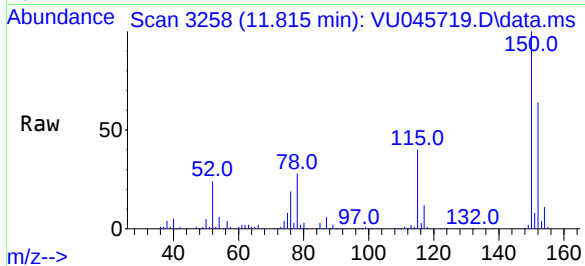




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

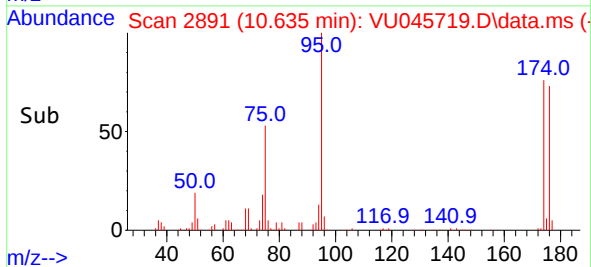
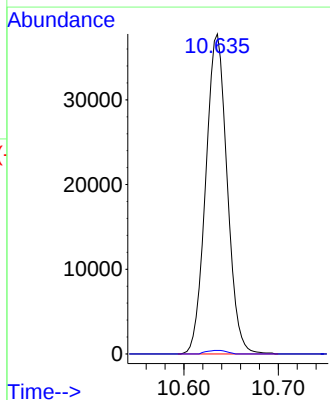
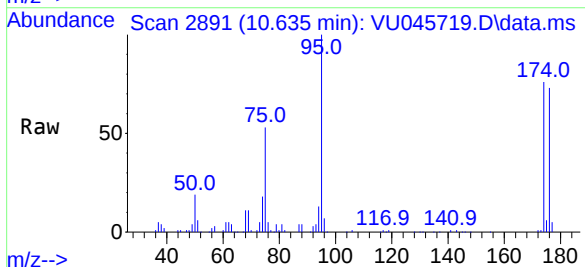
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108

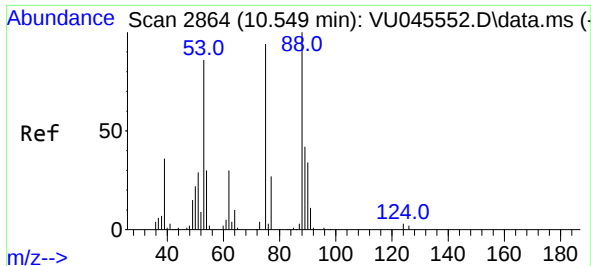
Tgt Ion:152 Resp: 116328
Ion Ratio Lower Upper
152 100
115 62.9 42.7 128.1
150 157.8 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.840 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

Tgt Ion: 75 Resp: 59406
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

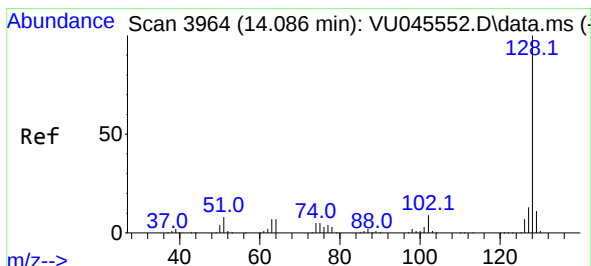
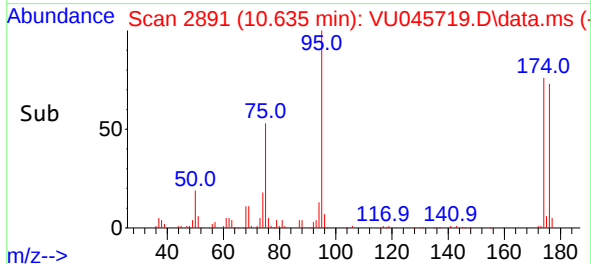
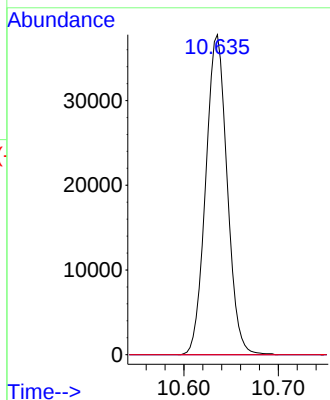
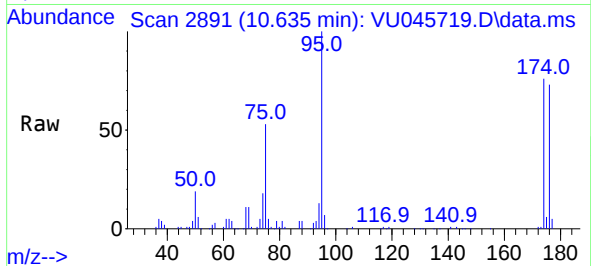




#81
trans-1,4-Dichloro-2-butene
Concen: 54.857 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108

Tgt Ion: 75 Resp: 59406
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.037 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.012 min
Lab File: VU045719.D
Acq: 11 Nov 2021 04:04

Tgt Ion: 128 Resp: 74
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

