

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045711.D
 Acq On : 11 Nov 2021 00:59
 Operator : SY/MD
 Sample : M4594-02DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 02:35:36 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)

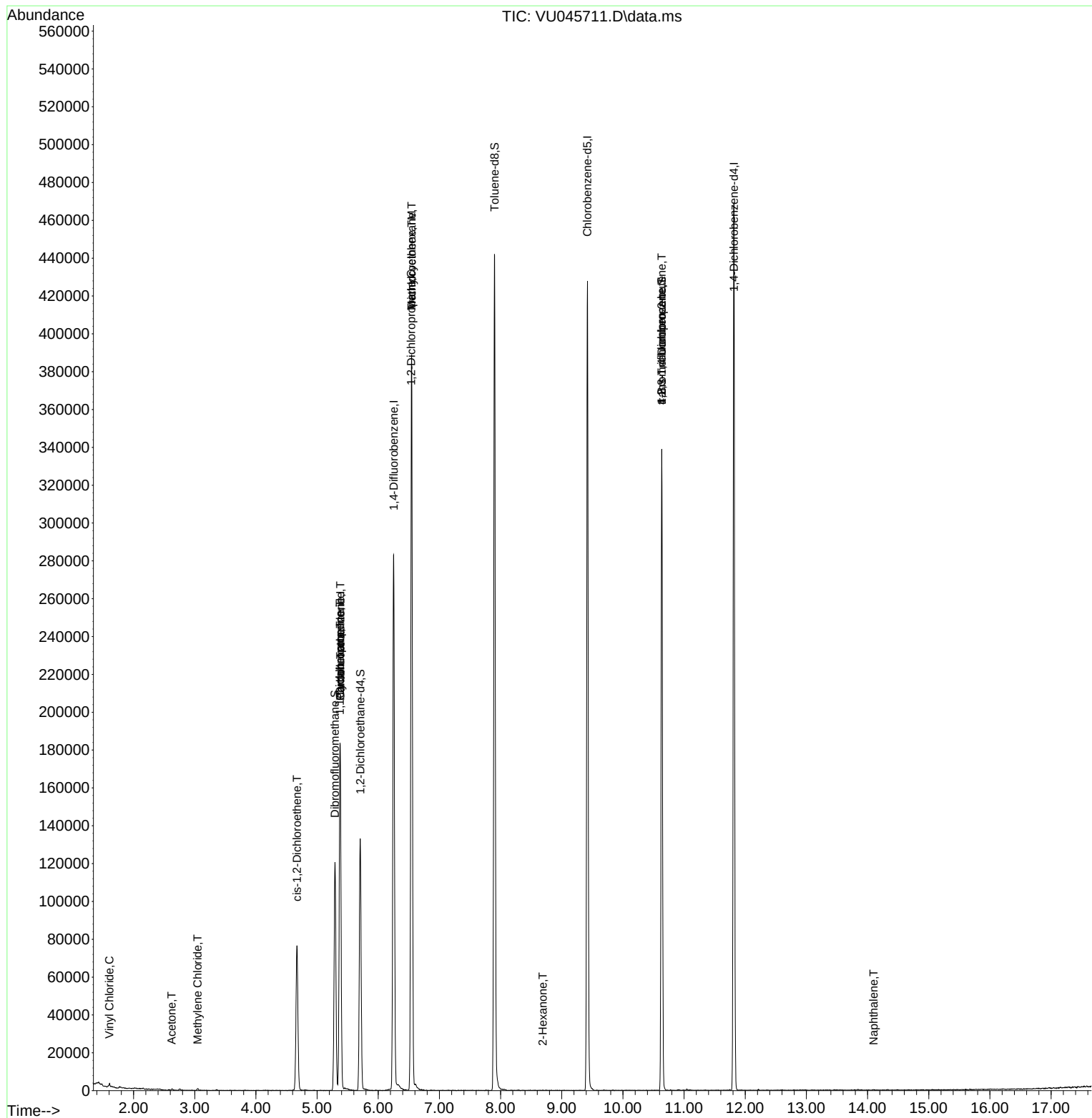
Internal Standards						
1) Pentafluorobenzene	5.378	168	121712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	225592	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	232123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	116733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	98749	54.175	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.360%			
35) Dibromofluoromethane	5.292	113	76549	50.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%			
50) Toluene-d8	7.902	98	297387	53.099	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.200%			
62) 4-Bromofluorobenzene	10.635	95	113501	50.539	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.080%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.607	62	1239	0.704	ug/l	95
16) Acetone	2.623	43	743	0.801	ug/l #	42
20) Methylene Chloride	3.044	84	519	0.322	ug/l #	76
27) cis-1,2-Dichloroethene	4.671	96	39744	24.290	ug/l	89
31) Cyclohexane	5.375	56	2752	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	10847	4.931	ug/l #	49
38) Carbon Tetrachloride	5.378	117	13511	6.092	ug/l #	15
39) Methylcyclohexane	6.546	83	1614	0.598	ug/l #	1
44) Trichloroethene	6.546	130	126970	81.449	ug/l	99
45) 1,2-Dichloropropane	6.539	63	443	0.257	ug/l #	1
59) 2-Hexanone	8.690	43	71	7.566	ug/l #	21
76) 1,2,3-Trichloropropane	10.635	75	59411	16.783	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	59411	54.681	ug/l #	12
95) Naphthalene	14.098	128	446	1.075	ug/l #	69

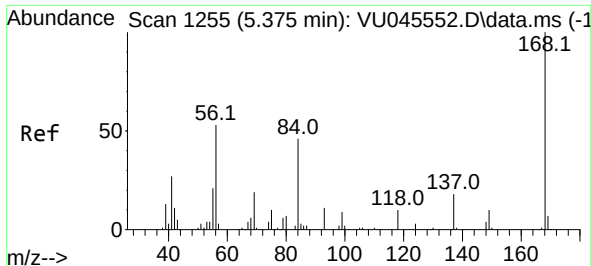
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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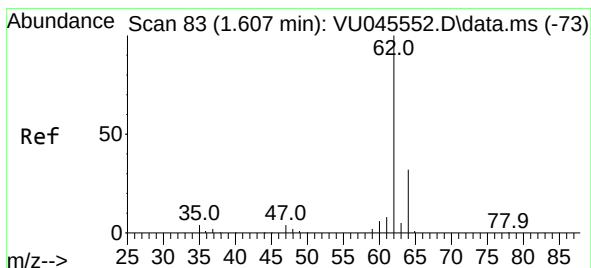
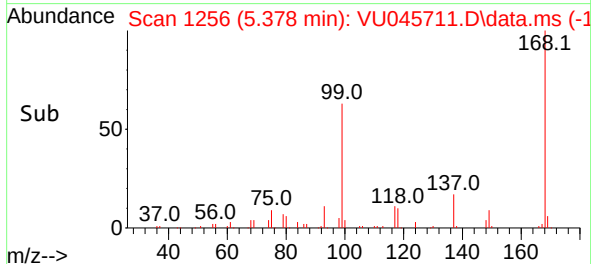
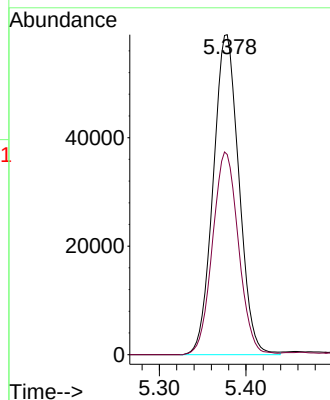
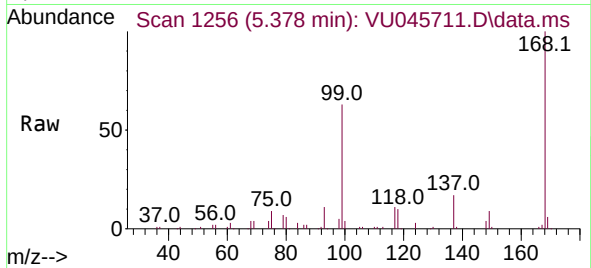




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

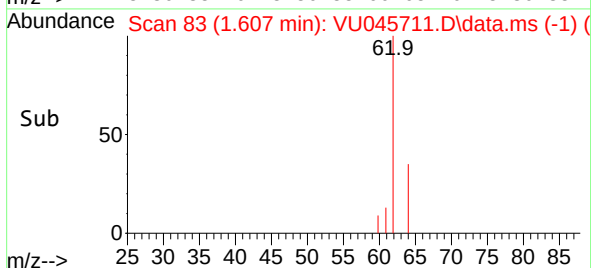
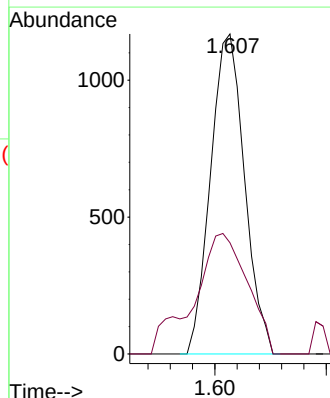
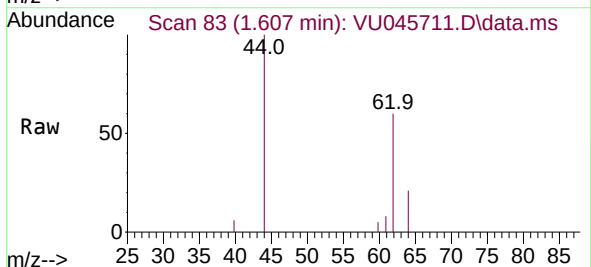
Instrument :
MSVOA_U
ClientSampleId :

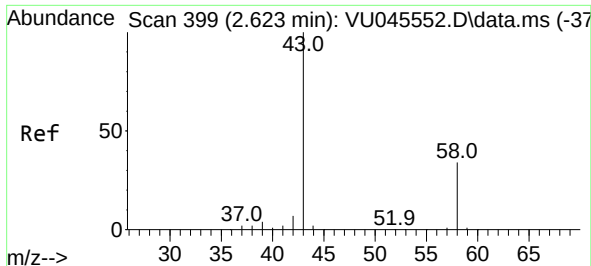
Tgt Ion:168 Resp: 121712
Ion Ratio Lower Upper
168 100
99 62.5 51.0 76.6



#4
Vinyl Chloride
Concen: 0.704 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

Tgt Ion: 62 Resp: 1239
Ion Ratio Lower Upper
62 100
64 34.7 25.8 38.6

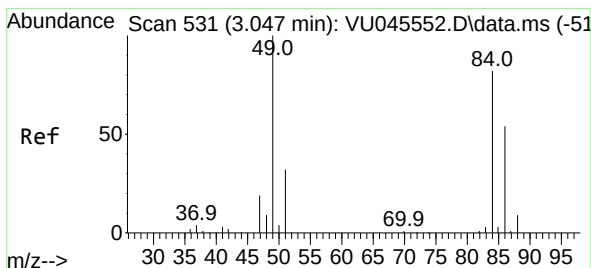
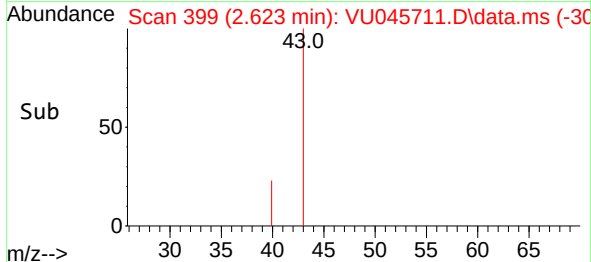
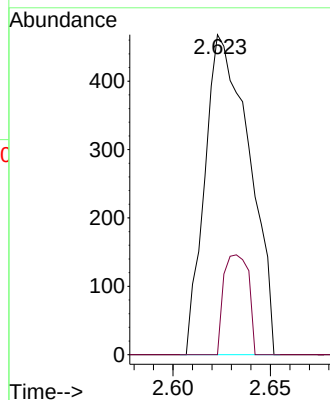
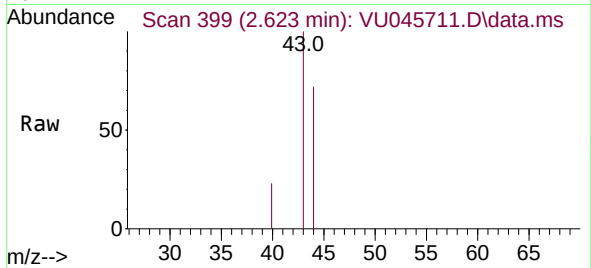




#16
Acetone
Concen: 0.801 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

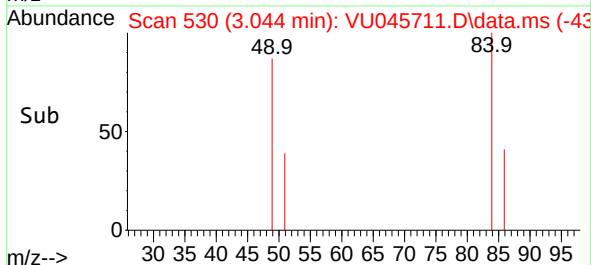
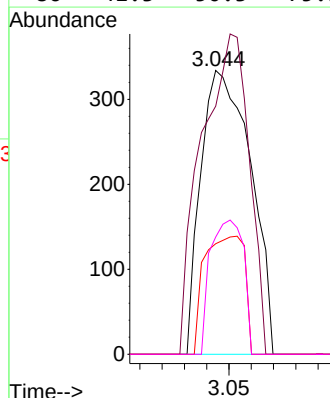
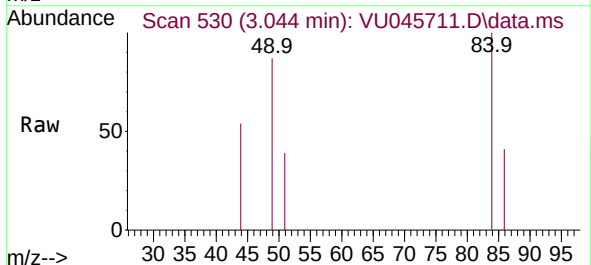
Instrument :
MSVOA_U
ClientSampleId :

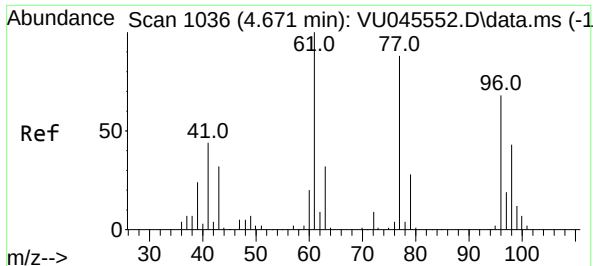
Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
58 0.0 26.2 39.2#



#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

Tgt Ion: 84 Resp: 519
Ion Ratio Lower Upper
84 100
49 87.4 96.4 144.6#
51 38.9 30.5 45.7
86 41.3 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 24.290 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045711.D

Acq: 11 Nov 2021 00:59

Instrument :

MSVOA_U

ClientSampleId :

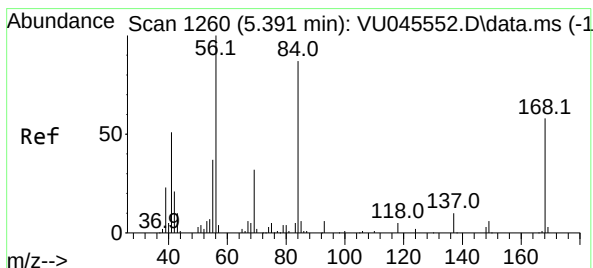
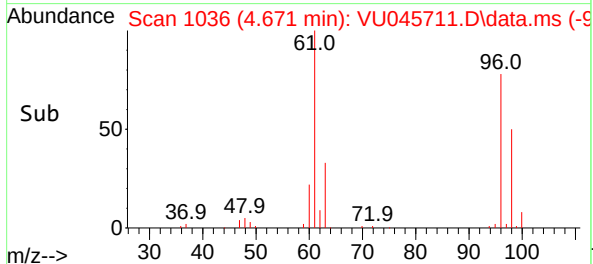
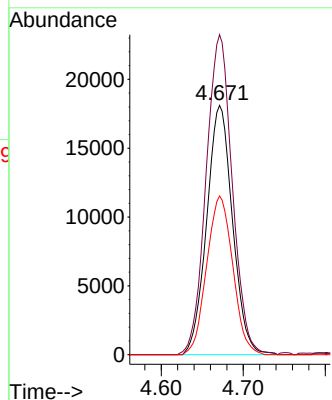
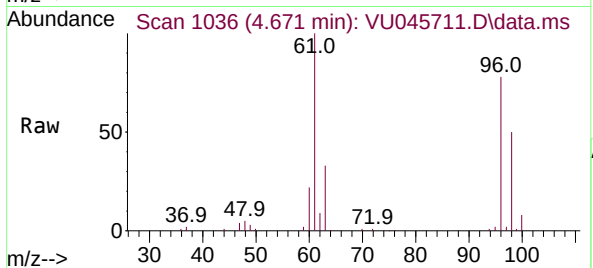
Tgt Ion: 96 Resp: 39744

Ion Ratio Lower Upper

96 100

61 129.8 0.0 299.2

98 64.1 0.0 127.6



#31

Cyclohexane

Concen: 1.035 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU045711.D

Acq: 11 Nov 2021 00:59

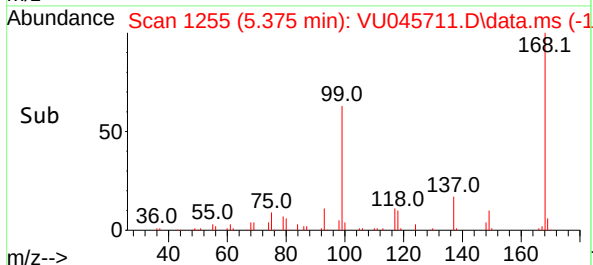
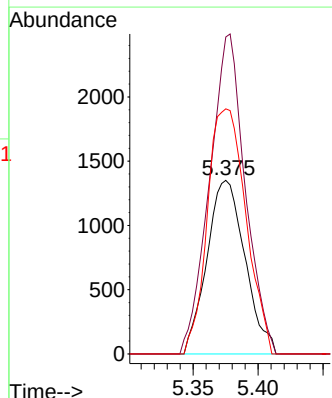
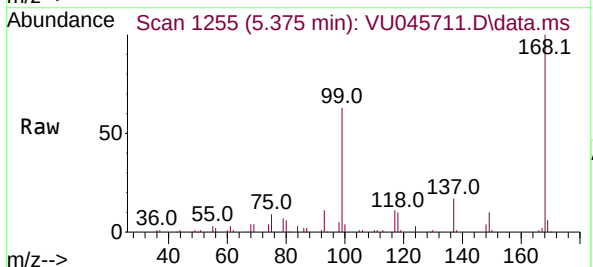
Tgt Ion: 56 Resp: 2752

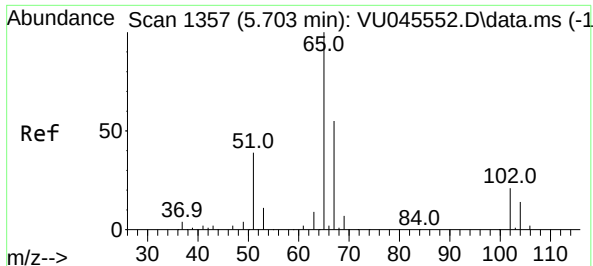
Ion Ratio Lower Upper

56 100

69 182.5 26.4 39.6#

84 141.2 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.175 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045711.D

Acq: 11 Nov 2021 00:59

Instrument :

MSVOA_U

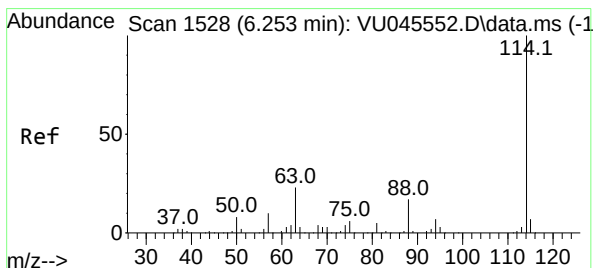
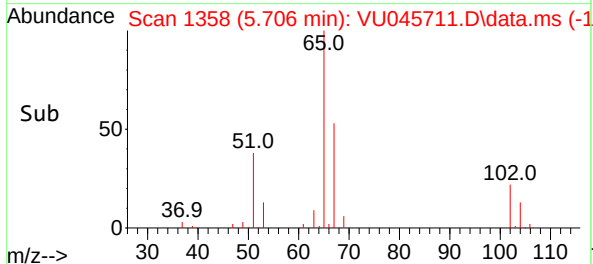
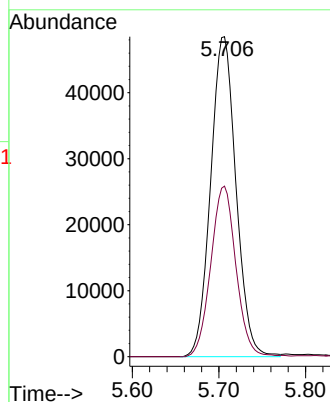
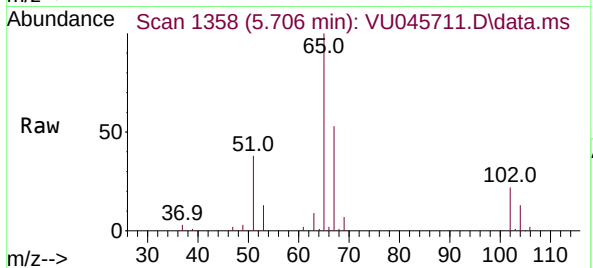
ClientSampleId :

Tgt Ion: 65 Resp: 98749

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: VU045711.D

Acq: 11 Nov 2021 00:59

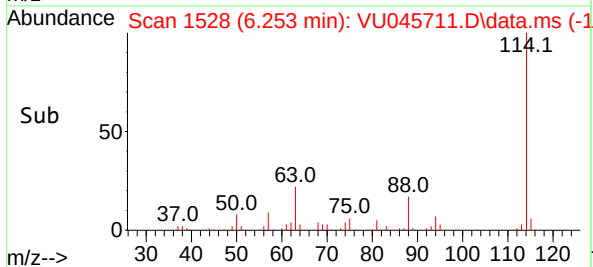
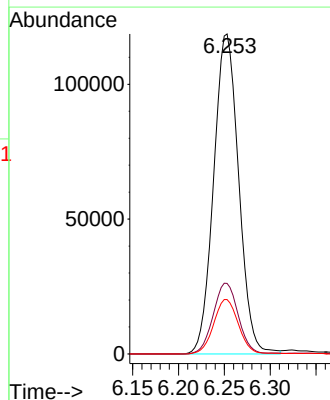
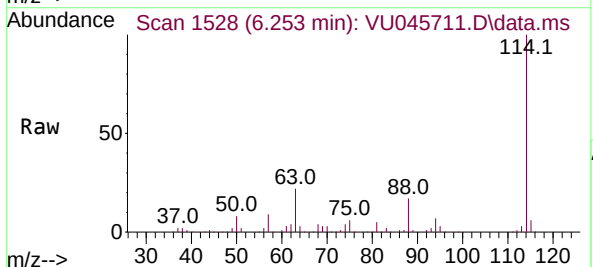
Tgt Ion: 114 Resp: 225592

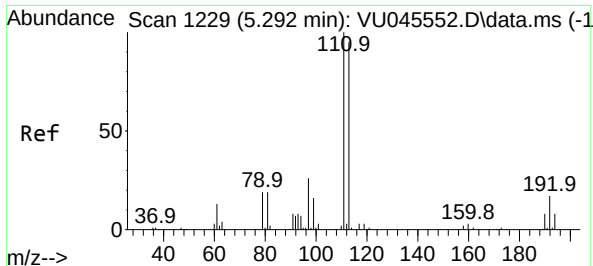
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.824 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045711.D

Acq: 11 Nov 2021 00:59

Instrument :

MSVOA_U

ClientSampleId :

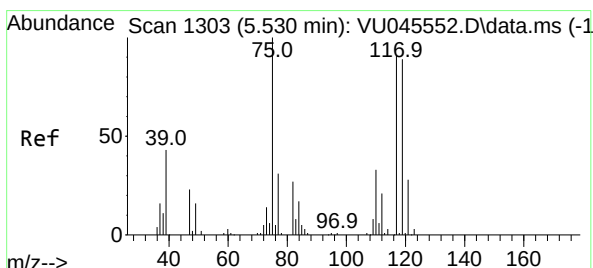
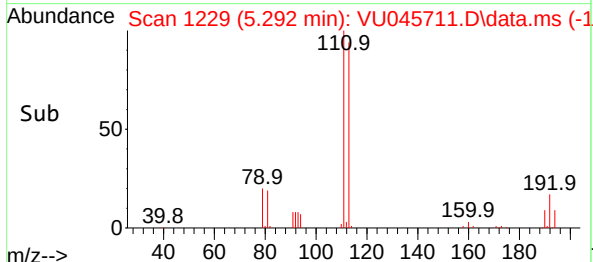
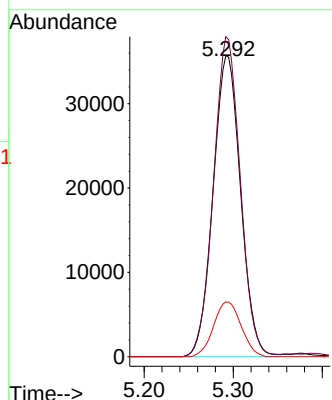
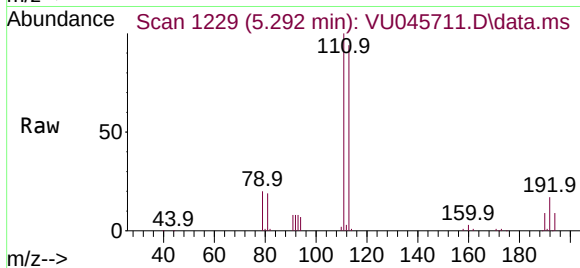
Tgt Ion:113 Resp: 76549

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.931 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.158 min

Lab File: VU045711.D

Acq: 11 Nov 2021 00:59

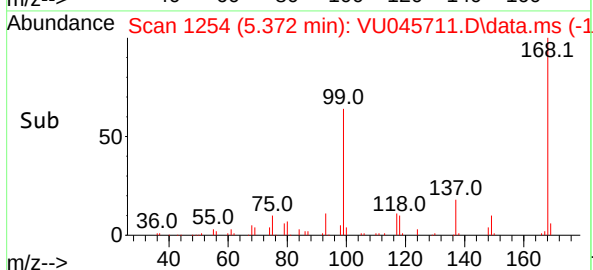
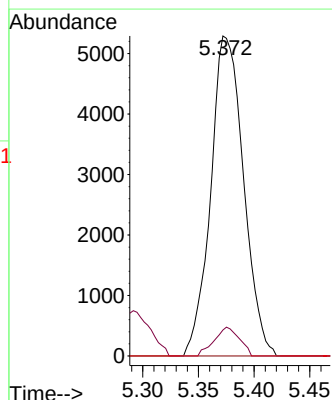
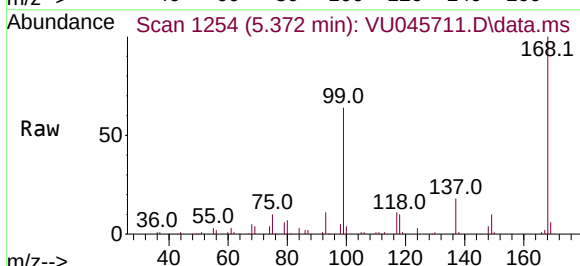
Tgt Ion: 75 Resp: 10847

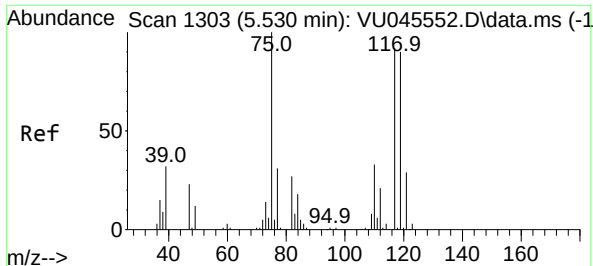
Ion Ratio Lower Upper

75 100

110 6.9 16.7 50.0#

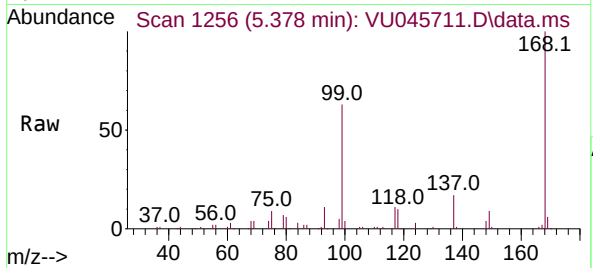
77 0.0 25.0 37.4#



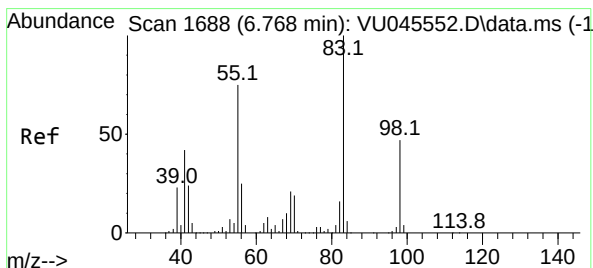
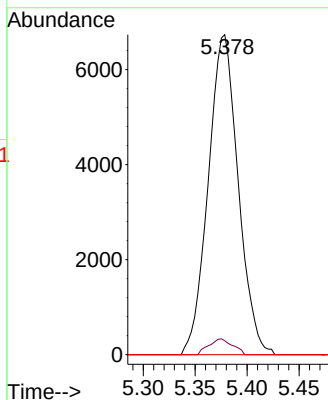
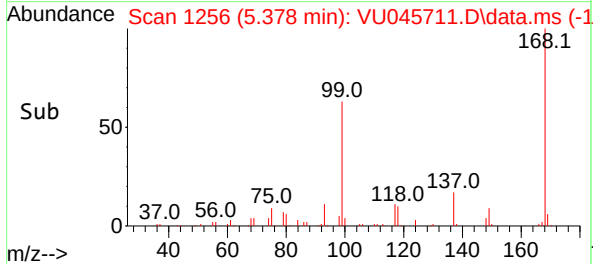


#38
Carbon Tetrachloride
Concen: 6.092 ug/l
RT: 5.378 min Scan# 1619
Delta R.T. -0.151 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

Instrument :
MSVOA_U
ClientSampleId :

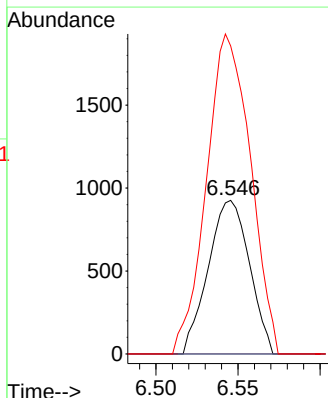
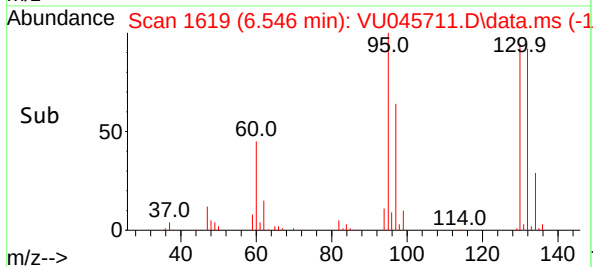
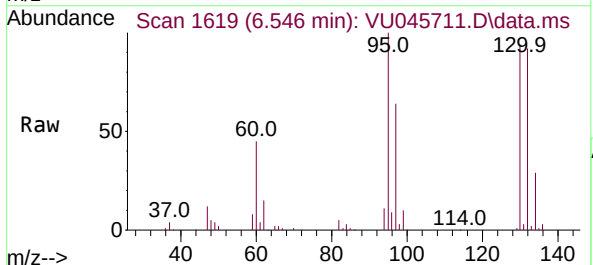


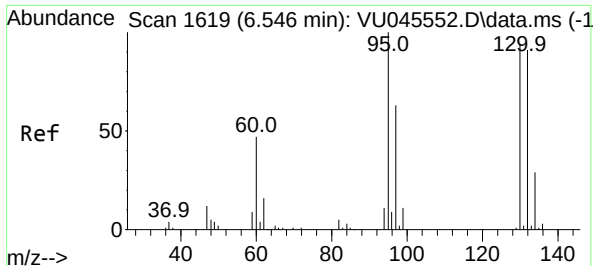
Tgt Ion:117 Resp: 13511
Ion Ratio Lower Upper
117 100
119 4.4 77.4 116.0#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.598 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.222 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

Tgt Ion: 83 Resp: 1614
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 200.5 37.1 55.7#

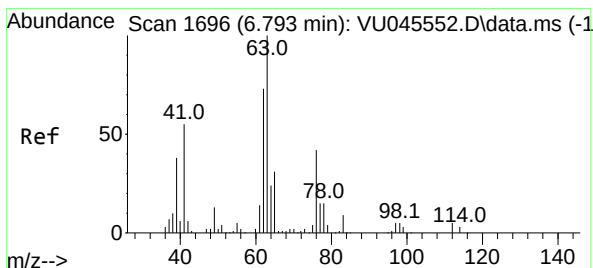
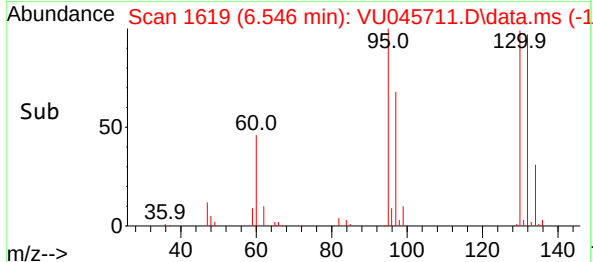
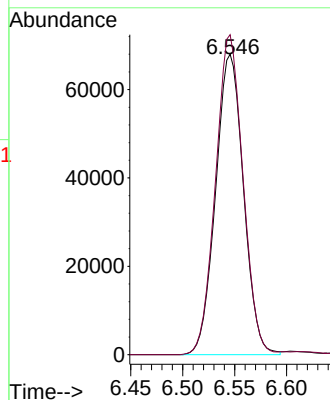
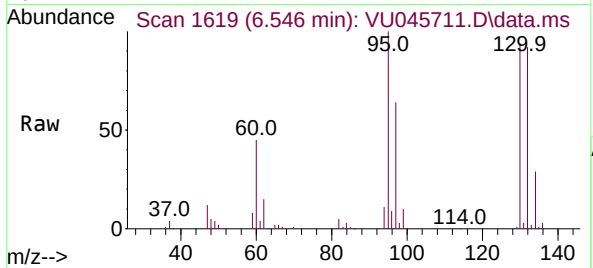




#44
Trichloroethene
Concen: 81.449 ug/l
RT: 6.546 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

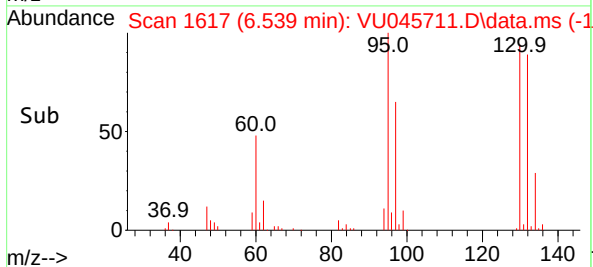
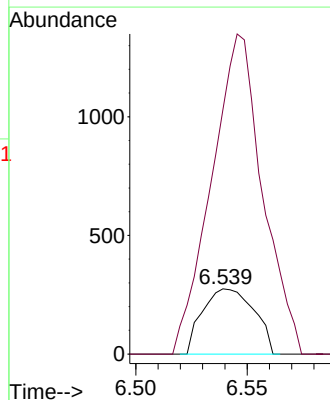
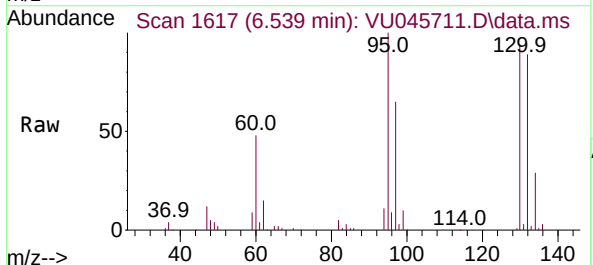
Instrument :
MSVOA_U
ClientSampleId :

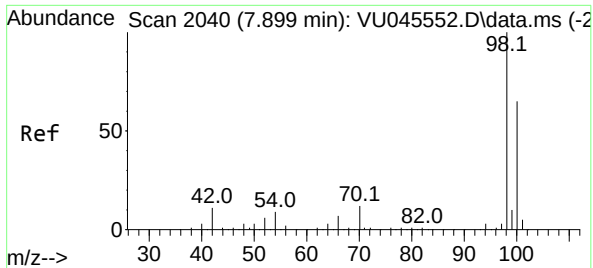
Tgt Ion:130 Resp: 126970
Ion Ratio Lower Upper
130 100
95 106.5 0.0 211.4



#45
1,2-Dichloropropane
Concen: 0.257 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.254 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

Tgt Ion: 63 Resp: 443
Ion Ratio Lower Upper
63 100
65 331.6 25.7 38.5#

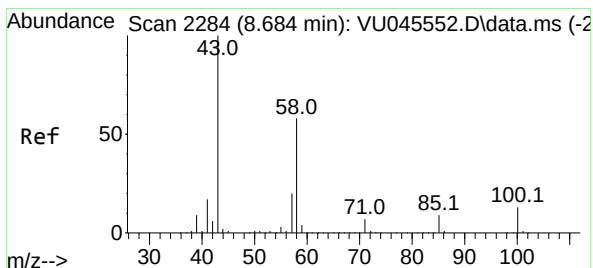
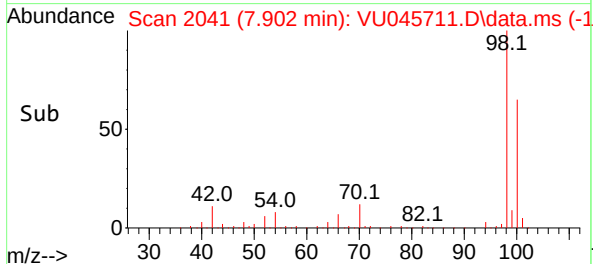
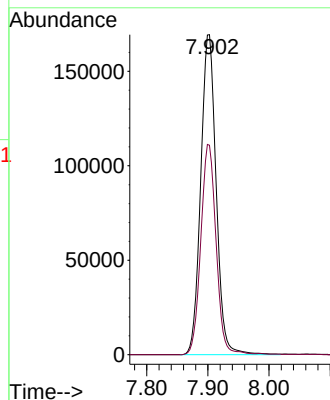
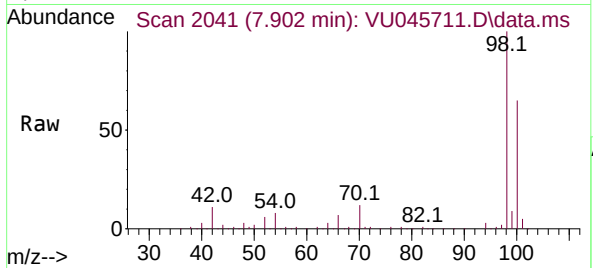




#50
Toluene-d8
Concen: 53.099 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

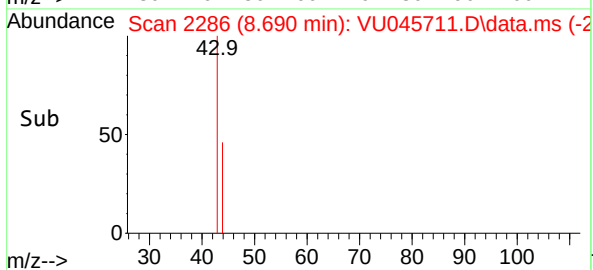
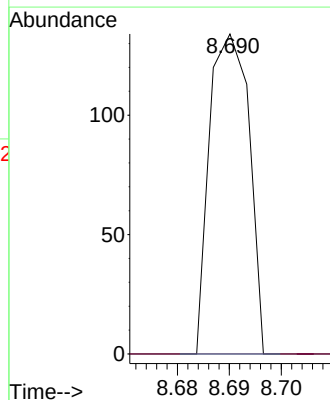
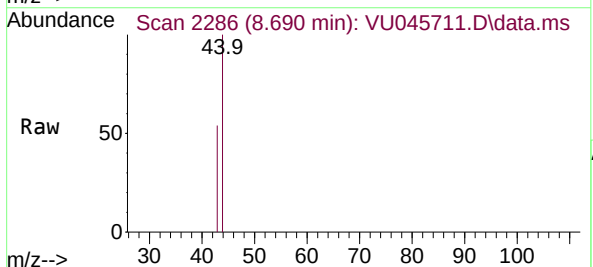
Instrument :
MSVOA_U
ClientSampleId :

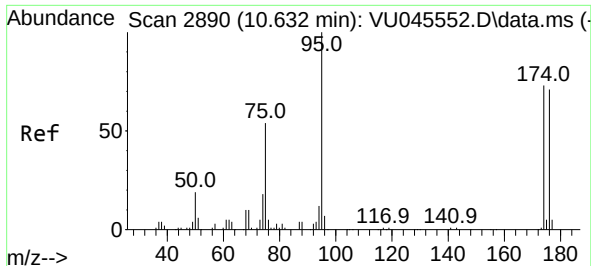
Tgt Ion: 98 Resp: 297387
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#59
2-Hexanone
Concen: 7.566 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#

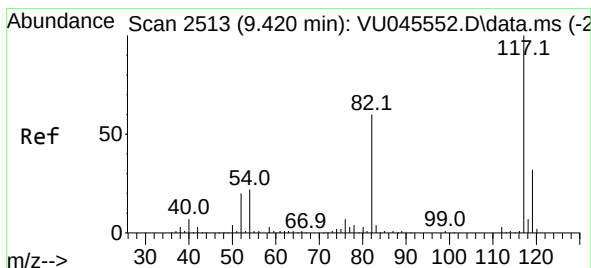
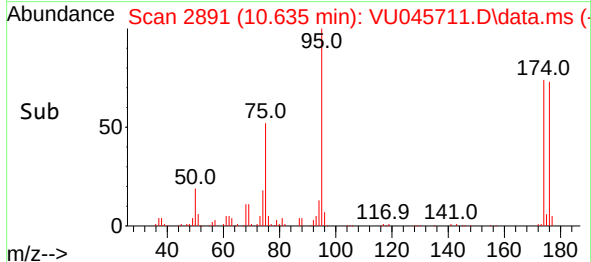
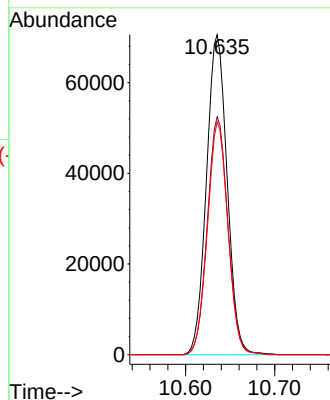
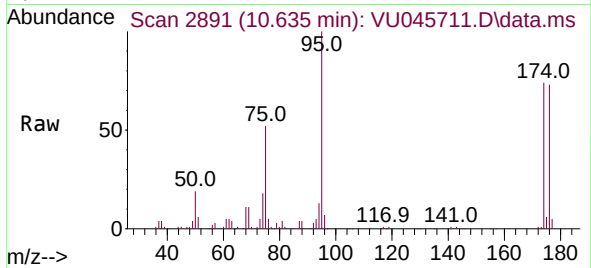




#62
4-Bromofluorobenzene
Concen: 50.539 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

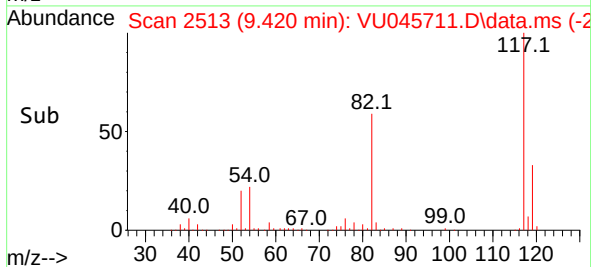
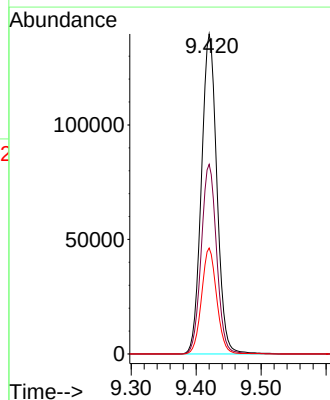
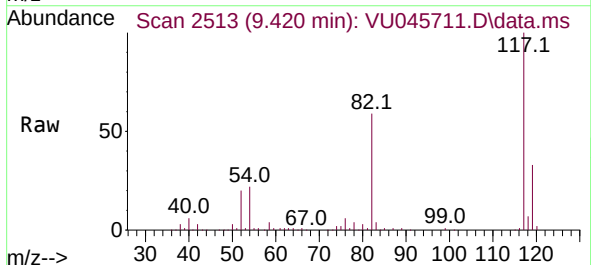
Instrument :
MSVOA_U
ClientSampleId :

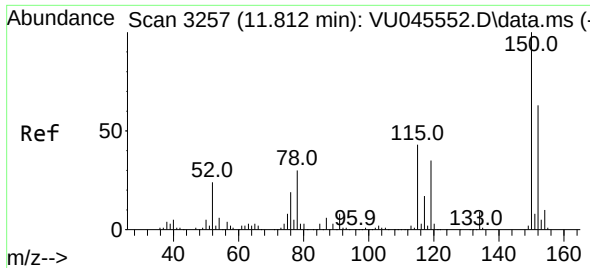
Tgt Ion: 95 Resp: 113501
Ion Ratio Lower Upper
95 100
174 74.2 0.0 141.8
176 71.8 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

Tgt Ion: 117 Resp: 232123
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 33.1 25.8 38.8

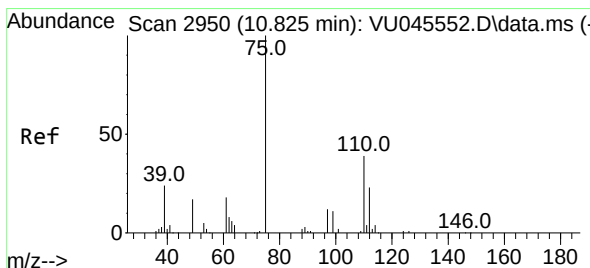
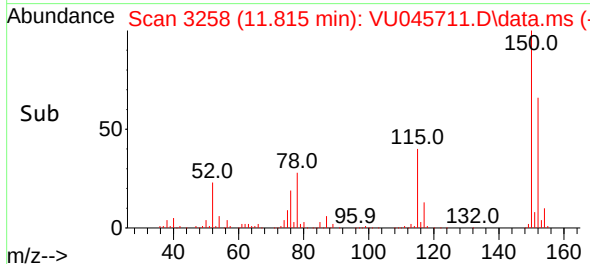
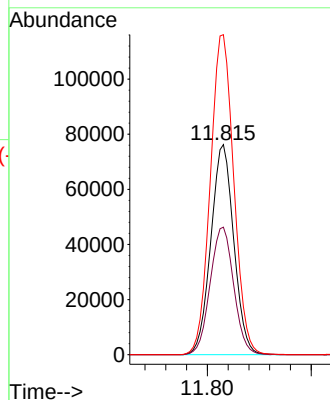
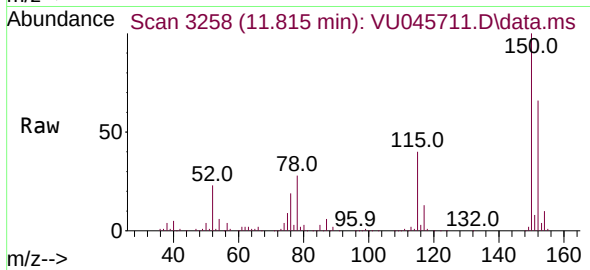




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045711.D
 Acq: 11 Nov 2021 00:59

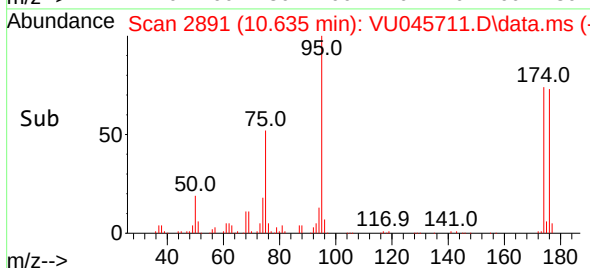
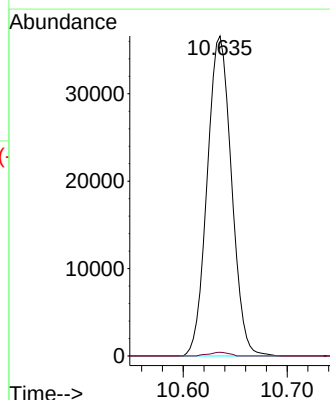
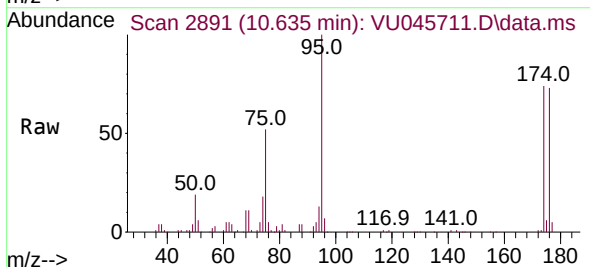
Instrument :
 MSVOA_U
 ClientSampleId :

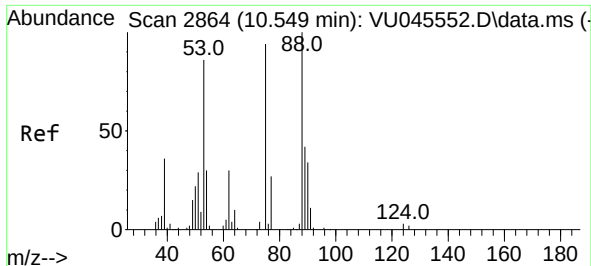
Tgt Ion:152 Resp: 116733
 Ion Ratio Lower Upper
 152 100
 115 62.3 42.7 128.1
 150 155.9 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 16.783 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045711.D
 Acq: 11 Nov 2021 00:59

Tgt Ion: 75 Resp: 59411
 Ion Ratio Lower Upper
 75 100
 77 0.9 17.1 51.3#

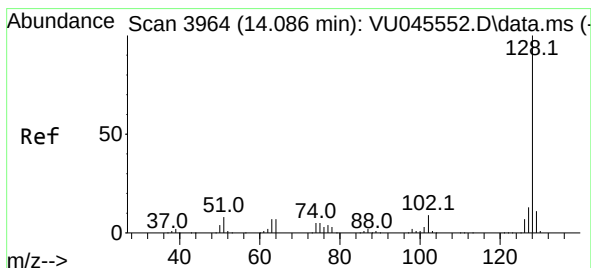
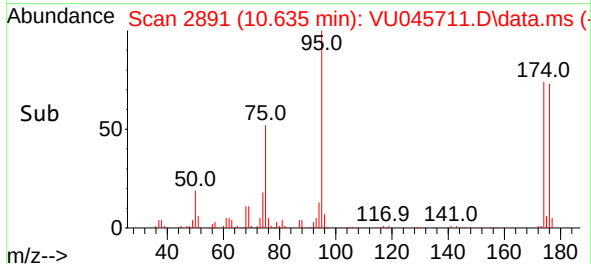
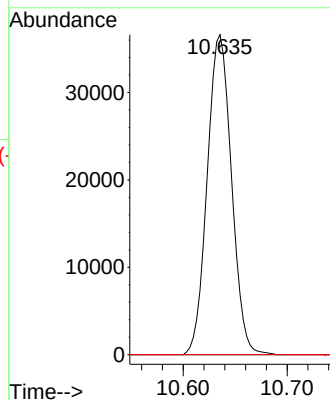
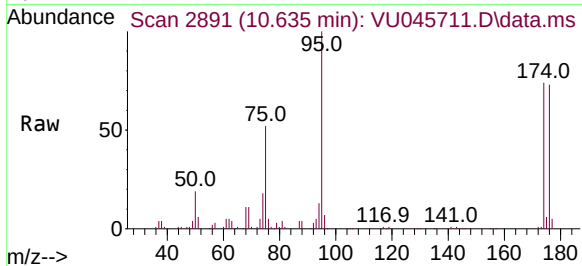




#81
trans-1,4-Dichloro-2-butene
Concen: 54.681 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 59411
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.075 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.012 min
Lab File: VU045711.D
Acq: 11 Nov 2021 00:59

Tgt Ion: 128 Resp: 446
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

