

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045602.D
 Acq On : 08 Nov 2021 10:00
 Operator : SY/MD
 Sample : VU1108MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 14:56:43 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)

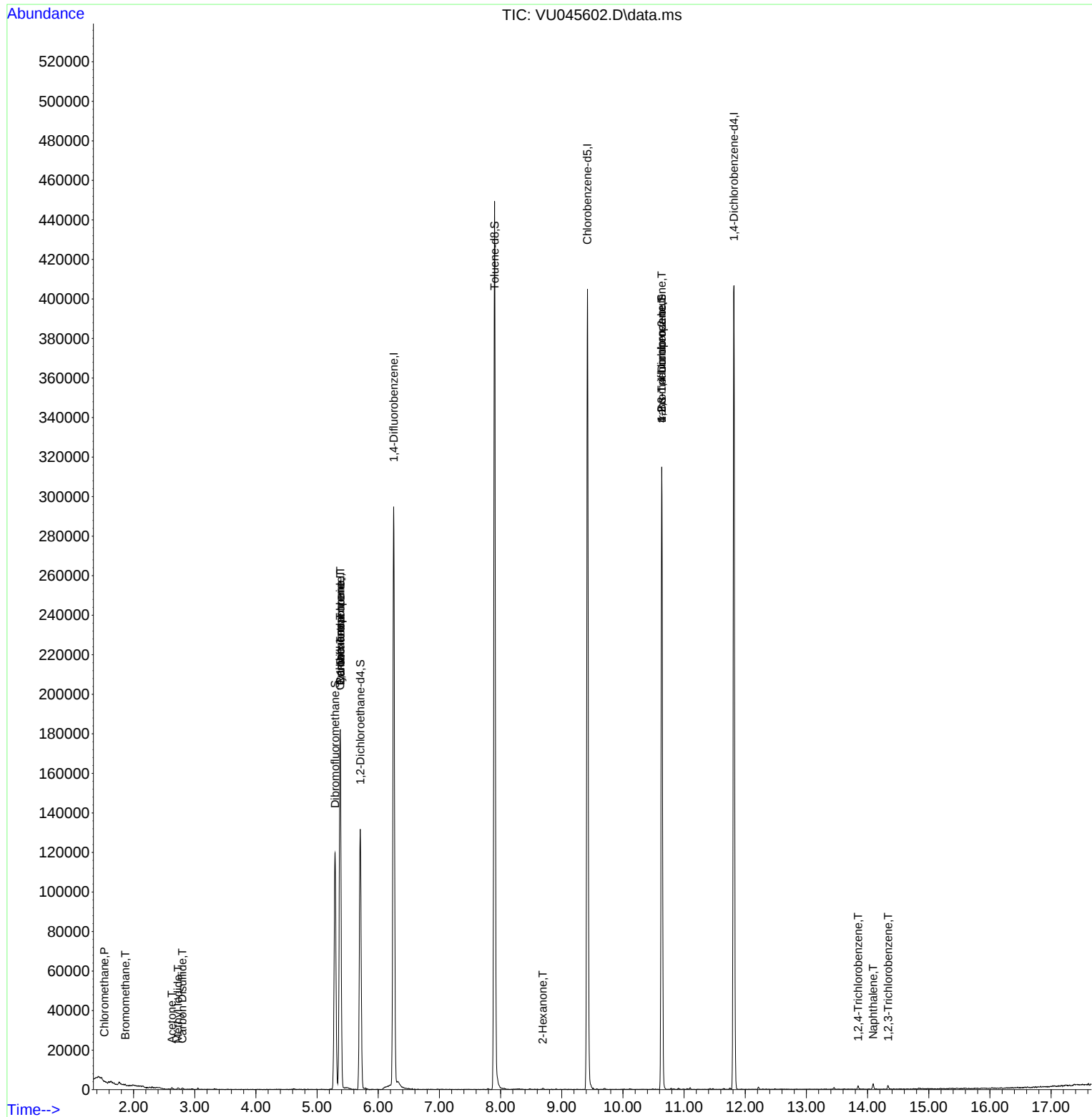
Internal Standards						
1) Pentafluorobenzene	5.378	168	120246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	227621	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	218460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	99920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	99191	55.081	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.160%	
35) Dibromofluoromethane	5.295	113	77104	50.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	7.902	98	295004	52.204	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	10.635	95	103888	45.846	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	468	0.262	ug/l #	82
5) Bromomethane	1.864	94	335	0.346	ug/l	88
10) Methyl Iodide	2.729	142	817	0.465	ug/l #	67
16) Acetone	2.626	43	850	0.927	ug/l	93
17) Carbon Disulfide	2.797	76	823	0.222	ug/l #	75
31) Cyclohexane	5.375	56	2673	1.017	ug/l #	2
36) 1,1-Dichloropropene	5.378	75	10683	4.813	ug/l #	50
38) Carbon Tetrachloride	5.378	117	12573	5.619	ug/l #	15
59) 2-Hexanone	8.690	43	446	7.728	ug/l	98
76) 1,2,3-Trichloropropane	10.635	75	56144	18.528	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	56144	60.058	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.844	180	546	0.254	ug/l	82
95) Naphthalene	14.092	128	3006	1.393	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.336	180	764	0.358	ug/l	92

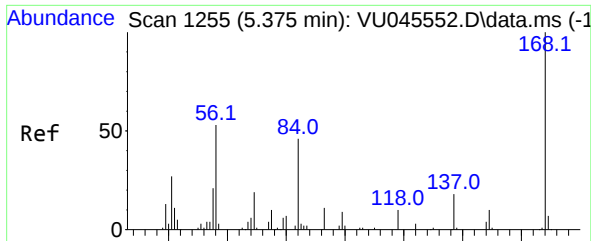
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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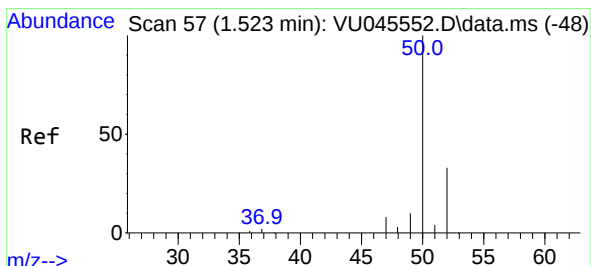
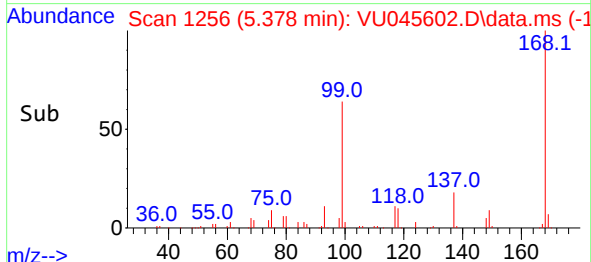
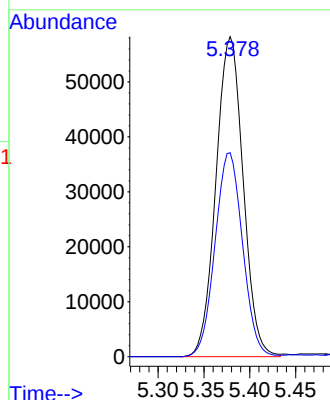
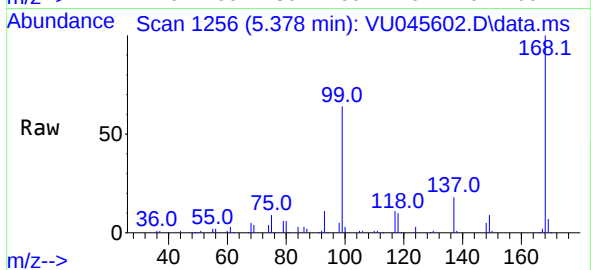




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

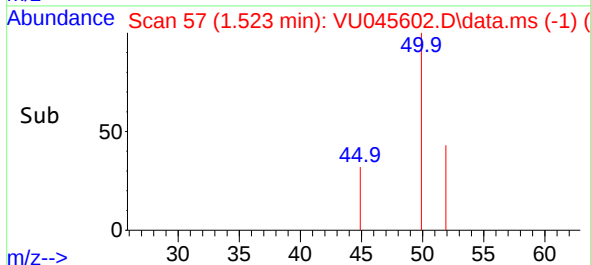
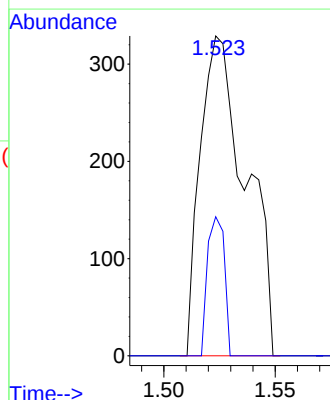
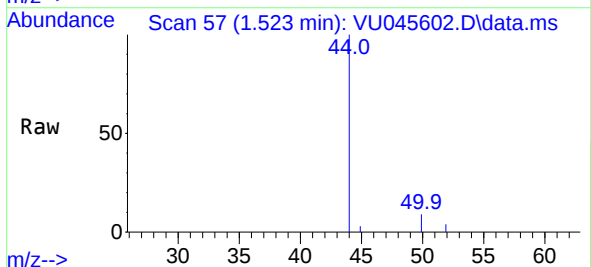
Instrument :
MSVOA_U
ClientSampleId :

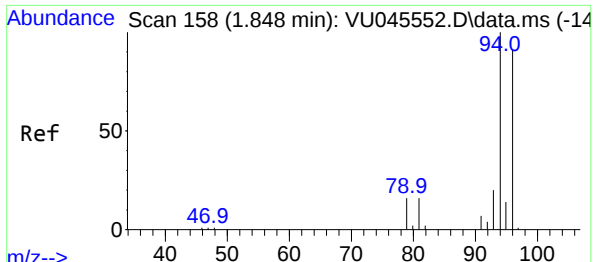
Tgt Ion:168 Resp: 120246
Ion Ratio Lower Upper
168 100
99 63.7 51.0 76.6



#3
Chloromethane
Concen: 0.262 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

Tgt Ion: 50 Resp: 468
Ion Ratio Lower Upper
50 100
52 43.5 26.6 40.0#

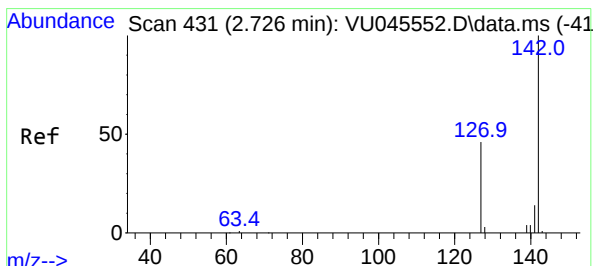
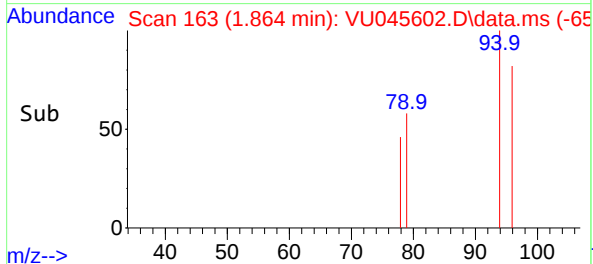
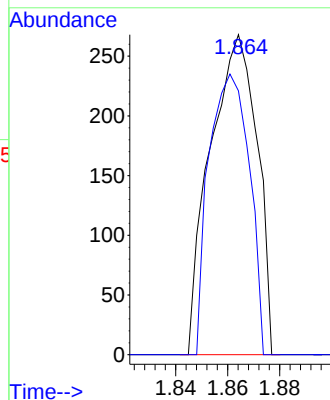
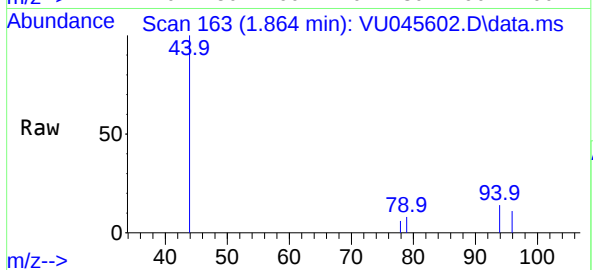




#5
Bromomethane
Concen: 0.346 ug/l
RT: 1.864 min Scan# 1
Delta R.T. 0.016 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

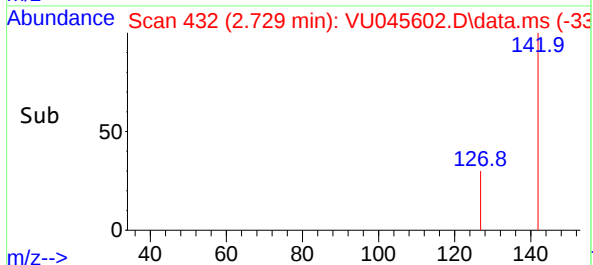
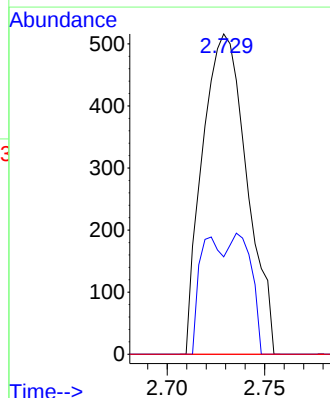
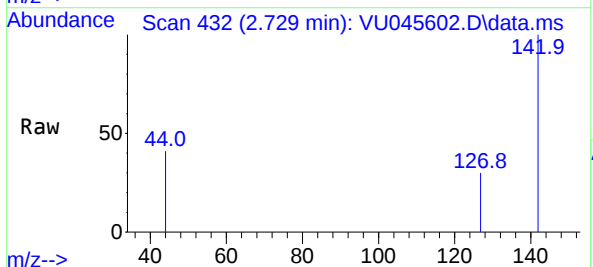
Instrument :
MSVOA_U
ClientSampleId :

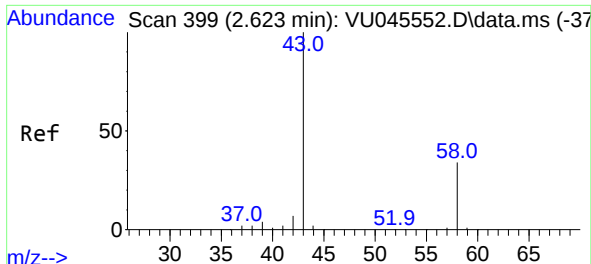
Tgt Ion: 94 Resp: 335
Ion Ratio Lower Upper
94 100
96 82.5 75.4 113.2



#10
Methyl Iodide
Concen: 0.465 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

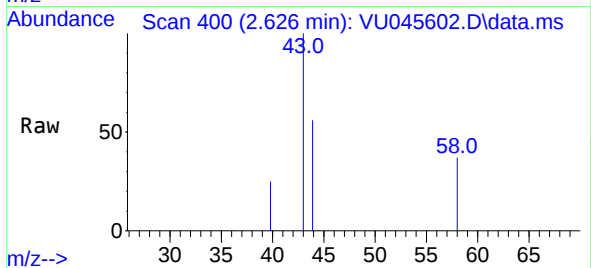
Tgt Ion: 142 Resp: 817
Ion Ratio Lower Upper
142 100
127 20.0 32.2 48.2#
141 0.0 11.3 16.9#



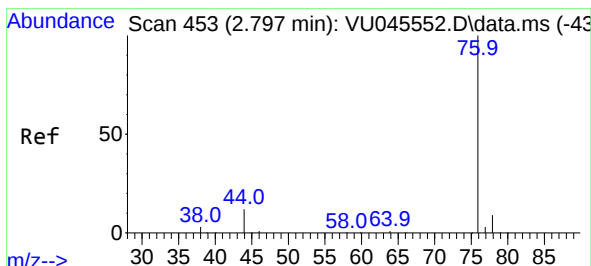
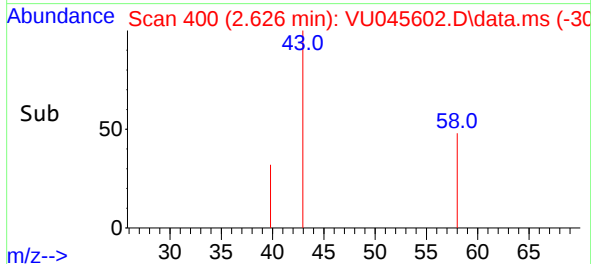
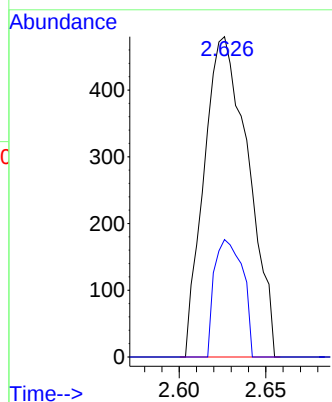


#16
Acetone
Concen: 0.927 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

Instrument :
MSVOA_U
ClientSampleId :

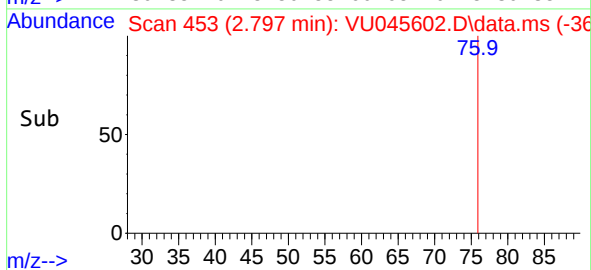
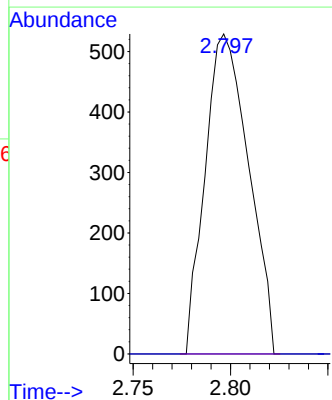
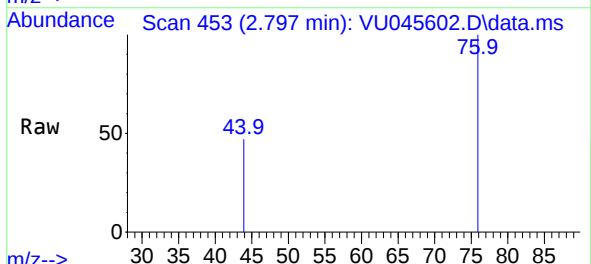


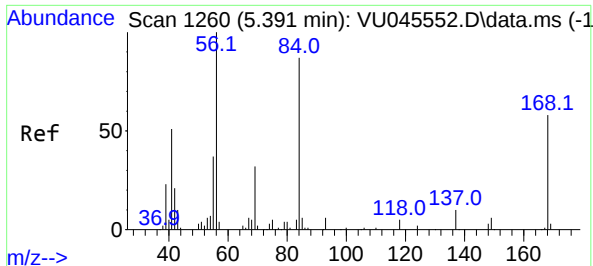
Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
58 36.7 26.2 39.2



#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

Tgt Ion: 76 Resp: 823
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#





#31

Cyclohexane

Concen: 1.017 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.016 min

Lab File: VU045602.D

Acq: 08 Nov 2021 10:00

Instrument :

MSVOA_U

ClientSampleId :

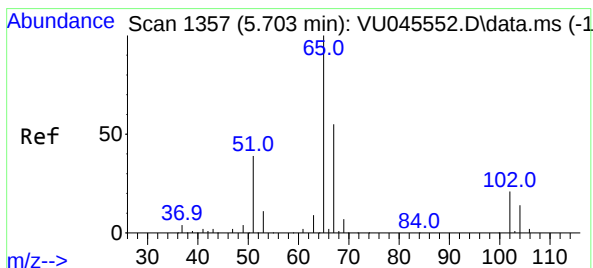
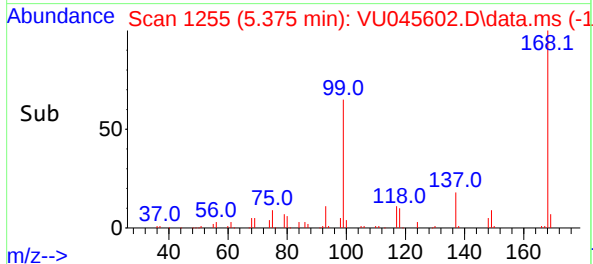
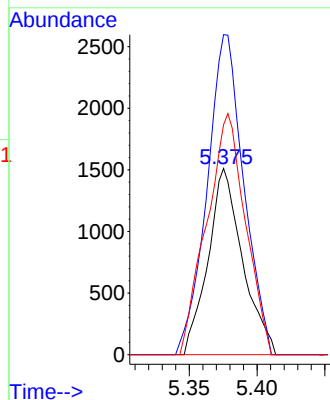
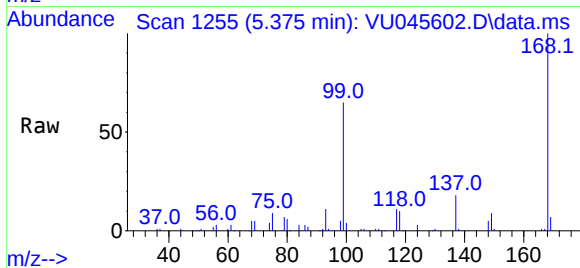
Tgt Ion: 56 Resp: 2673

Ion Ratio Lower Upper

56 100

69 171.9 26.4 39.6#

84 123.5 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 55.081 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU045602.D

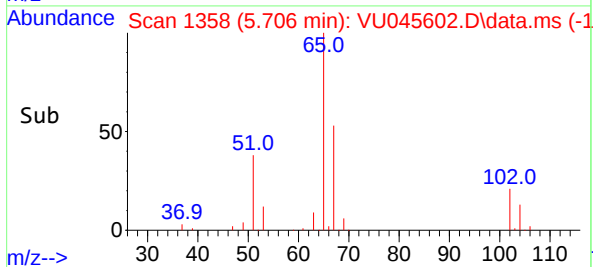
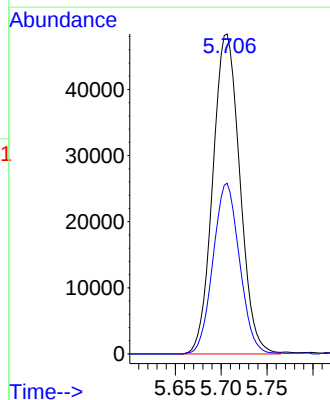
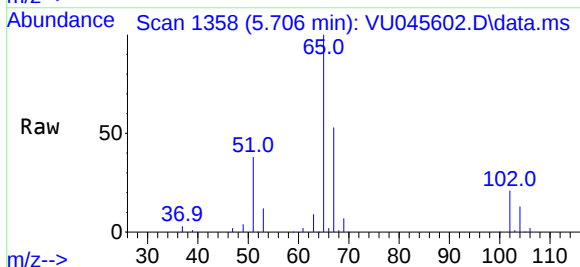
Acq: 08 Nov 2021 10:00

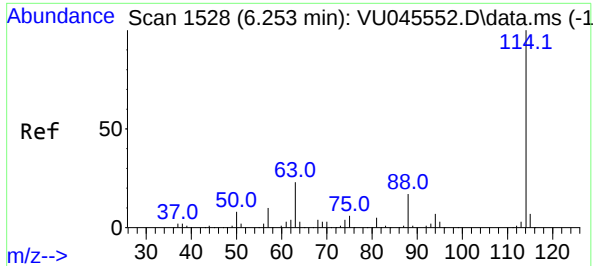
Tgt Ion: 65 Resp: 99191

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.8

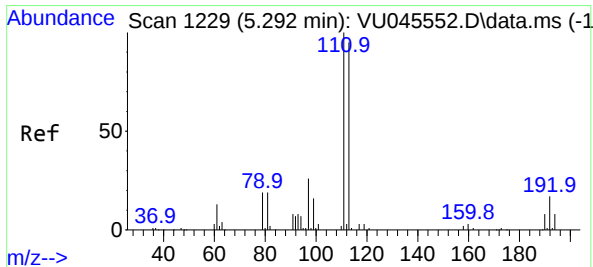
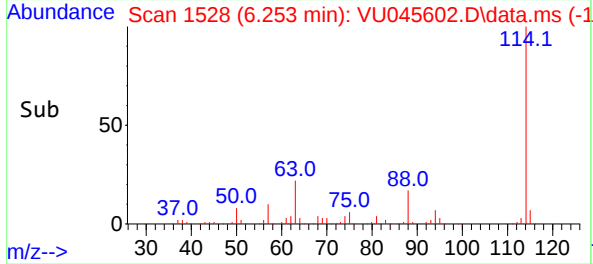
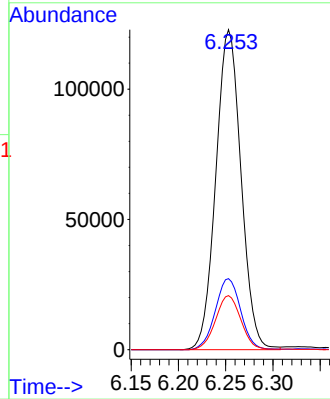
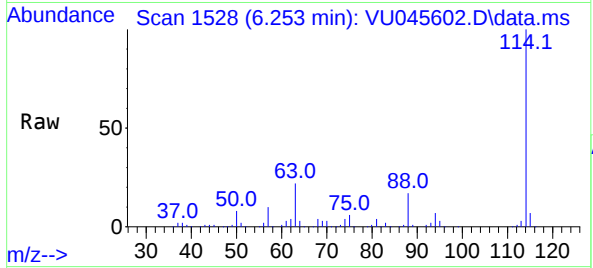




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

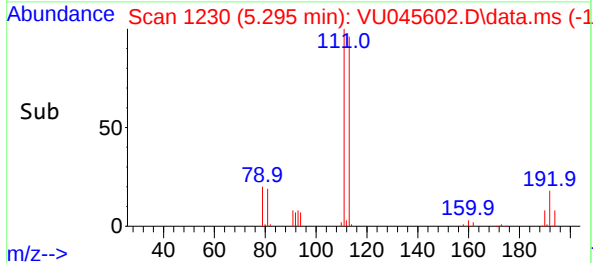
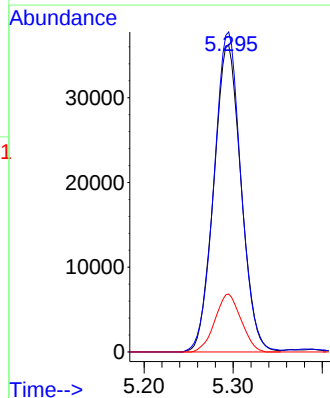
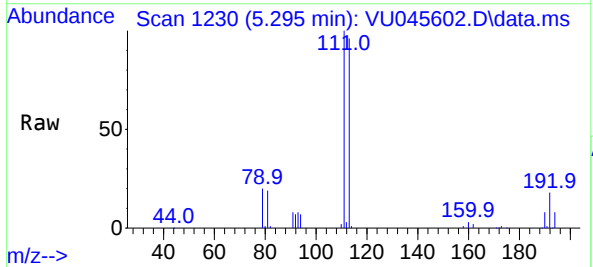
Instrument :
MSVOA_U
ClientSampleId :

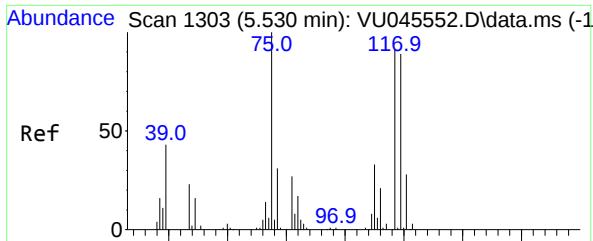
Tgt Ion:114 Resp: 227621
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.6
88 16.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.736 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

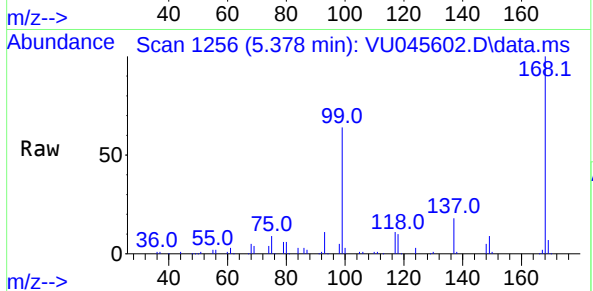
Tgt Ion:113 Resp: 77104
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.0 14.8 22.2



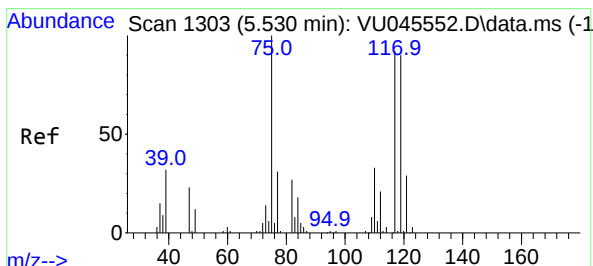
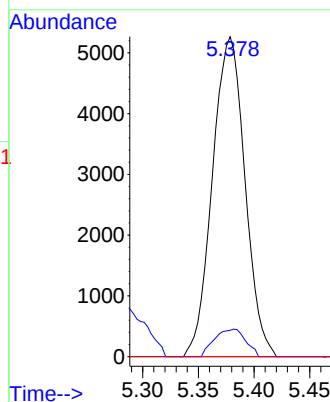
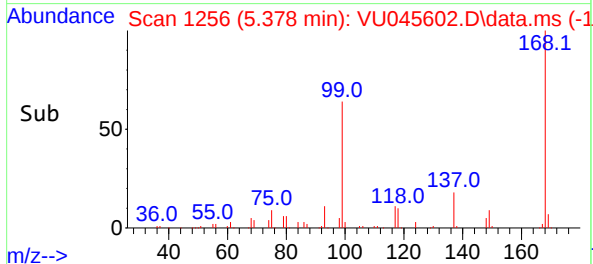


#36
1,1-Dichloropropene
Concen: 4.813 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

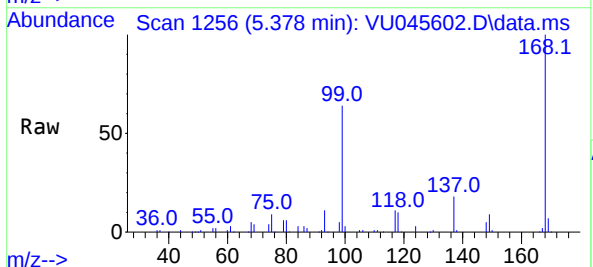
Instrument :
MSVOA_U
ClientSampleId :



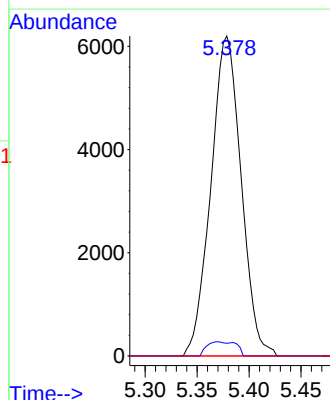
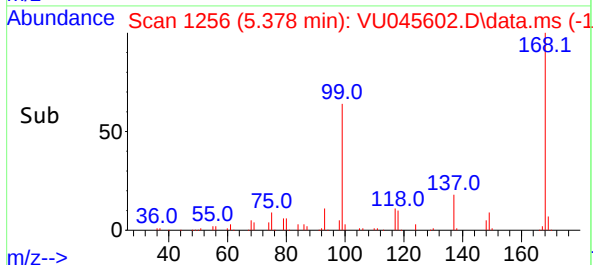
Tgt Ion: 75 Resp: 10683
Ion Ratio Lower Upper
75 100
110 8.2 16.7 50.0#
77 0.0 25.0 37.4#

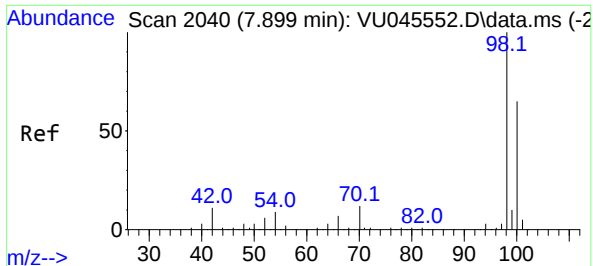


#38
Carbon Tetrachloride
Concen: 5.619 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00



Tgt Ion: 117 Resp: 12573
Ion Ratio Lower Upper
117 100
119 3.9 77.4 116.0#
121 0.0 24.8 37.2#

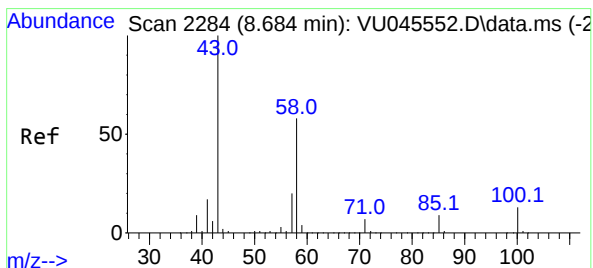
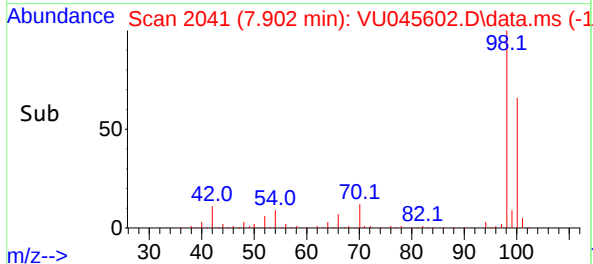
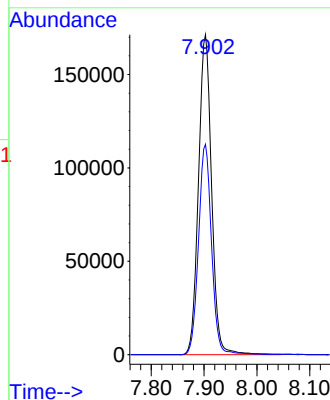
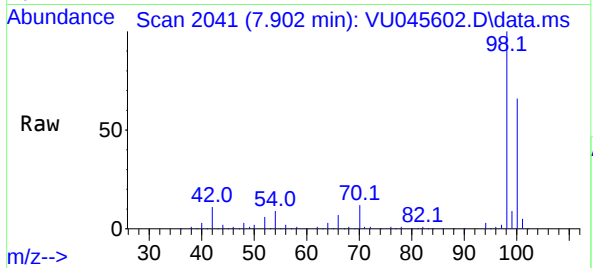




#50
Toluene-d8
Concen: 52.204 ug/l
RT: 7.902 min Scan# 2040
Delta R.T. 0.003 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

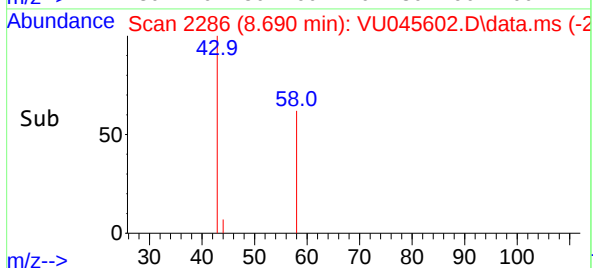
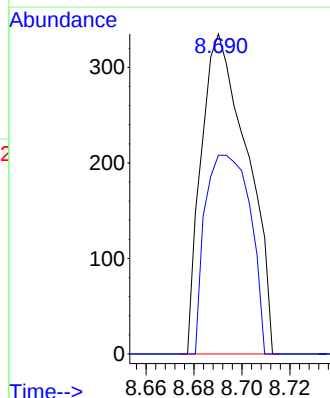
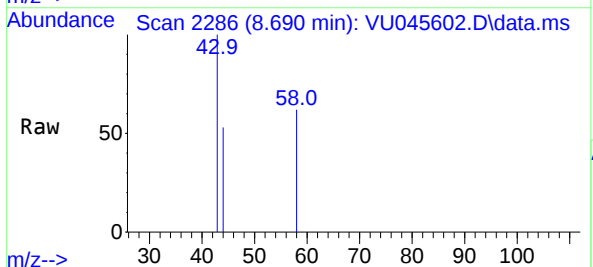
Instrument :
MSVOA_U
ClientSampleId :

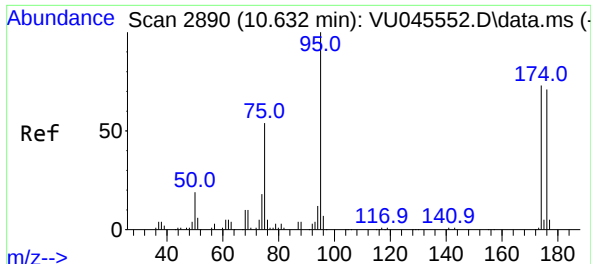
Tgt Ion: 98 Resp: 295004
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#59
2-Hexanone
Concen: 7.728 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
58 60.5 29.5 88.6

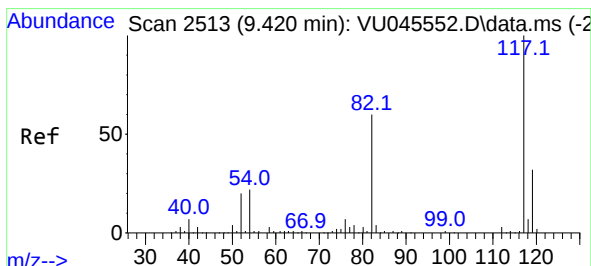
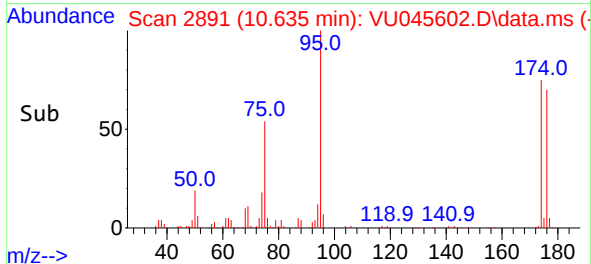
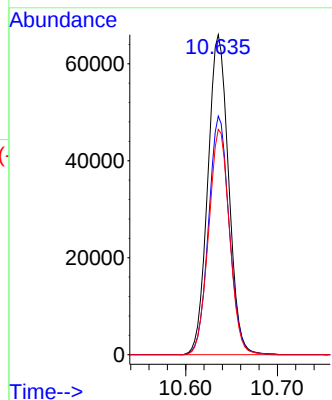
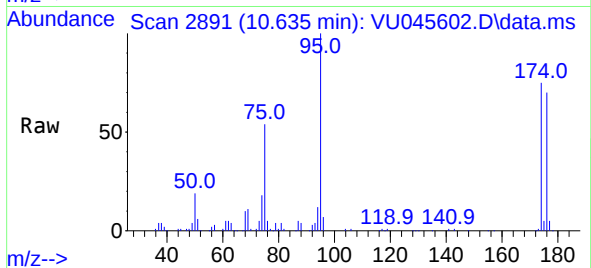




#62
4-Bromofluorobenzene
Concen: 45.846 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

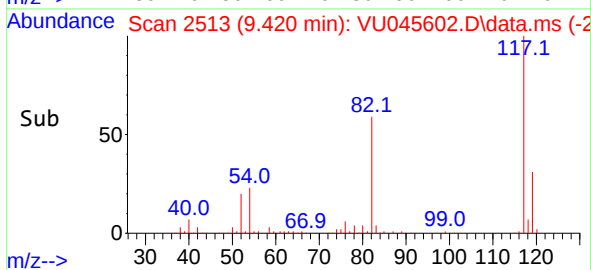
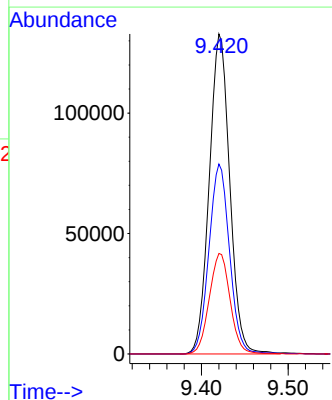
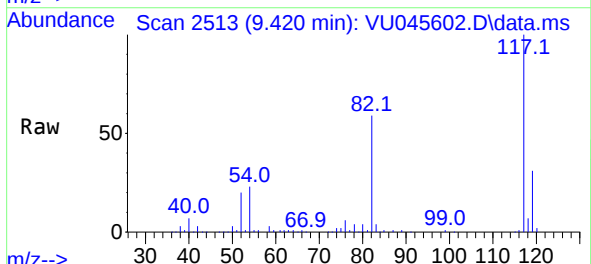
Instrument :
MSVOA_U
ClientSampleId :

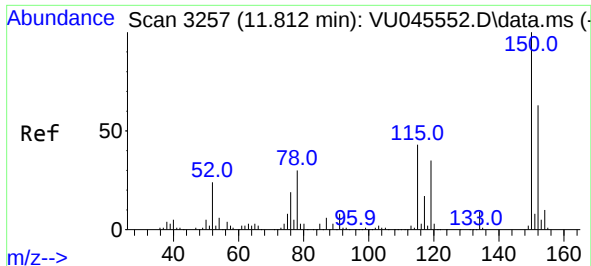
Tgt Ion: 95 Resp: 103888
Ion Ratio Lower Upper
95 100
174 74.3 0.0 141.8
176 70.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

Tgt Ion: 117 Resp: 218460
Ion Ratio Lower Upper
117 100
82 59.4 47.8 71.8
119 31.4 25.8 38.8

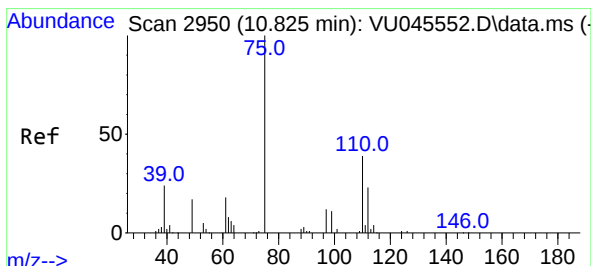
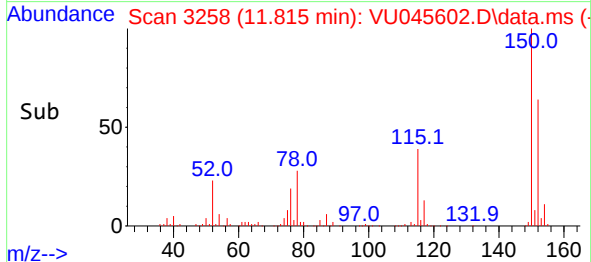
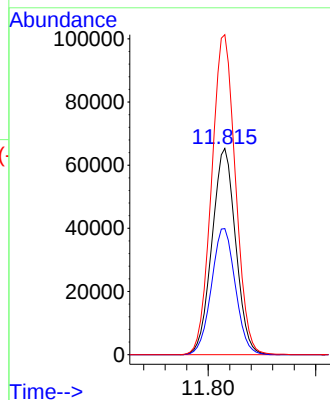
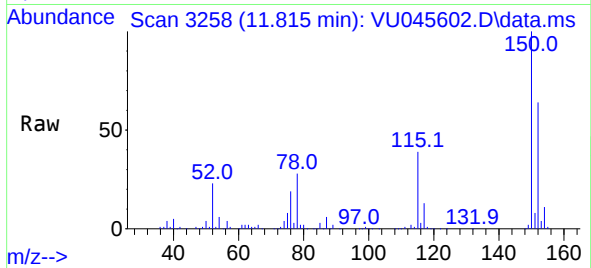




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

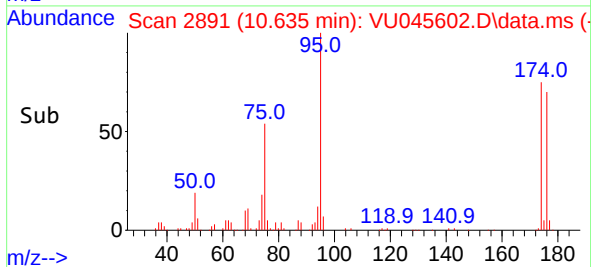
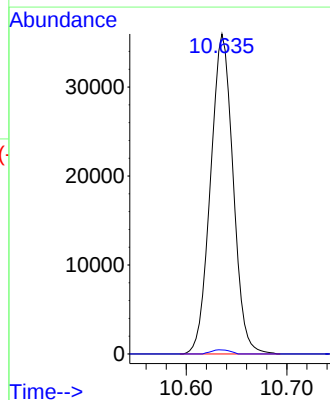
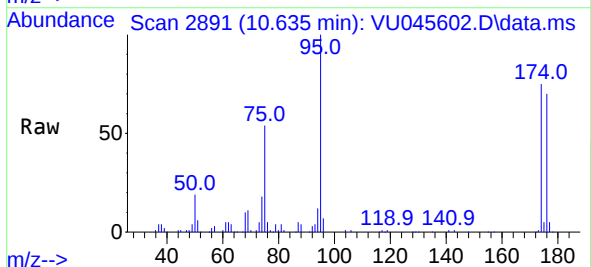
Instrument :
MSVOA_U
ClientSampleId :

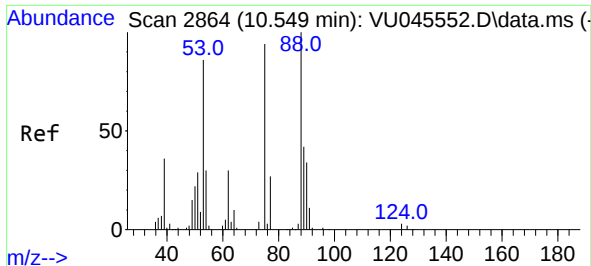
Tgt Ion:152 Resp: 99920
Ion Ratio Lower Upper
152 100
115 61.7 42.7 128.1
150 156.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 18.528 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

Tgt Ion: 75 Resp: 56144
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

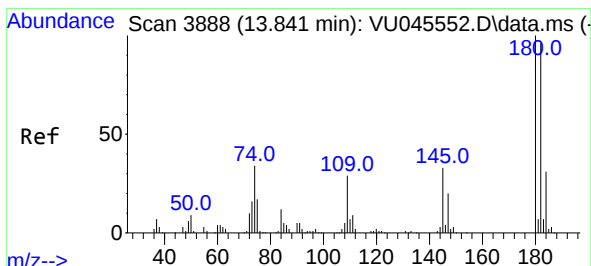
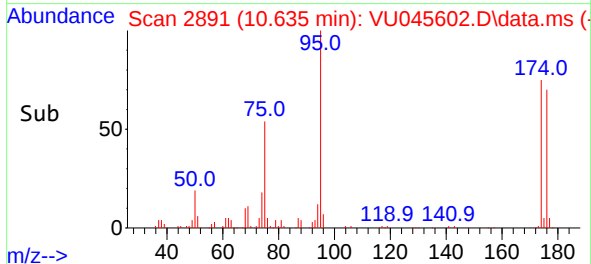
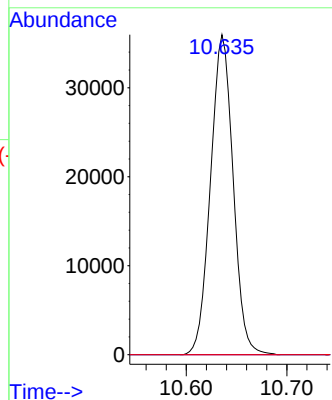
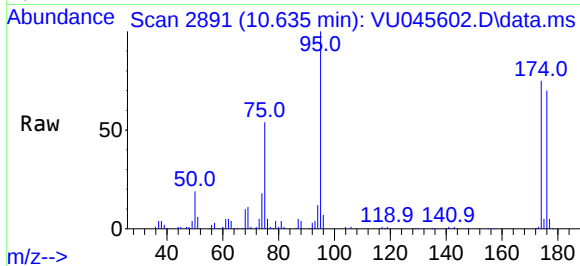




#81
trans-1,4-Dichloro-2-butene
Concen: 60.058 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

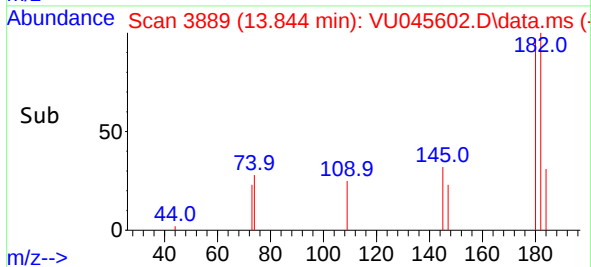
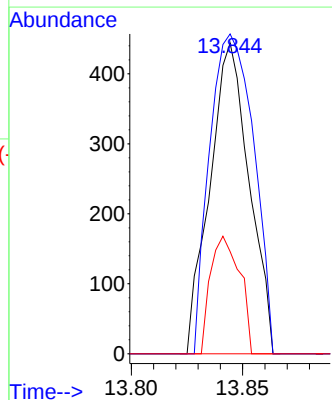
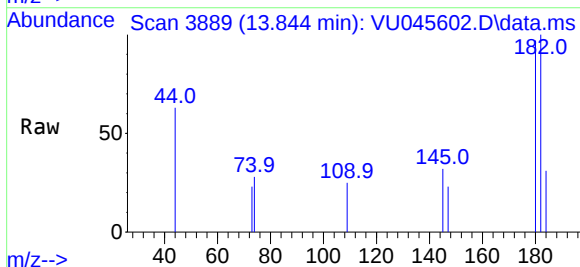
Instrument :
MSVOA_U
ClientSampleId :

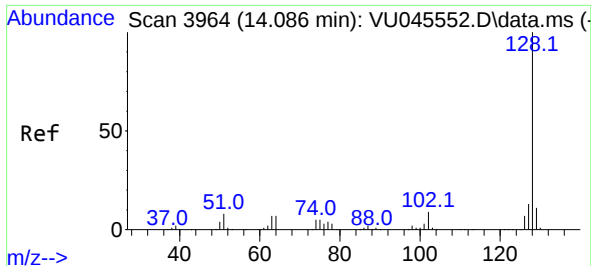
Tgt Ion: 75 Resp: 56144
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.254 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

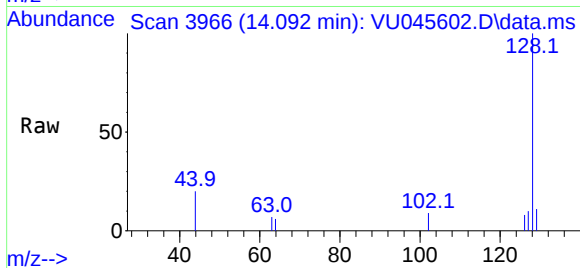
Tgt Ion:180 Resp: 546
Ion Ratio Lower Upper
180 100
182 115.2 47.0 141.2
145 28.0 15.6 46.7



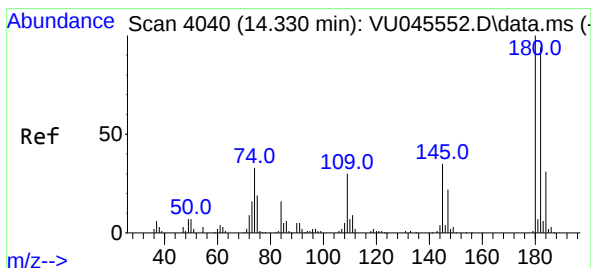
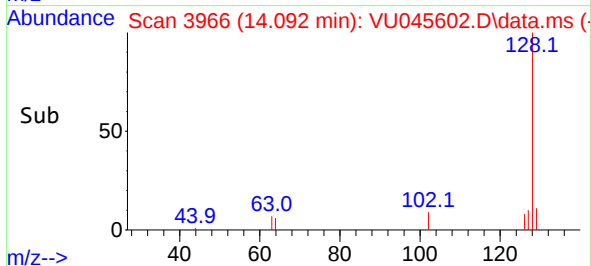
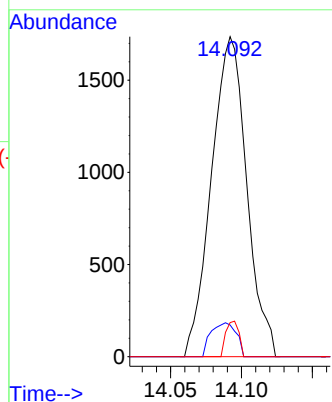


#95
Naphthalene
Concen: 1.393 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 3006
Ion Ratio Lower Upper
128 100
127 7.6 10.6 15.8#
129 4.1 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.358 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU045602.D
Acq: 08 Nov 2021 10:00

Tgt Ion:180 Resp: 764
Ion Ratio Lower Upper
180 100
182 97.0 47.7 143.1
145 19.5 16.7 50.0

