

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045751.D
 Acq On : 11 Nov 2021 20:05
 Operator : SY/MD
 Sample : M4657-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 06:13:26 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)

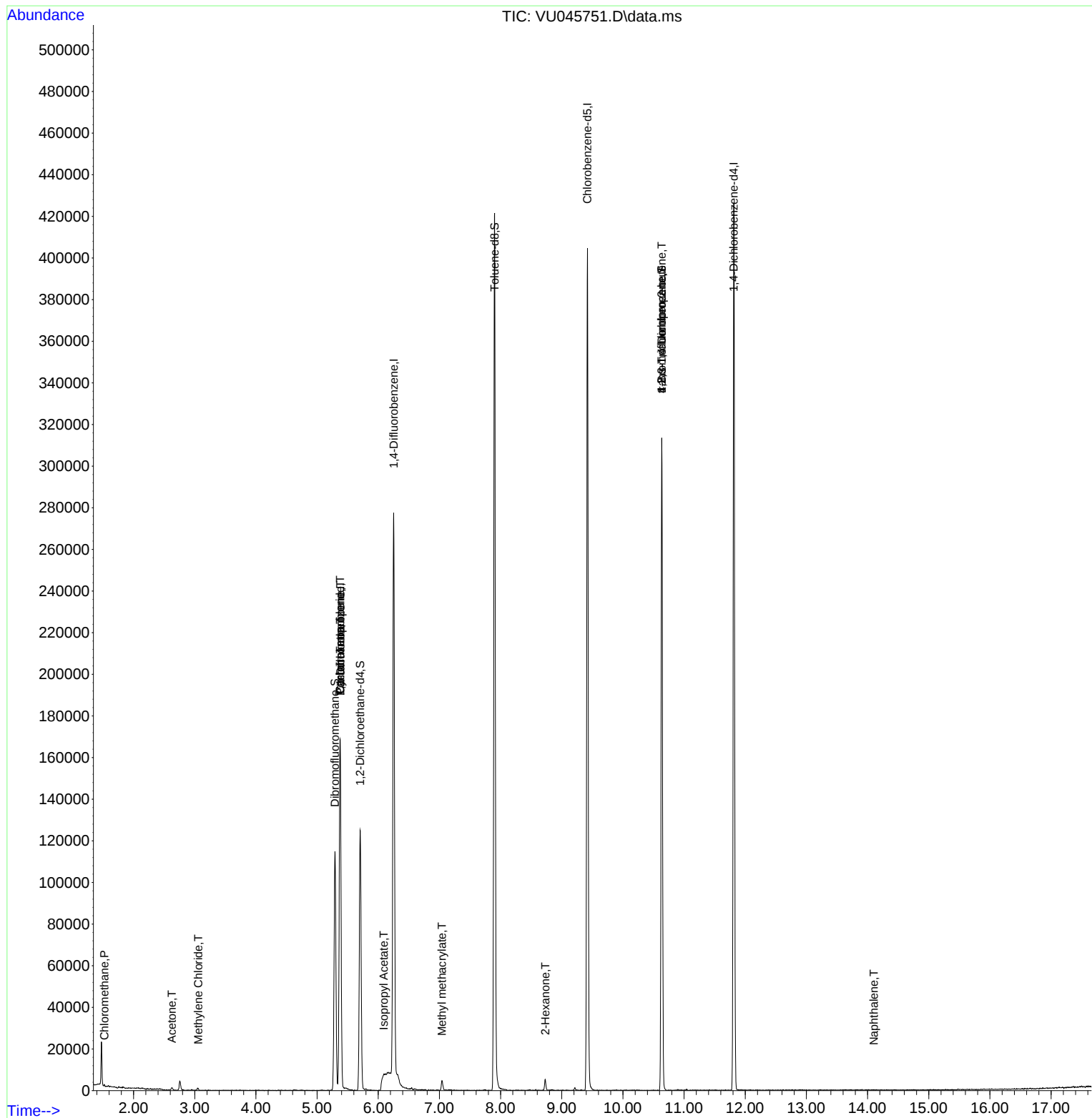
Internal Standards						
1) Pentafluorobenzene	5.379	168	113736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	215210	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	217673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	107276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	93308	54.780	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.560%		
35) Dibromofluoromethane	5.292	113	73923	51.448	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.900%		
50) Toluene-d8	7.903	98	279330	52.281	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.560%		
62) 4-Bromofluorobenzene	10.636	95	104427	48.741	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	456	0.270	ug/l	95
16) Acetone	2.626	43	1453	1.676	ug/l #	79
20) Methylene Chloride	3.057	84	454	0.301	ug/l #	79
31) Cyclohexane	5.375	56	2566	1.032	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	10018	4.774	ug/l #	49
38) Carbon Tetrachloride	5.375	117	12134	5.736	ug/l #	16
43) Isopropyl Acetate	6.089	43	9241	2.506	ug/l #	59
48) Methyl methacrylate	7.041	41	430	0.253	ug/l #	35
59) 2-Hexanone	8.732	43	664	7.839	ug/l #	35
76) 1,2,3-Trichloropropane	10.636	75	54634	16.794	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	54634	54.715	ug/l #	12
95) Naphthalene	14.102	128	20	1.031	ug/l #	69

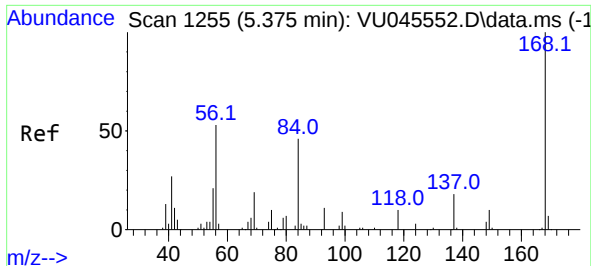
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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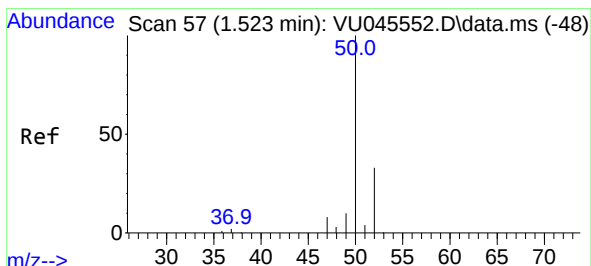
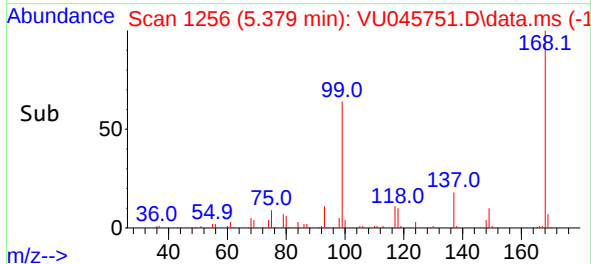
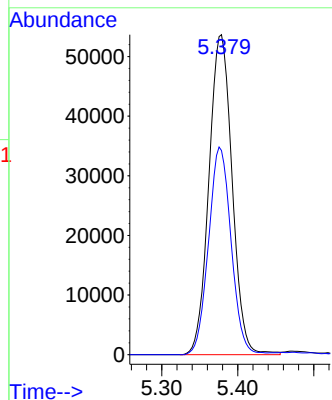
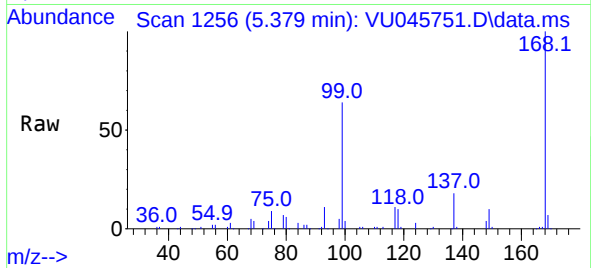




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

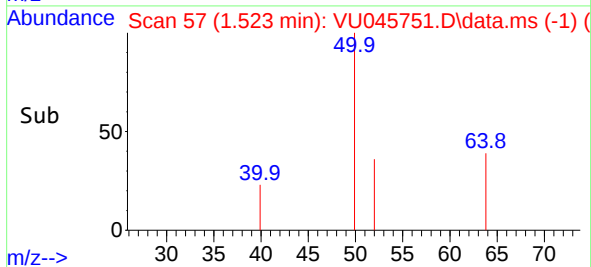
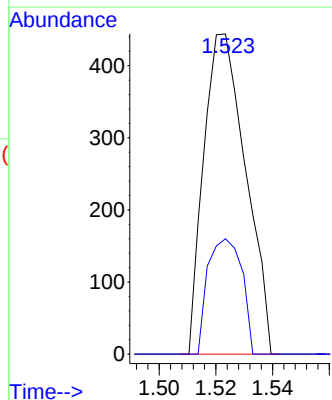
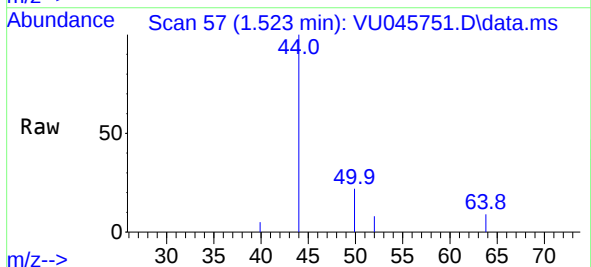
Instrument :
MSVOA_U
ClientSampleId :

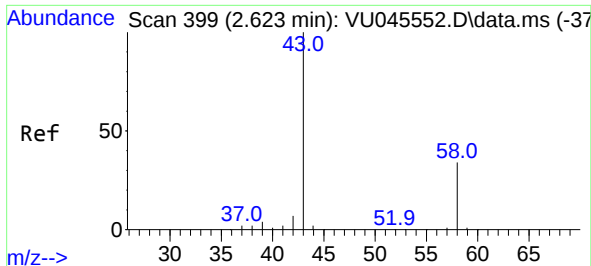
Tgt Ion:168 Resp: 113736
Ion Ratio Lower Upper
168 100
99 63.8 51.0 76.6



#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

Tgt Ion: 50 Resp: 456
Ion Ratio Lower Upper
50 100
52 36.0 26.6 40.0

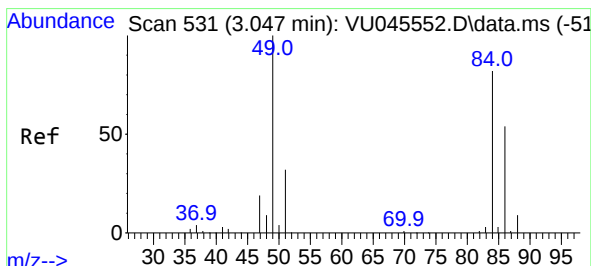
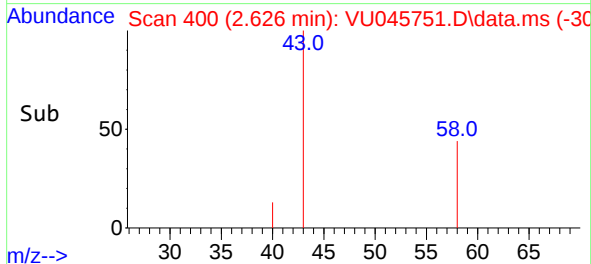
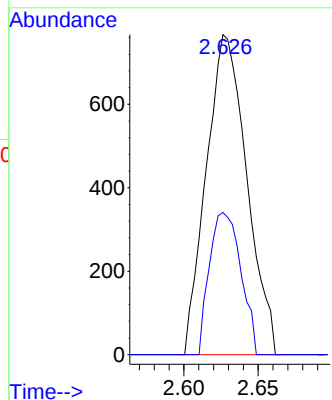
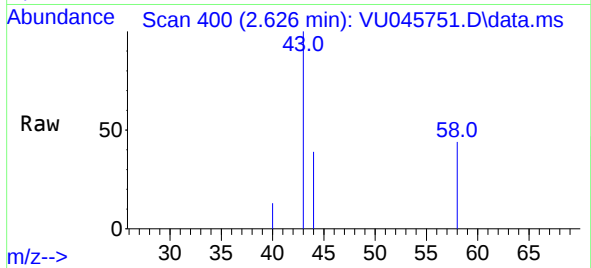




#16
Acetone
Concen: 1.676 ug/l
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

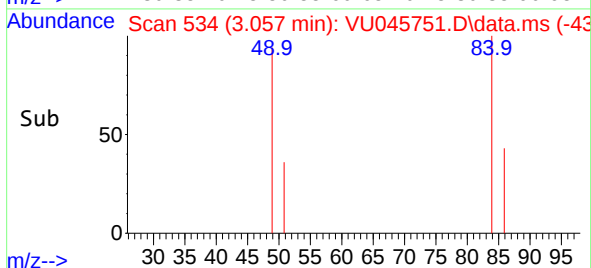
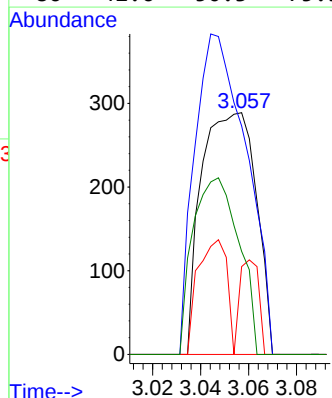
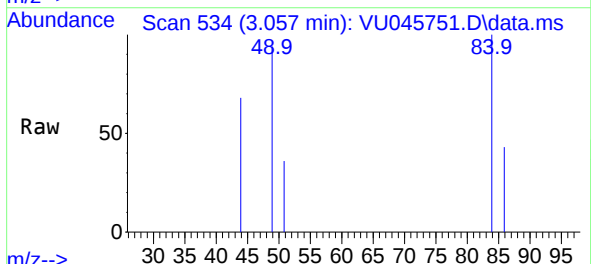
Instrument :
MSVOA_U
ClientSampleId :

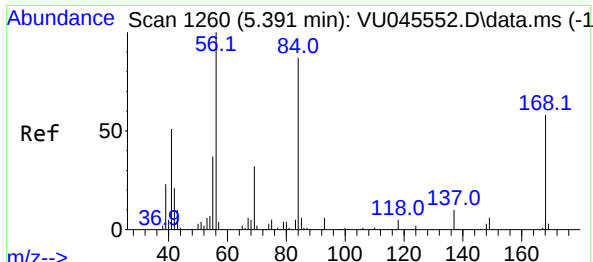
Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
58 44.5 26.2 39.2#



#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.010 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

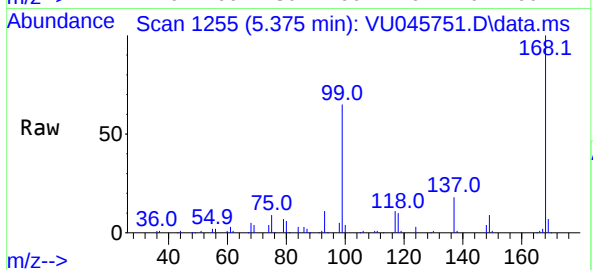
Tgt Ion: 84 Resp: 454
Ion Ratio Lower Upper
84 100
49 94.5 96.4 144.6#
51 36.3 30.5 45.7
86 42.6 50.3 75.5#



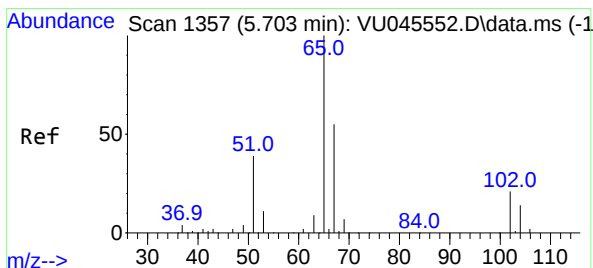
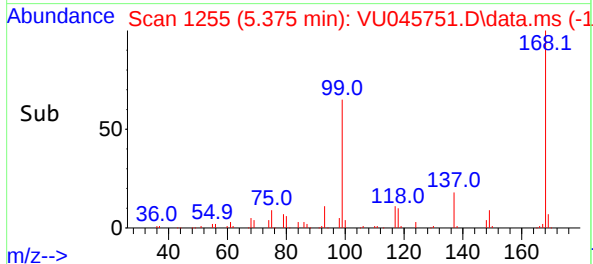
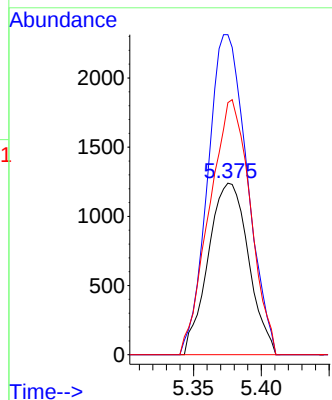


#31
Cyclohexane
Concen: 1.032 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

Instrument :
MSVOA_U
ClientSampleId :

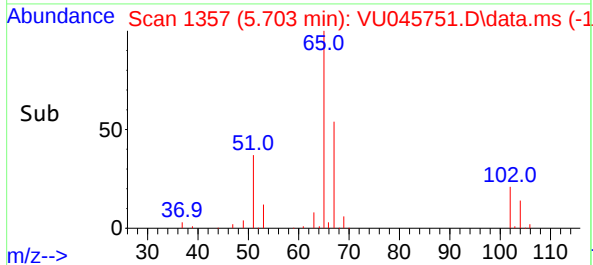
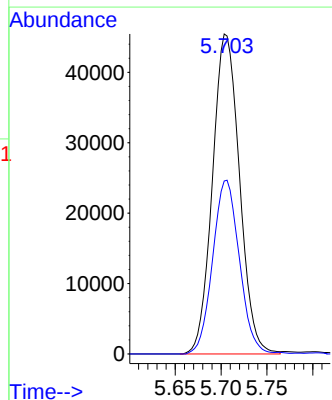
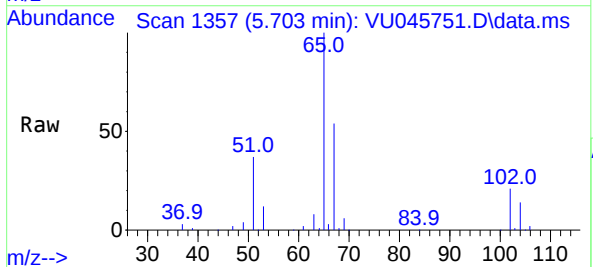


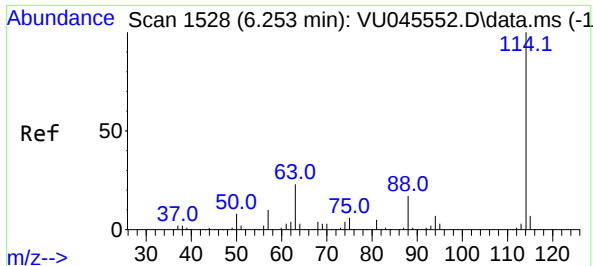
Tgt Ion: 56 Resp: 2566
Ion Ratio Lower Upper
56 100
69 186.5 26.4 39.6#
84 146.9 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 54.780 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

Tgt Ion: 65 Resp: 93308
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.8

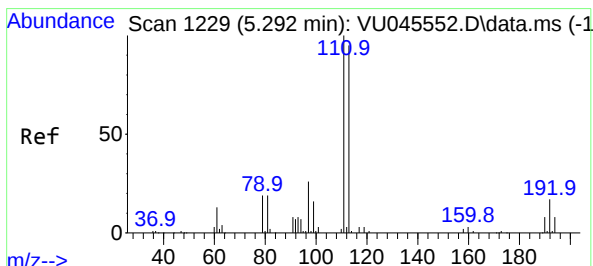
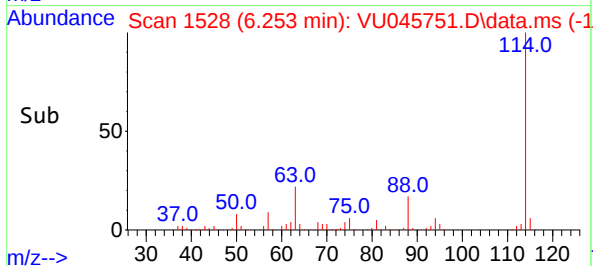
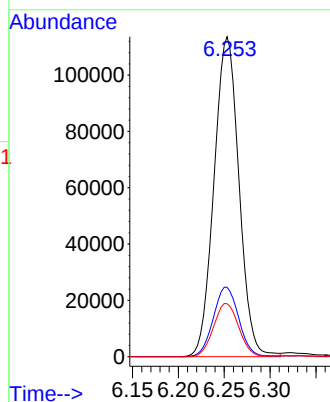
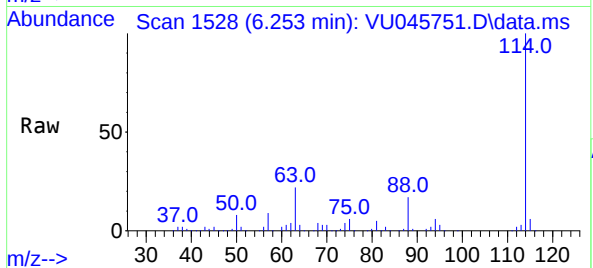




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

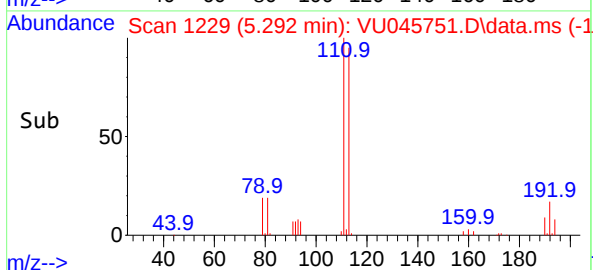
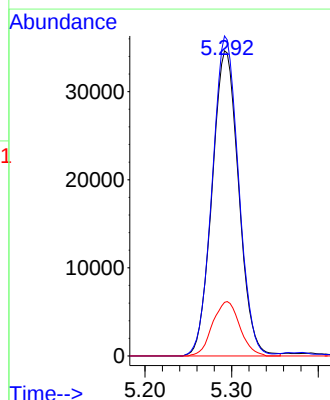
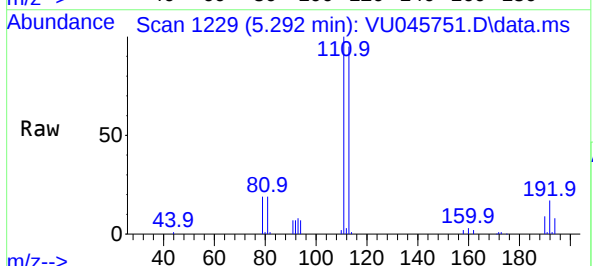
Instrument :
MSVOA_U
ClientSampleId :

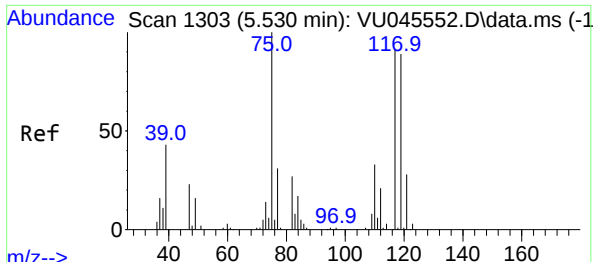
Tgt Ion:114 Resp: 215210
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.6
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.448 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

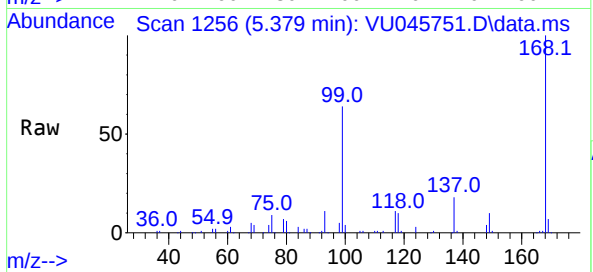
Tgt Ion:113 Resp: 73923
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.2 14.8 22.2



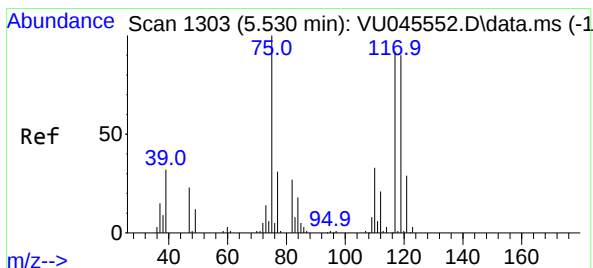
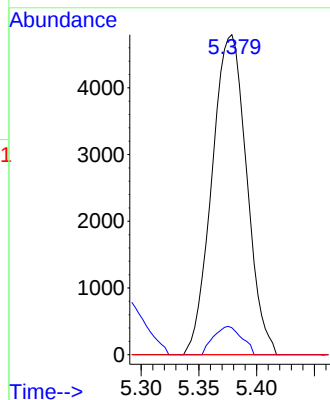
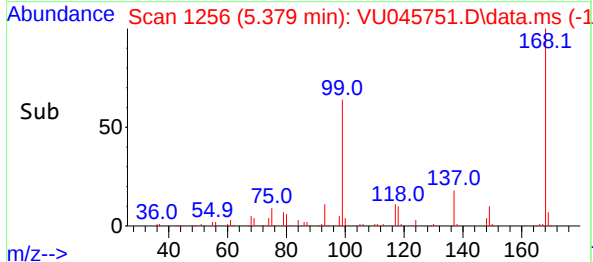


#36
1,1-Dichloropropene
Concen: 4.774 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

Instrument :
MSVOA_U
ClientSampleId :

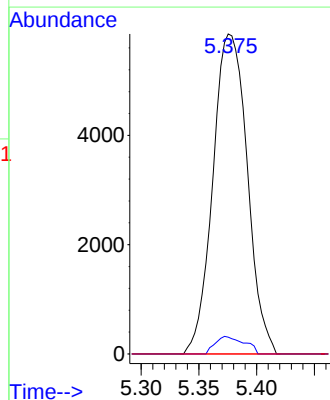
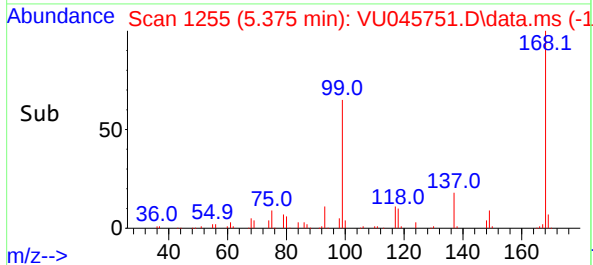
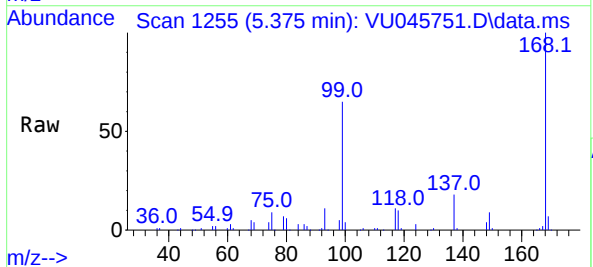


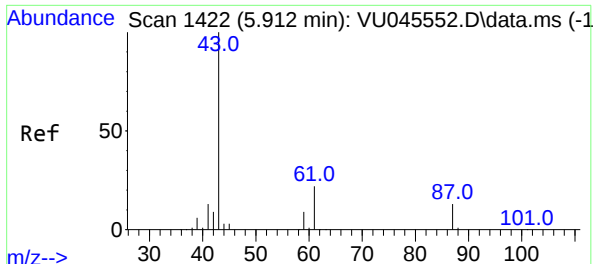
Tgt Ion: 75 Resp: 10018
Ion Ratio Lower Upper
75 100
110 7.2 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

Tgt Ion: 117 Resp: 12134
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.0#
121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 2.506 ug/l

RT: 6.089 min Scan# 1422

Delta R.T. 0.177 min

Lab File: VU045751.D

Acq: 11 Nov 2021 20:05

Instrument :

MSVOA_U

ClientSampleId :

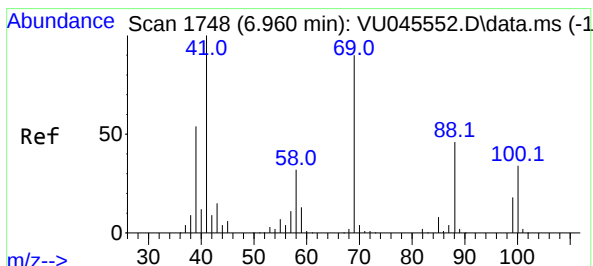
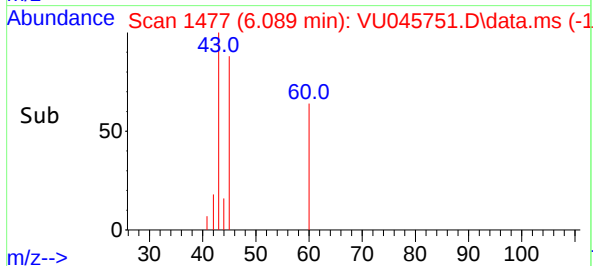
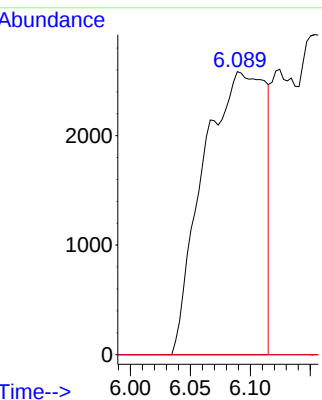
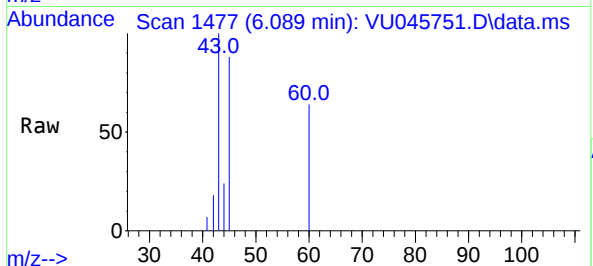
Tgt Ion: 43 Resp: 9241

Ion Ratio Lower Upper

43 100

61 0.0 16.9 25.3#

87 0.0 11.0 16.4#



#48

Methyl methacrylate

Concen: 0.253 ug/l

RT: 7.041 min Scan# 1773

Delta R.T. 0.080 min

Lab File: VU045751.D

Acq: 11 Nov 2021 20:05

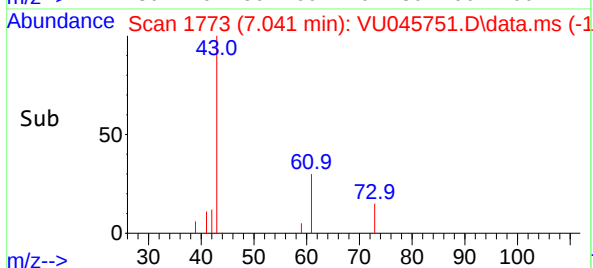
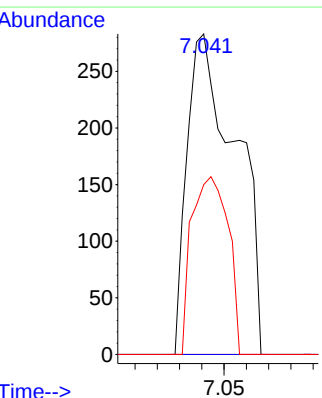
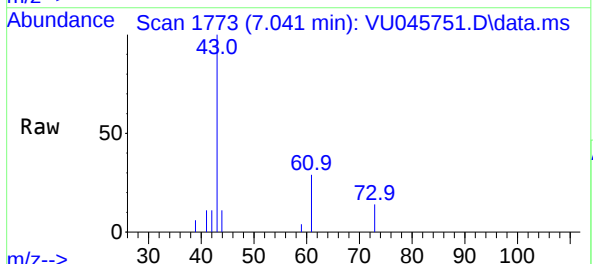
Tgt Ion: 41 Resp: 430

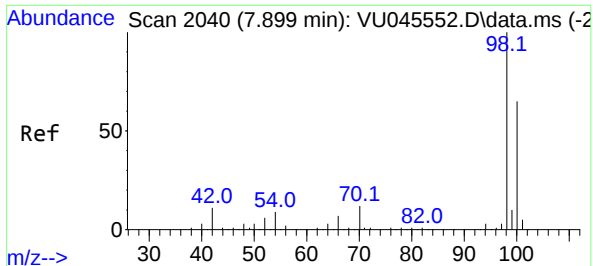
Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.2#

39 41.6 43.9 65.9#

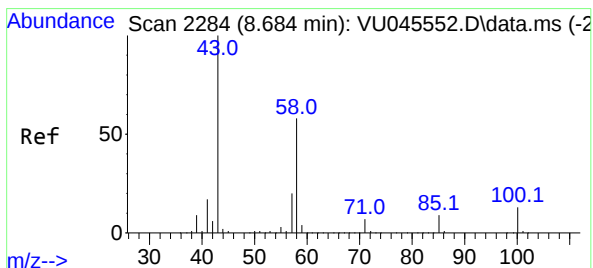
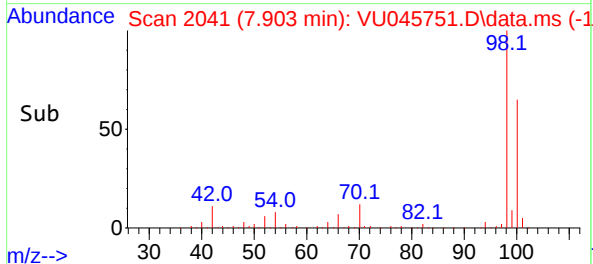
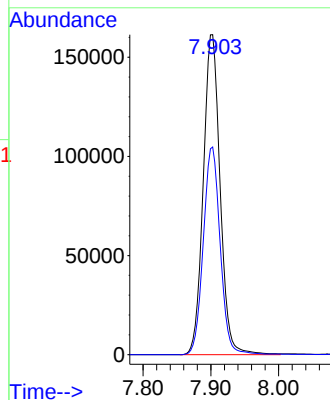
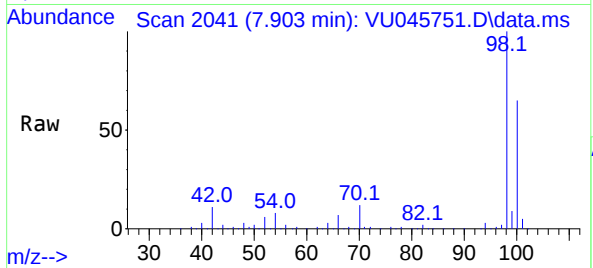




#50
Toluene-d8
Concen: 52.281 ug/l
RT: 7.903 min Scan# 2040
Delta R.T. 0.003 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

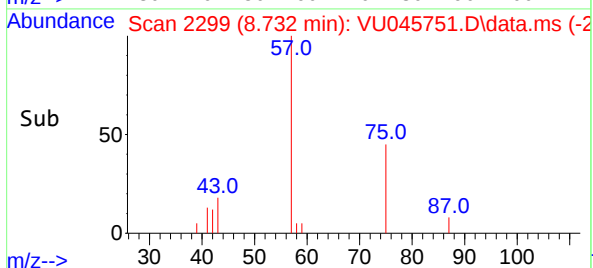
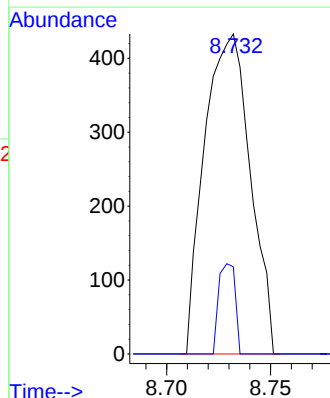
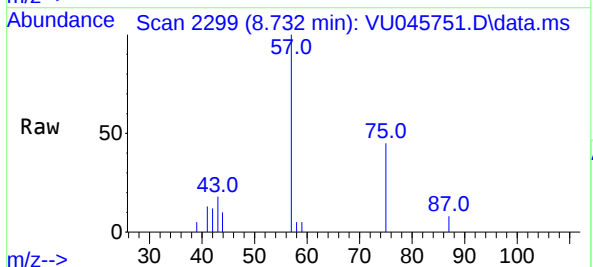
Instrument :
MSVOA_U
ClientSampleId :

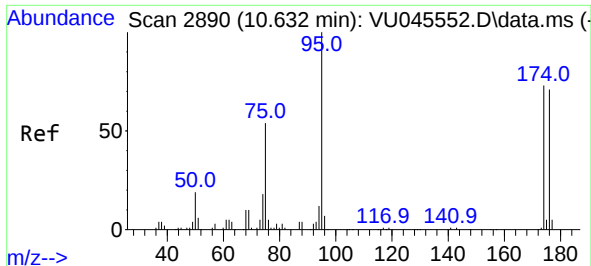
Tgt Ion: 98 Resp: 279330
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#59
2-Hexanone
Concen: 7.839 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.048 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
58 10.1 29.5 88.6#

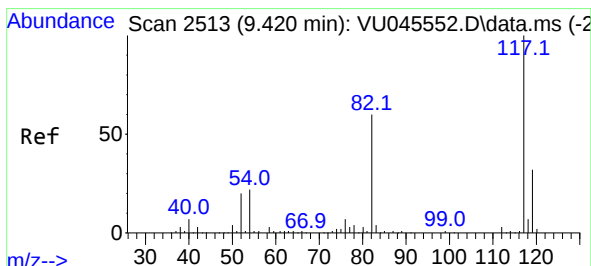
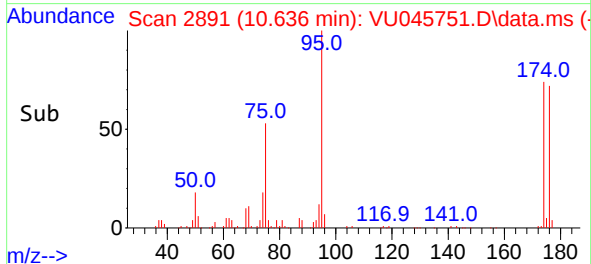
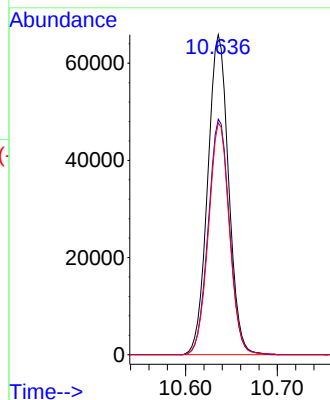
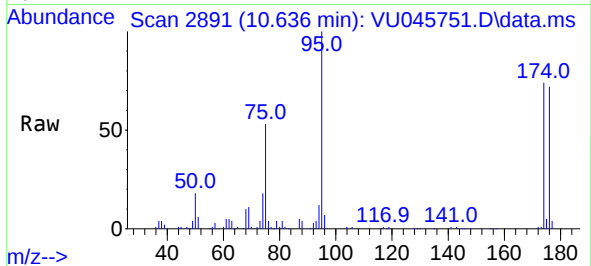




#62
4-Bromofluorobenzene
Concen: 48.741 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

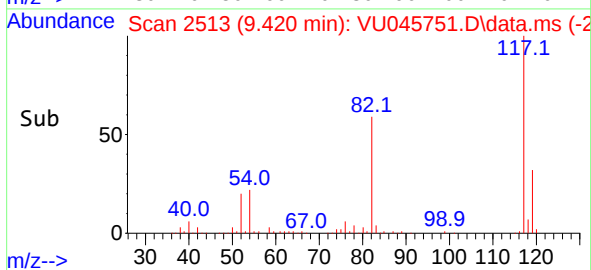
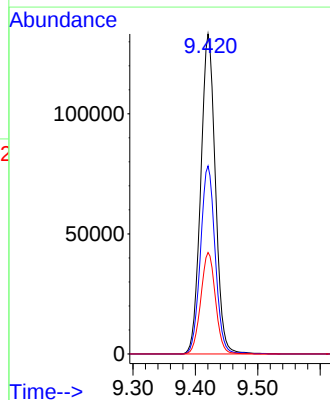
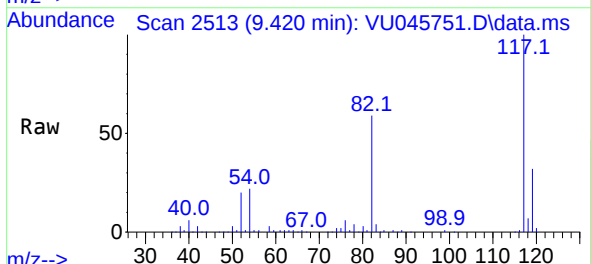
Instrument :
MSVOA_U
ClientSampleId :

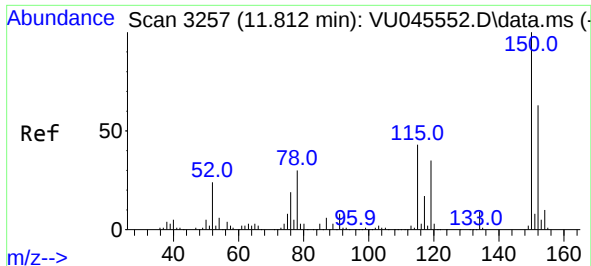
Tgt Ion: 95 Resp: 104427
Ion Ratio Lower Upper
95 100
174 74.6 0.0 141.8
176 72.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

Tgt Ion: 117 Resp: 217673
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 31.7 25.8 38.8

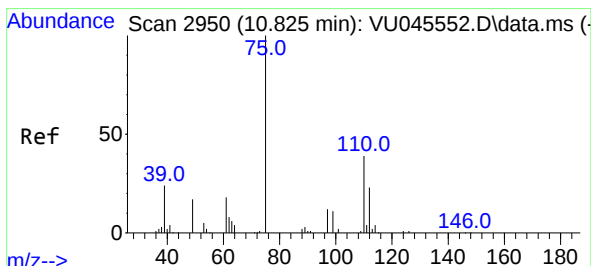
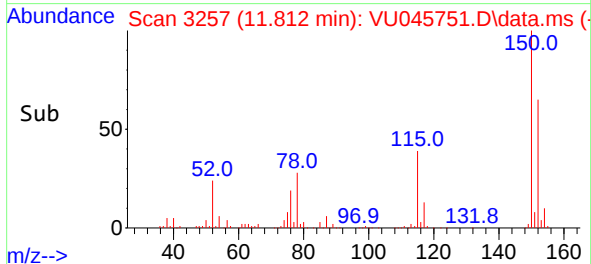
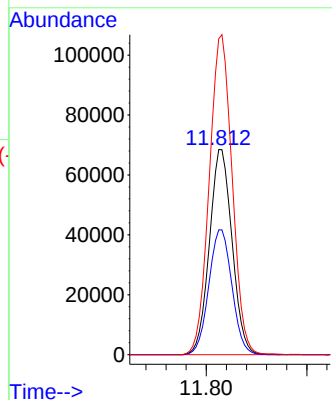
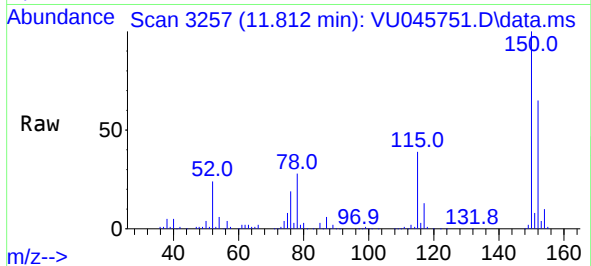




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

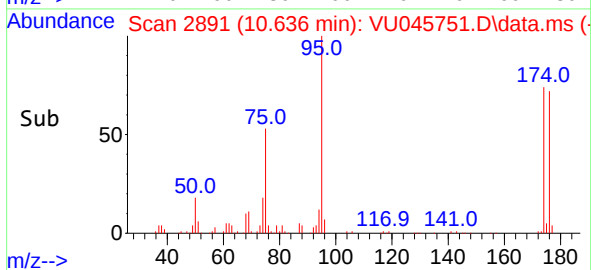
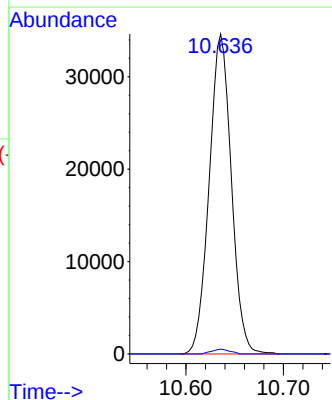
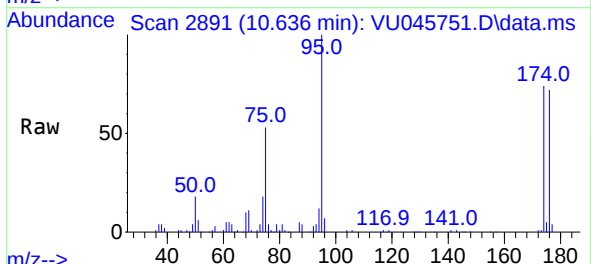
Instrument :
MSVOA_U
ClientSampleId :

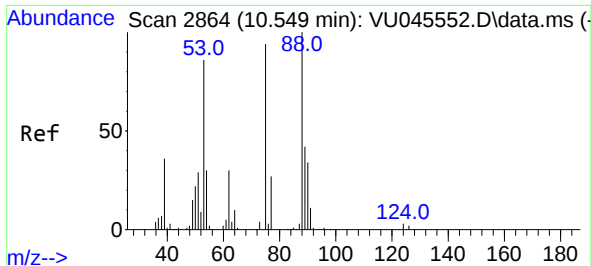
Tgt Ion:152 Resp: 107276
Ion Ratio Lower Upper
152 100
115 61.9 42.7 128.1
150 157.0 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.794 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

Tgt Ion: 75 Resp: 54634
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#

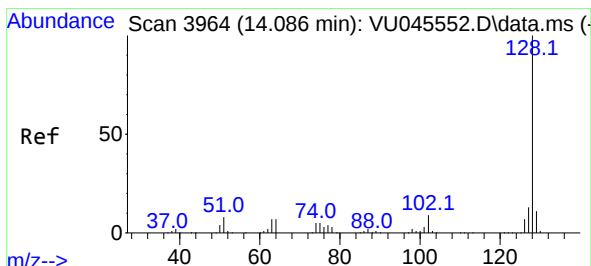
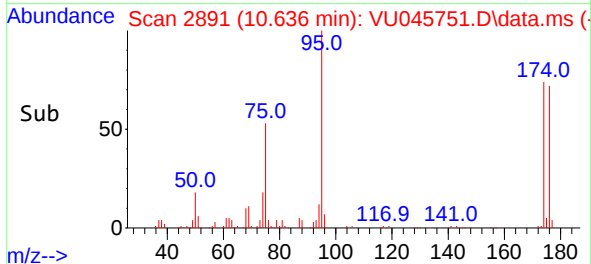
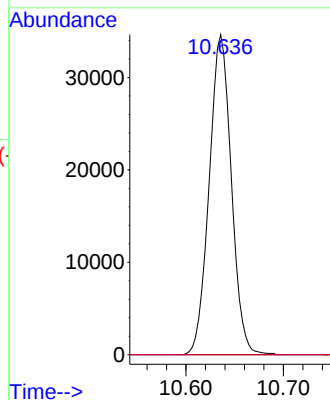
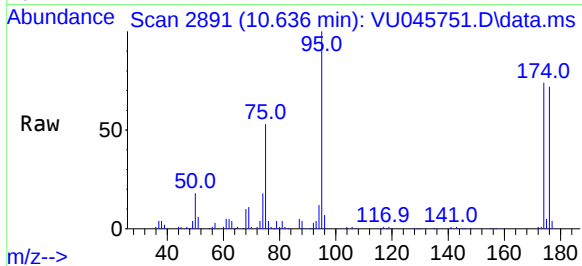




#81
trans-1,4-Dichloro-2-butene
Concen: 54.715 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 54634
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.031 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.016 min
Lab File: VU045751.D
Acq: 11 Nov 2021 20:05

Tgt Ion:128 Resp: 20
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

