

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045607.D
 Acq On : 08 Nov 2021 12:05
 Operator : SY/MD
 Sample : M4434-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 2229

Quant Time: Nov 08 14:59:19 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)

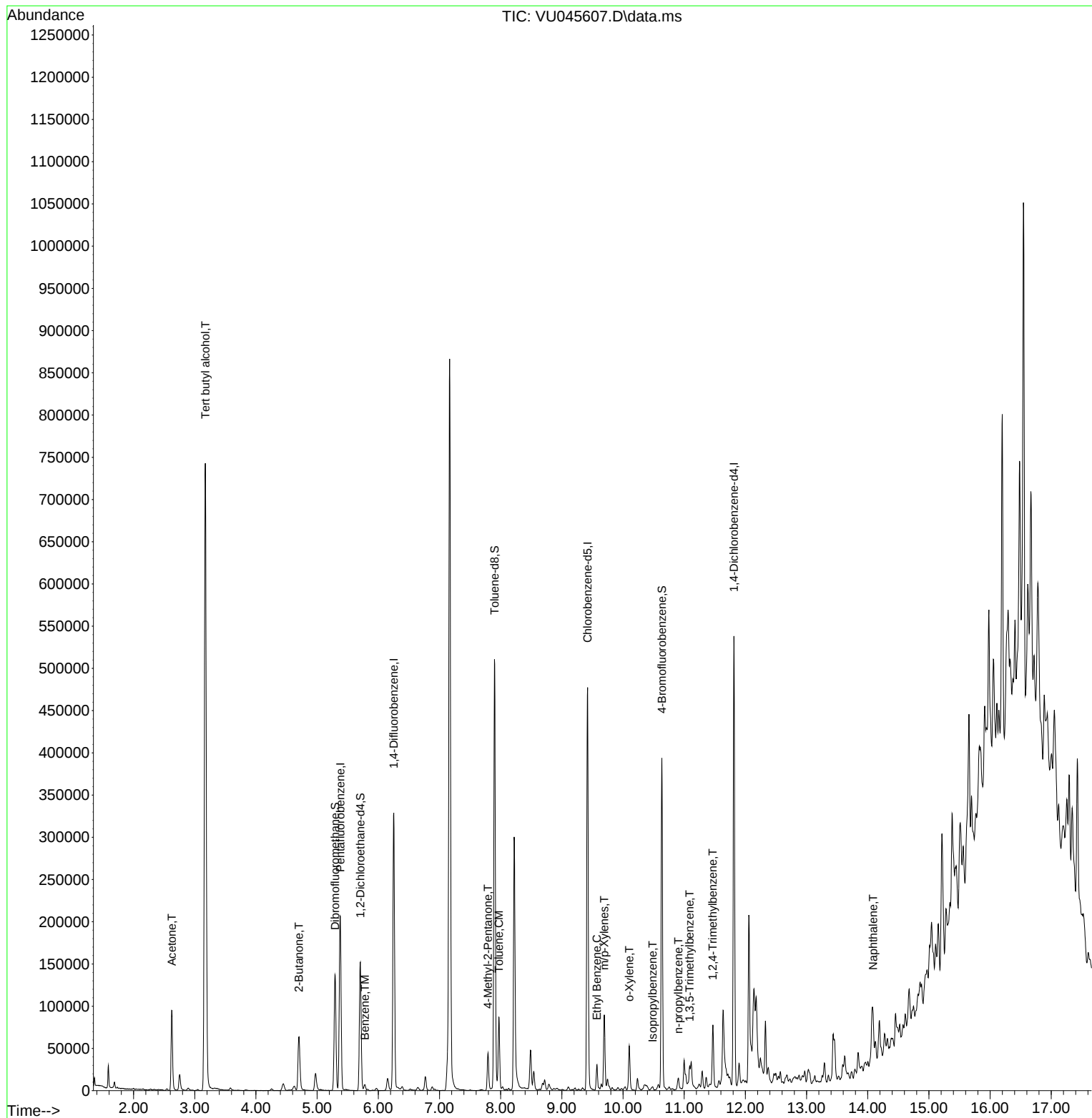
Internal Standards						
1) Pentafluorobenzene	5.378	168	136175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	261901	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	258159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	130216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	112684	55.254	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.500%			
35) Dibromofluoromethane	5.292	113	87329	49.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	7.899	98	340730	52.403	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.800%			
62) 4-Bromofluorobenzene	10.635	95	130250	49.956	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.920%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.173	59	908733	2251.243	ug/l	99
16) Acetone	2.623	43	102891	99.111	ug/l	99
25) 2-Butanone	4.703	43	90389	62.776	ug/l	100
40) Benzene	5.780	78	6060	0.802	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	28989	9.794	ug/l	99
52) Toluene	7.973	92	34911	7.542	ug/l	99
67) Ethyl Benzene	9.574	91	19282	2.123	ug/l	96
68) m/p-Xylenes	9.693	106	24742	7.224	ug/l	100
69) o-Xylene	10.102	106	13815	4.149	ug/l	99
73) Isopropylbenzene	10.484	105	2371	0.279	ug/l	89
78) n-propylbenzene	10.906	91	7590	0.717	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	9170	1.234	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	38898	5.265	ug/l	98
95) Naphthalene	14.089	128	28904	3.715	ug/l	98

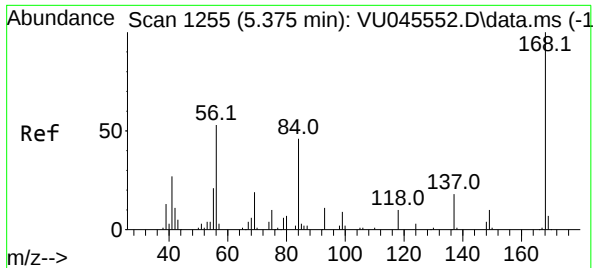
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 08 14:59:19 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

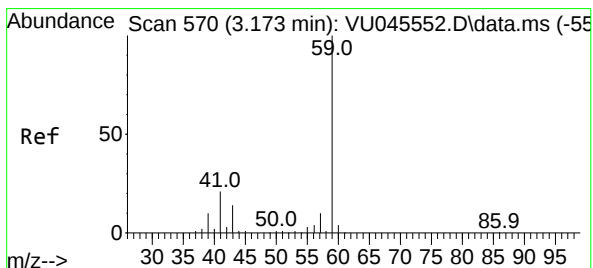
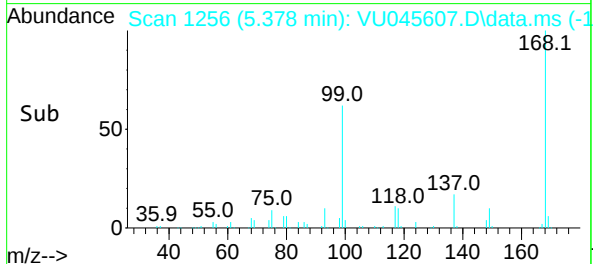
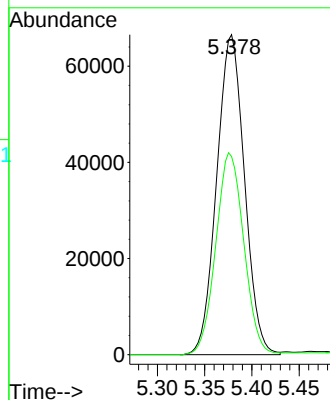
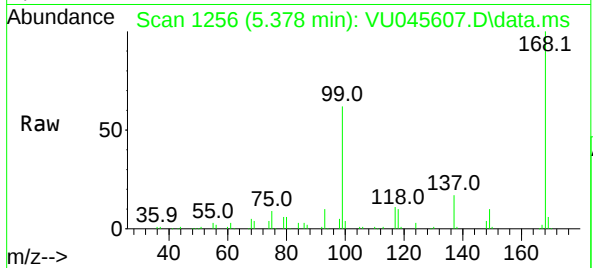




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

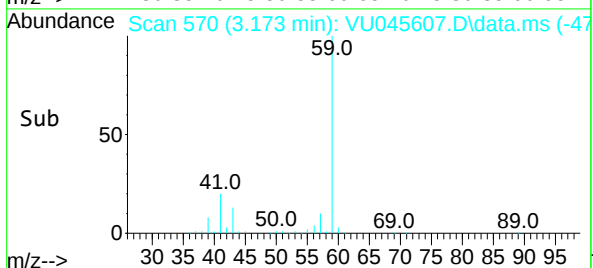
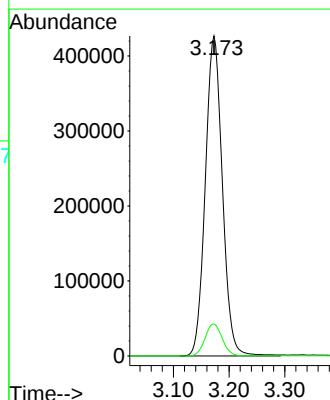
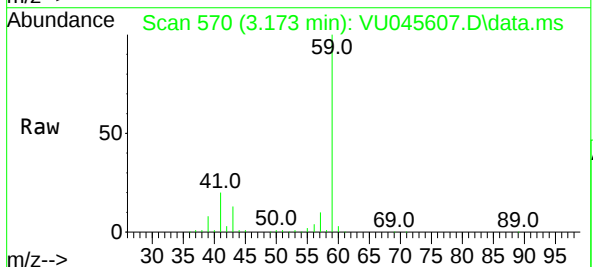
Instrument :
MSVOA_U
ClientSampleId :
2229

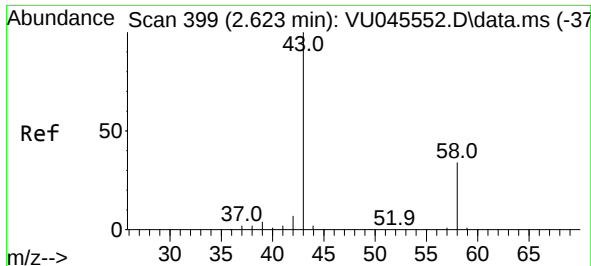
Tgt Ion:168 Resp: 136175
Ion Ratio Lower Upper
168 100
99 62.0 51.0 76.6



#11
Tert butyl alcohol
Concen: 2251.243 ug/l
RT: 3.173 min Scan# 570
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 59 Resp: 908733
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

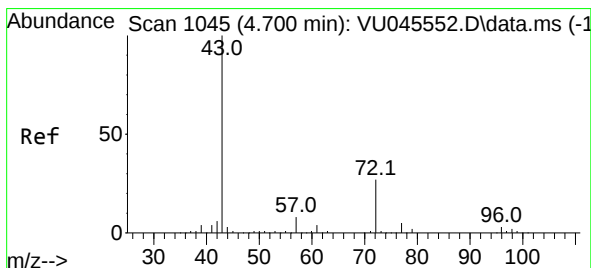
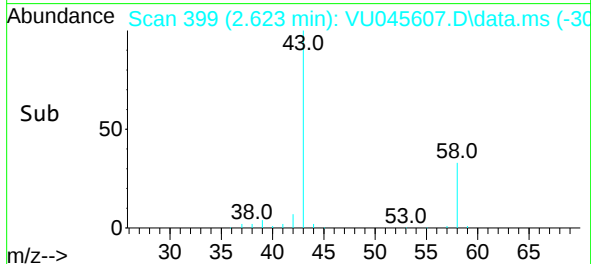
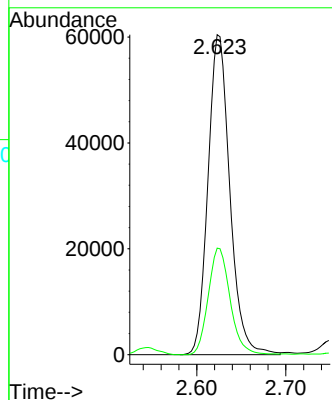
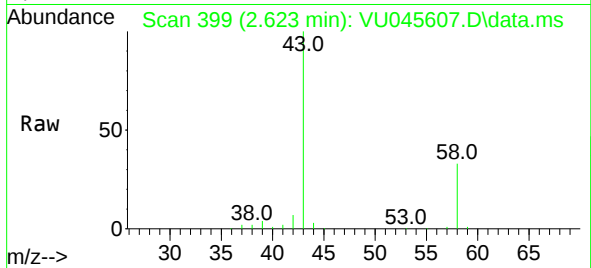




#16
Acetone
Concen: 99.111 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

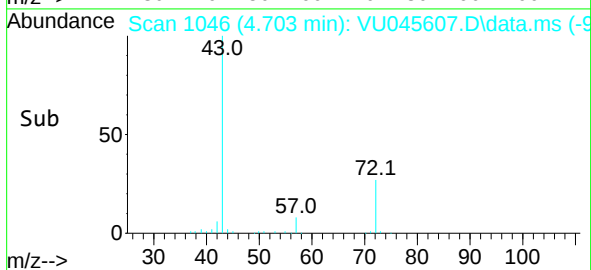
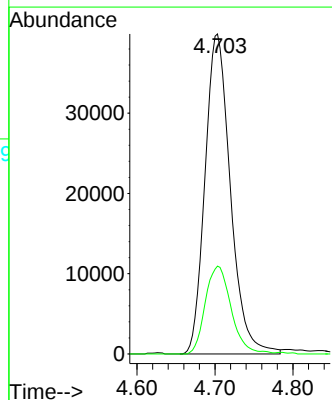
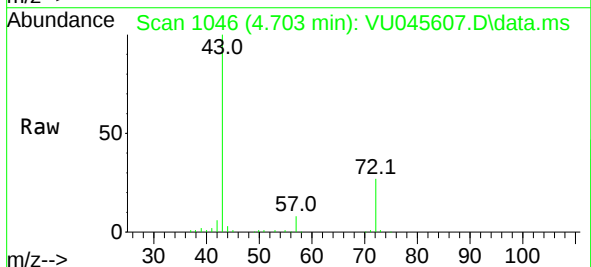
Instrument :
MSVOA_U
ClientSampleId :
2229

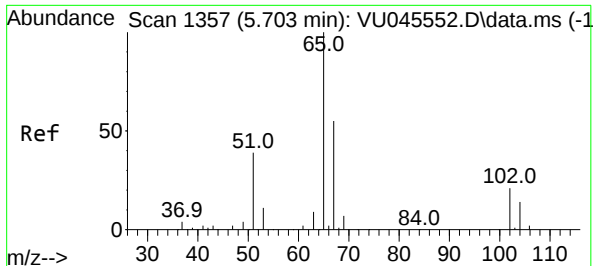
Tgt Ion: 43 Resp: 102891
Ion Ratio Lower Upper
43 100
58 33.3 26.2 39.2



#25
2-Butanone
Concen: 62.776 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 43 Resp: 90389
Ion Ratio Lower Upper
43 100
72 27.5 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 55.254 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045607.D

Acq: 08 Nov 2021 12:05

Instrument :

MSVOA_U

ClientSampleId :

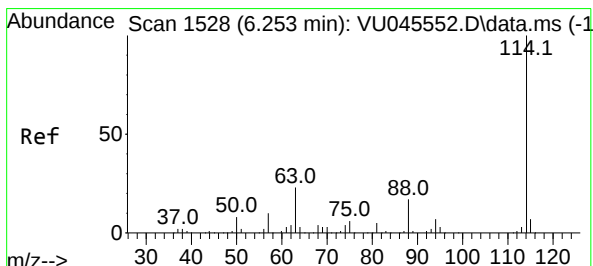
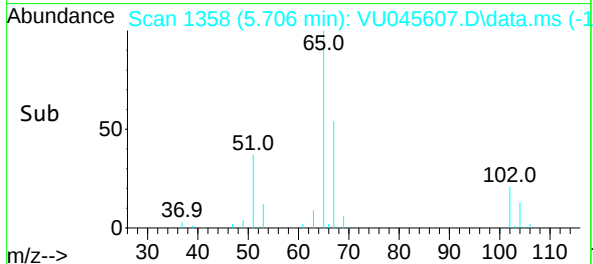
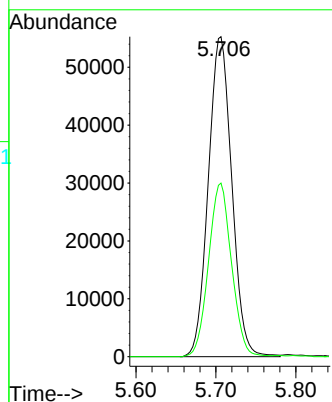
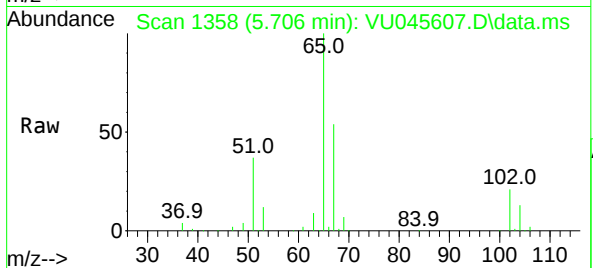
2229

Tgt Ion: 65 Resp: 112684

Ion Ratio Lower Upper

65 100

67 53.2 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: VU045607.D

Acq: 08 Nov 2021 12:05

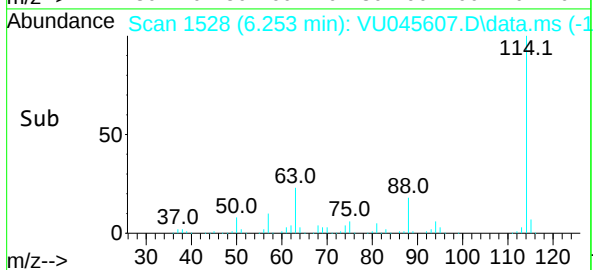
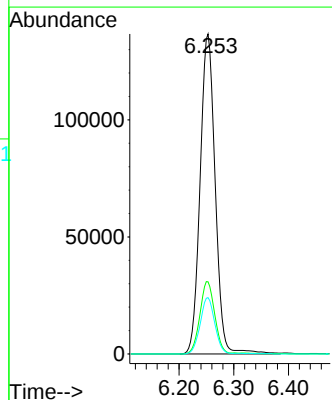
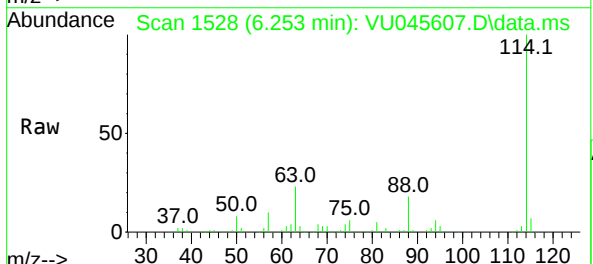
Tgt Ion: 114 Resp: 261901

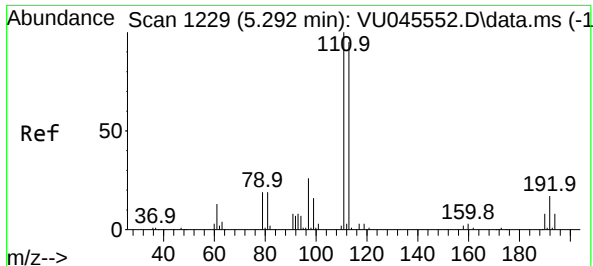
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

88 17.6 0.0 33.8

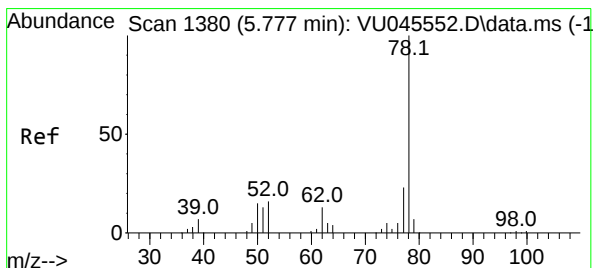
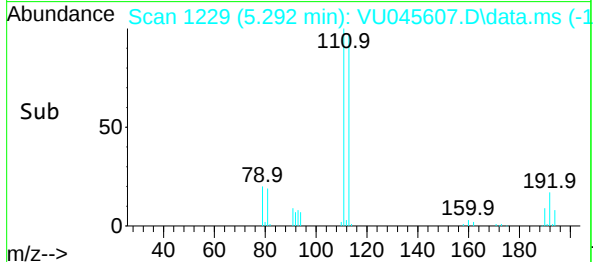
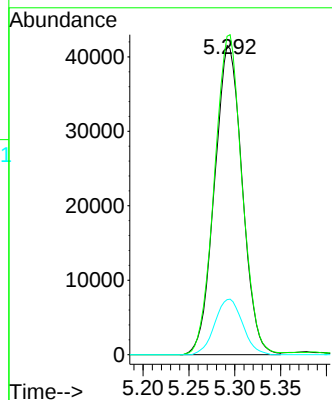
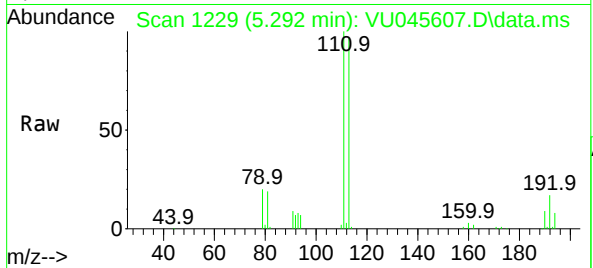




#35
Dibromofluoromethane
Concen: 49.943 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

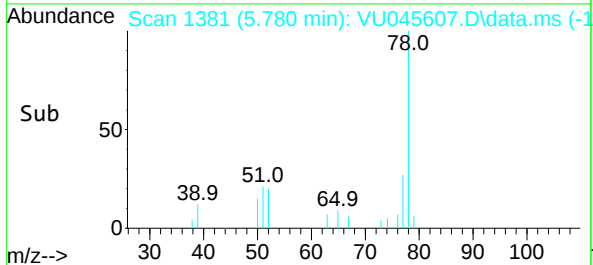
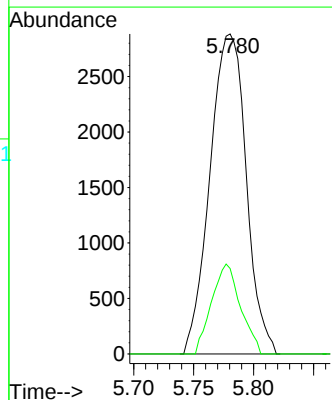
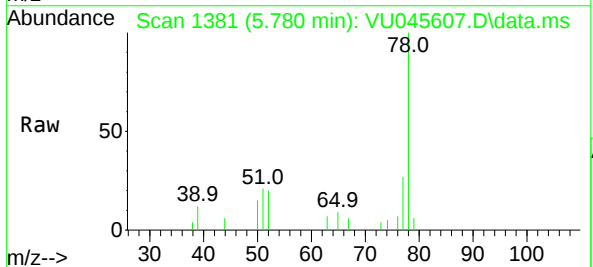
Instrument :
MSVOA_U
ClientSampleId :
2229

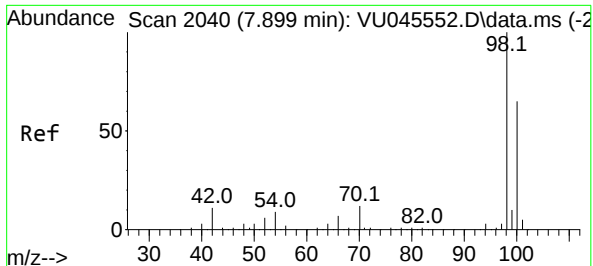
Tgt Ion:113 Resp: 87329
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.0 14.8 22.2



#40
Benzene
Concen: 0.802 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 78 Resp: 6060
Ion Ratio Lower Upper
78 100
77 26.7 19.0 28.4

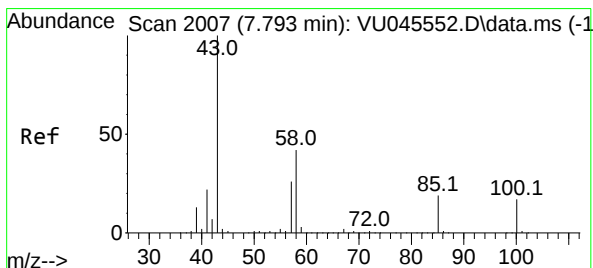
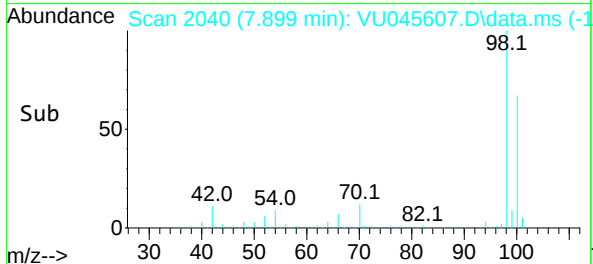
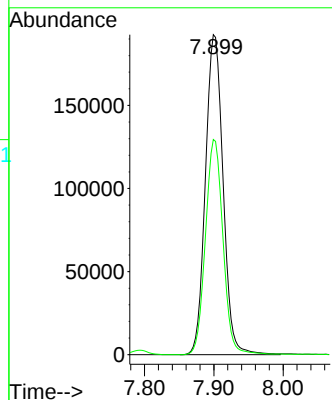
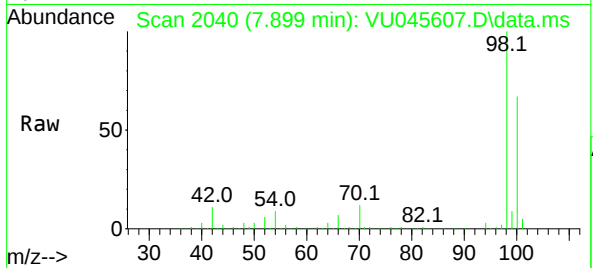




#50
Toluene-d8
Concen: 52.403 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

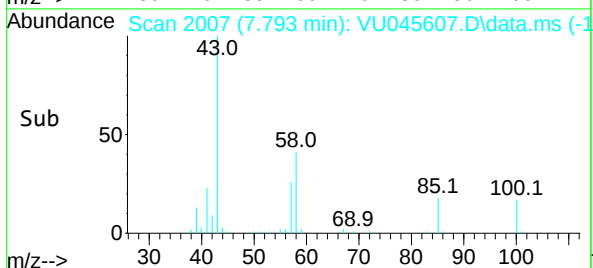
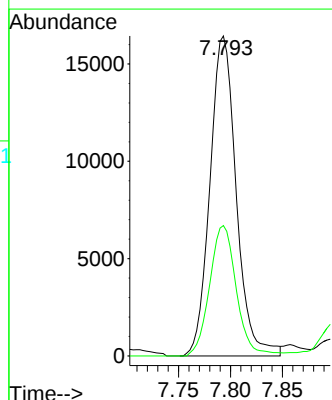
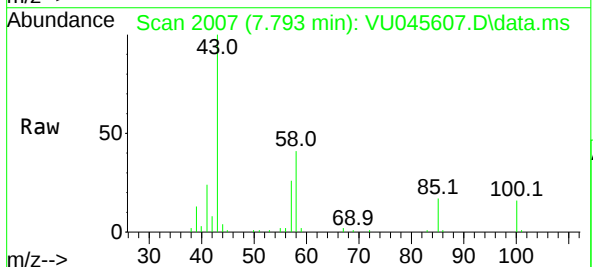
Instrument :
MSVOA_U
ClientSampleId :
2229

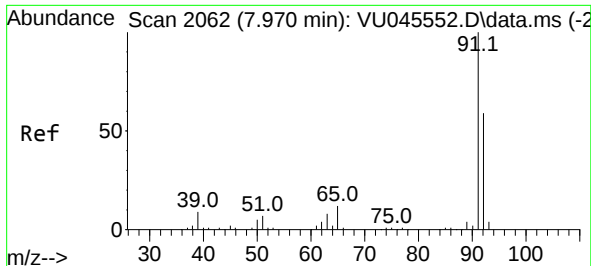
Tgt Ion: 98 Resp: 340730
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 9.794 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 43 Resp: 28989
Ion Ratio Lower Upper
43 100
58 41.4 33.8 50.8





#52

Toluene

Concen: 7.542 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU045607.D

Acq: 08 Nov 2021 12:05

Instrument :

MSVOA_U

ClientSampleId :

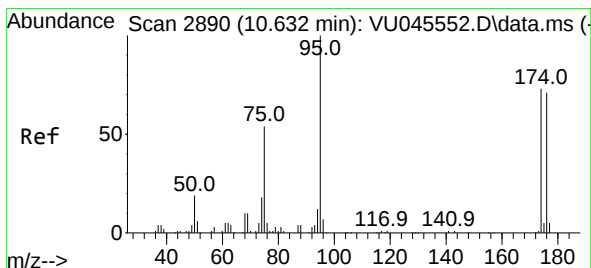
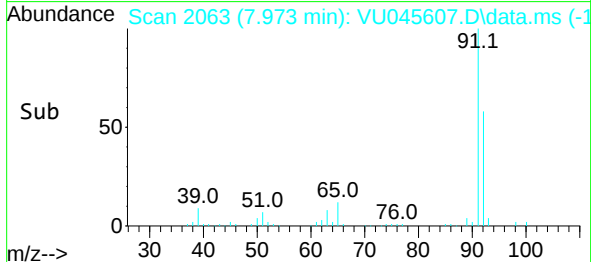
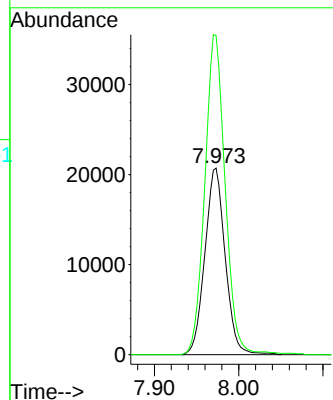
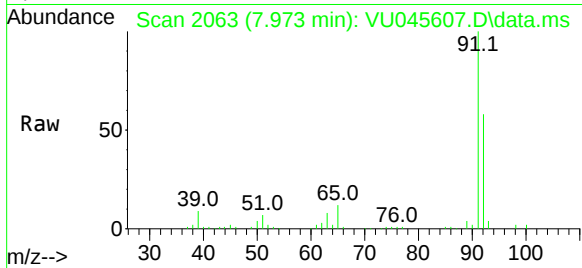
2229

Tgt Ion: 92 Resp: 34911

Ion Ratio Lower Upper

92 100

91 171.4 135.6 203.4



#62

4-Bromofluorobenzene

Concen: 49.956 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045607.D

Acq: 08 Nov 2021 12:05

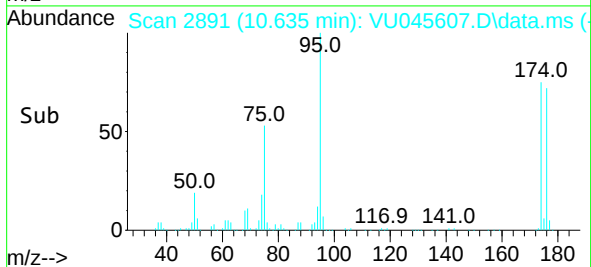
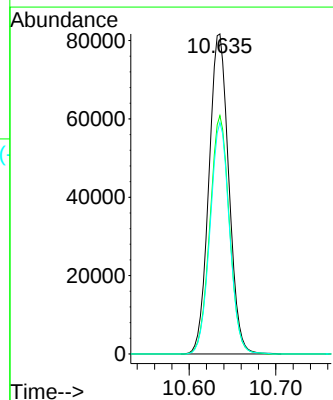
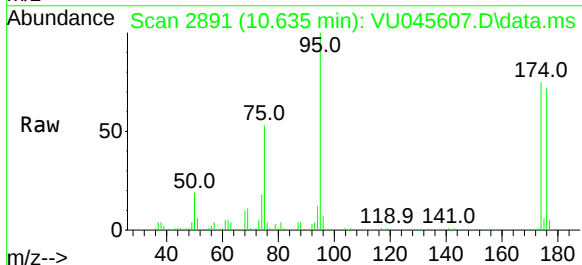
Tgt Ion: 95 Resp: 130250

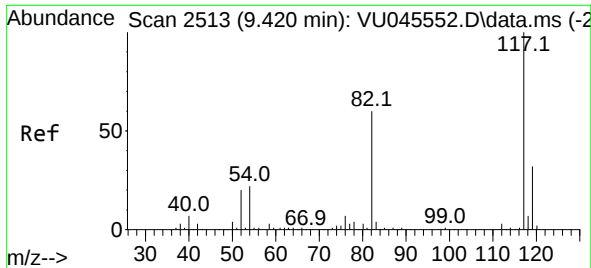
Ion Ratio Lower Upper

95 100

174 73.1 0.0 141.8

176 70.6 0.0 138.2

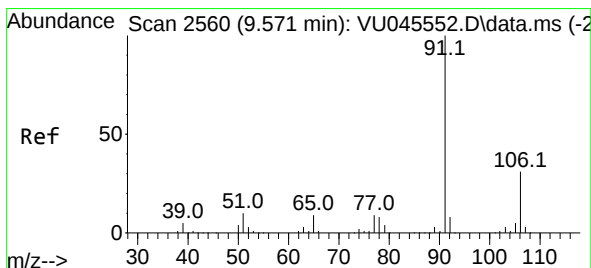
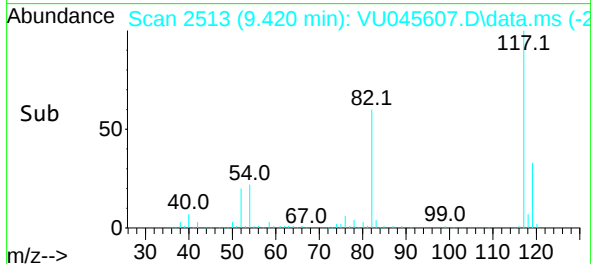
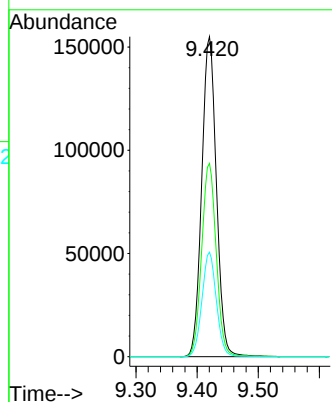
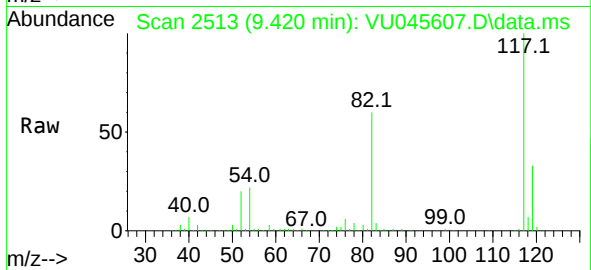




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

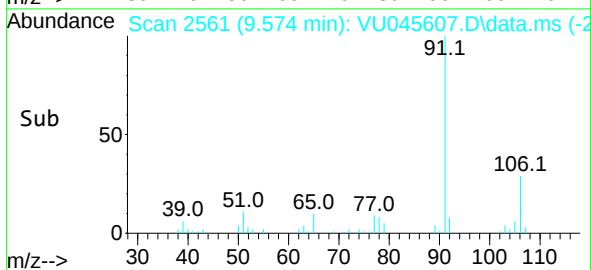
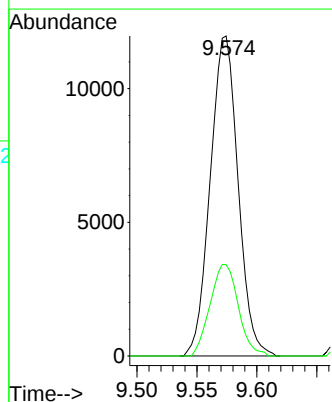
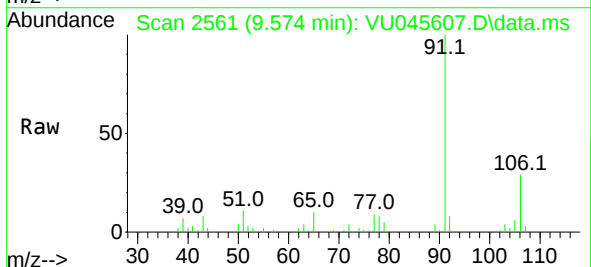
Instrument :
MSVOA_U
ClientSampleId :
2229

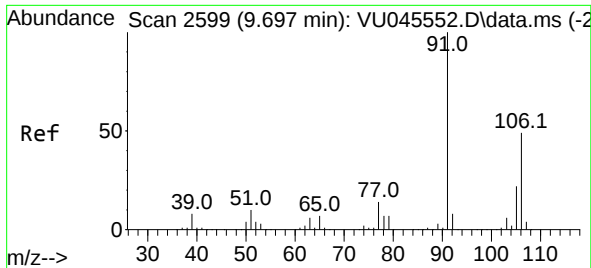
Tgt Ion:117 Resp: 258159
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 32.6 25.8 38.8



#67
Ethyl Benzene
Concen: 2.123 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 91 Resp: 19282
Ion Ratio Lower Upper
91 100
106 28.6 24.6 36.8

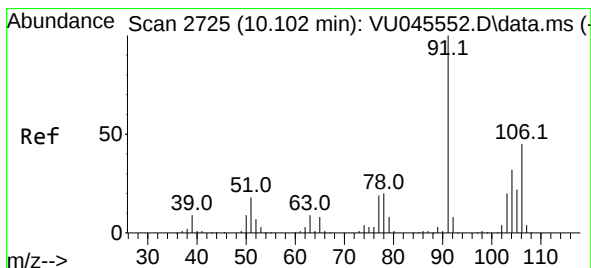
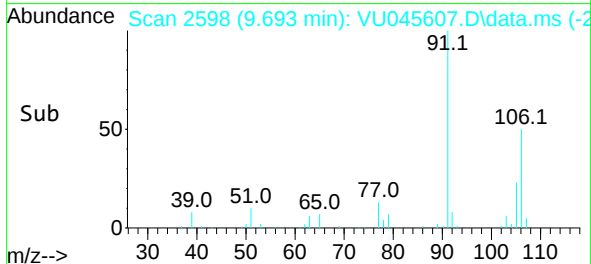
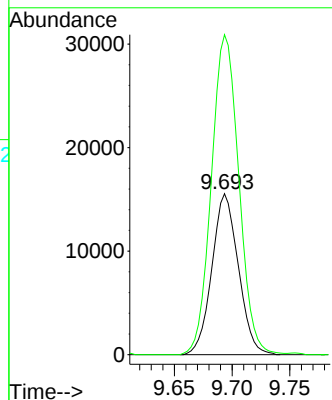
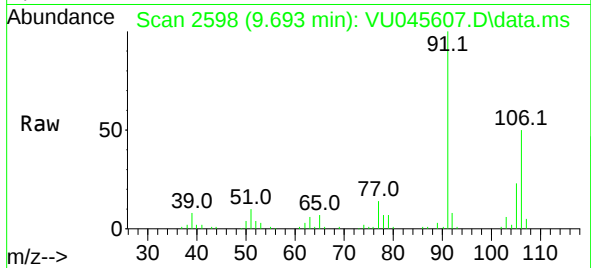




#68
m/p-Xylenes
Concen: 7.224 ug/l
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

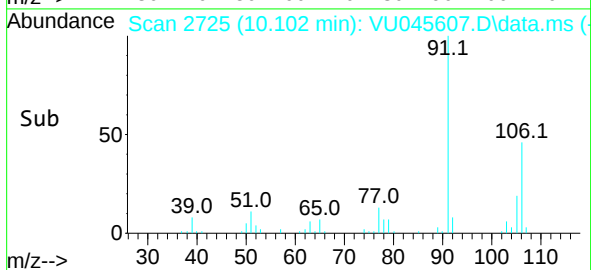
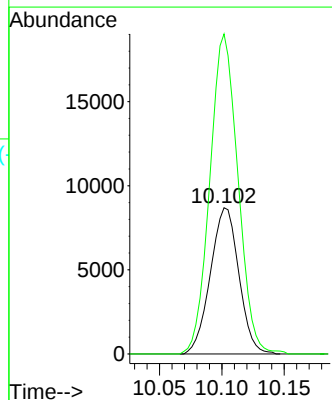
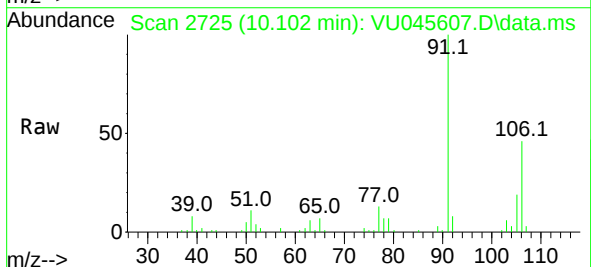
Instrument :
MSVOA_U
ClientSampleId :
2229

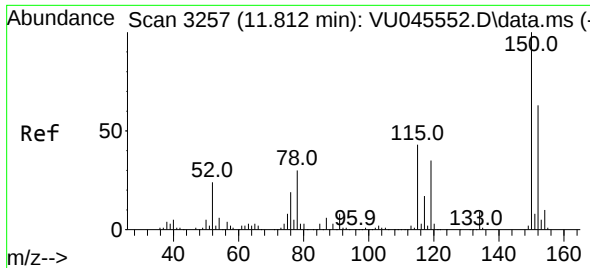
Tgt Ion:106 Resp: 24742
Ion Ratio Lower Upper
106 100
91 206.2 164.7 247.1



#69
o-Xylene
Concen: 4.149 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion:106 Resp: 13815
Ion Ratio Lower Upper
106 100
91 216.2 108.7 326.3

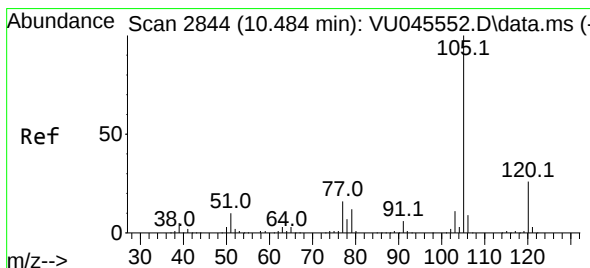
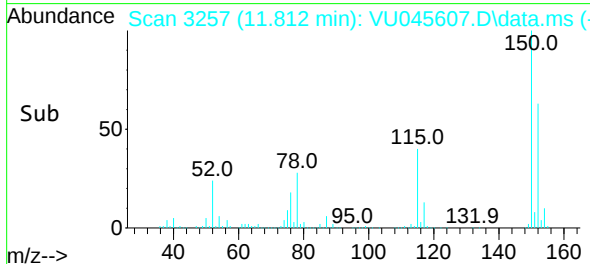
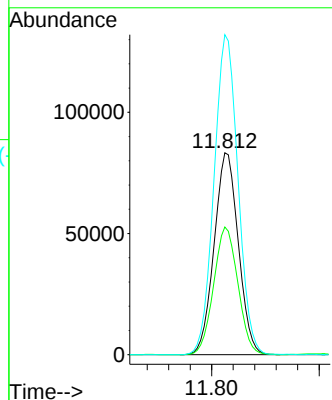
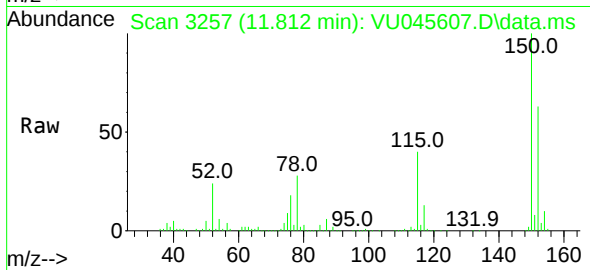




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

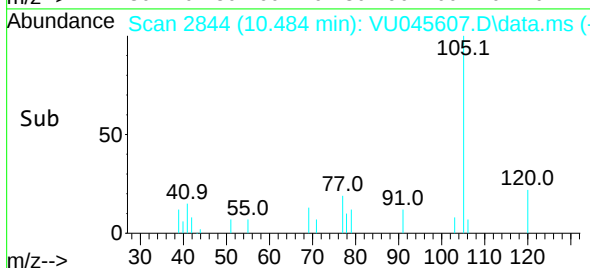
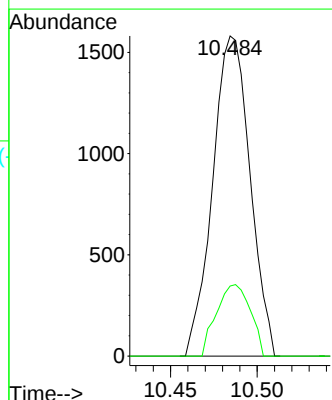
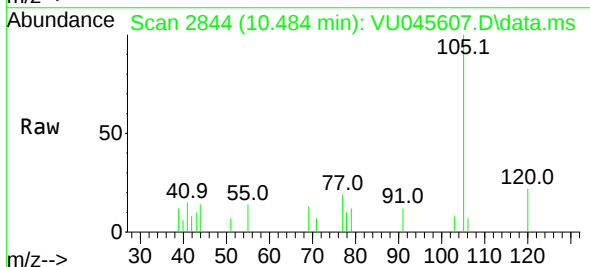
Instrument :
MSVOA_U
ClientSampleId :
2229

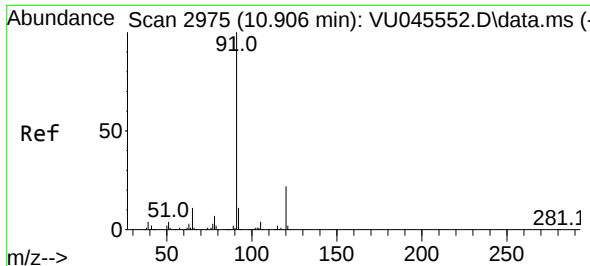
Tgt Ion:152 Resp: 130216
Ion Ratio Lower Upper
152 100
115 63.3 42.7 128.1
150 156.9 0.0 346.8



#73
Isopropylbenzene
Concen: 0.279 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion:105 Resp: 2371
Ion Ratio Lower Upper
105 100
120 20.2 12.9 38.6

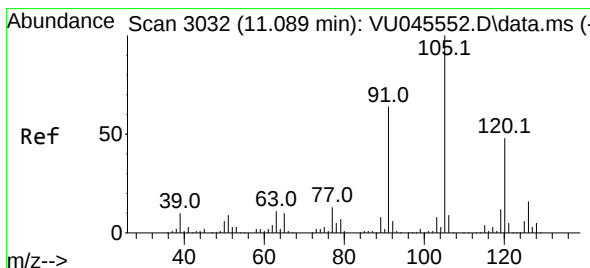
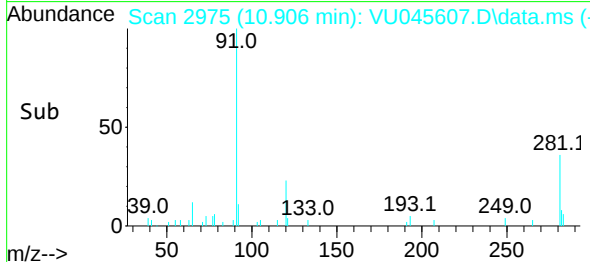
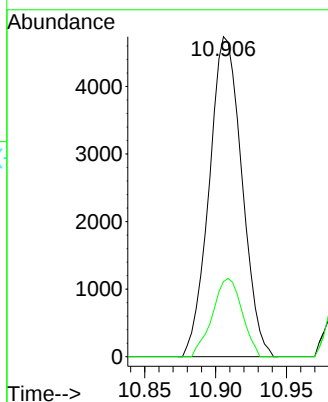
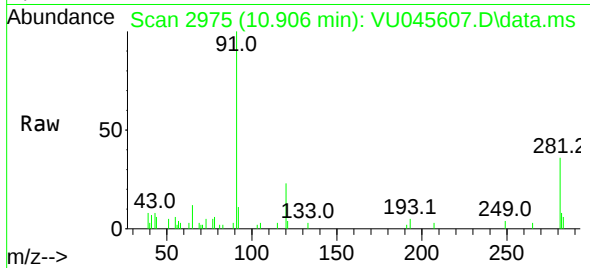




#78
n-propylbenzene
Concen: 0.717 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

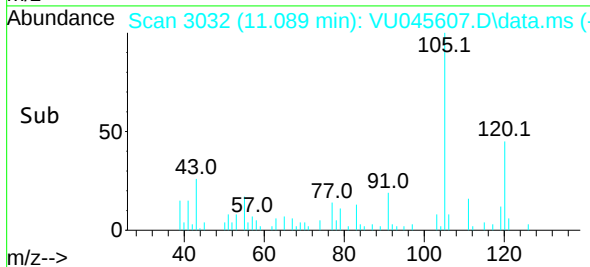
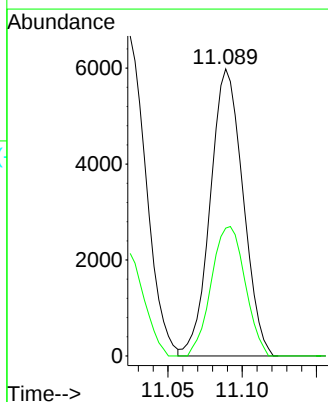
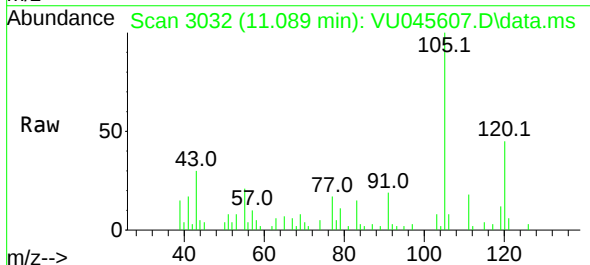
Instrument :
MSVOA_U
ClientSampleId :
2229

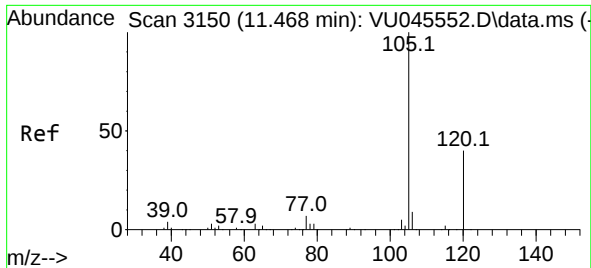
Tgt Ion: 91 Resp: 7590
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7



#80
1,3,5-Trimethylbenzene
Concen: 1.234 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 105 Resp: 9170
Ion Ratio Lower Upper
105 100
120 46.5 23.9 71.8

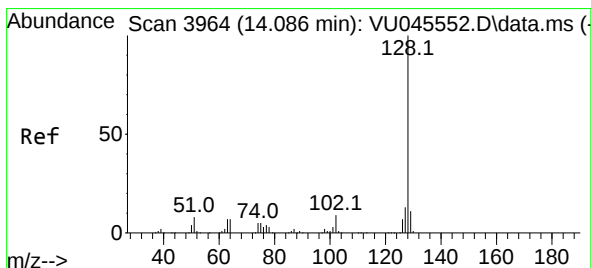
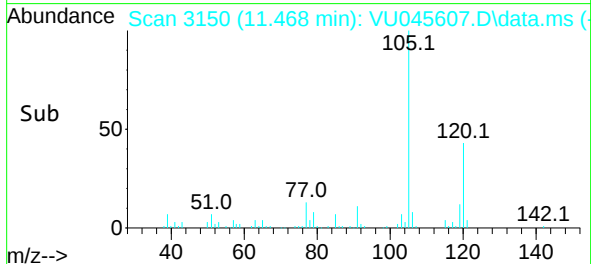
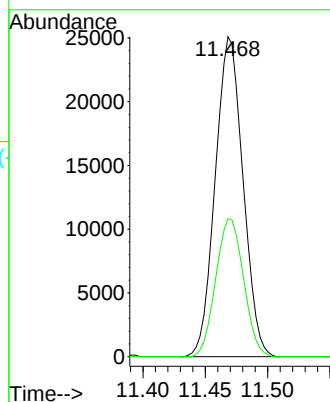
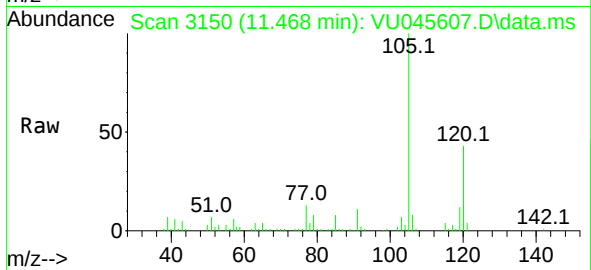




#84
1,2,4-Trimethylbenzene
Concen: 5.265 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Instrument : MSVOA_U
ClientSampleId : 2229

Tgt Ion:105 Resp: 38898
Ion Ratio Lower Upper
105 100
120 43.2 22.2 66.6



#95
Naphthalene
Concen: 3.715 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion:128 Resp: 28904
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 12.1 8.6 13.0

