

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
13) Acrolein	2.488	56	41	0.701	ug/l #	14
14) Allyl chloride	3.173	41	185351	69.288	ug/l #	62
15) Acrylonitrile	3.173	53	8532	7.917	ug/l #	19
16) Acetone	2.623	43	102891	99.111	ug/l	99
18) Methyl Acetate	2.752	43	5566	1.574	ug/l #	50
20) Methylene Chloride	3.047	84	578	0.320	ug/l	97
25) 2-Butanone	4.703	43	90389	62.776	ug/l	100
29) Tetrahydrofuran	5.063	42	391	0.444	ug/l #	47
31) Cyclohexane	5.375	56	3600	1.210	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	12001	4.699	ug/l #	49
37) Ethyl Acetate	4.703	43	90389	30.813	ug/l #	67
38) Carbon Tetrachloride	5.375	117	14741	5.726	ug/l #	16
39) Methylcyclohexane	6.767	83	1012	0.323	ug/l #	77
40) Benzene	5.780	78	6060	0.802	ug/l	94
41) Methacrylonitrile	4.976	41	3548	2.289	ug/l #	38
43) Isopropyl Acetate	5.967	43	943	0.210	ug/l #	59
48) Methyl methacrylate	7.166	41	340829	165.035	ug/l #	29
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
56) Ethyl methacrylate	8.221	69	53834	17.311	ug/l #	69
59) 2-Hexanone	8.687	43	5025	9.427	ug/l	91
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
74) N-amyl acetate	10.343	43	1198	0.312	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	67972	17.213	ug/l #	43
78) n-propylbenzene	10.906	91	7590	0.717	ug/l	99
79) 2-Chlorotoluene	11.092	91	1940	0.310	ug/l	76
80) 1,3,5-Trimethylbenzene	11.089	105	9170	1.234	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.635	75	67972	56.006	ug/l #	12
82) 4-Chlorotoluene	11.092	91	1940	0.264	ug/l	82
84) 1,2,4-Trimethylbenzene	11.468	105	38898	5.265	ug/l	98
85) sec-Butylbenzene	11.648	105	2461	0.262	ug/l	98
86) p-Isopropyltoluene	11.748	119	1805	0.230	ug/l	85

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ClientSampleId :
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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

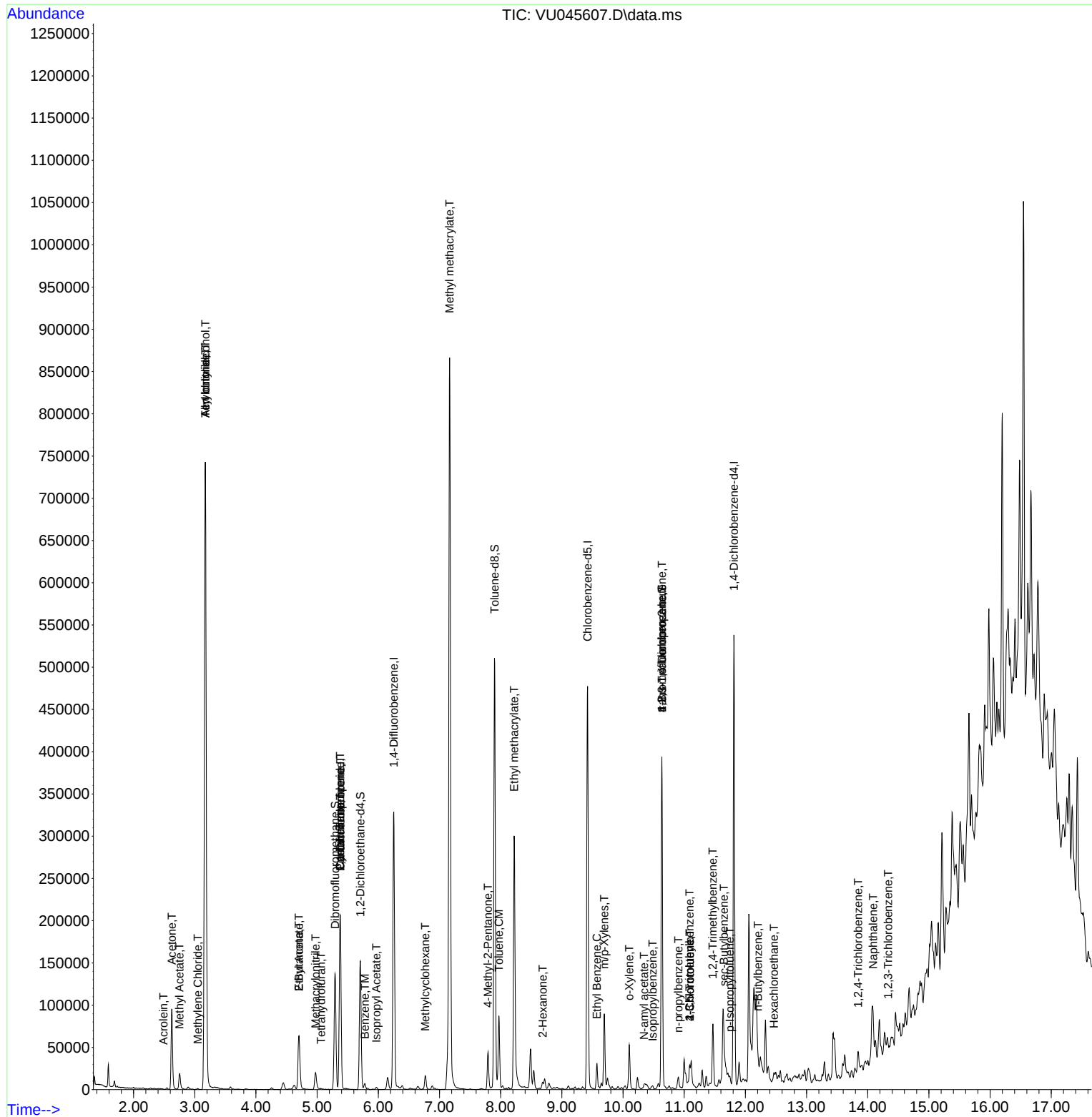
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.208	91	5841	0.772	ug/l #	62
90) Hexachloroethane	12.468	117	652	0.460	ug/l #	16
93) 1,2,4-Trichlorobenzene	13.841	180	3079	1.098	ug/l #	90
95) Naphthalene	14.089	128	28904	3.715	ug/l	98
96) 1,2,3-Trichlorobenzene	14.333	180	1567	0.563	ug/l #	61

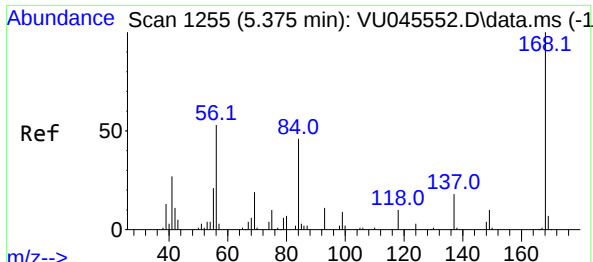
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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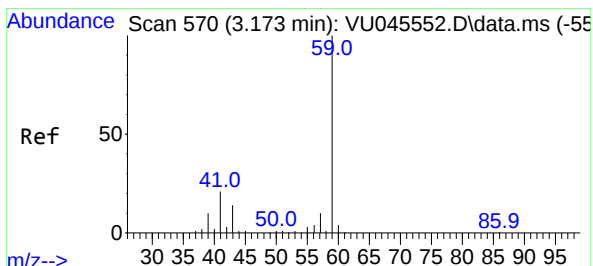
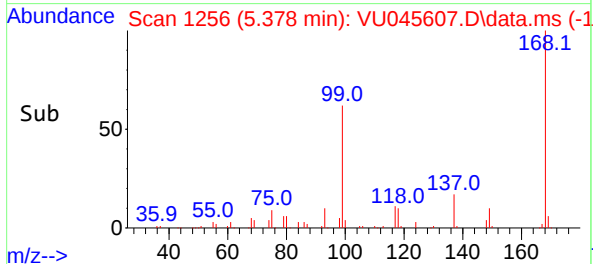
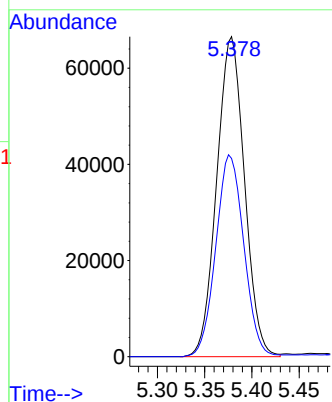
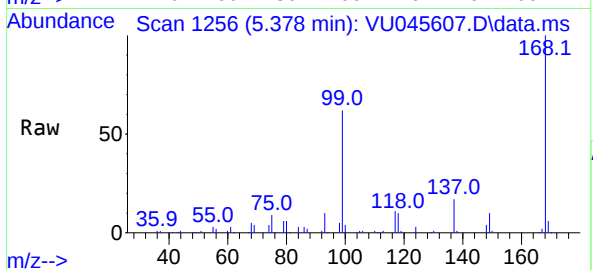




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

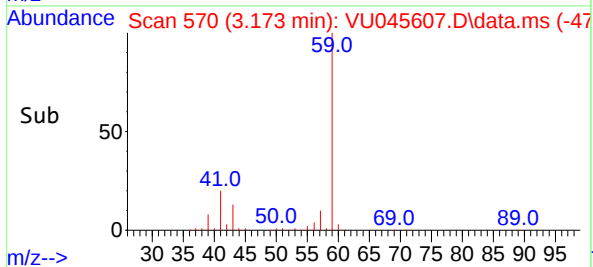
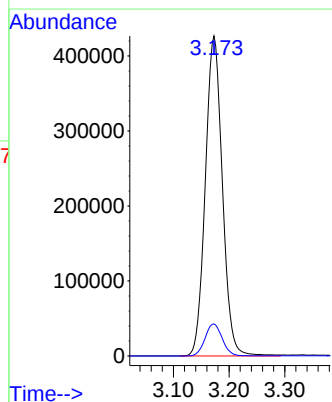
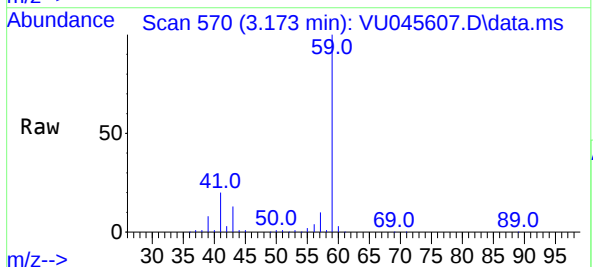
Instrument :
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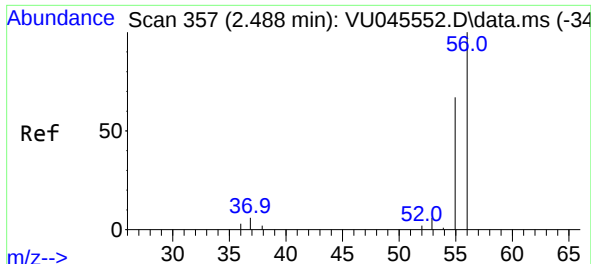
Tgt Ion:168 Resp: 136175
Ion Ratio Lower Upper
168 100
99 62.0 51.0 76.6



#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

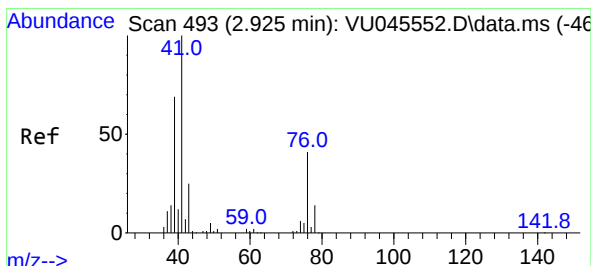
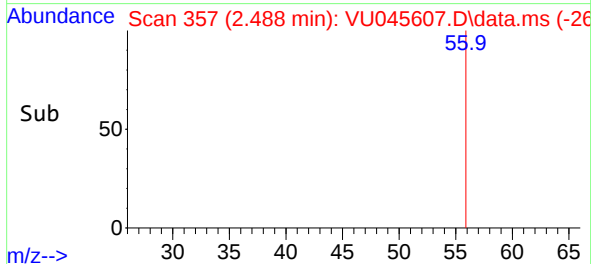
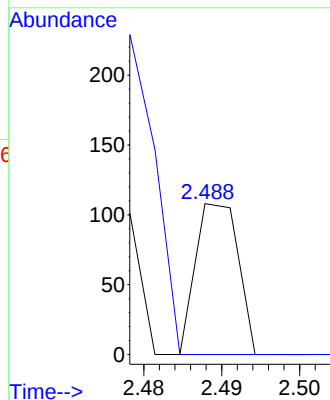
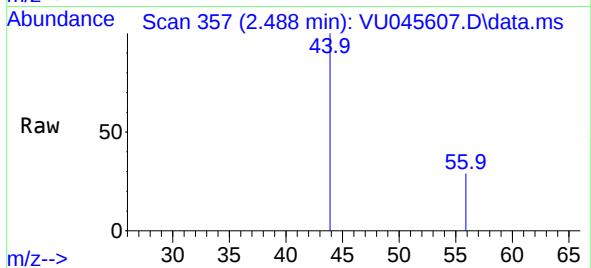




#13
Acrolein
Concen: 0.701 ug/l
RT: 2.488 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

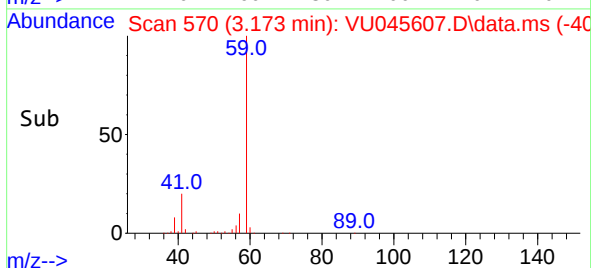
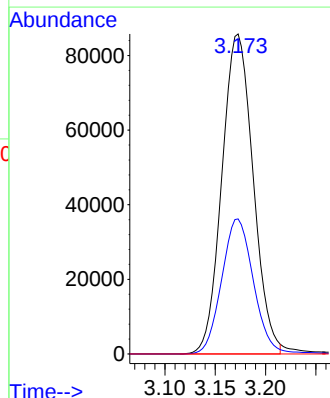
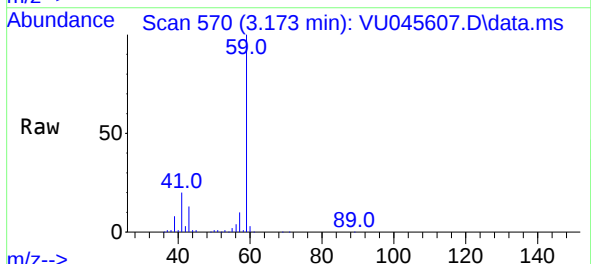
Instrument :
MSVOA_U
ClientSampleId :
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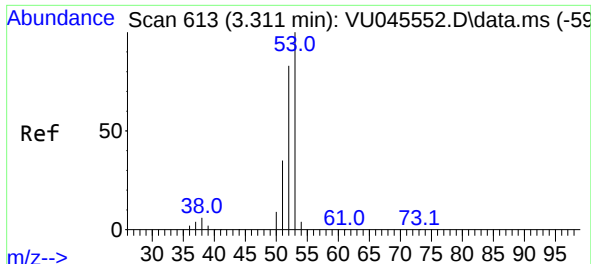
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#



#14
Allyl chloride
Concen: 69.288 ug/l
RT: 3.173 min Scan# 570
Delta R.T. 0.248 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 41 Resp: 185351
Ion Ratio Lower Upper
41 100
39 42.4 49.7 74.5#
76 0.0 27.7 41.5#

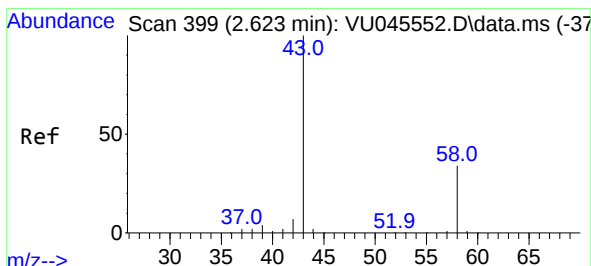
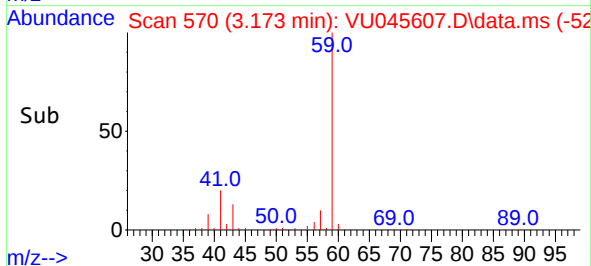
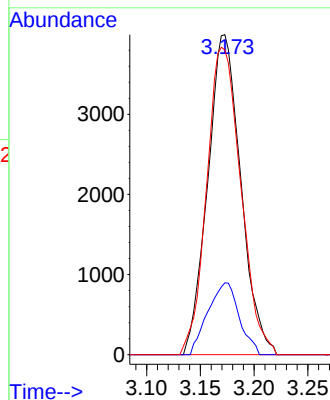
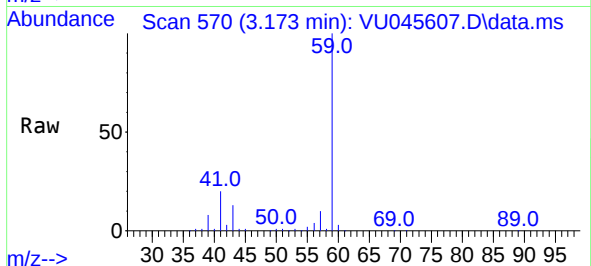




#15
Acrylonitrile
Concen: 7.917 ug/l
RT: 3.173 min Scan# 51
Delta R.T. -0.138 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

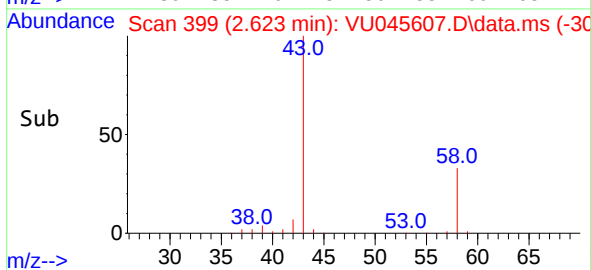
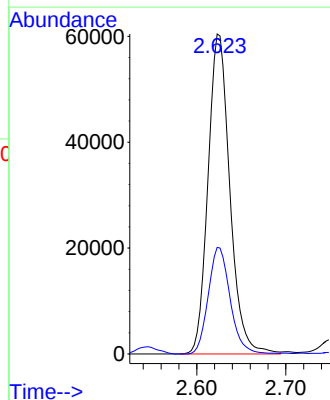
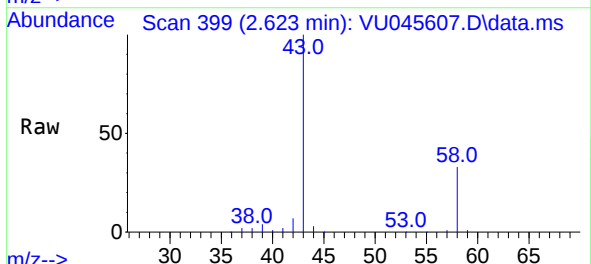
Instrument :
MSVOA_U
ClientSampleId :
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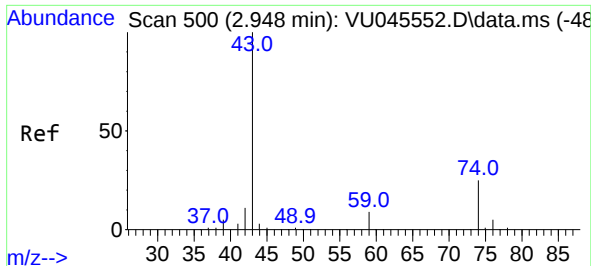
Tgt Ion: 53 Resp: 8532
Ion Ratio Lower Upper
53 100
52 21.2 66.6 100.0#
51 99.1 28.4 42.6#



#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

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

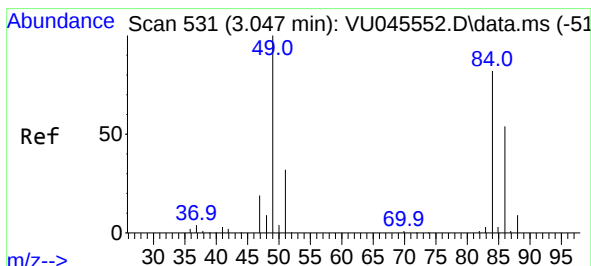
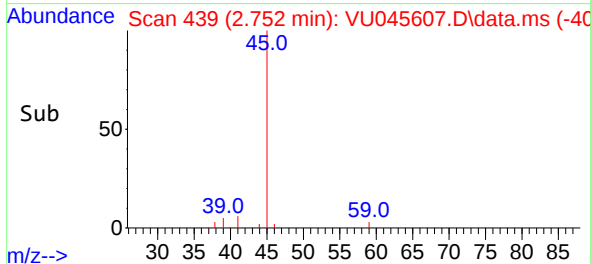
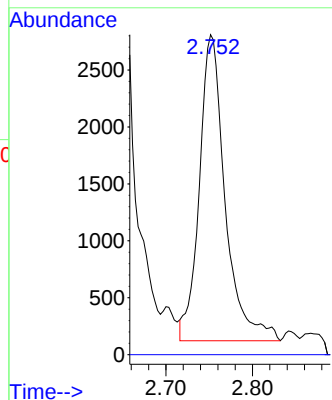
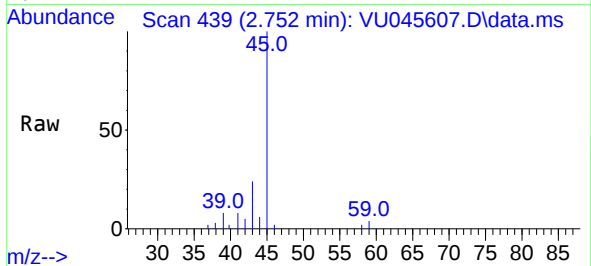




#18
Methyl Acetate
Concen: 1.574 ug/l
RT: 2.752 min Scan# 41
Delta R.T. -0.196 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

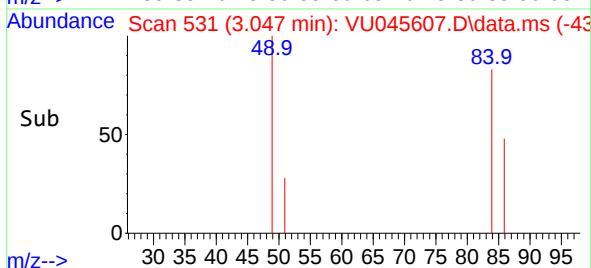
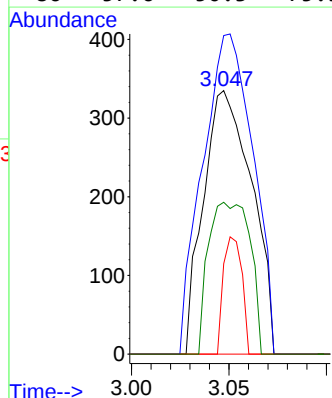
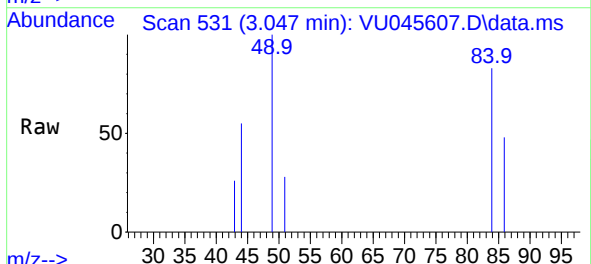
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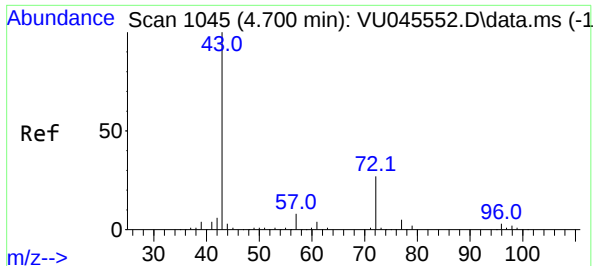
Tgt Ion: 43 Resp: 5566
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 84 Resp: 578
Ion Ratio Lower Upper
84 100
49 120.9 96.4 144.6
51 34.3 30.5 45.7
86 57.6 50.3 75.5

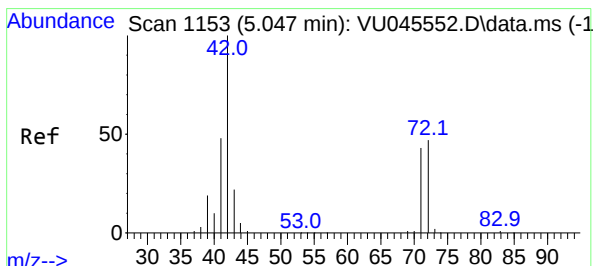
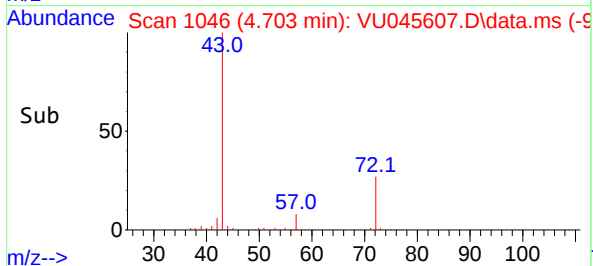
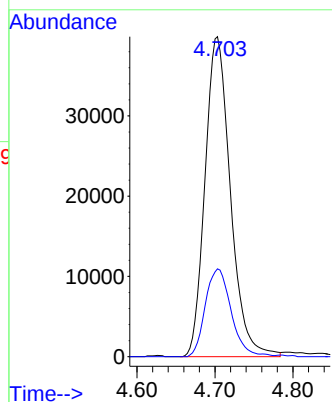
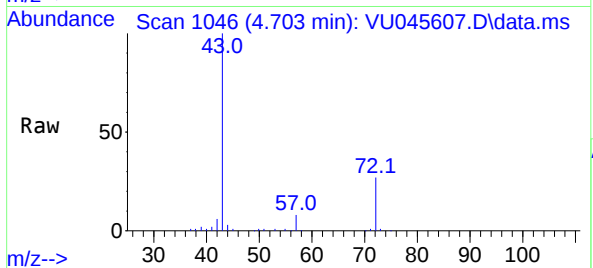




#25
2-Butanone
Concen: 62.776 ug/l
RT: 4.703 min Scan# 110
Delta R.T. 0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

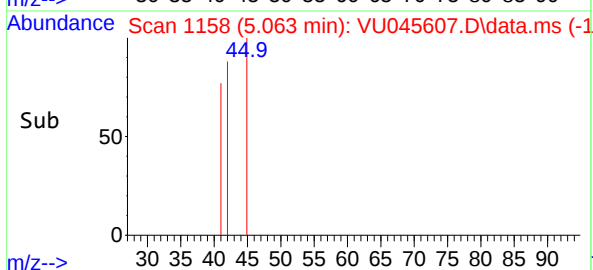
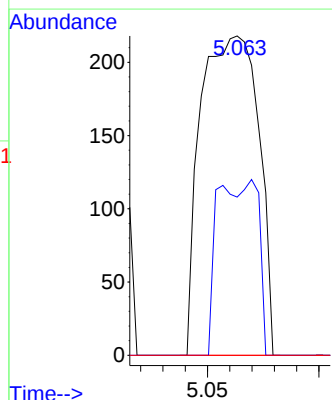
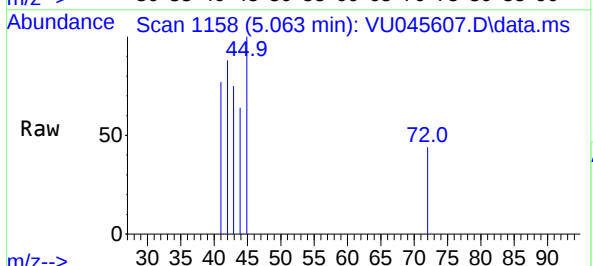
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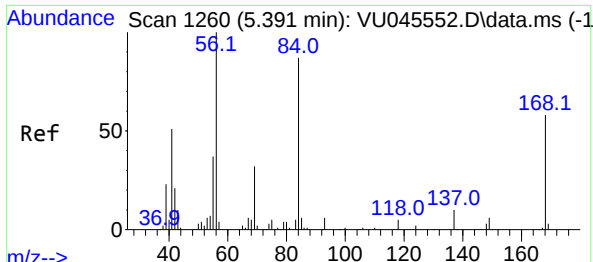
Tgt Ion: 43 Resp: 90389
Ion Ratio Lower Upper
43 100
72 27.5 22.0 33.0



#29
Tetrahydrofuran
Concen: 0.444 ug/l
RT: 5.063 min Scan# 1158
Delta R.T. 0.016 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 42 Resp: 391
Ion Ratio Lower Upper
42 100
72 22.0 38.2 57.4#
71 0.0 35.4 53.2#

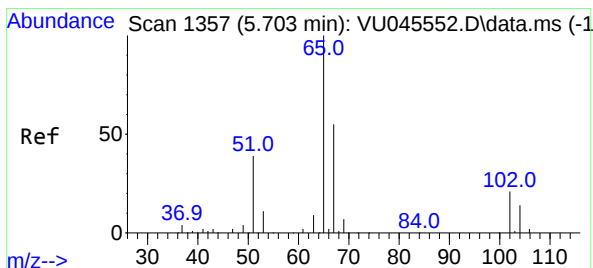
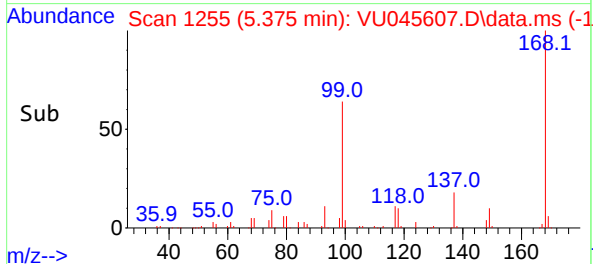
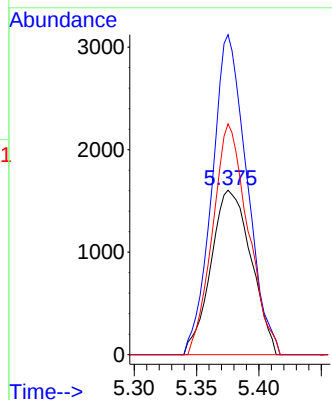
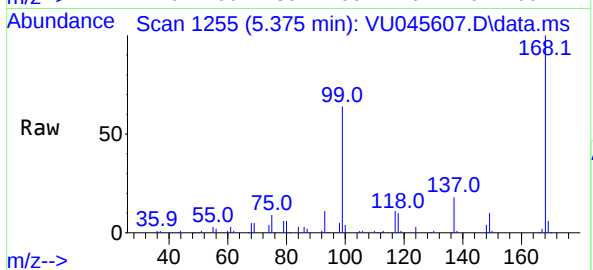




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

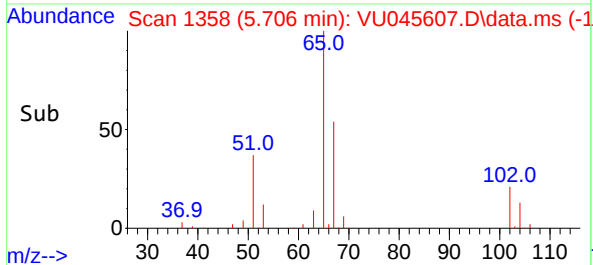
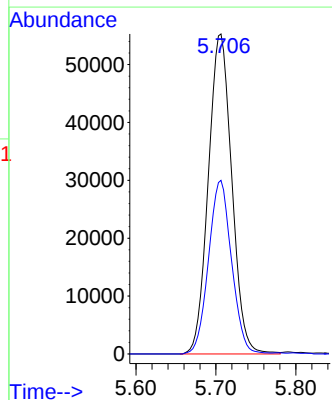
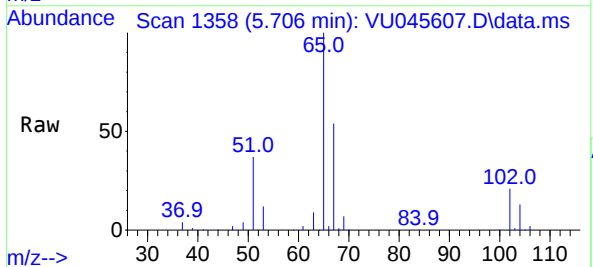
Instrument :
MSVOA_U
ClientSampleId :
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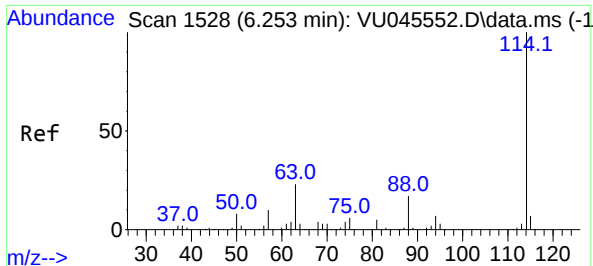
Tgt Ion: 56 Resp: 3600
Ion Ratio Lower Upper
56 100
69 194.5 26.4 39.6#
84 140.4 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 55.254 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 65 Resp: 112684
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8

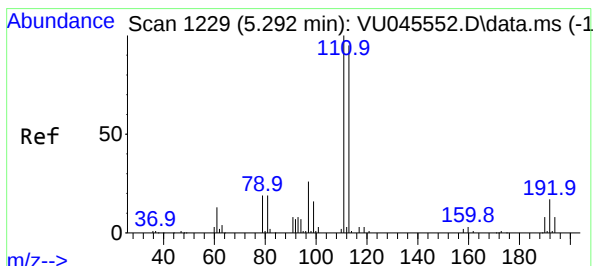
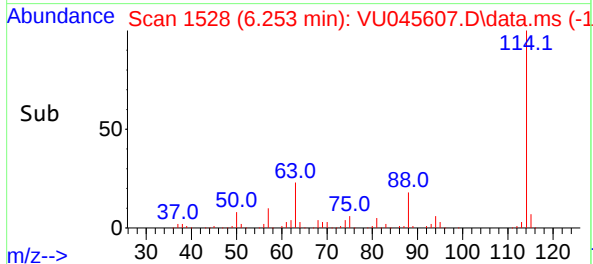
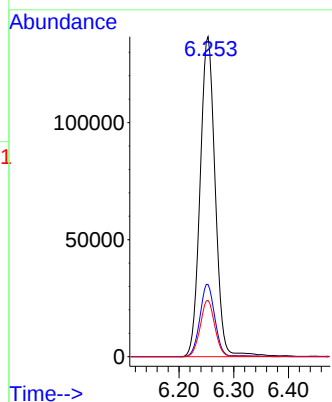
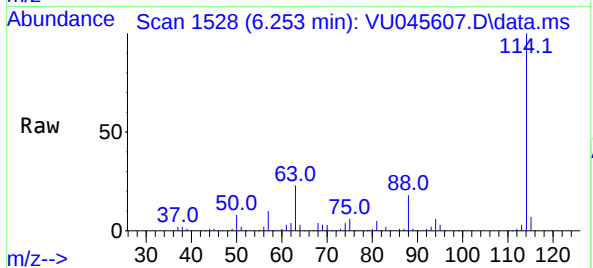




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

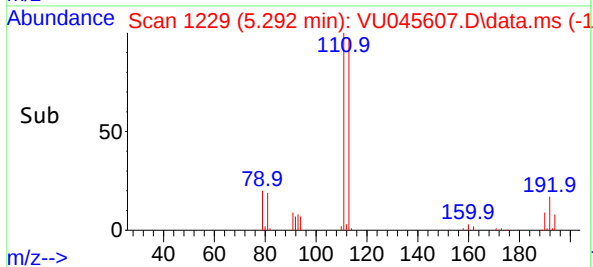
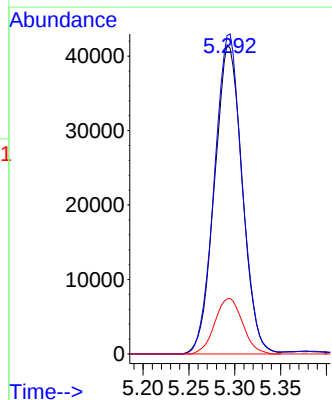
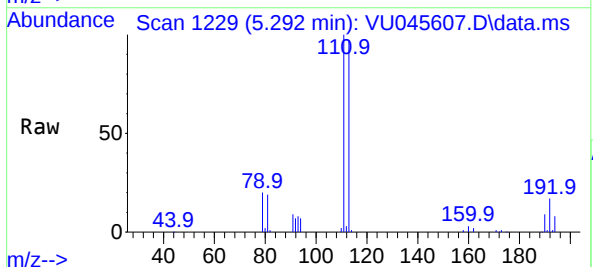
Instrument :
MSVOA_U
ClientSampleId :
2229

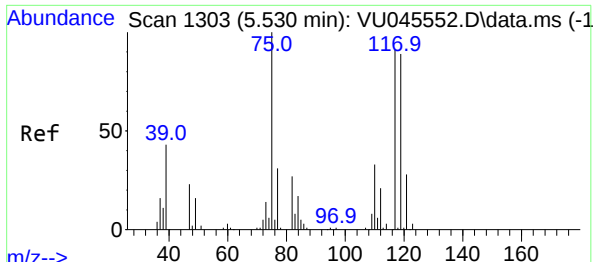
Tgt Ion:114 Resp: 261901
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.6
88 17.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.943 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

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

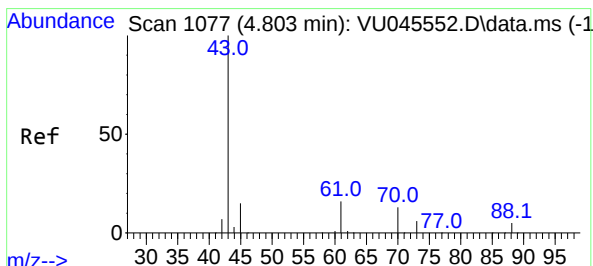
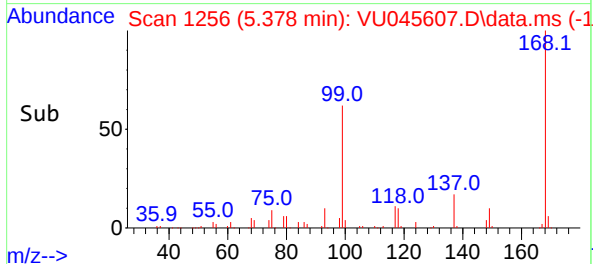
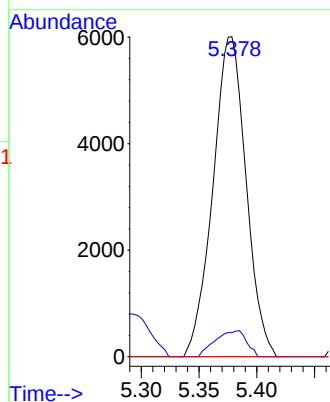
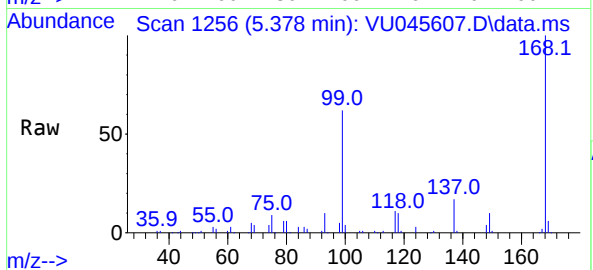




#36
1,1-Dichloropropene
Concen: 4.699 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

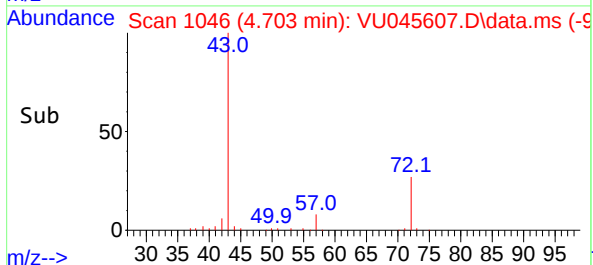
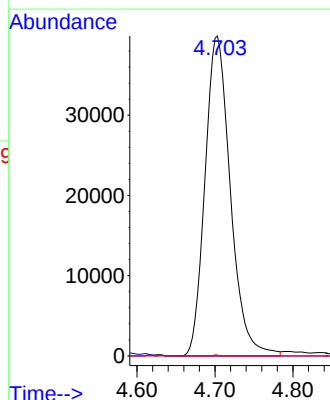
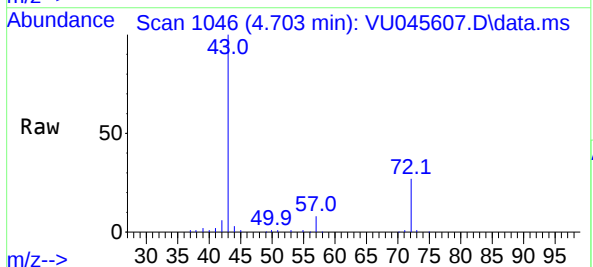
Instrument :
MSVOA_U
ClientSampleId :
2229

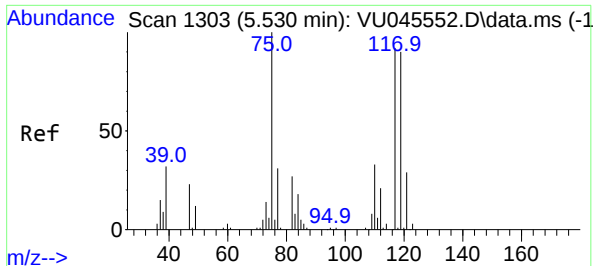
Tgt Ion: 75 Resp: 12001
Ion Ratio Lower Upper
75 100
110 7.7 16.7 50.0#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 30.813 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.100 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

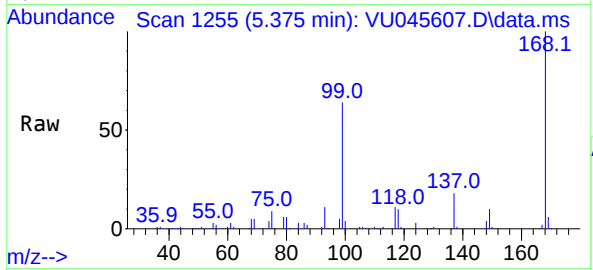
Tgt Ion: 43 Resp: 90389
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.1 9.1 13.7#



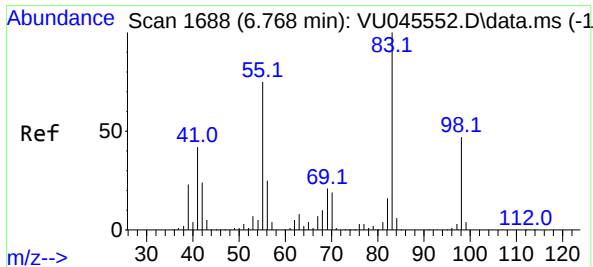
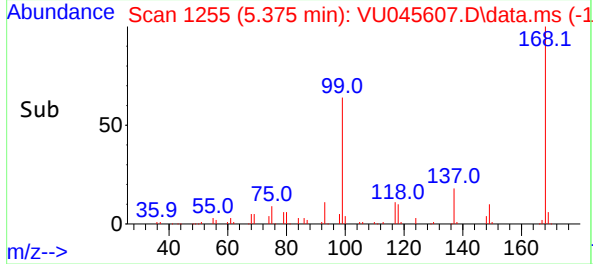
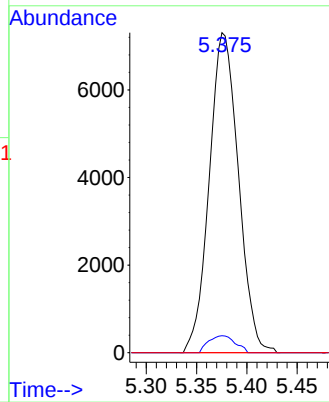


#38
Carbon Tetrachloride
Concen: 5.726 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Instrument :
MSVOA_U
ClientSampleId :
2229

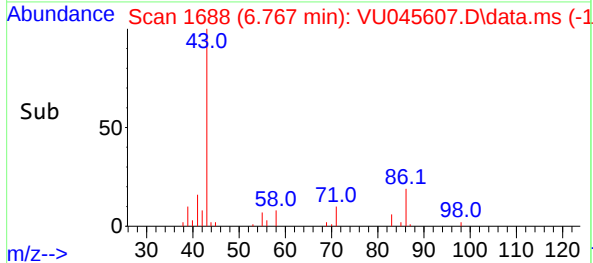
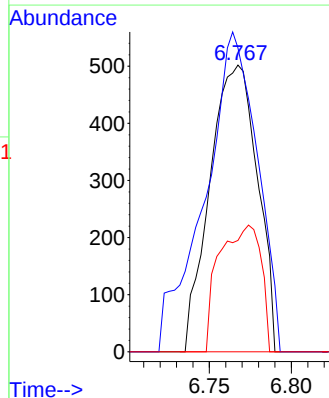
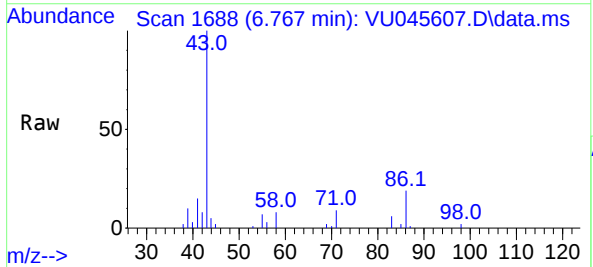


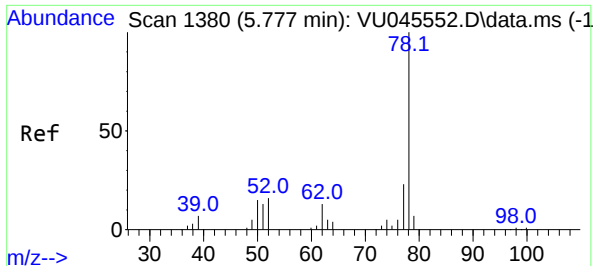
Tgt Ion:117 Resp: 14741
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.0#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.323 ug/l
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 83 Resp: 1012
Ion Ratio Lower Upper
83 100
55 106.0 63.6 95.4#
98 38.8 37.1 55.7

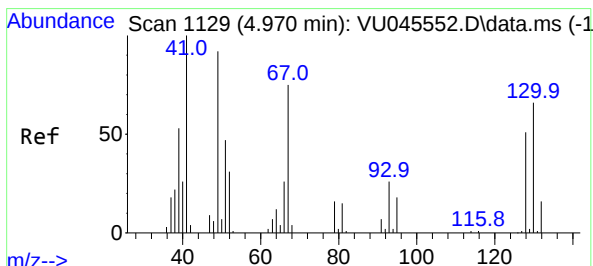
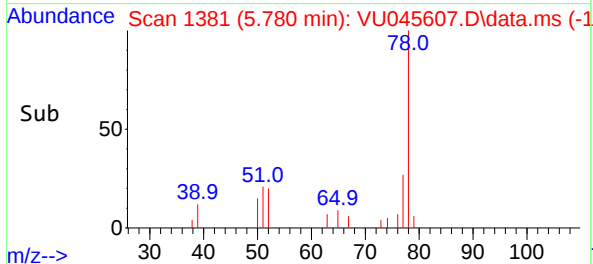
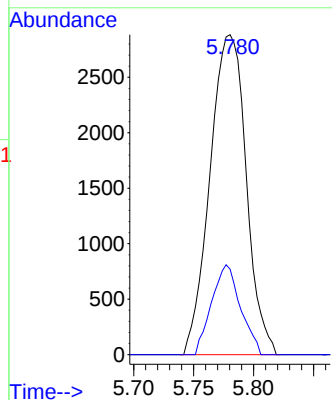
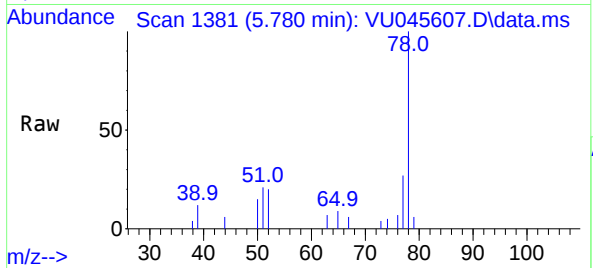




#40
Benzene
Concen: 0.802 ug/l
RT: 5.780 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

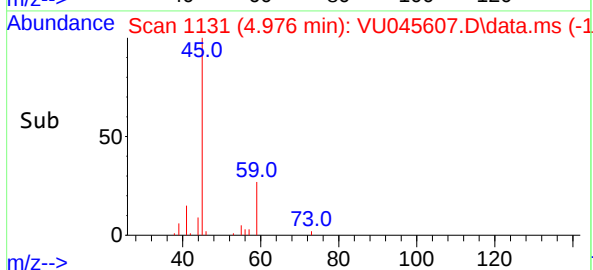
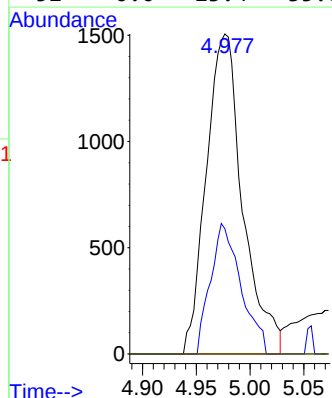
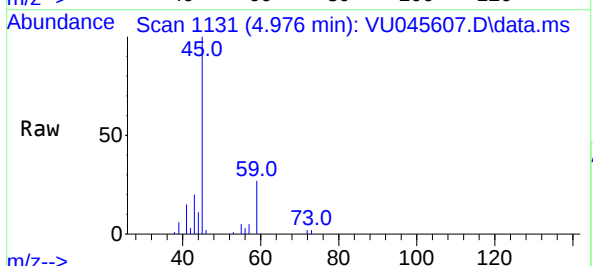
Instrument :
MSVOA_U
ClientSampleId :
2229

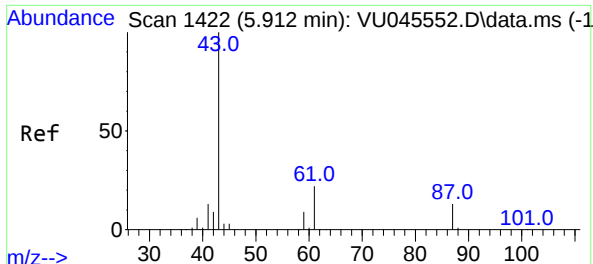
Tgt Ion: 78 Resp: 6060
Ion Ratio Lower Upper
78 100
77 26.7 19.0 28.4



#41
Methacrylonitrile
Concen: 2.289 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 41 Resp: 3548
Ion Ratio Lower Upper
41 100
39 34.1 43.4 65.0#
67 0.0 61.0 91.4#
52 0.0 23.4 35.0#

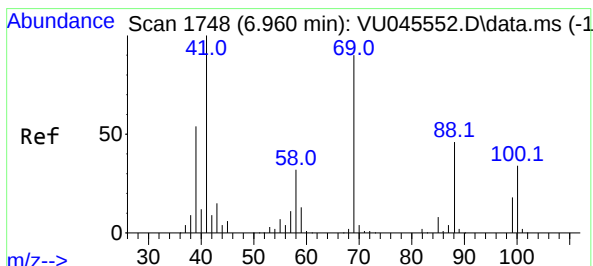
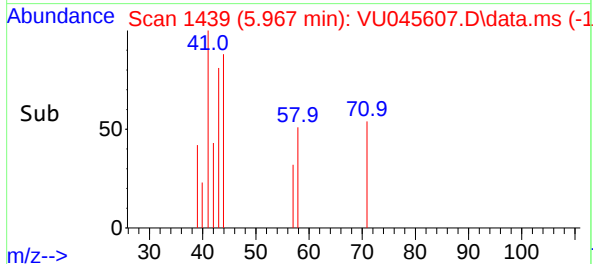
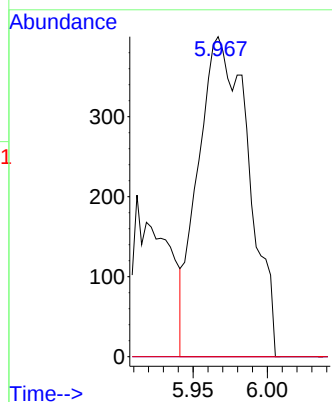
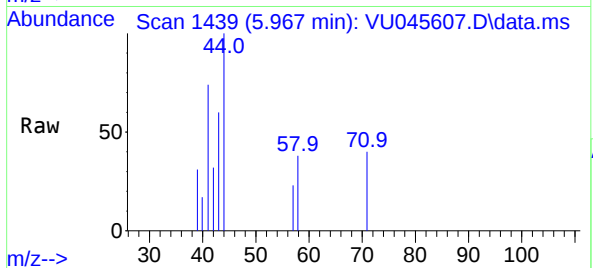




#43
Isopropyl Acetate
Concen: 0.210 ug/l
RT: 5.967 min Scan# 1422
Delta R.T. 0.055 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

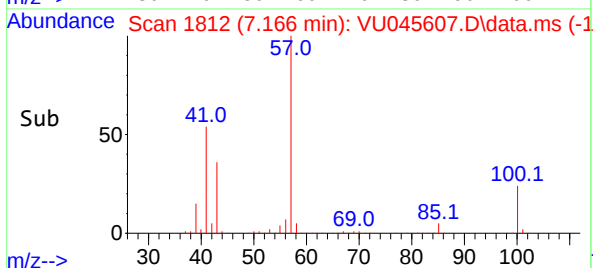
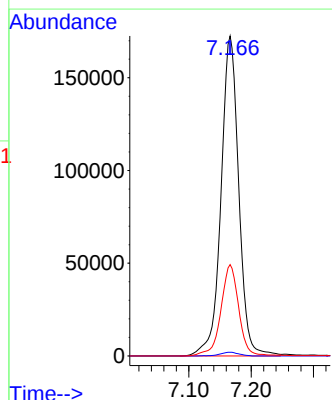
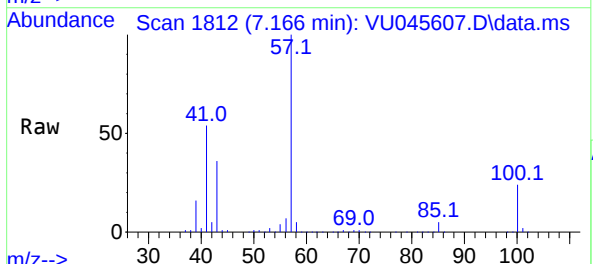
Instrument :
MSVOA_U
ClientSampleId :
2229

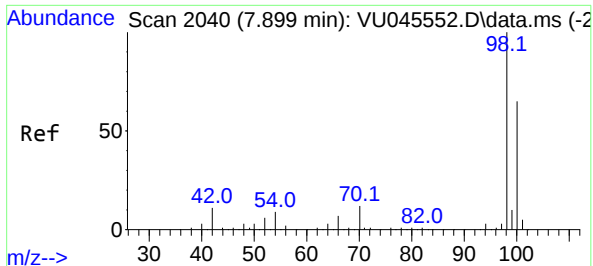
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
61 0.0 16.9 25.3#
87 0.0 11.0 16.4#



#48
Methyl methacrylate
Concen: 165.035 ug/l
RT: 7.166 min Scan# 1812
Delta R.T. 0.206 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 41 Resp: 340829
Ion Ratio Lower Upper
41 100
69 1.2 70.2 105.2#
39 28.8 43.9 65.9#

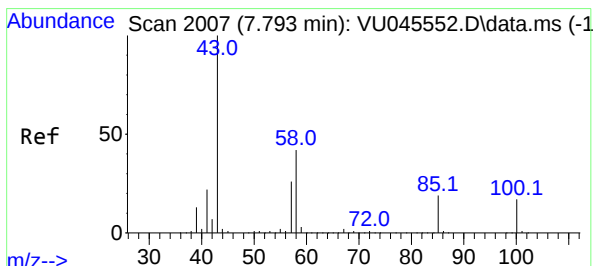
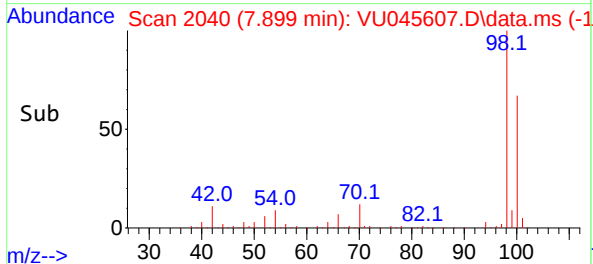
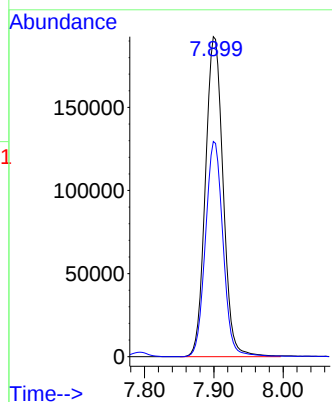
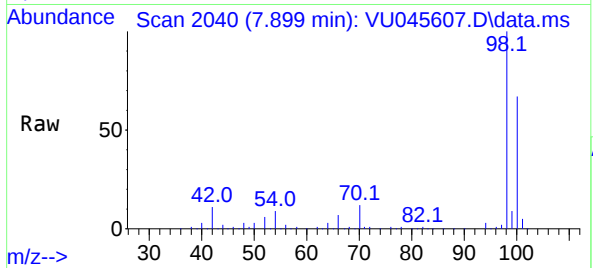




#50
Toluene-d8
Concen: 52.403 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

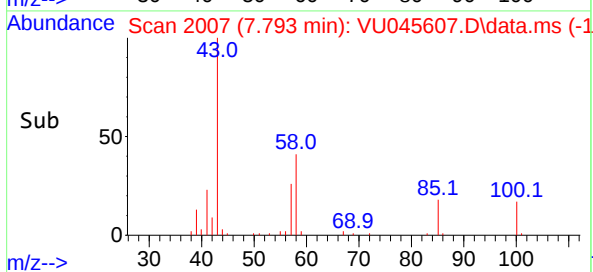
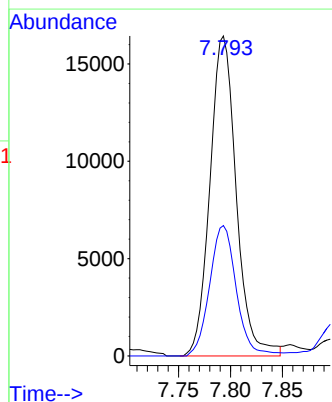
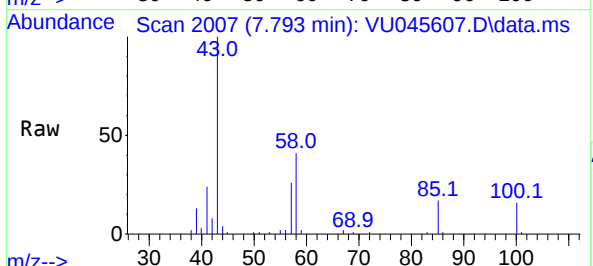
Instrument :
MSVOA_U
ClientSampleId :
2229

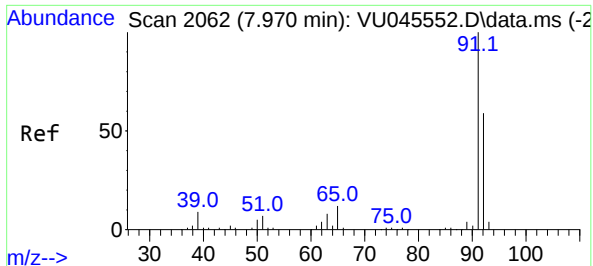
Tgt Ion: 98 Resp: 340730
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#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

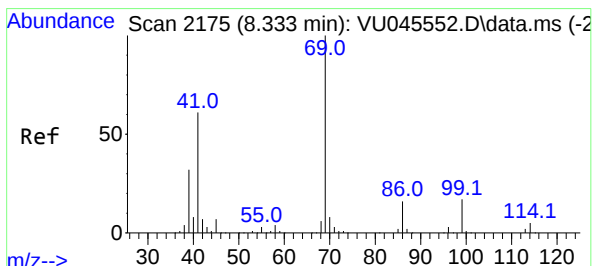
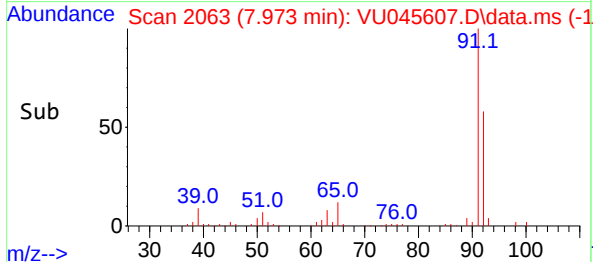
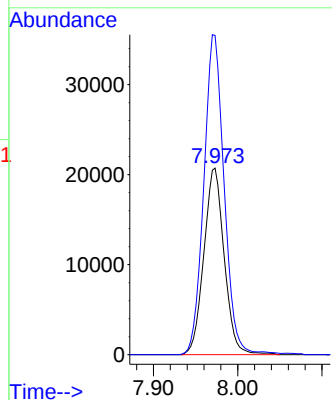
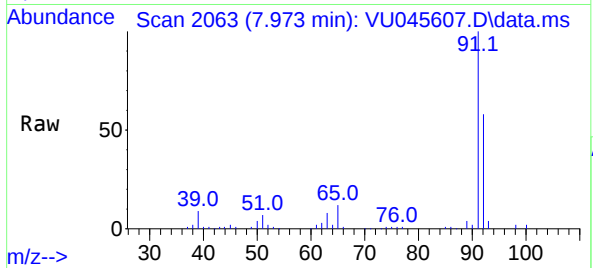




#52
Toluene
Concen: 7.542 ug/l
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

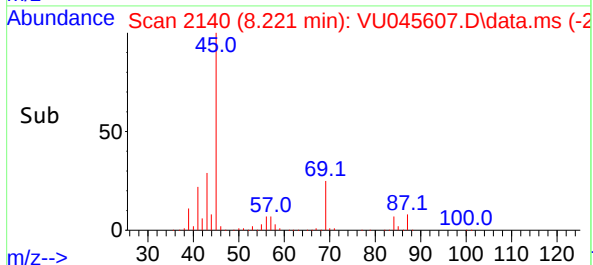
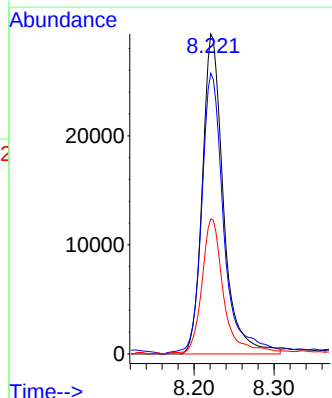
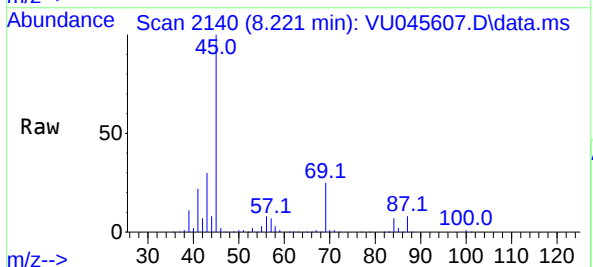
Instrument :
MSVOA_U
ClientSampleId :
2229

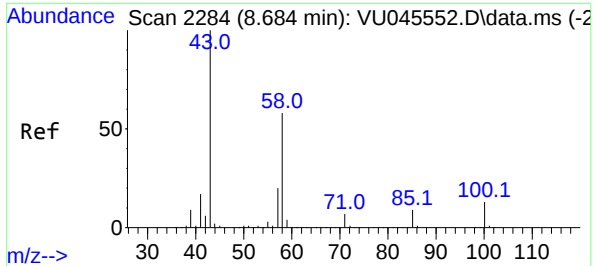
Tgt Ion: 92 Resp: 34911
Ion Ratio Lower Upper
92 100
91 171.4 135.6 203.4



#56
Ethyl methacrylate
Concen: 17.311 ug/l
RT: 8.221 min Scan# 2140
Delta R.T. -0.112 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 69 Resp: 53834
Ion Ratio Lower Upper
69 100
41 92.3 51.0 76.4#
39 44.6 26.6 39.8#

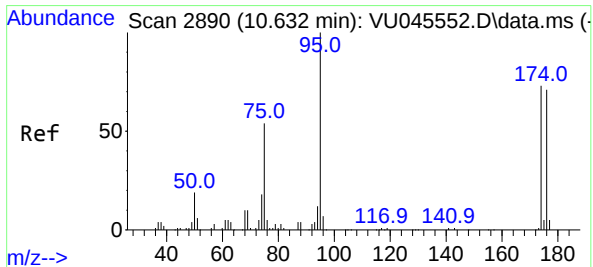
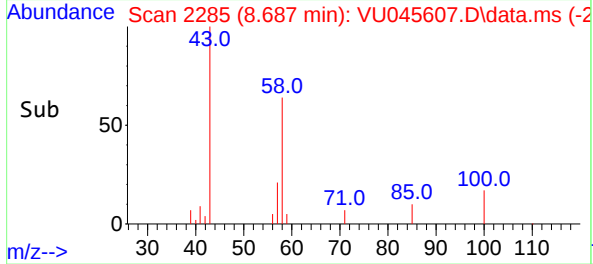
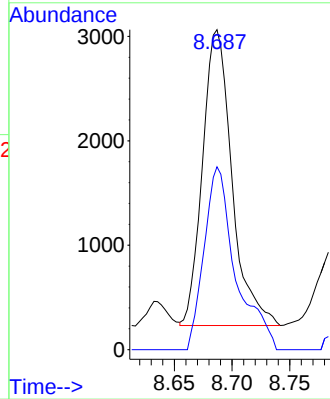
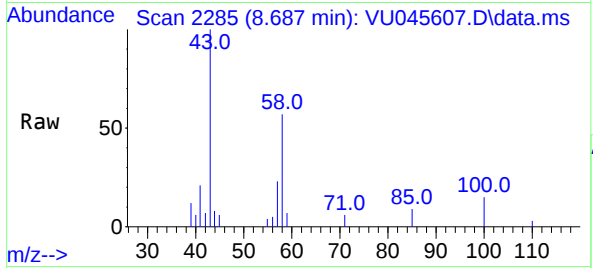




#59
2-Hexanone
Concen: 9.427 ug/l
RT: 8.687 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

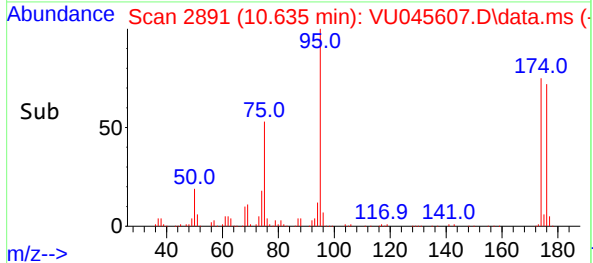
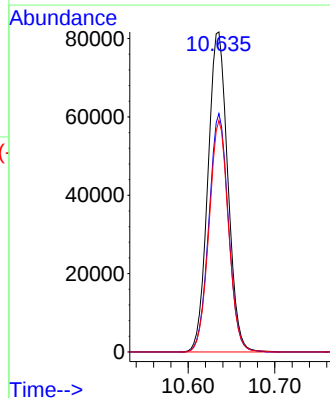
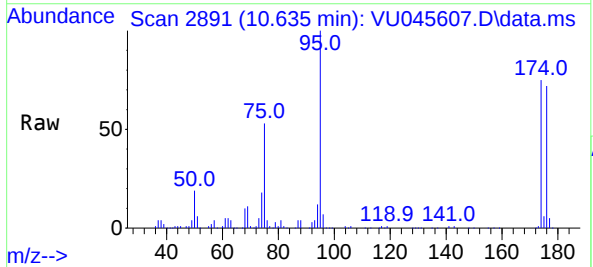
Instrument :
MSVOA_U
ClientSampleId :
2229

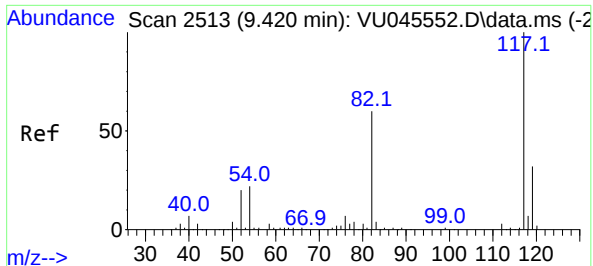
Tgt Ion: 43 Resp: 5025
Ion Ratio Lower Upper
43 100
58 65.9 29.5 88.6



#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

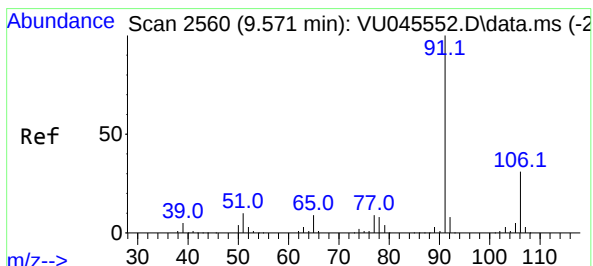
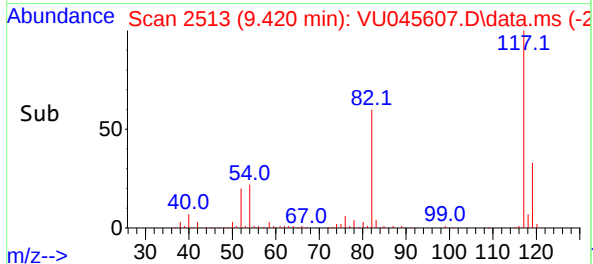
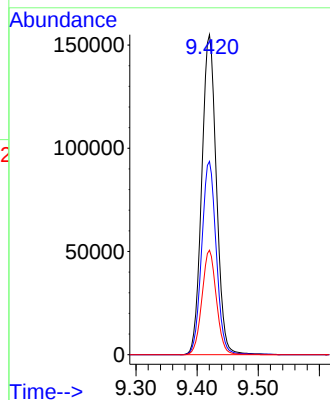
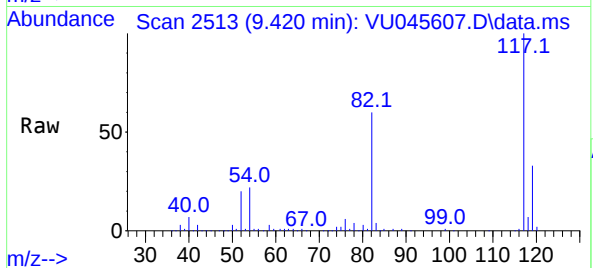
Tgt Ion:117 Resp: 258159

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

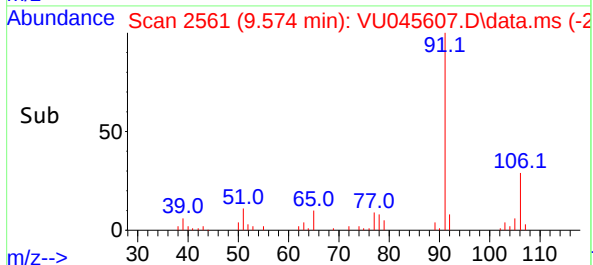
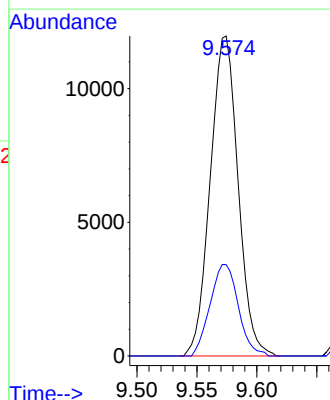
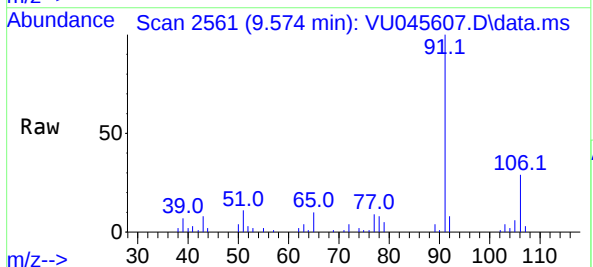
Acq: 08 Nov 2021 12:05

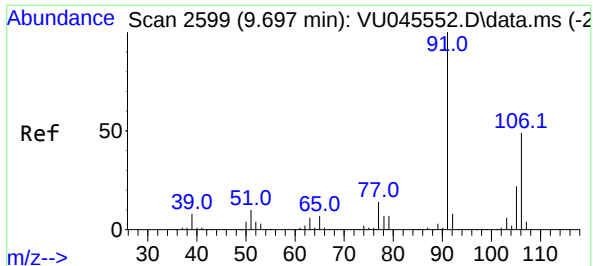
Tgt Ion: 91 Resp: 19282

Ion Ratio Lower Upper

91 100

106 28.6 24.6 36.8

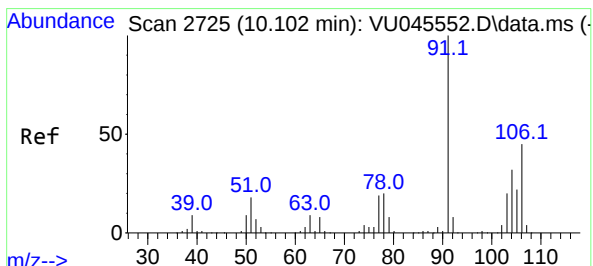
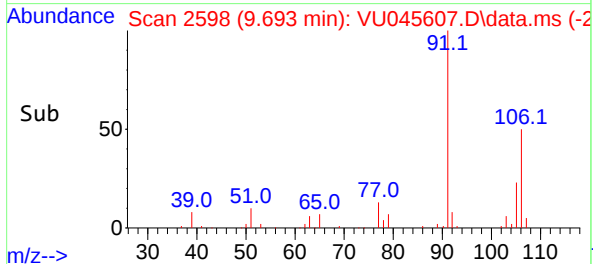
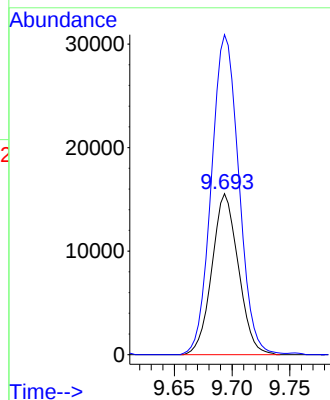
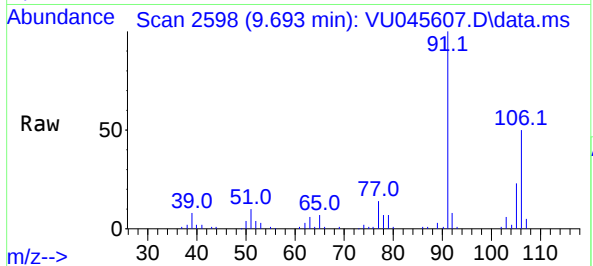




#68
m/p-Xylenes
Concen: 7.224 ug/l
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

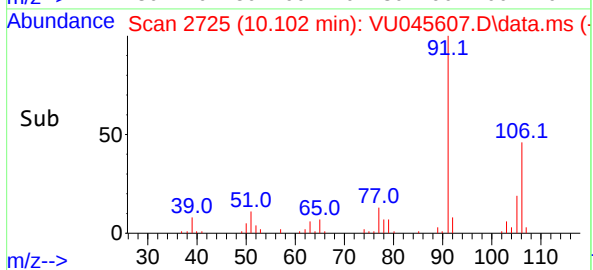
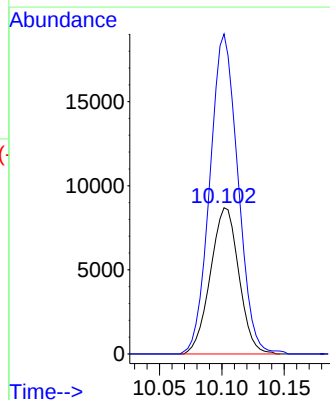
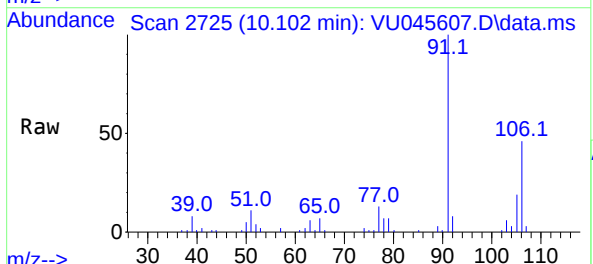
Instrument :
MSVOA_U
ClientSampleId :
2229

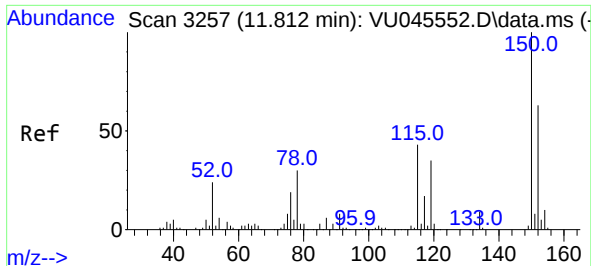
Tgt Ion:106 Resp: 24742
Ion Ratio Lower Upper
106 100
91 206.2 164.7 247.1



#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

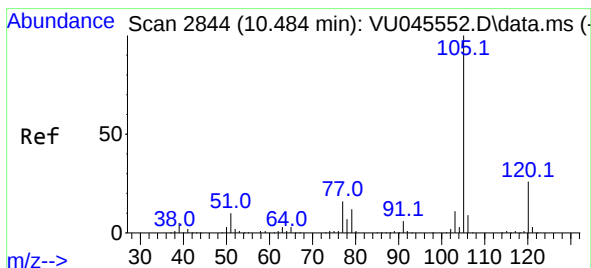
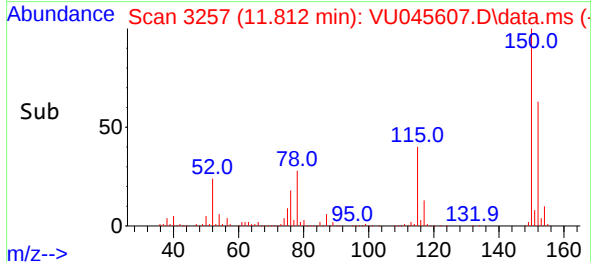
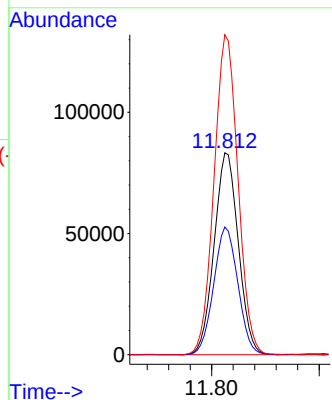
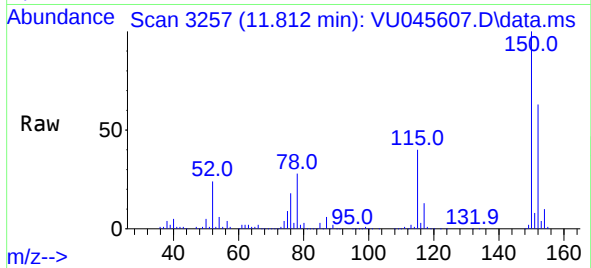




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

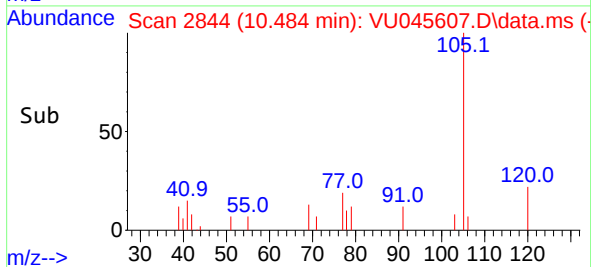
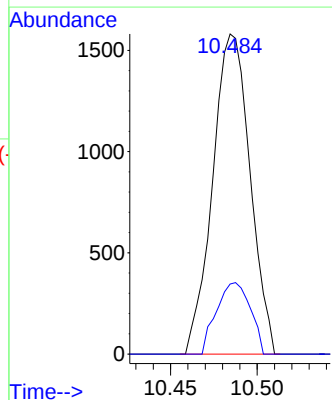
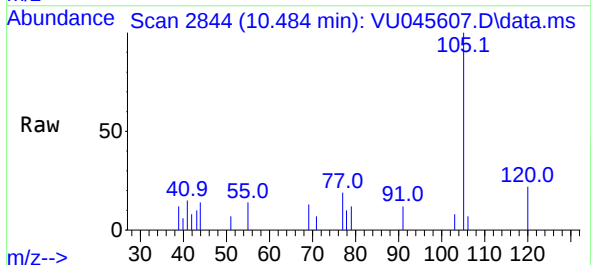
Instrument :
MSVOA_U
ClientSampleId :
2229

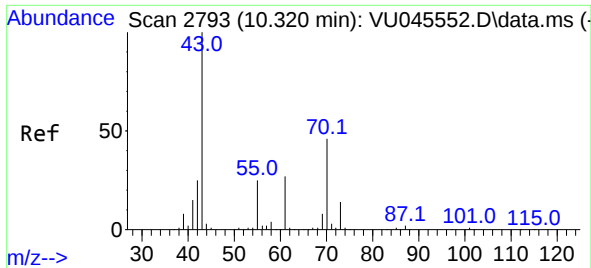
Tgt Ion:152 Resp: 130216
Ion Ratio Lower Upper
152 100
115 63.3 42.7 128.1
150 156.9 0.0 346.8



#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



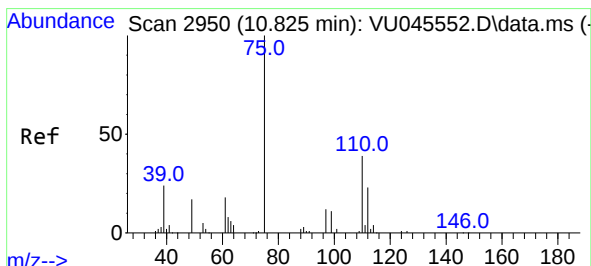
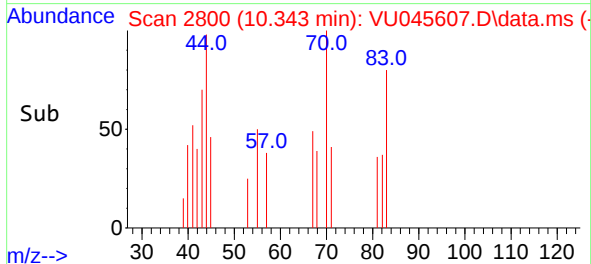
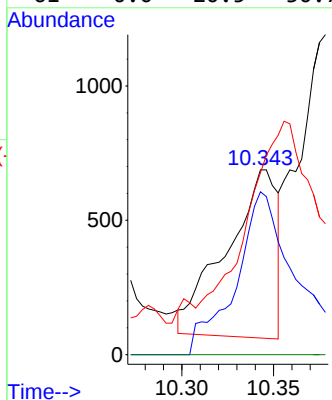
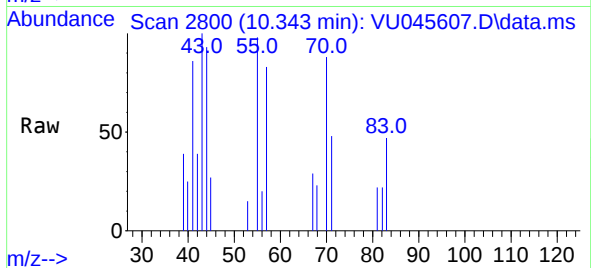


#74
N-amy1 acetate
Concen: 0.312 ug/l
RT: 10.343 min Scan# 211
Delta R.T. 0.022 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Instrument :
MSVOA_U
ClientSampleId :
2229

Tgt Ion: 43 Resp: 1198

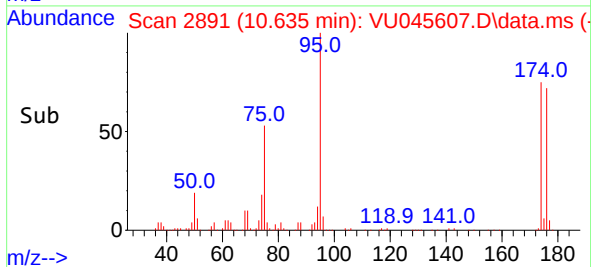
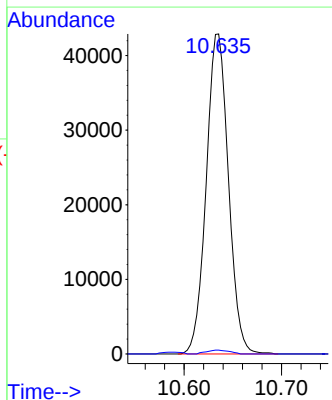
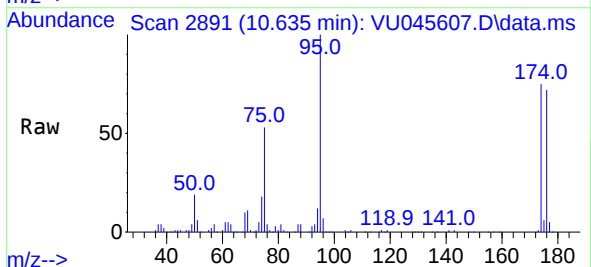
Ion	Ratio	Lower	Upper
43	100		
70	114.9	36.9	55.3#
55	129.6	20.6	31.0#
61	0.0	20.5	30.7#

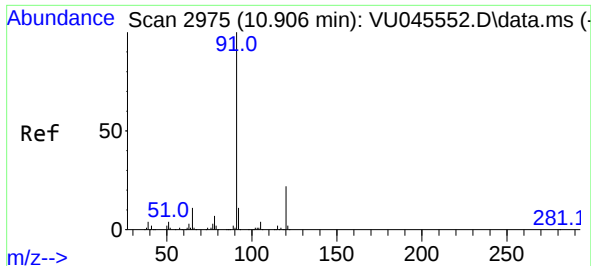


#76
1,2,3-Trichloropropane
Concen: 17.213 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 75 Resp: 67972

Ion	Ratio	Lower	Upper
75	100		
77	1.3	17.1	51.3#

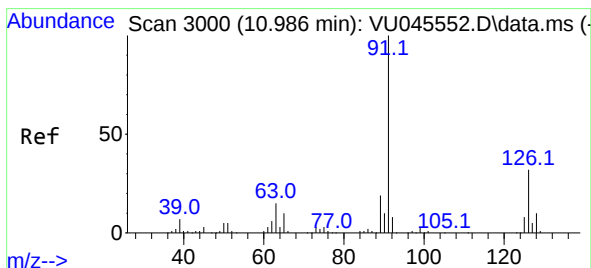
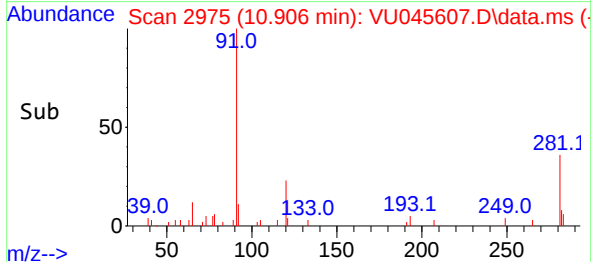
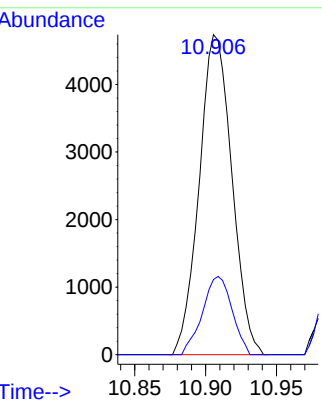
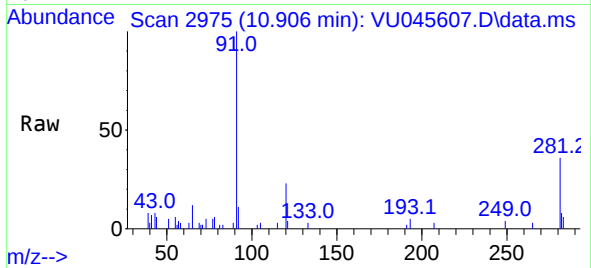




#78
n-propylbenzene
Concen: 0.717 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

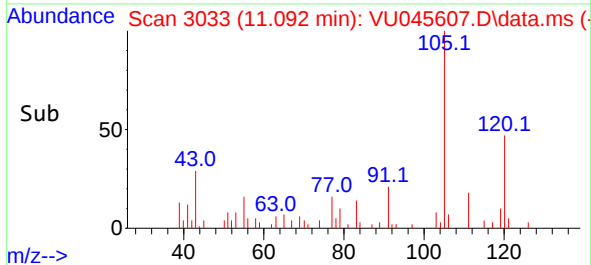
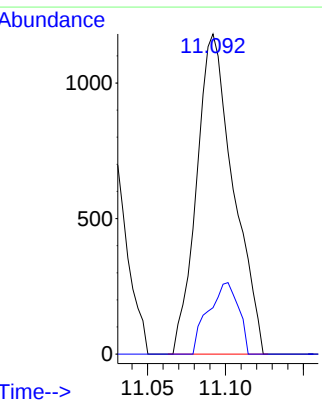
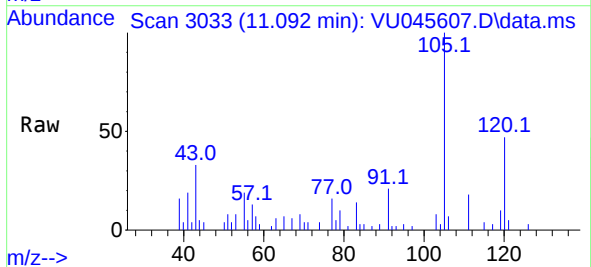
Instrument :
MSVOA_U
ClientSampleId :
2229

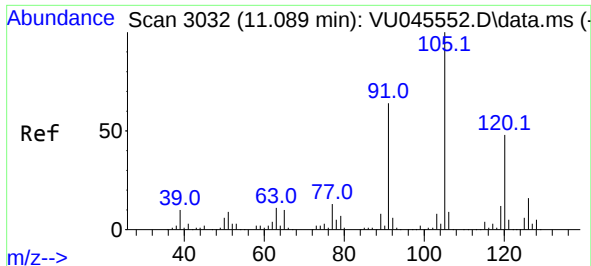
Tgt Ion: 91 Resp: 7590
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7



#79
2-Chlorotoluene
Concen: 0.310 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.106 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 91 Resp: 1940
Ion Ratio Lower Upper
91 100
126 18.2 15.6 46.8

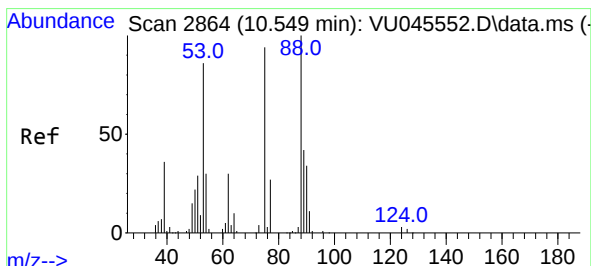
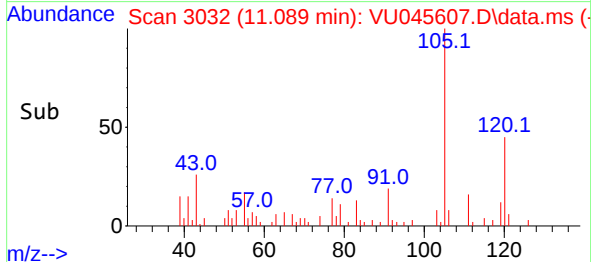
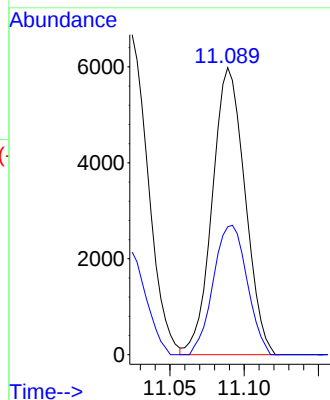
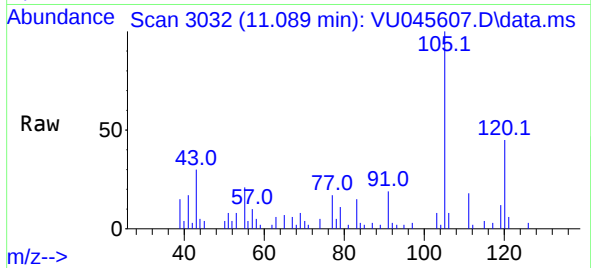




#80
1,3,5-Trimethylbenzene
Concen: 1.234 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

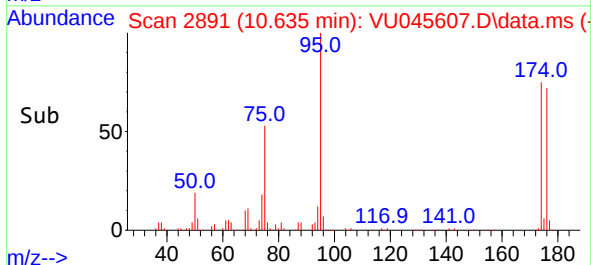
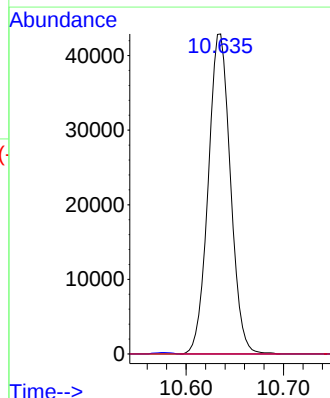
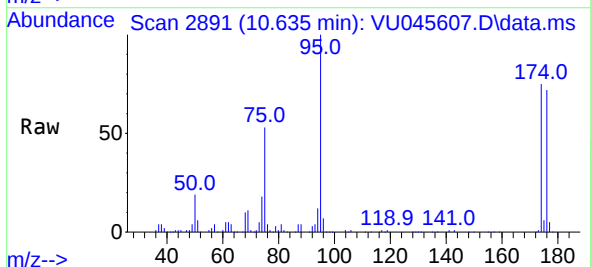
Instrument :
MSVOA_U
ClientSampleId :
2229

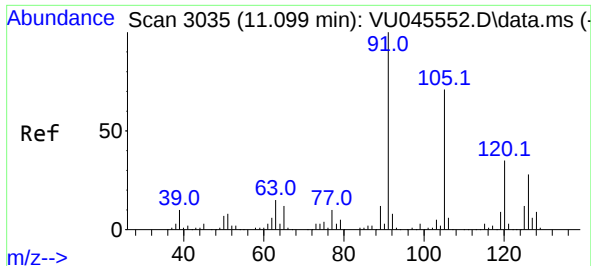
Tgt Ion:105 Resp: 9170
Ion Ratio Lower Upper
105 100
120 46.5 23.9 71.8



#81
trans-1,4-Dichloro-2-butene
Concen: 56.006 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

Tgt Ion: 75 Resp: 67972
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

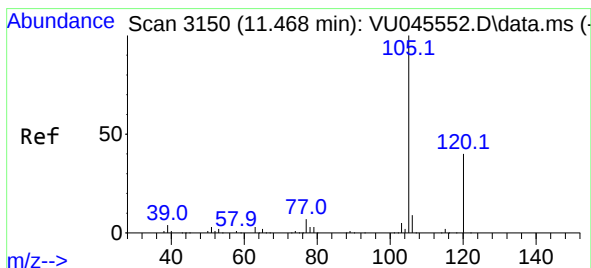
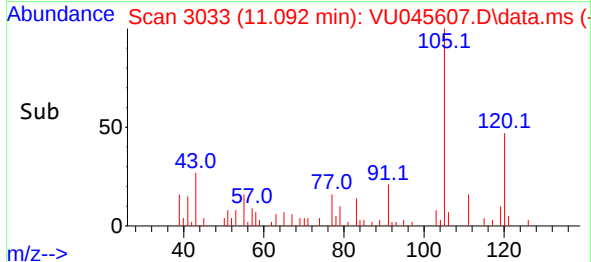
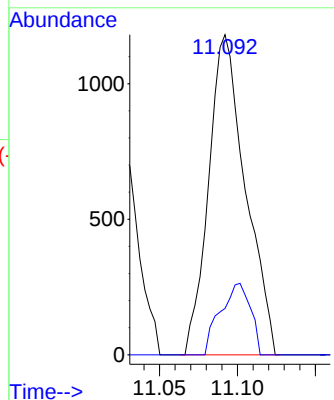
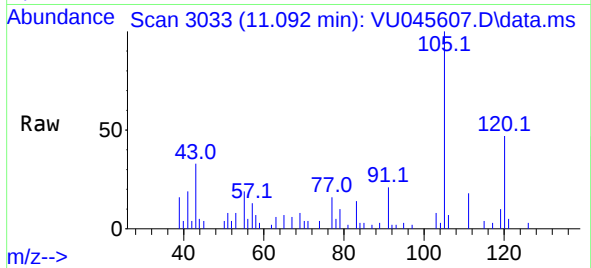




#82
4-Chlorotoluene
Concen: 0.264 ug/l
RT: 11.092 min Scan# 3035
Delta R.T. -0.007 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

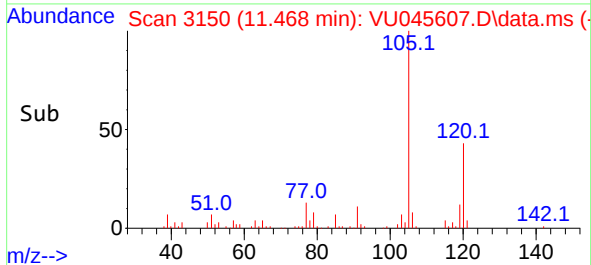
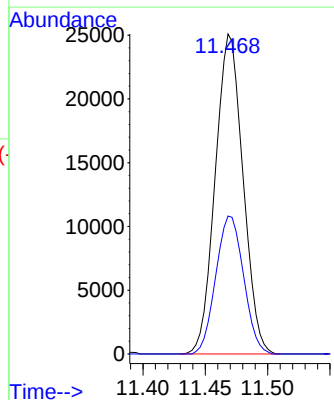
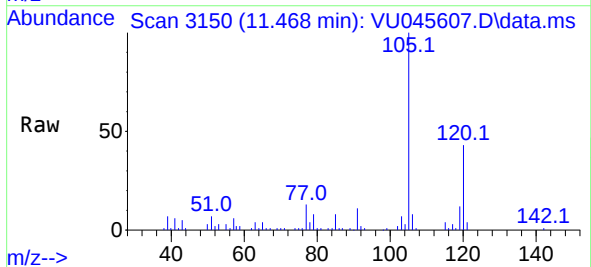
Instrument :
MSVOA_U
ClientSampleId :
2229

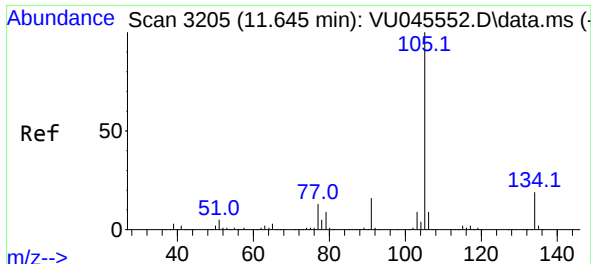
Tgt Ion: 91 Resp: 1940
Ion Ratio Lower Upper
91 100
126 18.2 13.8 41.4



#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

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

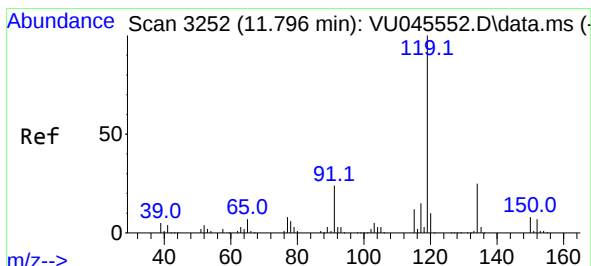
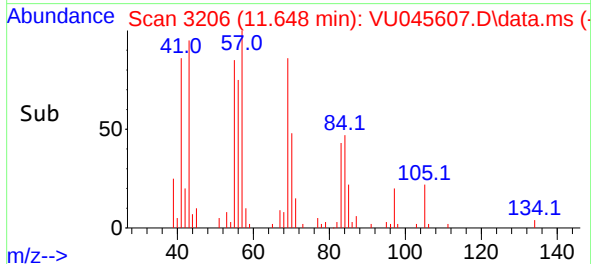
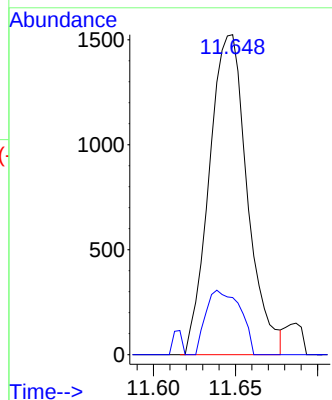
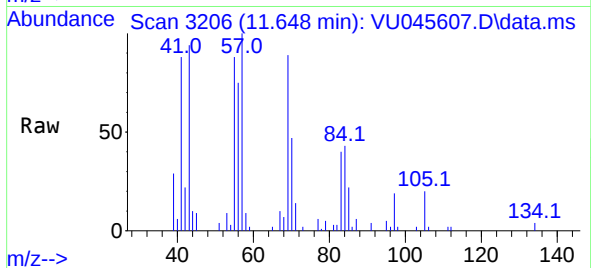




#85
 sec-Butylbenzene
 Concen: 0.262 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045607.D
 Acq: 08 Nov 2021 12:05

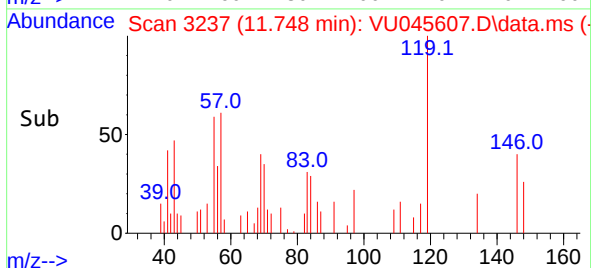
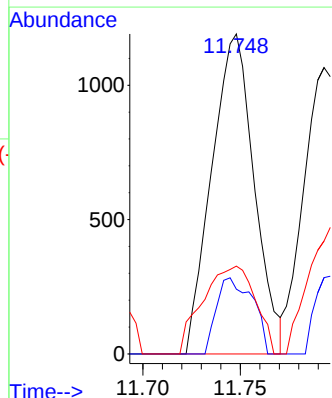
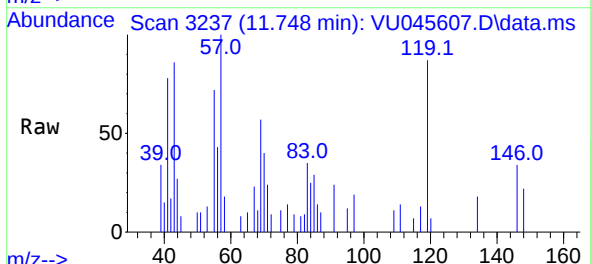
Instrument :
 MSVOA_U
 ClientSampleId :
 2229

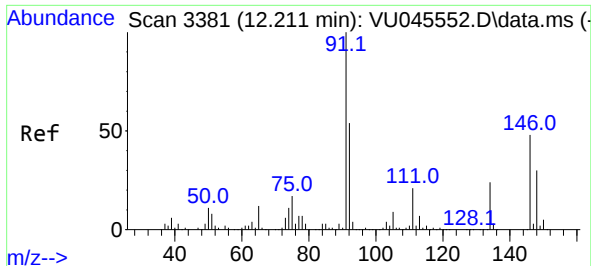
Tgt Ion:105 Resp: 2461
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 0.230 ug/l
 RT: 11.748 min Scan# 3237
 Delta R.T. -0.048 min
 Lab File: VU045607.D
 Acq: 08 Nov 2021 12:05

Tgt Ion:119 Resp: 1805
 Ion Ratio Lower Upper
 119 100
 134 20.1 12.7 38.1
 91 33.9 12.2 36.4





#89

n-Butylbenzene

Concen: 0.772 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045607.D

Acq: 08 Nov 2021 12:05

Instrument :

MSVOA_U

ClientSampleId :

2229

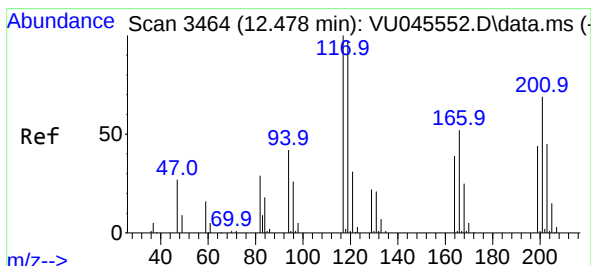
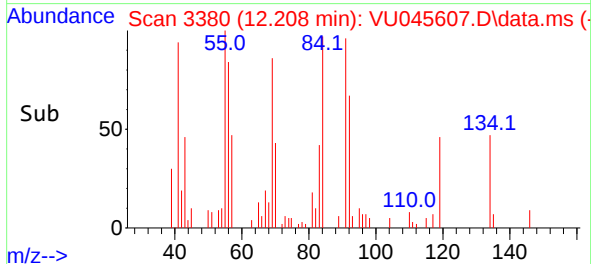
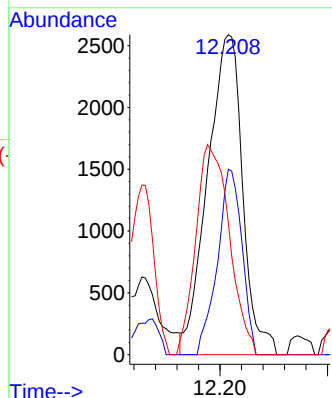
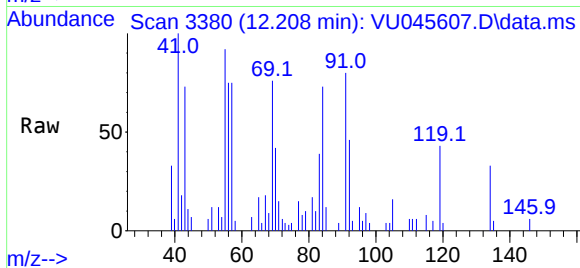
Tgt Ion: 91 Resp: 5841

Ion Ratio Lower Upper

91 100

92 40.6 27.1 81.2

134 63.1 11.8 35.4#



#90

Hexachloroethane

Concen: 0.460 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.010 min

Lab File: VU045607.D

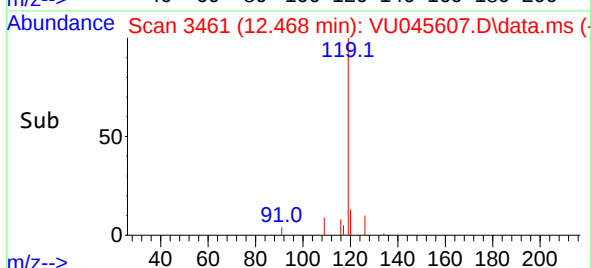
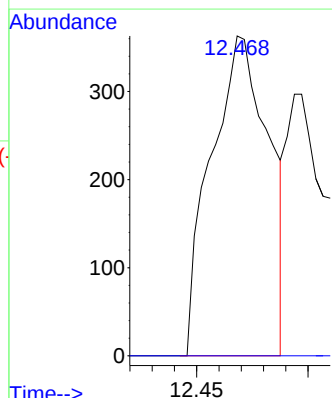
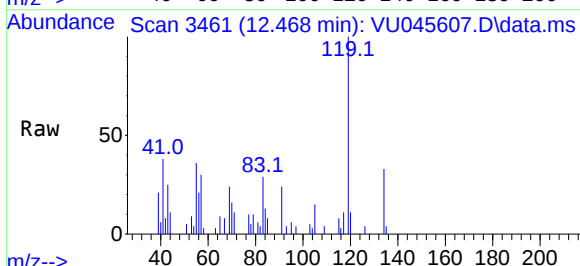
Acq: 08 Nov 2021 12:05

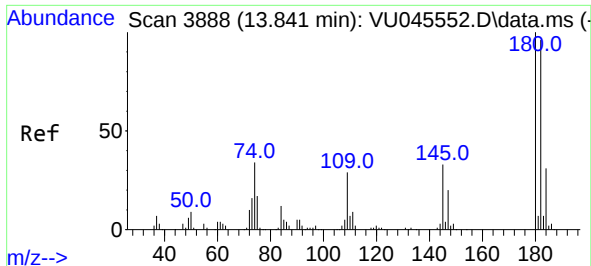
Tgt Ion: 117 Resp: 652

Ion Ratio Lower Upper

117 100

201 0.0 33.8 101.4#

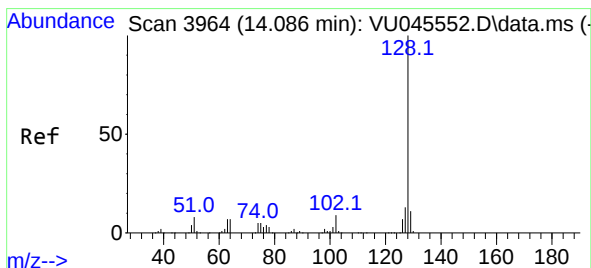
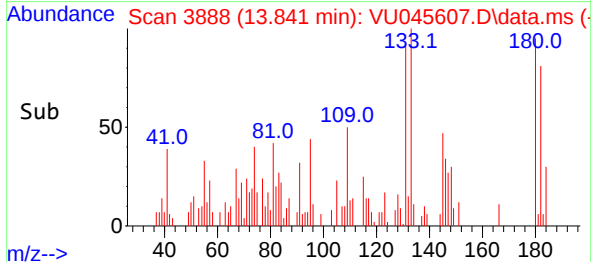
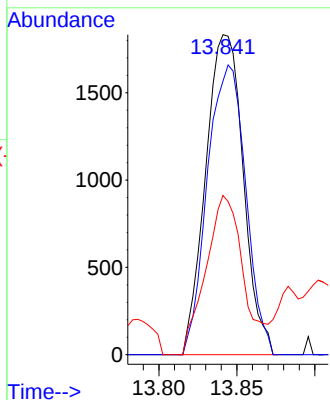
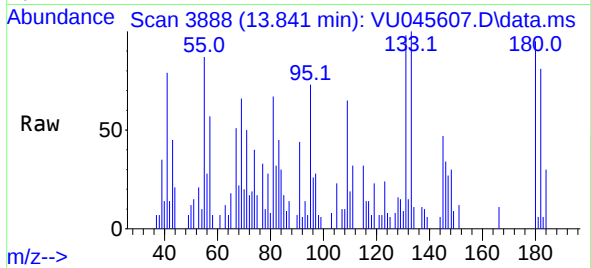




#93
1,2,4-Trichlorobenzene
Concen: 1.098 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU045607.D
Acq: 08 Nov 2021 12:05

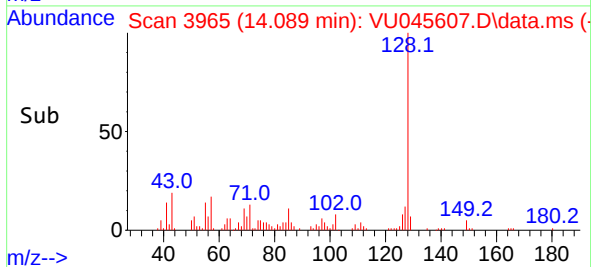
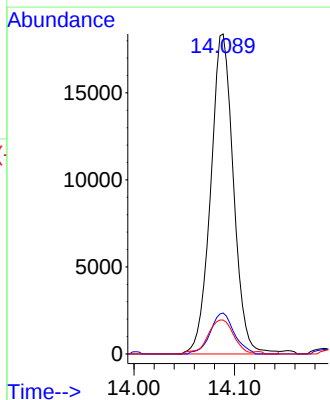
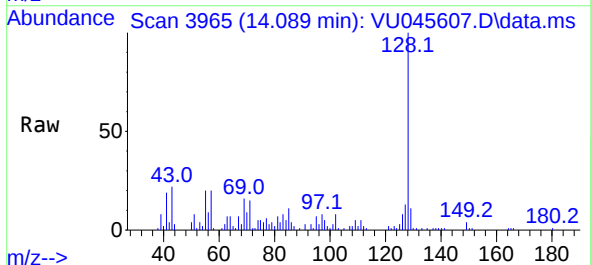
Instrument :
MSVOA_U
ClientSampleId :
2229

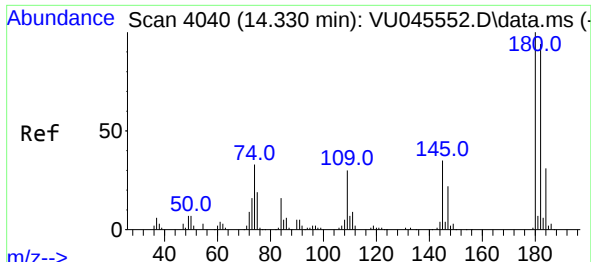
Tgt Ion:180 Resp: 3079
Ion Ratio Lower Upper
180 100
182 92.1 47.0 141.2
145 49.6 15.6 46.7#



#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





#96
 1,2,3-Trichlorobenzene
 Concen: 0.563 ug/l
 RT: 14.333 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU045607.D
 Acq: 08 Nov 2021 12:05

Instrument :
 MSVOA_U
 ClientSampleId :
 2229

Tgt Ion:180 Resp: 1567
 Ion Ratio Lower Upper
 180 100
 182 100.5 47.7 143.1
 145 109.3 16.7 50.0#

