

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045750.D
 Acq On : 11 Nov 2021 19:42
 Operator : SY/MD
 Sample : PB140643TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 06:13:05 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)

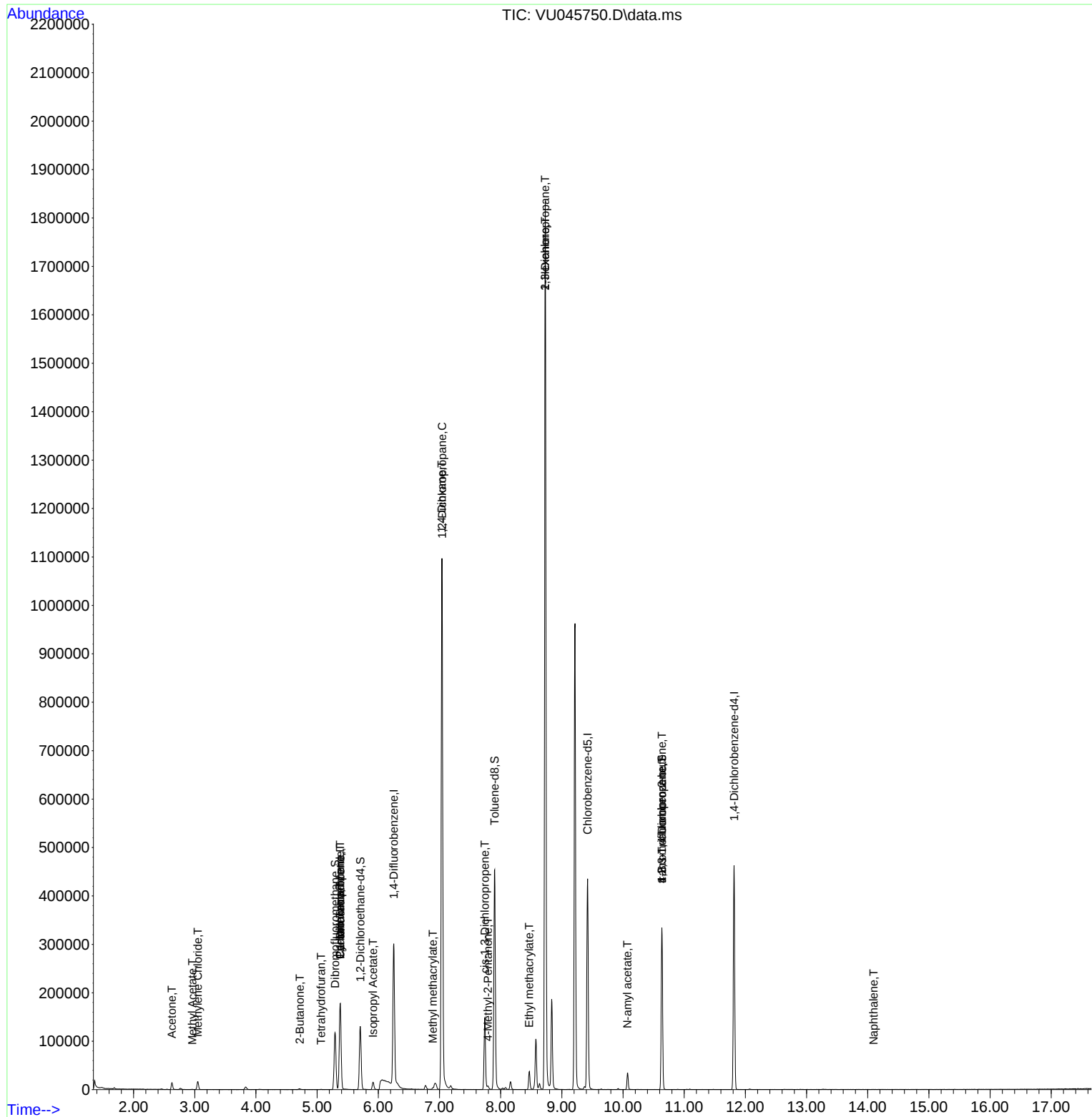
Internal Standards						
1) Pentafluorobenzene	5.378	168	116221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	226562	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	234661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	113893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	97091	55.782	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.560%
35) Dibromofluoromethane	5.292	113	75374	49.830	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	7.902	98	299838	53.307	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.620%
62) 4-Bromofluorobenzene	10.635	95	111068	49.244	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.480%
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	16024	18.085	ug/l	98
18) Methyl Acetate	2.961	43	804	0.266	ug/l #	65
20) Methylene Chloride	3.047	84	8339	5.417	ug/l	95
25) 2-Butanone	4.716	43	3129	2.546	ug/l	91
29) Tetrahydrofuran	5.063	42	469	0.624	ug/l #	34
31) Cyclohexane	5.375	56	2814	1.108	ug/l #	9
36) 1,1-Dichloropropene	5.375	75	10940	4.952	ug/l #	50
38) Carbon Tetrachloride	5.375	117	13024	5.848	ug/l #	16
43) Isopropyl Acetate	5.915	43	16588	4.274	ug/l	97
45) 1,2-Dichloropropane	7.044	63	1202	0.695	ug/l #	43
48) Methyl methacrylate	6.893	41	5206	2.914	ug/l #	13
49) 1,4-Dioxane	7.037	88	76	1.654	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	4331	1.692	ug/l	88
54) cis-1,3-Dichloropropene	7.742	75	27358	9.850	ug/l #	63
56) Ethyl methacrylate	8.465	69	143	2.470	ug/l #	1
57) 1,3-Dichloropropane	8.729	76	18226	6.098	ug/l #	42
59) 2-Hexanone	8.729	43	235886	110.221	ug/l #	49
74) N-amyl acetate	10.073	43	9365	2.790	ug/l #	50
76) 1,2,3-Trichloropropane	10.635	75	58314	16.884	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	58314	54.992	ug/l #	12
95) Naphthalene	14.095	128	160	1.046	ug/l #	69

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

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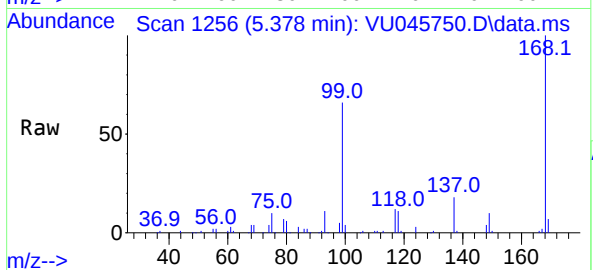
Quant Time: Nov 12 06:13:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
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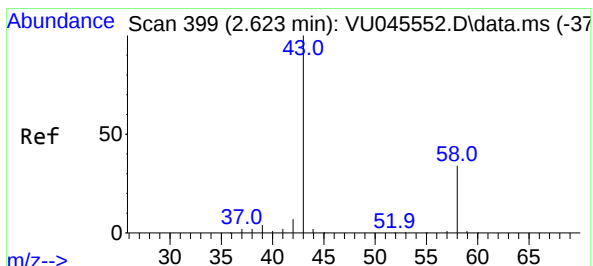
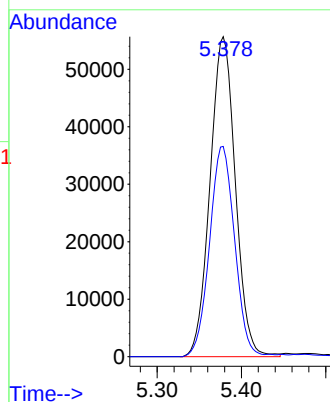
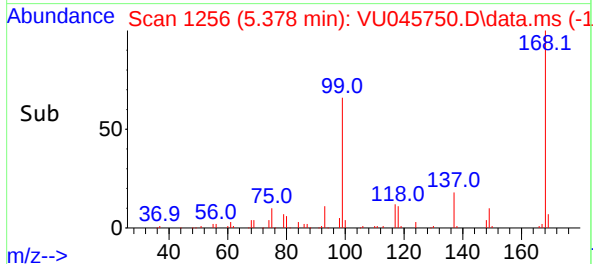


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Instrument :
MSVOA_U
ClientSampleId :

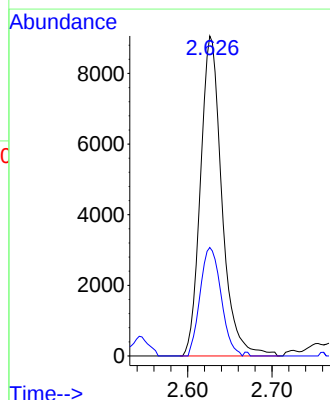
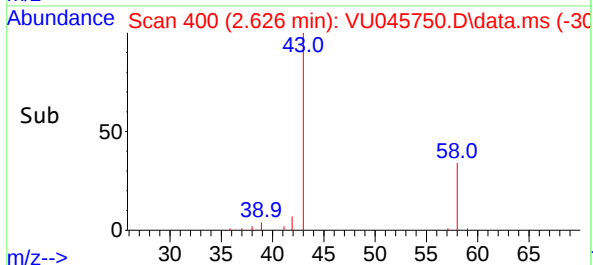
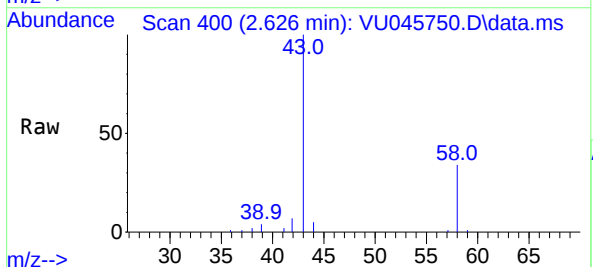


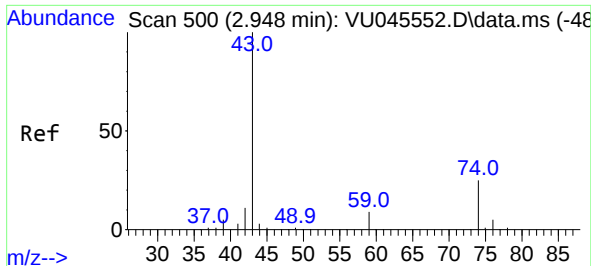
Tgt Ion:168 Resp: 116221
Ion Ratio Lower Upper
168 100
99 65.7 51.0 76.6



#16
Acetone
Concen: 18.085 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 43 Resp: 16024
Ion Ratio Lower Upper
43 100
58 33.9 26.2 39.2

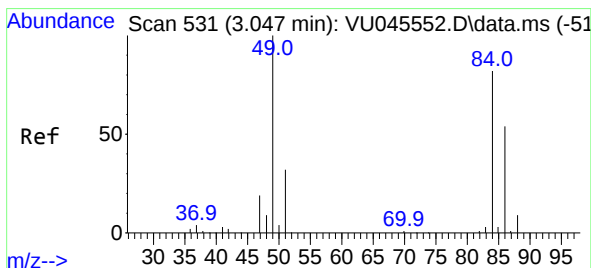
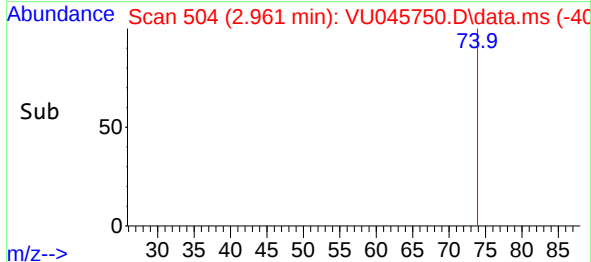
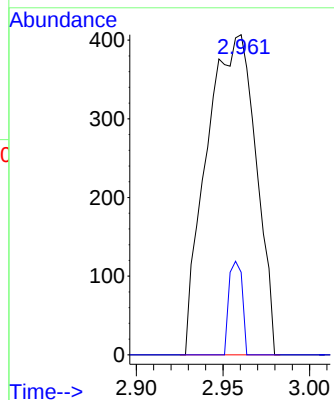
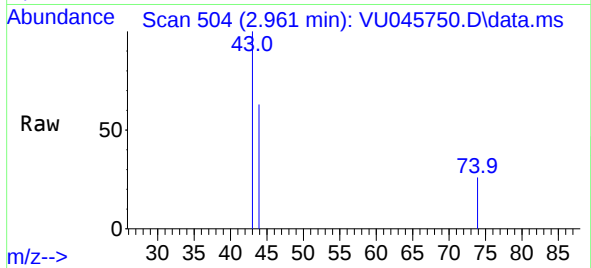




#18
Methyl Acetate
Concen: 0.266 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

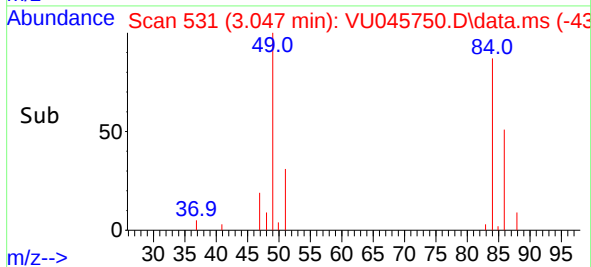
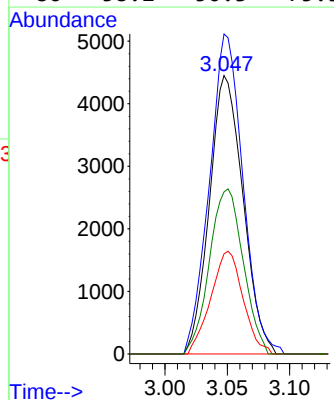
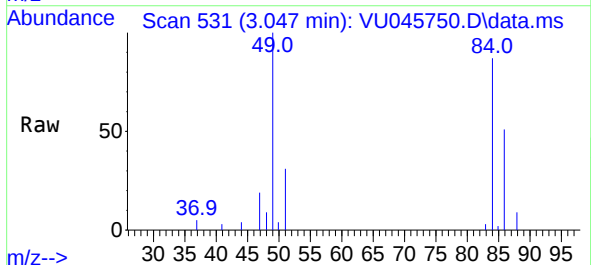
Instrument :
MSVOA_U
ClientSampleId :

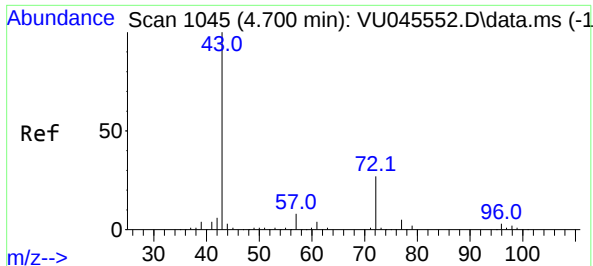
Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
74 7.8 20.2 30.2#



#20
Methylene Chloride
Concen: 5.417 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 84 Resp: 8339
Ion Ratio Lower Upper
84 100
49 114.9 96.4 144.6
51 36.0 30.5 45.7
86 58.2 50.3 75.5

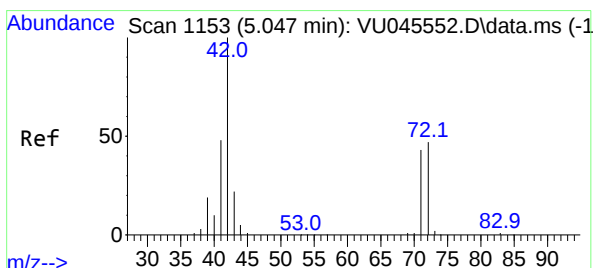
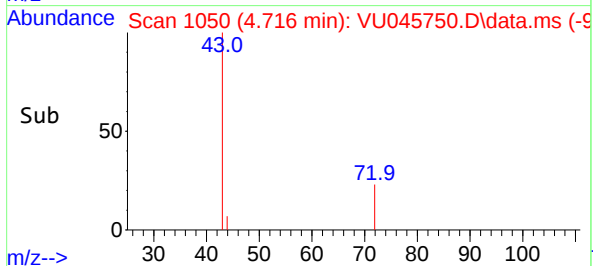
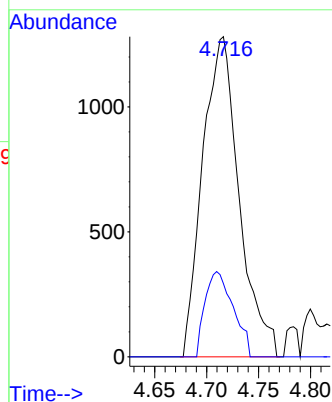
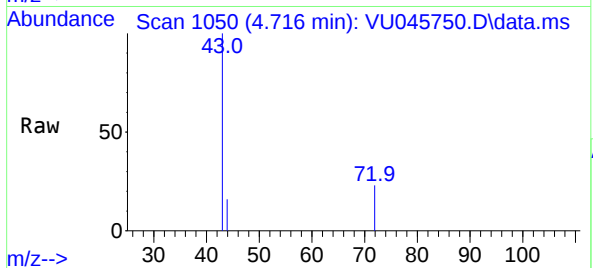




#25
2-Butanone
Concen: 2.546 ug/l
RT: 4.716 min Scan# 1045
Delta R.T. 0.016 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

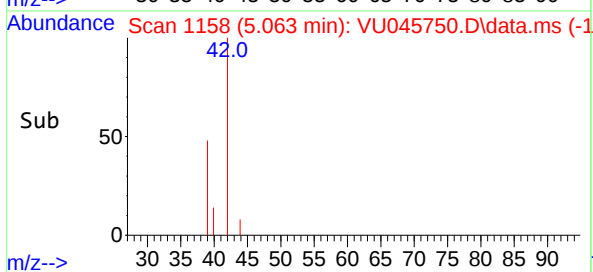
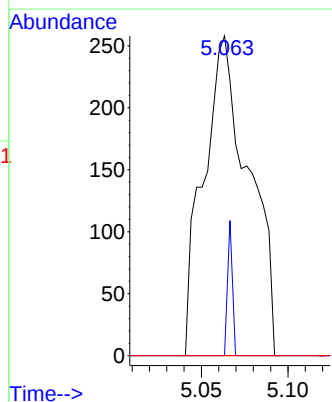
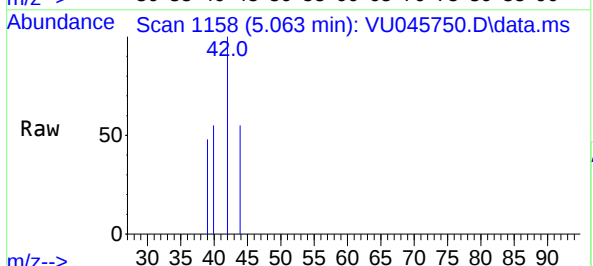
Instrument :
MSVOA_U
ClientSampleId :

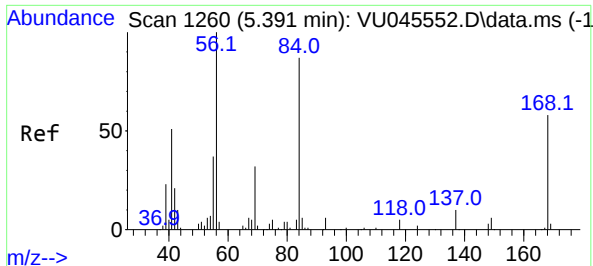
Tgt Ion: 43 Resp: 3129
Ion Ratio Lower Upper
43 100
72 22.9 22.0 33.0



#29
Tetrahydrofuran
Concen: 0.624 ug/l
RT: 5.063 min Scan# 1158
Delta R.T. 0.016 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 42 Resp: 469
Ion Ratio Lower Upper
42 100
72 4.5 38.2 57.4#
71 0.0 35.4 53.2#





#31

Cyclohexane

Concen: 1.108 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.016 min

Lab File: VU045750.D

Acq: 11 Nov 2021 19:42

Instrument :

MSVOA_U

ClientSampleId :

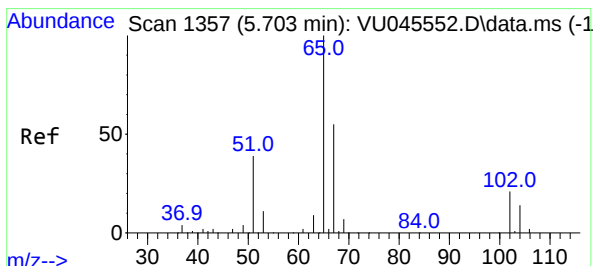
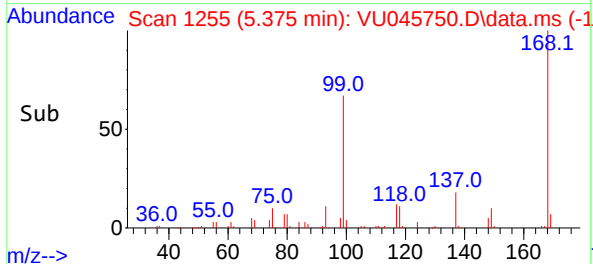
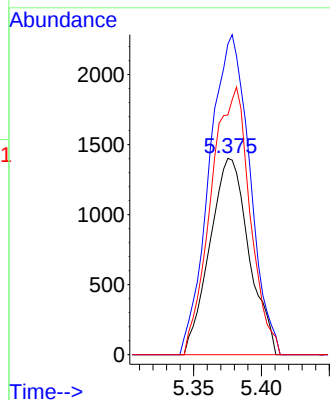
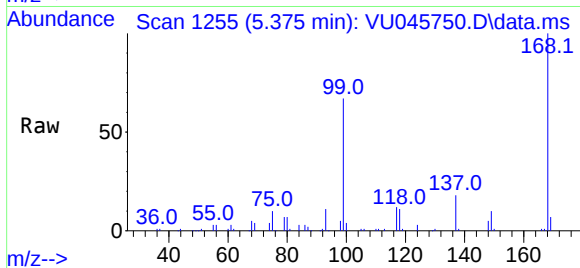
Tgt Ion: 56 Resp: 2814

Ion Ratio Lower Upper

56 100

69 158.3 26.4 39.6#

84 122.0 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 55.782 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU045750.D

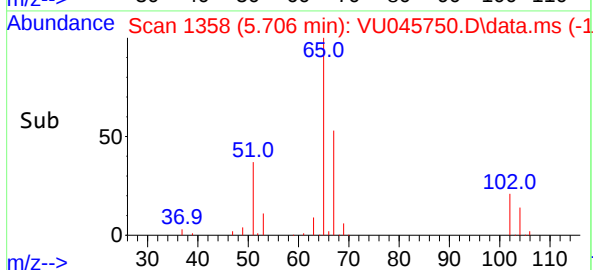
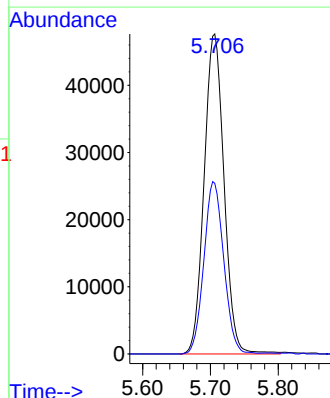
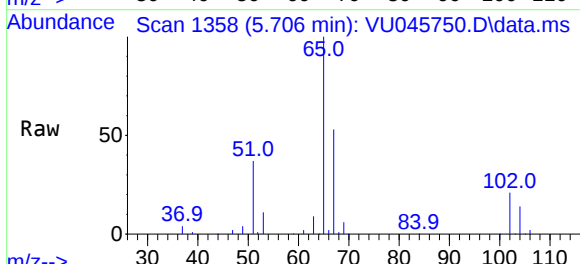
Acq: 11 Nov 2021 19:42

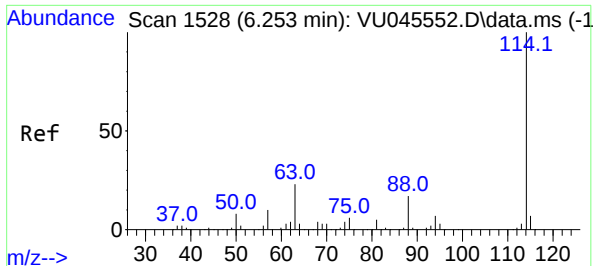
Tgt Ion: 65 Resp: 97091

Ion Ratio Lower Upper

65 100

67 53.8 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: VU045750.D

Acq: 11 Nov 2021 19:42

Instrument :

MSVOA_U

ClientSampleId :

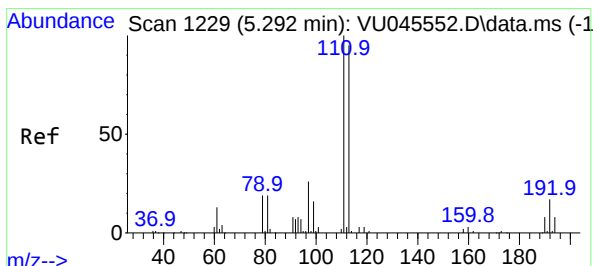
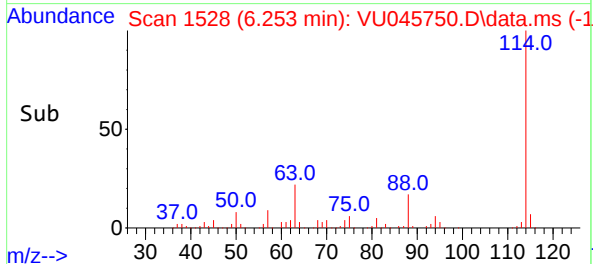
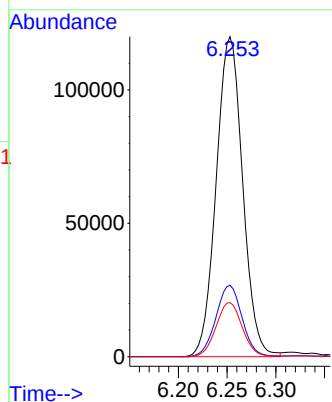
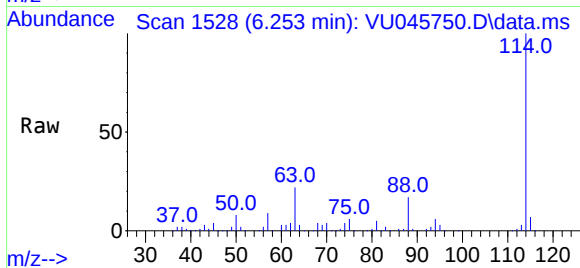
Tgt Ion:114 Resp: 226562

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.830 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045750.D

Acq: 11 Nov 2021 19:42

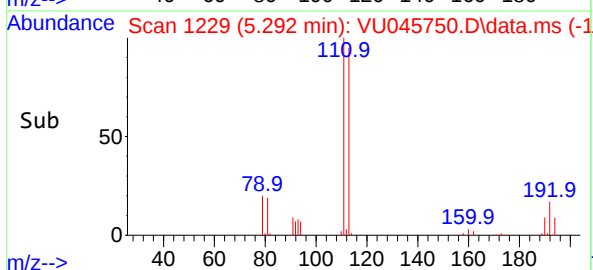
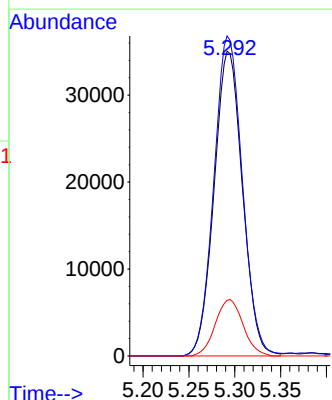
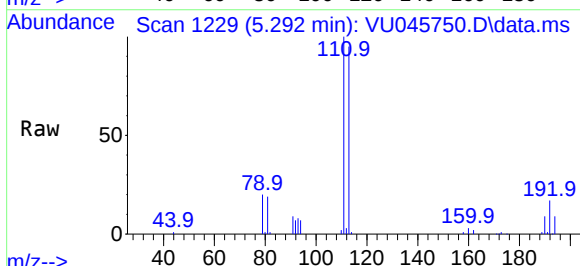
Tgt Ion:113 Resp: 75374

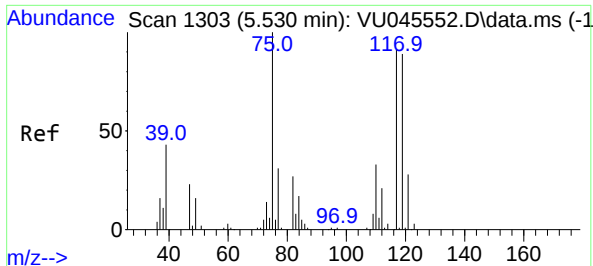
Ion Ratio Lower Upper

113 100

111 105.3 82.8 124.2

192 18.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.952 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045750.D

Acq: 11 Nov 2021 19:42

Instrument :

MSVOA_U

ClientSampleId :

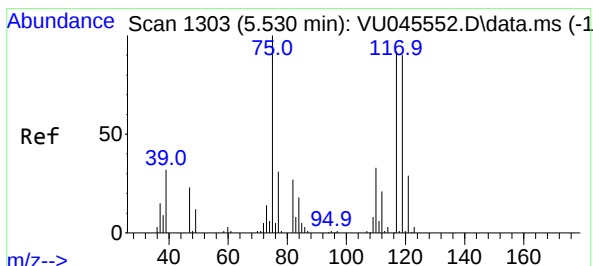
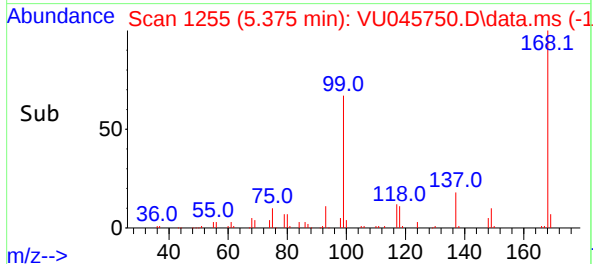
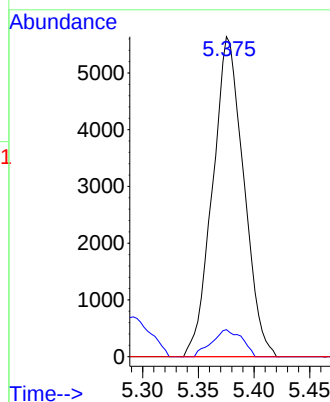
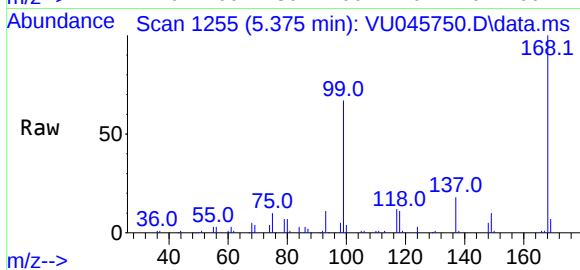
Tgt Ion: 75 Resp: 10940

Ion Ratio Lower Upper

75 100

110 8.2 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.848 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045750.D

Acq: 11 Nov 2021 19:42

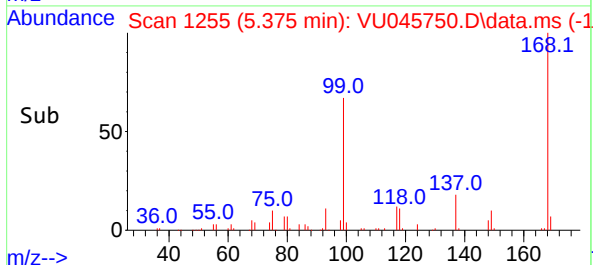
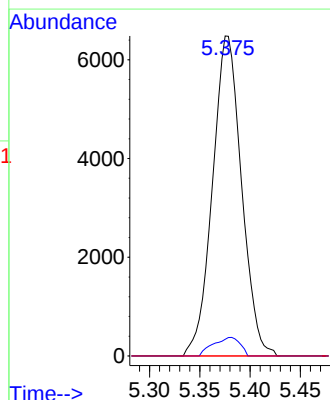
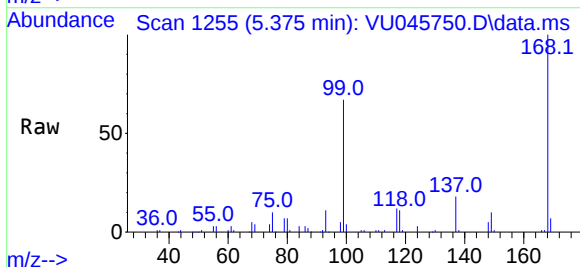
Tgt Ion: 117 Resp: 13024

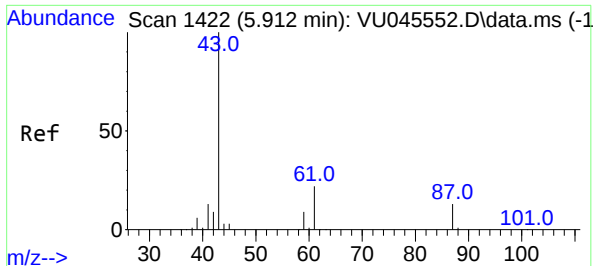
Ion Ratio Lower Upper

117 100

119 5.2 77.4 116.0#

121 0.0 24.8 37.2#

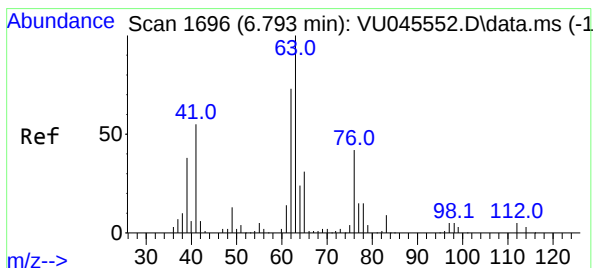
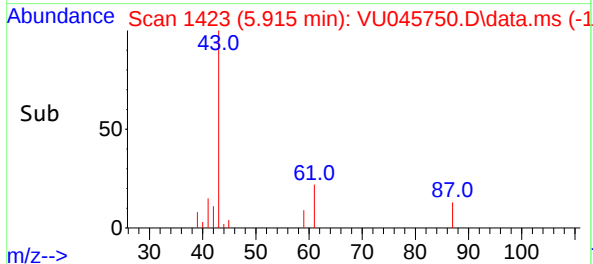
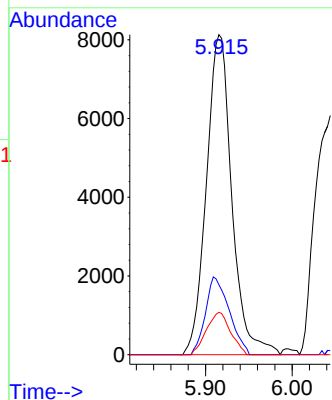
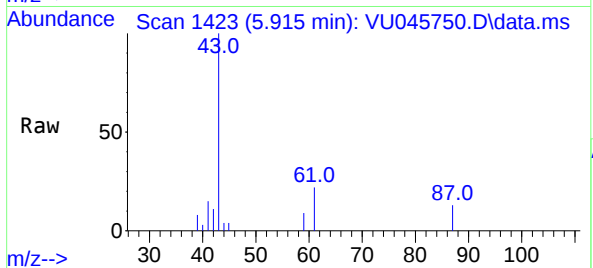




#43
Isopropyl Acetate
Concen: 4.274 ug/l
RT: 5.915 min Scan# 1422
Delta R.T. 0.003 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

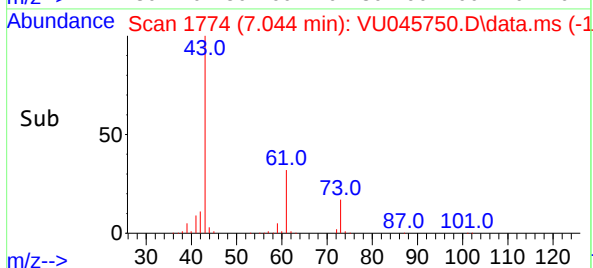
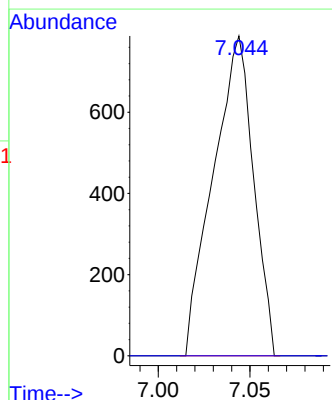
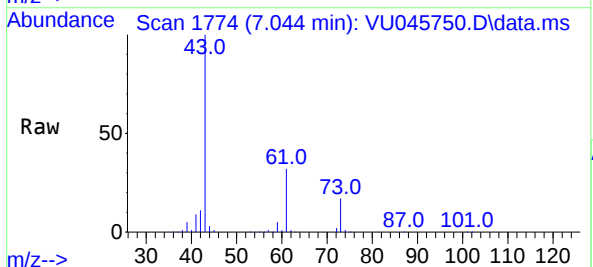
Instrument :
MSVOA_U
ClientSampleId :

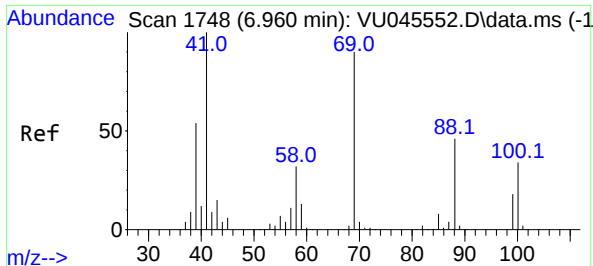
Tgt Ion: 43 Resp: 16588
Ion Ratio Lower Upper
43 100
61 22.7 16.9 25.3
87 12.5 11.0 16.4



#45
1,2-Dichloropropane
Concen: 0.695 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.251 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 63 Resp: 1202
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#





#48

Methyl methacrylate

Concen: 2.914 ug/l

RT: 6.893 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU045750.D

Acq: 11 Nov 2021 19:42

Instrument :

MSVOA_U

ClientSampleId :

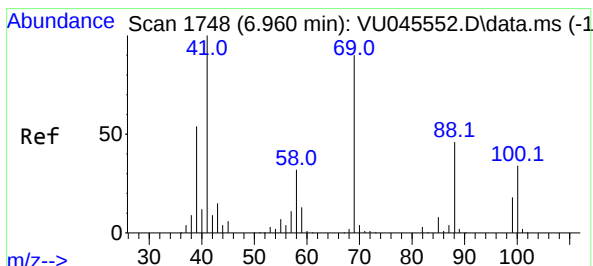
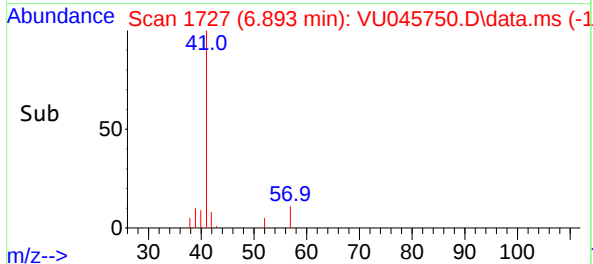
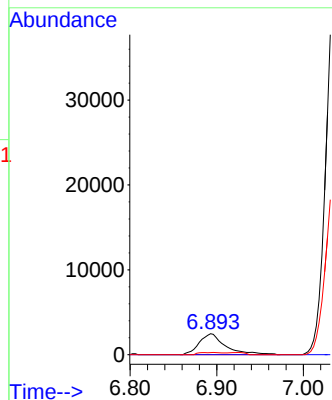
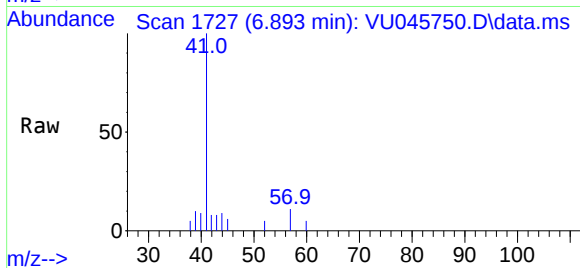
Tgt Ion: 41 Resp: 5206

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.2#

39 0.0 43.9 65.9#



#49

1,4-Dioxane

Concen: 1.654 ug/l

RT: 7.037 min Scan# 1772

Delta R.T. 0.077 min

Lab File: VU045750.D

Acq: 11 Nov 2021 19:42

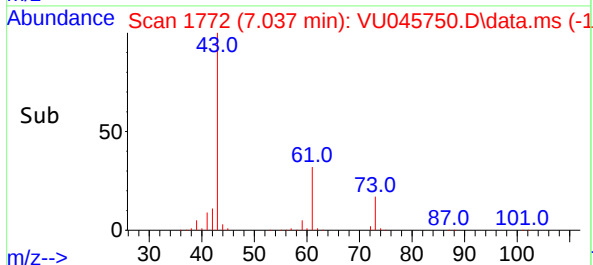
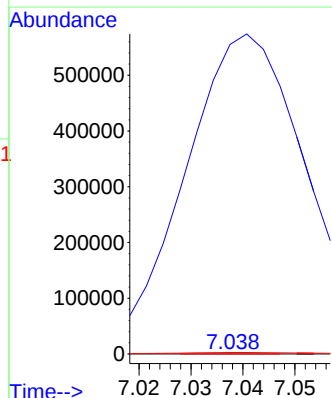
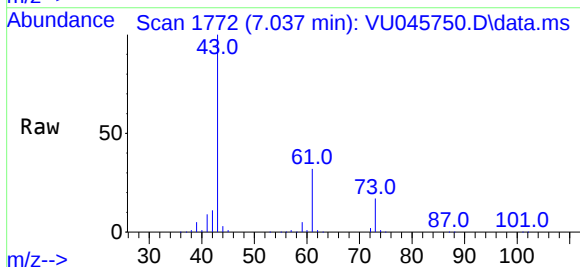
Tgt Ion: 88 Resp: 76

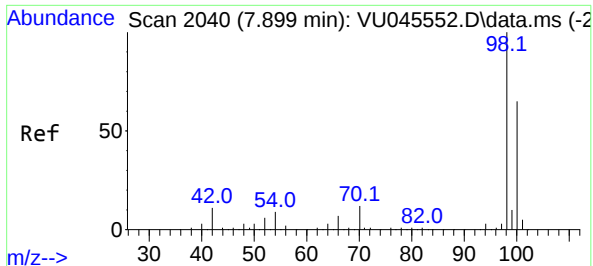
Ion Ratio Lower Upper

88 100

43 1299848.7 0.0 0.0#

58 6272.4 58.7 88.1#

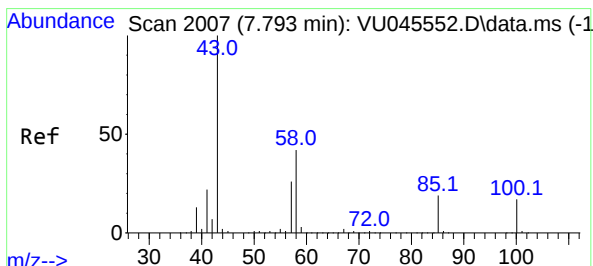
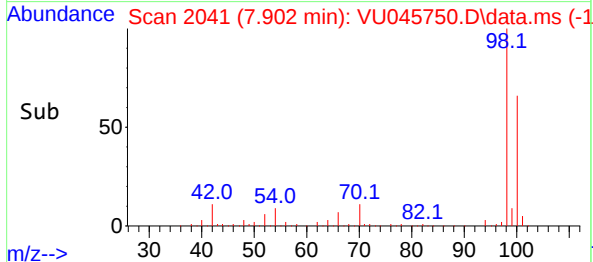
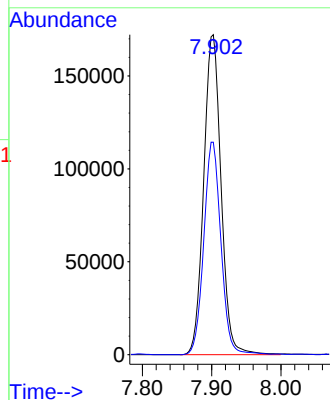
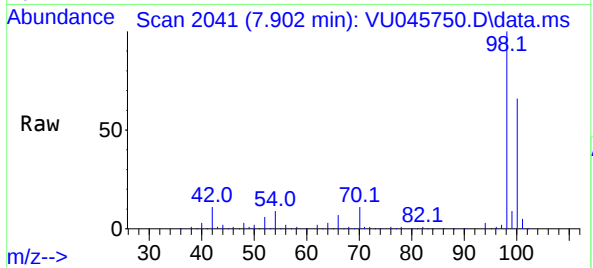




#50
Toluene-d8
Concen: 53.307 ug/l
RT: 7.902 min Scan# 2040
Delta R.T. 0.003 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

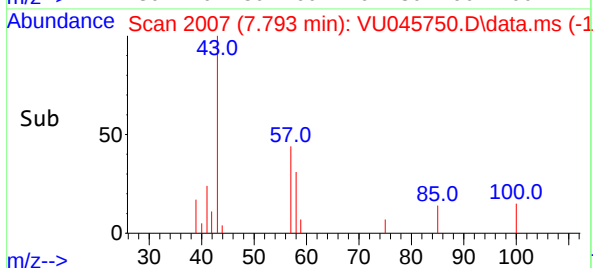
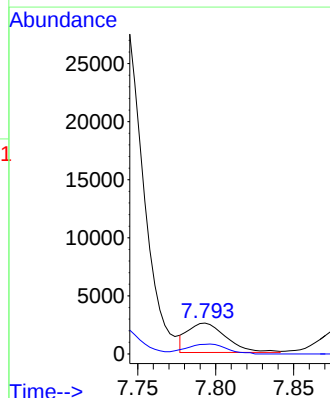
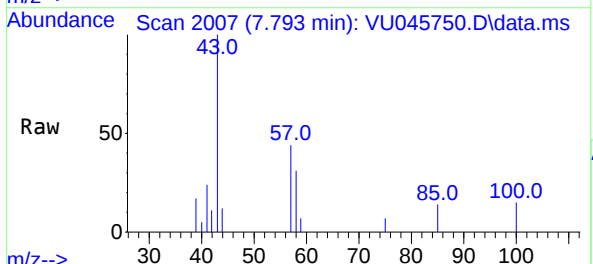
Instrument :
MSVOA_U
ClientSampleId :

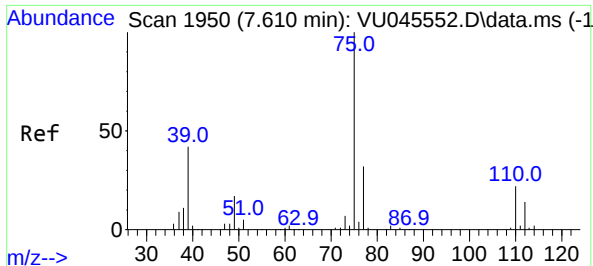
Tgt Ion: 98 Resp: 299838
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.692 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 43 Resp: 4331
Ion Ratio Lower Upper
43 100
58 35.0 33.8 50.8

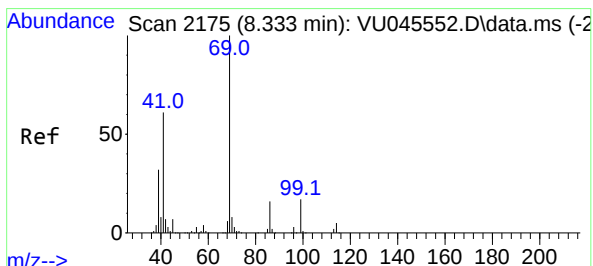
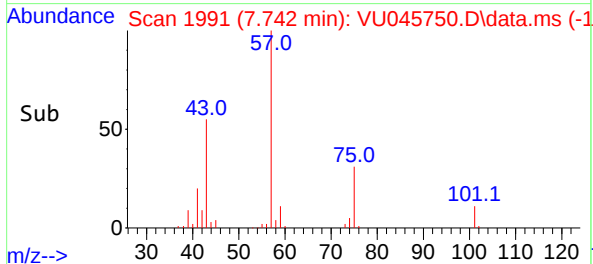
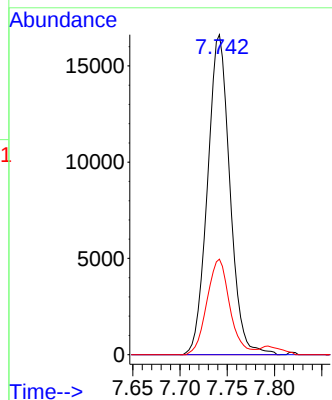
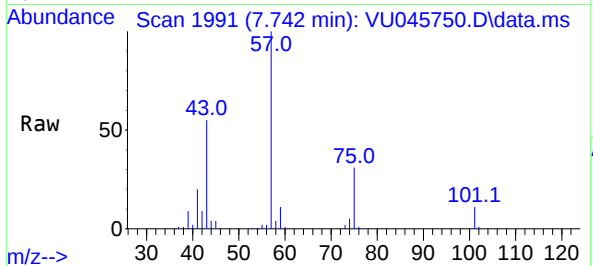




#54
 cis-1,3-Dichloropropene
 Concen: 9.850 ug/l
 RT: 7.742 min Scan# 1950
 Delta R.T. 0.132 min
 Lab File: VU045750.D
 Acq: 11 Nov 2021 19:42

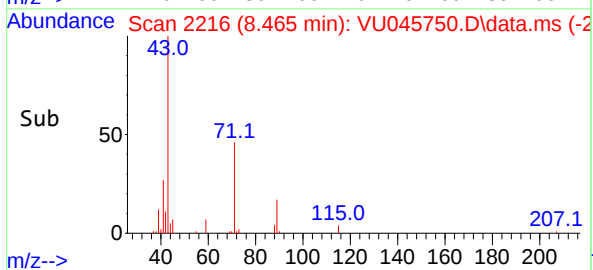
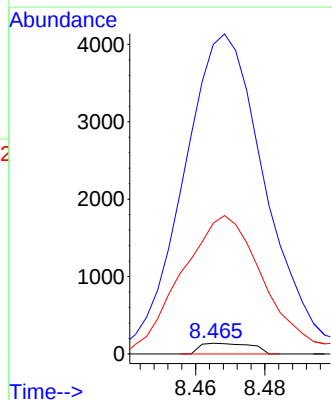
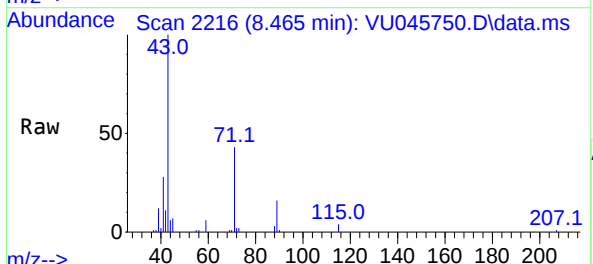
Instrument :
 MSVOA_U
 ClientSampleId :

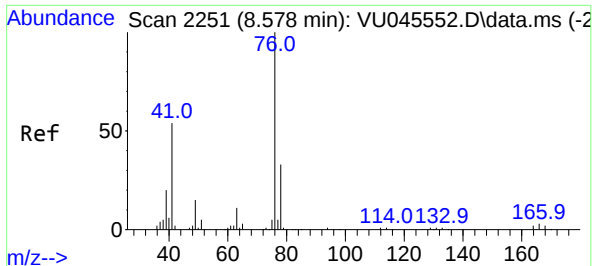
Tgt Ion: 75 Resp: 27358
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 37.0#
 39 29.8 37.1 55.7#



#56
 Ethyl methacrylate
 Concen: 2.470 ug/l
 RT: 8.465 min Scan# 2216
 Delta R.T. 0.132 min
 Lab File: VU045750.D
 Acq: 11 Nov 2021 19:42

Tgt Ion: 69 Resp: 143
 Ion Ratio Lower Upper
 69 100
 41 4914.7 51.0 76.4#
 39 2113.3 26.6 39.8#

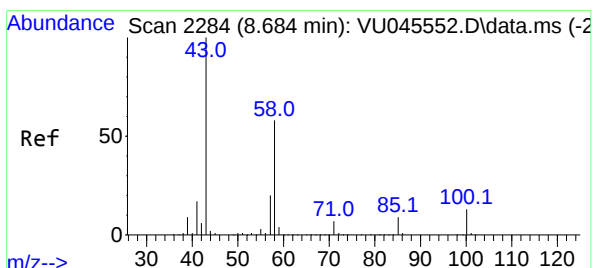
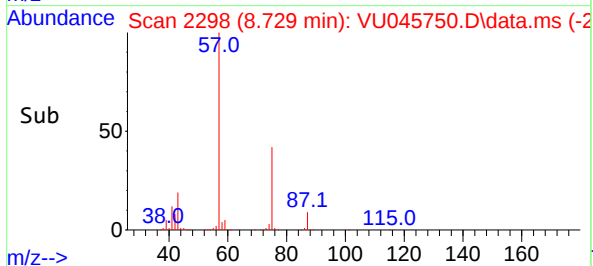
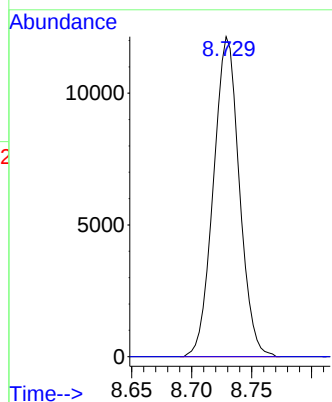
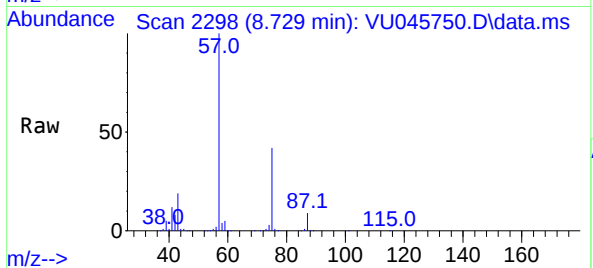




#57
1,3-Dichloropropane
Concen: 6.098 ug/l
RT: 8.729 min Scan# 21
Delta R.T. 0.151 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

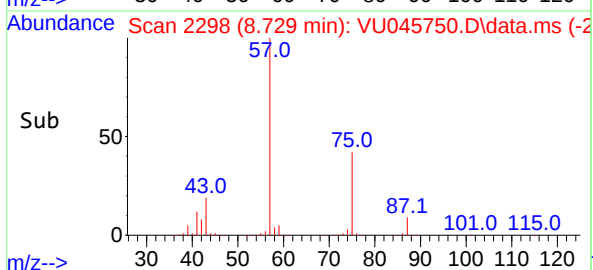
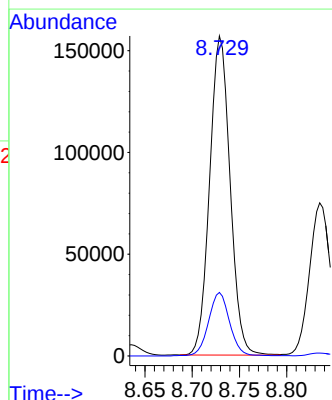
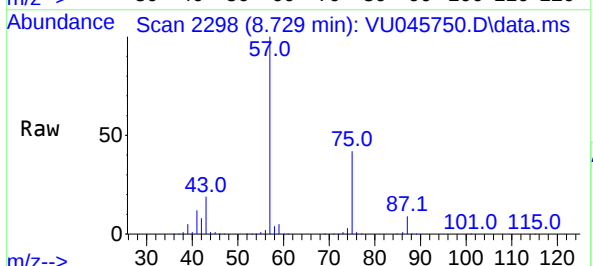
Instrument :
MSVOA_U
ClientSampleId :

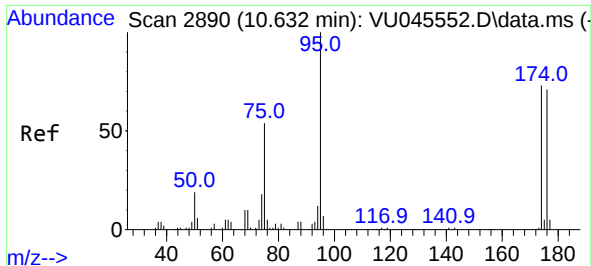
Tgt Ion: 76 Resp: 18226
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 110.221 ug/l
RT: 8.729 min Scan# 2298
Delta R.T. 0.045 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 43 Resp: 235886
Ion Ratio Lower Upper
43 100
58 20.7 29.5 88.6#

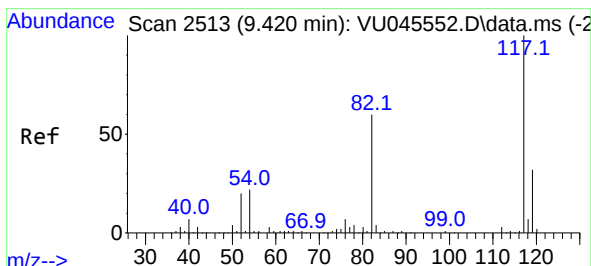
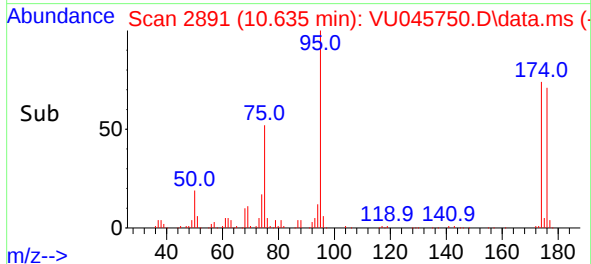
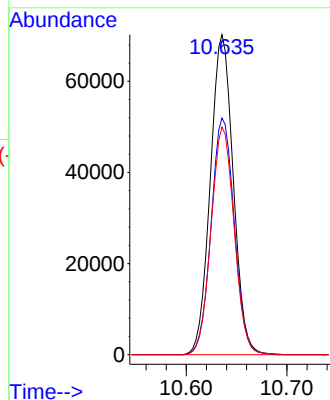
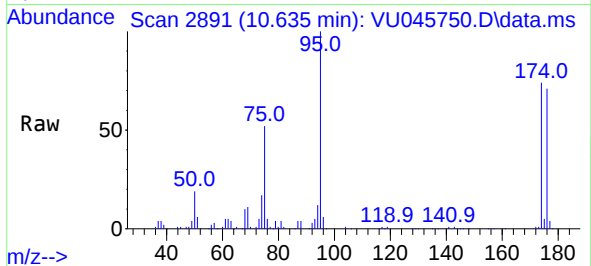




#62
4-Bromofluorobenzene
Concen: 49.244 ug/l
RT: 10.635 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

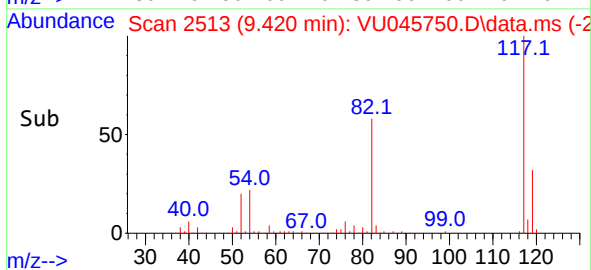
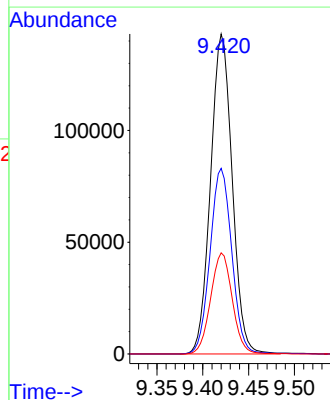
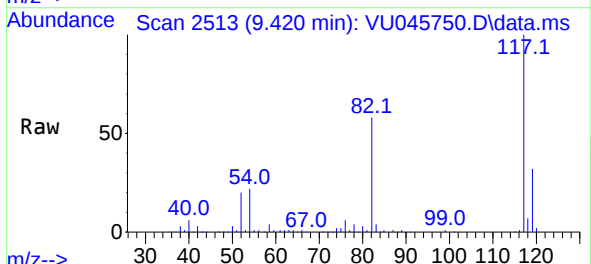
Instrument :
MSVOA_U
ClientSampleId :

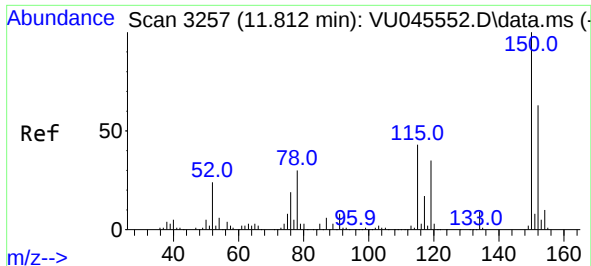
Tgt Ion: 95 Resp: 111068
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 71.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 117 Resp: 234661
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.8
119 31.6 25.8 38.8

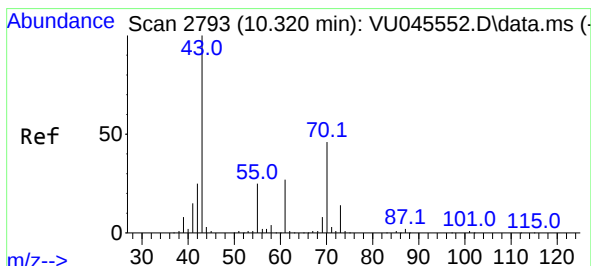
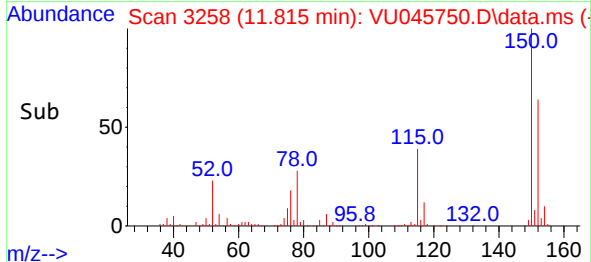
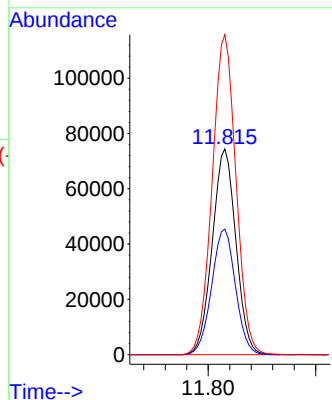
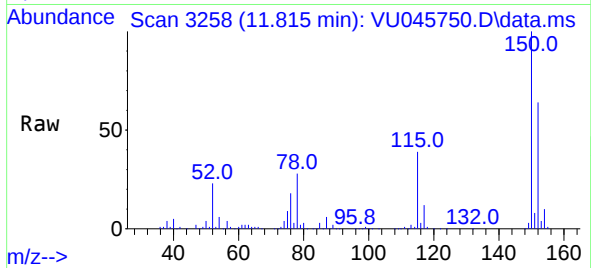




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

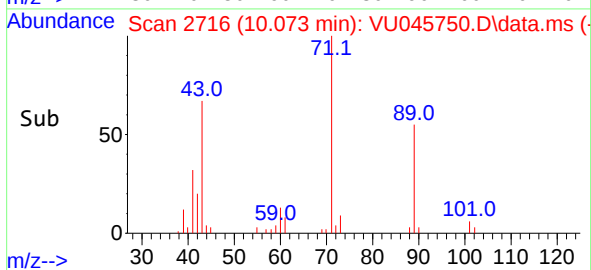
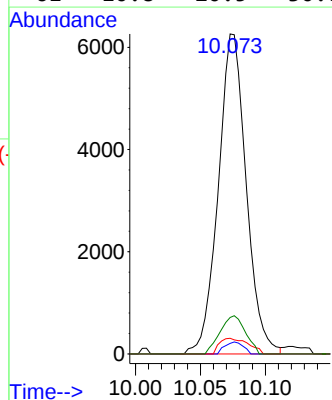
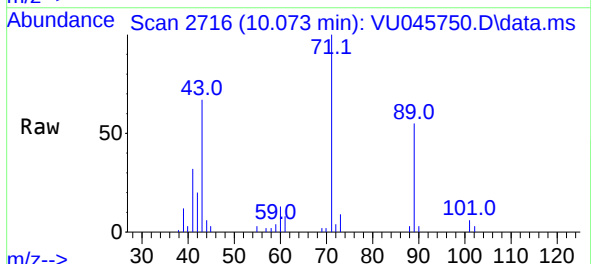
Instrument :
MSVOA_U
ClientSampleId :

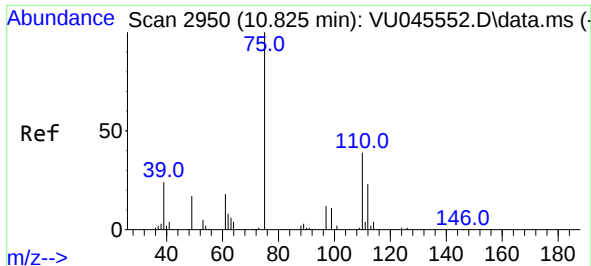
Tgt Ion:152 Resp: 113893
Ion Ratio Lower Upper
152 100
115 61.4 42.7 128.1
150 156.3 0.0 346.8



#74
N-ethyl acetate
Concen: 2.790 ug/l
RT: 10.073 min Scan# 2716
Delta R.T. -0.248 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 43 Resp: 9365
Ion Ratio Lower Upper
43 100
70 2.5 36.9 55.3#
55 5.0 20.6 31.0#
61 10.8 20.5 30.7#

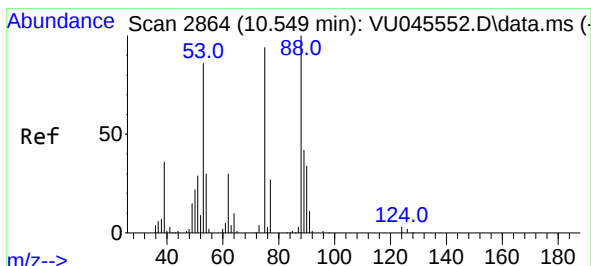
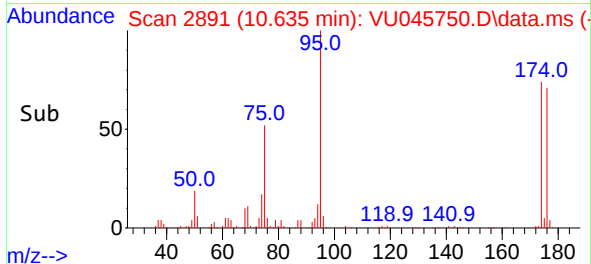
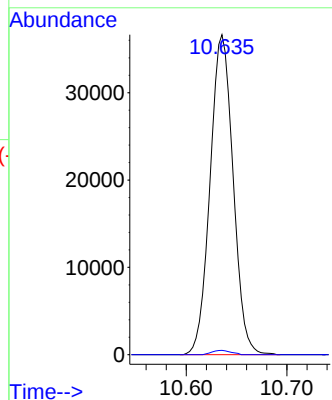
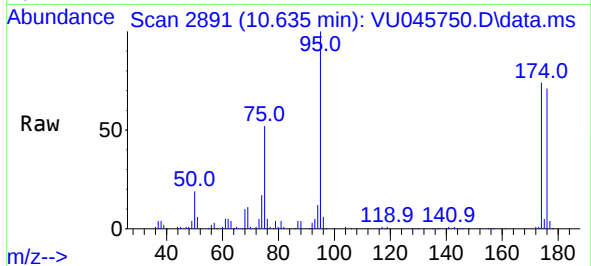




#76
1,2,3-Trichloropropane
Concen: 16.884 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

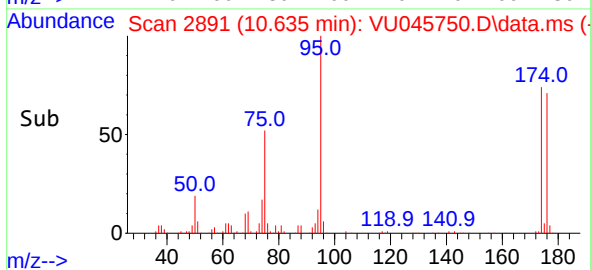
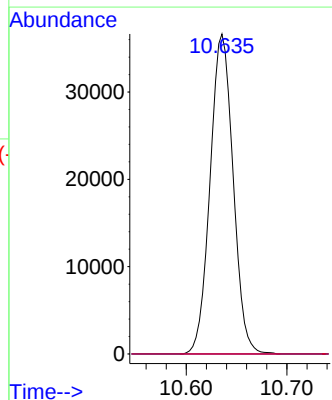
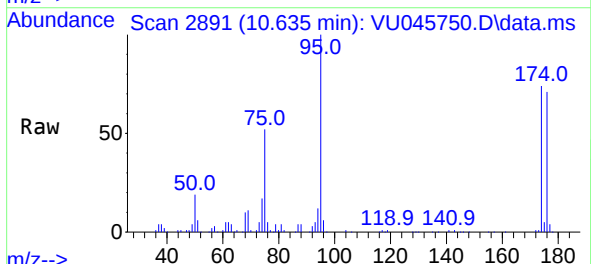
Instrument :
MSVOA_U
ClientSampleId :

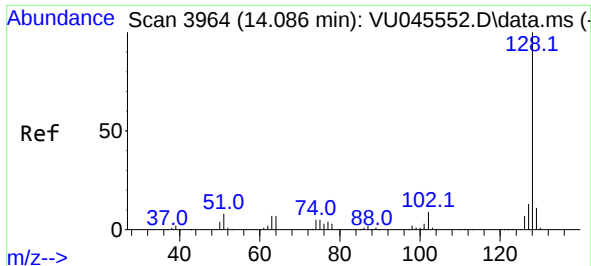
Tgt Ion: 75 Resp: 58314
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.992 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 75 Resp: 58314
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.046 ug/l

RT: 14.095 min Scan# 3967

Delta R.T. 0.009 min MSVOA_U

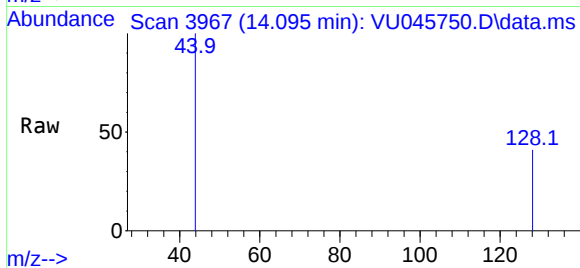
Lab File: VU045750.D

Acq: 11 Nov 2021 19:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 160

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

