

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045770.D
 Acq On : 12 Nov 2021 15:34
 Operator : SY/MD
 Sample : M4668-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:20:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

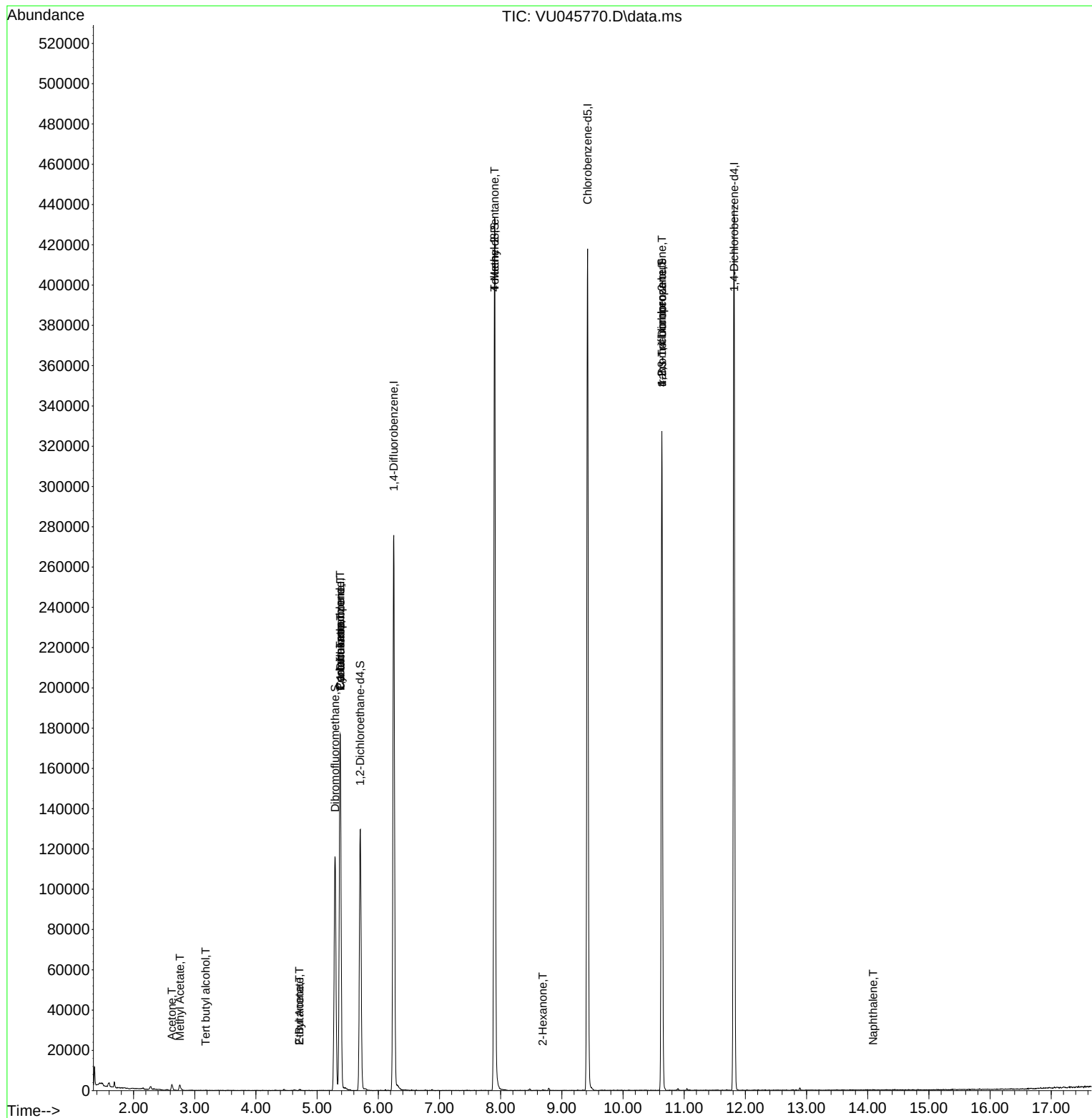
Internal Standards						
1) Pentafluorobenzene	5.379	168	117286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	216910	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	225354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	112703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	95534	54.389	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.780%	
35) Dibromofluoromethane	5.292	113	75167	51.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.800%	
50) Toluene-d8	7.903	98	286060	53.121	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	10.636	95	107707	49.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.179	59	96	0.276	ug/l #	72
16) Acetone	2.626	43	3442	3.850	ug/l	89
18) Methyl Acetate	2.758	43	823	0.270	ug/l #	50
25) 2-Butanone	4.710	43	822	0.663	ug/l	97
31) Cyclohexane	5.379	56	2661	1.038	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	10363	4.900	ug/l #	49
37) Ethyl Acetate	4.710	43	822	0.338	ug/l #	67
38) Carbon Tetrachloride	5.375	117	12641	5.928	ug/l #	15
51) 4-Methyl-2-Pentanone	7.899	43	1126	0.459	ug/l #	1
59) 2-Hexanone	8.687	43	171	7.613	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	57008	16.680	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	57008	54.364	ug/l #	12
95) Naphthalene	14.089	128	142	1.044	ug/l #	69

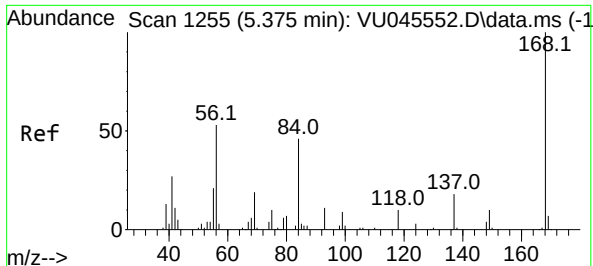
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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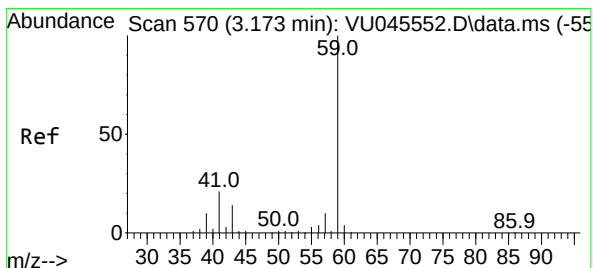
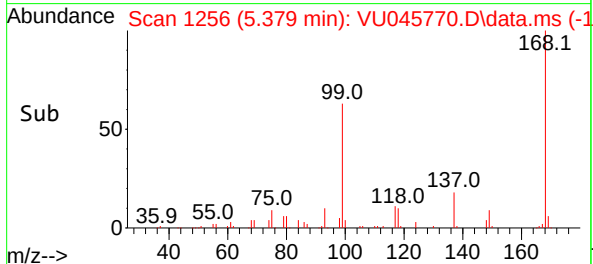
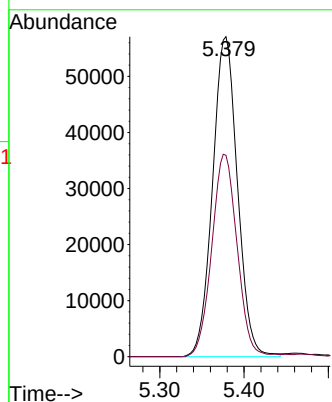
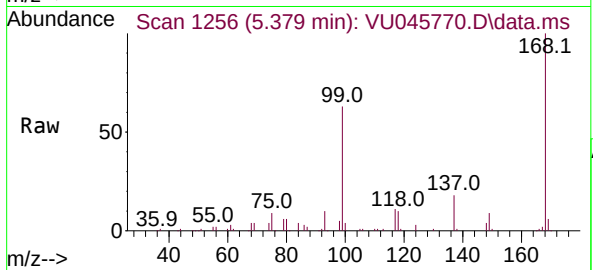




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045770.D
Acq: 12 Nov 2021 15:34

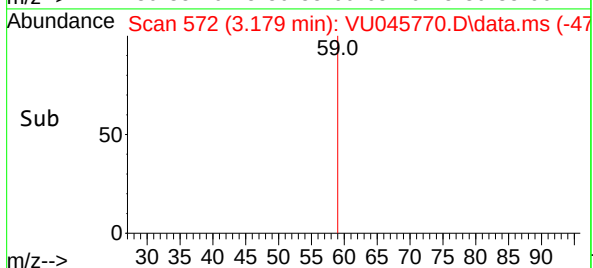
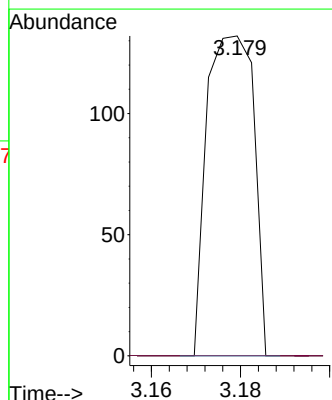
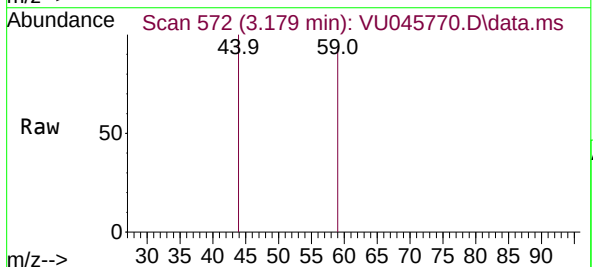
Instrument :
MSVOA_U
ClientSampleId :

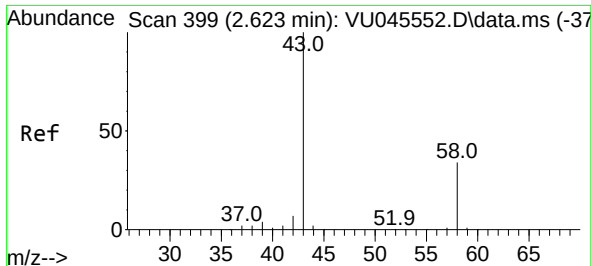
Tgt Ion:168 Resp: 117286
Ion Ratio Lower Upper
168 100
99 62.9 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.276 ug/l
RT: 3.179 min Scan# 572
Delta R.T. 0.006 min
Lab File: VU045770.D
Acq: 12 Nov 2021 15:34

Tgt Ion: 59 Resp: 96
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 3.850 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045770.D

Acq: 12 Nov 2021 15:34

Instrument :

MSVOA_U

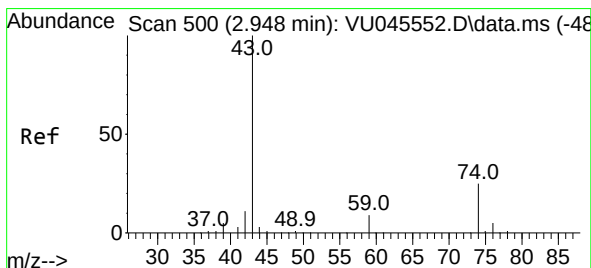
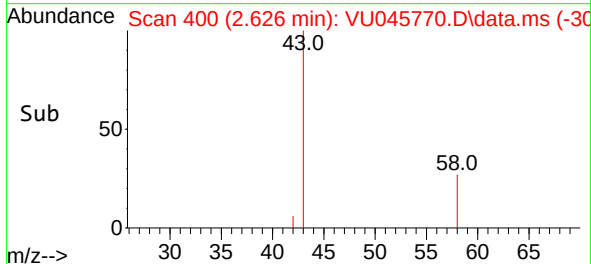
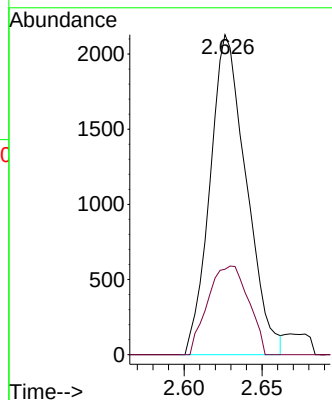
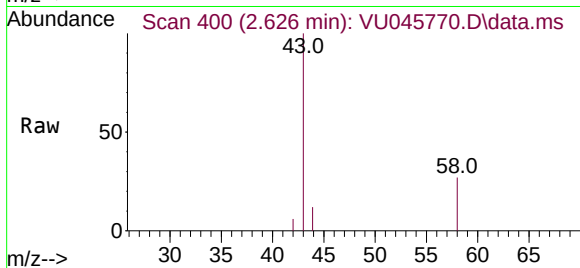
ClientSampleId :

Tgt Ion: 43 Resp: 3442

Ion Ratio Lower Upper

43 100

58 26.7 26.2 39.2



#18

Methyl Acetate

Concen: 0.270 ug/l

RT: 2.758 min Scan# 441

Delta R.T. -0.190 min

Lab File: VU045770.D

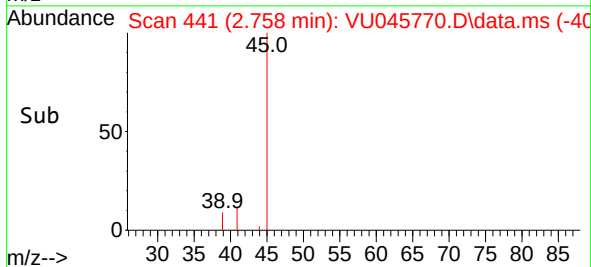
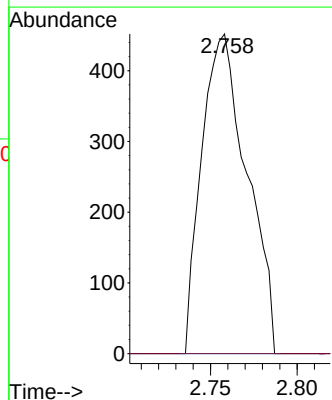
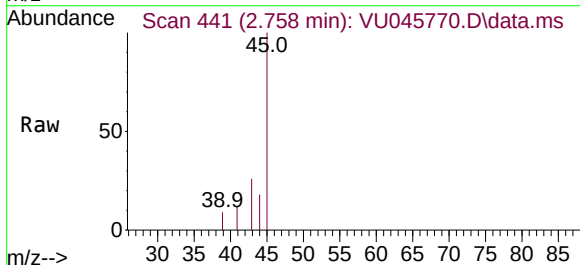
Acq: 12 Nov 2021 15:34

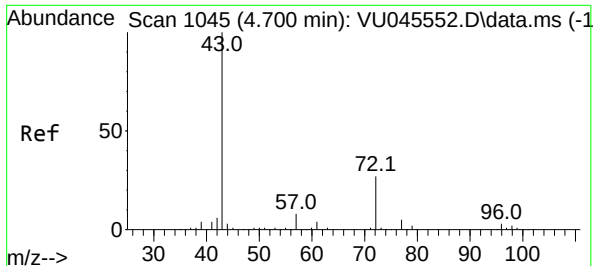
Tgt Ion: 43 Resp: 823

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#





#25

2-Butanone

Concen: 0.663 ug/l

RT: 4.710 min Scan# 1045

Delta R.T. 0.010 min

Lab File: VU045770.D

Acq: 12 Nov 2021 15:34

Instrument :

MSVOA_U

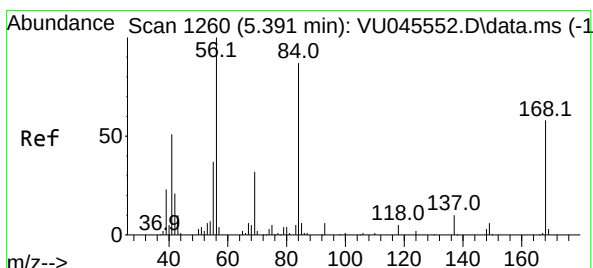
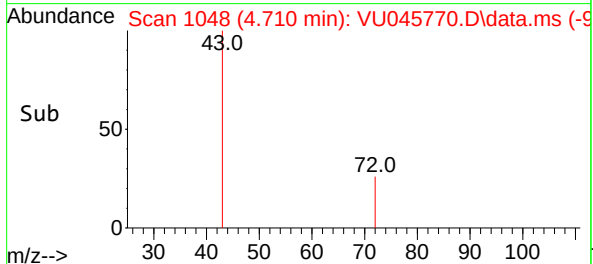
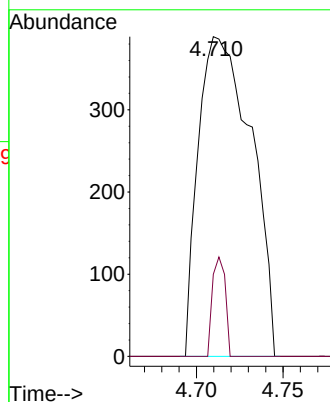
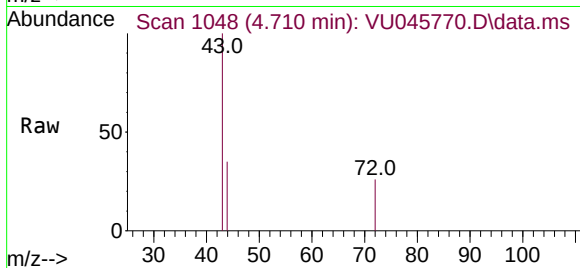
ClientSampleId :

Tgt Ion: 43 Resp: 822

Ion Ratio Lower Upper

43 100

72 25.7 22.0 33.0



#31

Cyclohexane

Concen: 1.038 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.013 min

Lab File: VU045770.D

Acq: 12 Nov 2021 15:34

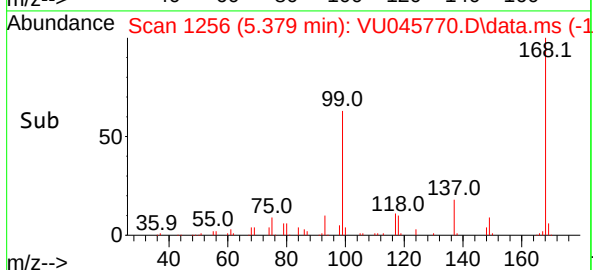
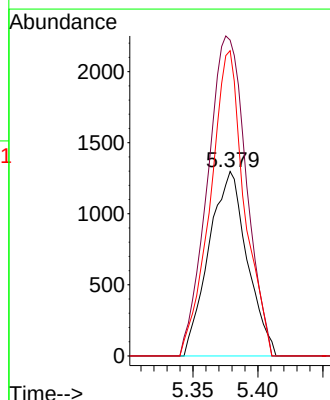
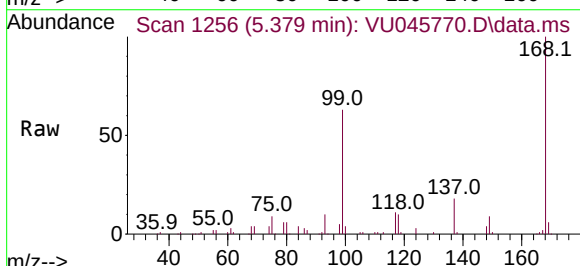
Tgt Ion: 56 Resp: 2661

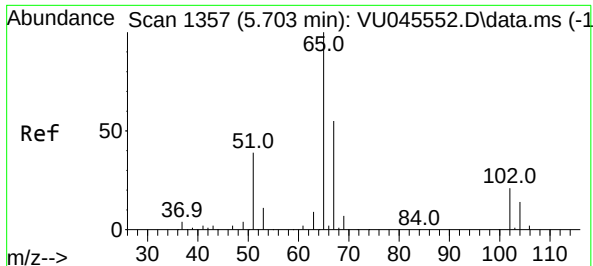
Ion Ratio Lower Upper

56 100

69 171.3 26.4 39.6#

84 165.6 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.389 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045770.D

Acq: 12 Nov 2021 15:34

Instrument :

MSVOA_U

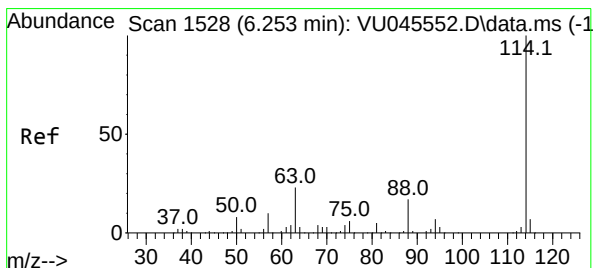
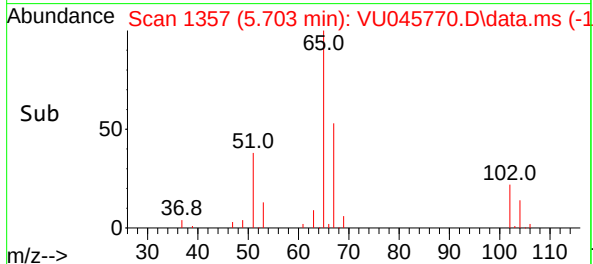
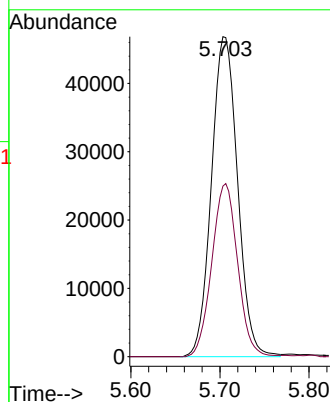
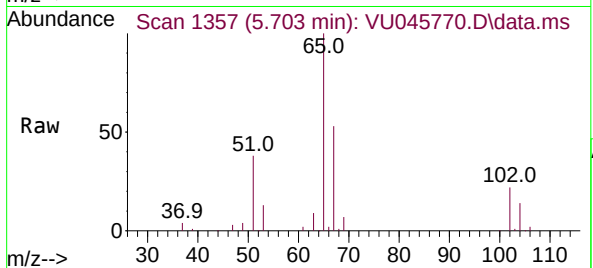
ClientSampleId :

Tgt Ion: 65 Resp: 95534

Ion Ratio Lower Upper

65 100

67 53.5 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: VU045770.D

Acq: 12 Nov 2021 15:34

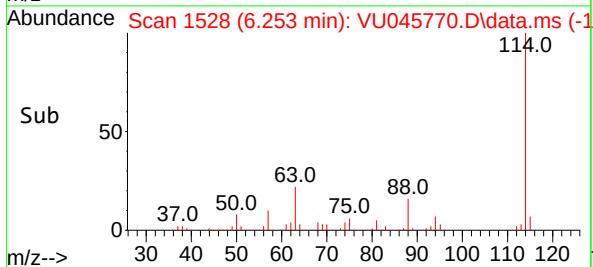
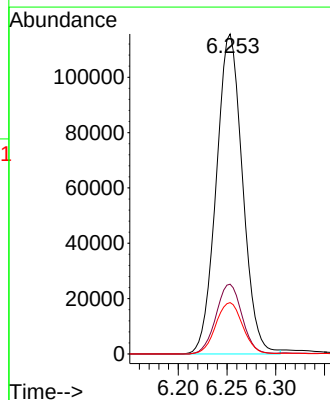
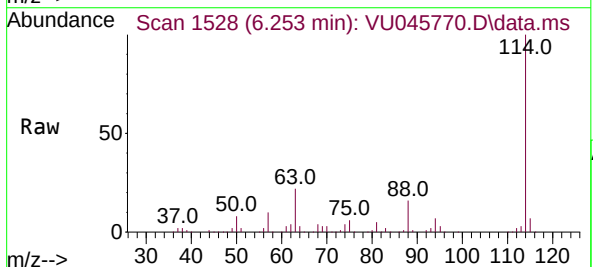
Tgt Ion: 114 Resp: 216910

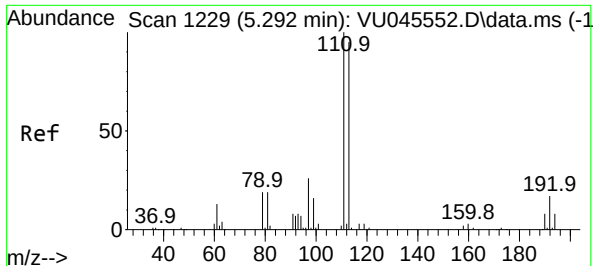
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.6

88 16.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.904 ug/l

RT: 5.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045770.D

Acq: 12 Nov 2021 15:34

Instrument :

MSVOA_U

ClientSampleId :

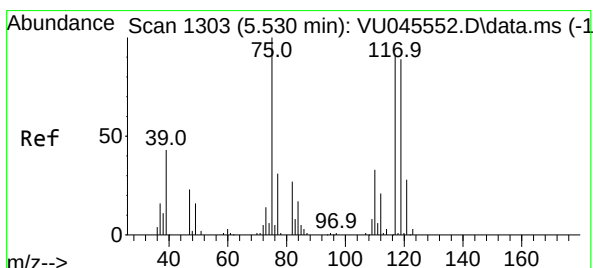
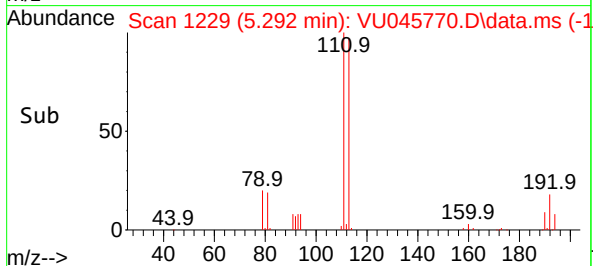
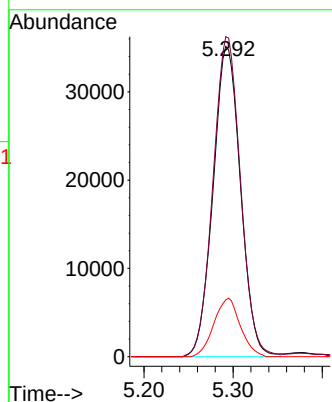
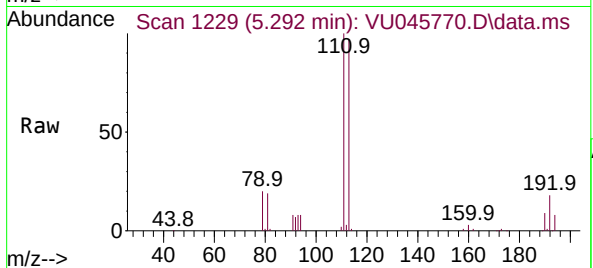
Tgt Ion:113 Resp: 75167

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.900 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045770.D

Acq: 12 Nov 2021 15:34

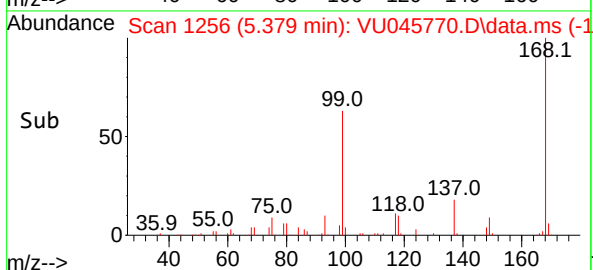
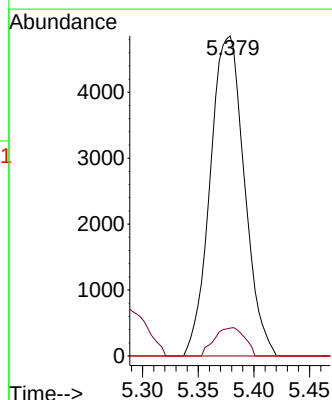
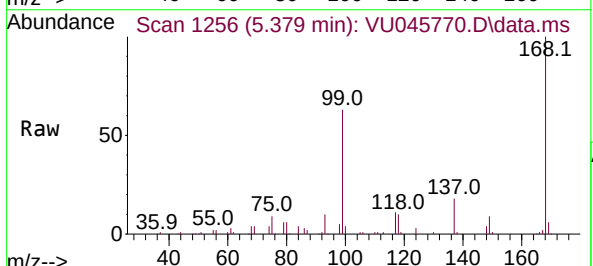
Tgt Ion: 75 Resp: 10363

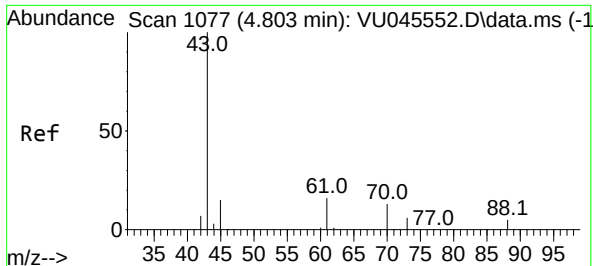
Ion Ratio Lower Upper

75 100

110 7.8 16.7 50.0#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.338 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. -0.093 min

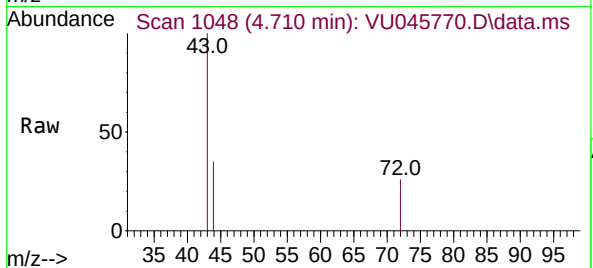
Lab File: VU045770.D

Acq: 12 Nov 2021 15:34

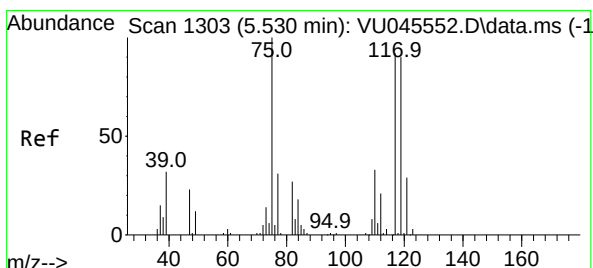
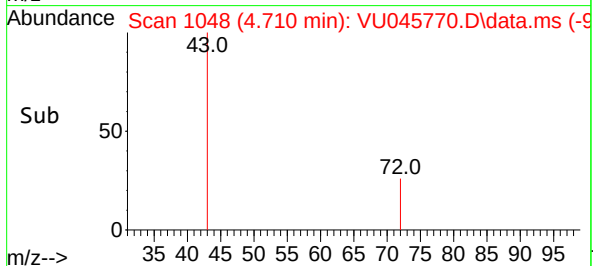
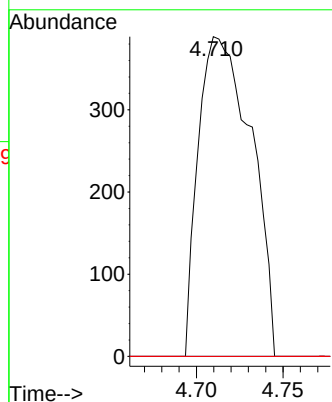
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	43	Resp:	822
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	9.1	13.7#



#38

Carbon Tetrachloride

Concen: 5.928 ug/l

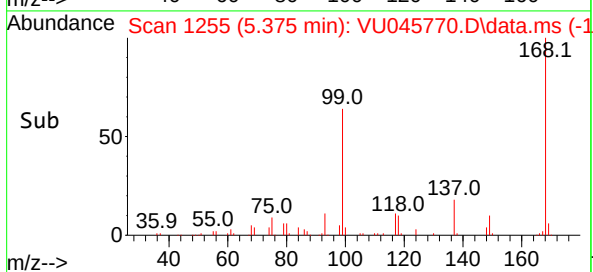
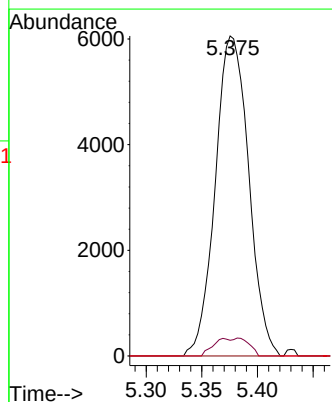
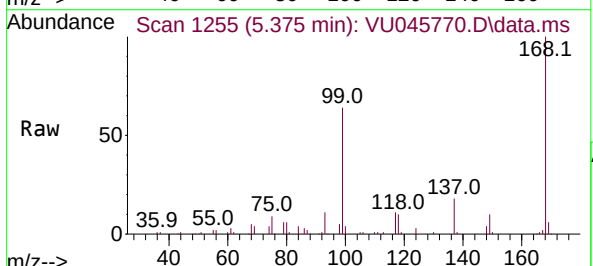
RT: 5.375 min Scan# 1255

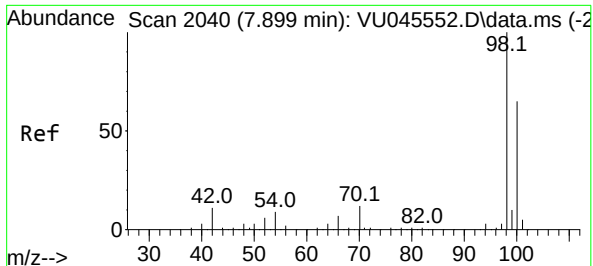
Delta R.T. -0.154 min

Lab File: VU045770.D

Acq: 12 Nov 2021 15:34

Tgt Ion:	117	Resp:	12641
Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.0#
121	0.0	24.8	37.2#

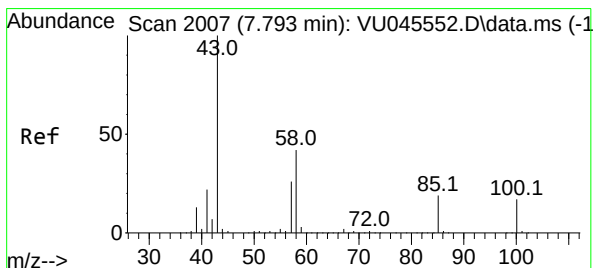
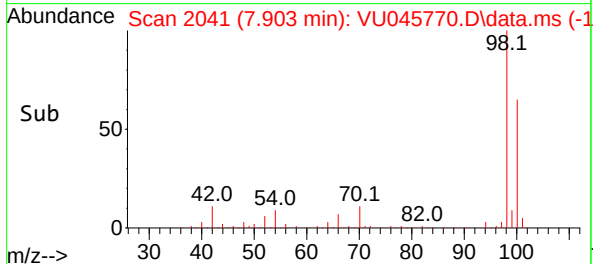
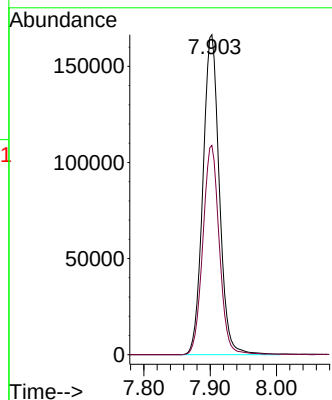
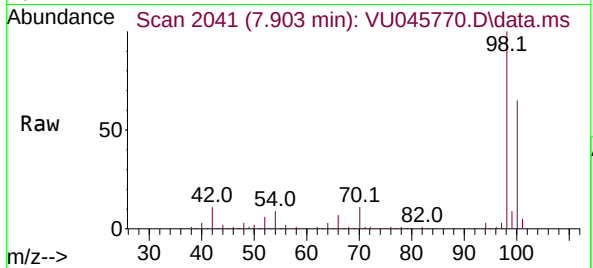




#50
Toluene-d8
Concen: 53.121 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045770.D
Acq: 12 Nov 2021 15:34

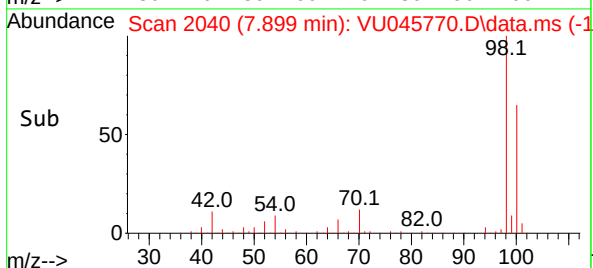
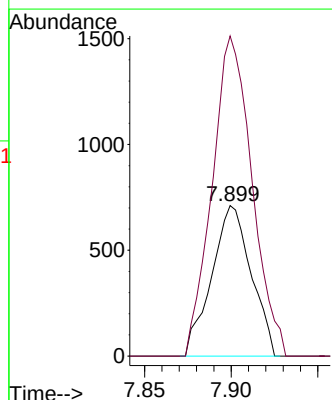
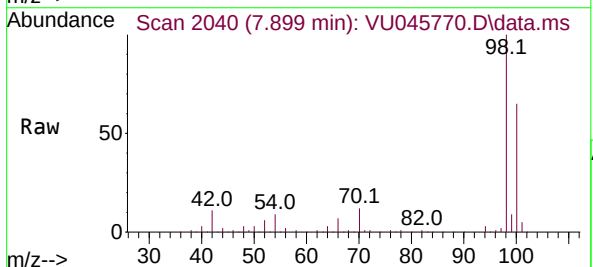
Instrument :
MSVOA_U
ClientSampleId :

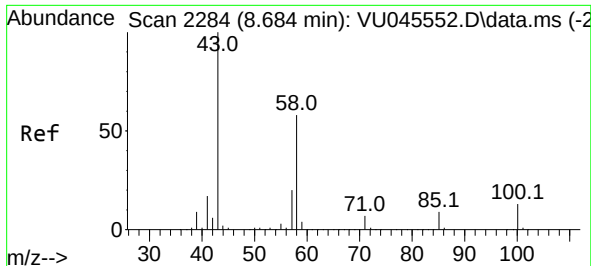
Tgt Ion: 98 Resp: 286060
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.459 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045770.D
Acq: 12 Nov 2021 15:34

Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 215.1 33.8 50.8#





#59

2-Hexanone

Concen: 7.613 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045770.D

Acq: 12 Nov 2021 15:34

Instrument :

MSVOA_U

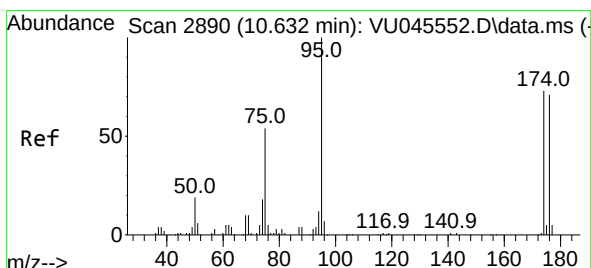
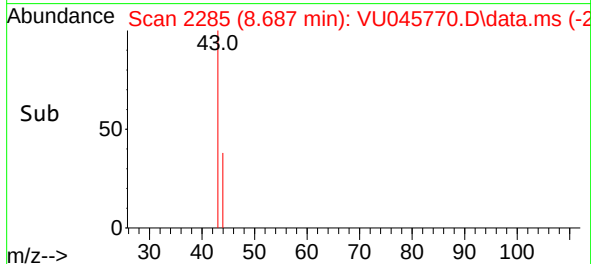
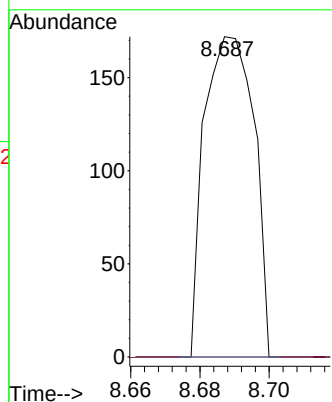
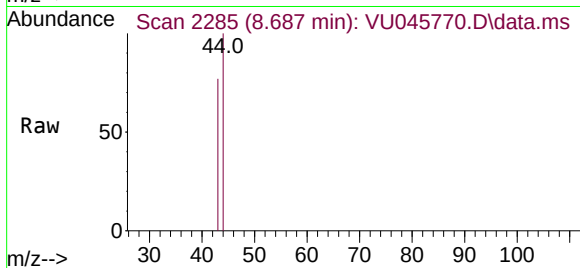
ClientSampleId :

Tgt Ion: 43 Resp: 171

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 49.878 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045770.D

Acq: 12 Nov 2021 15:34

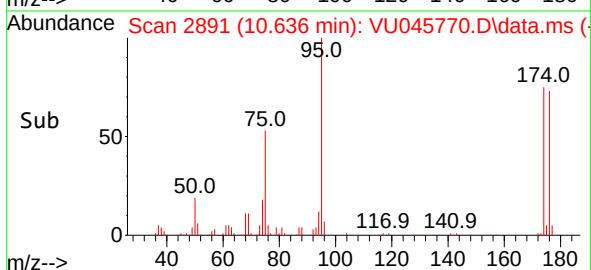
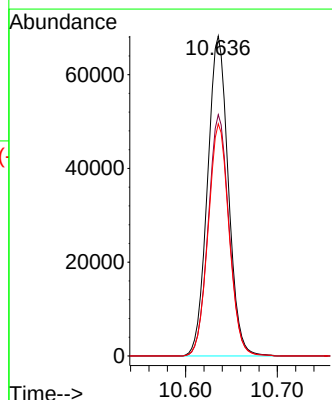
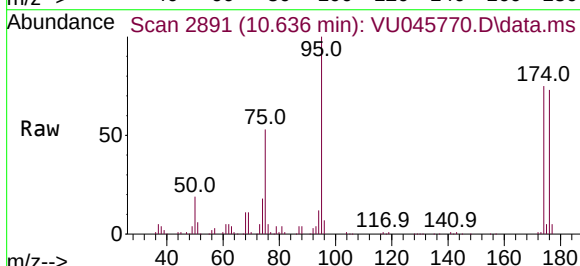
Tgt Ion: 95 Resp: 107707

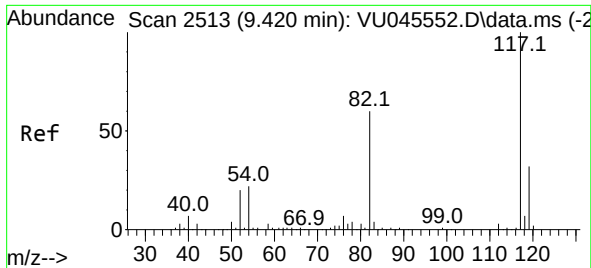
Ion Ratio Lower Upper

95 100

174 75.5 0.0 141.8

176 72.8 0.0 138.2

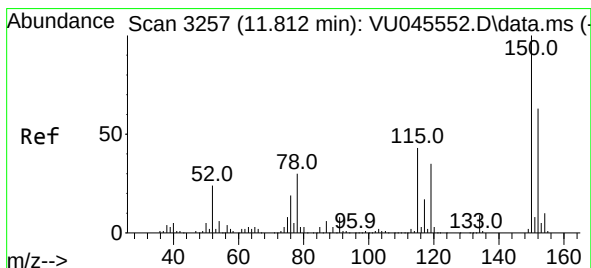
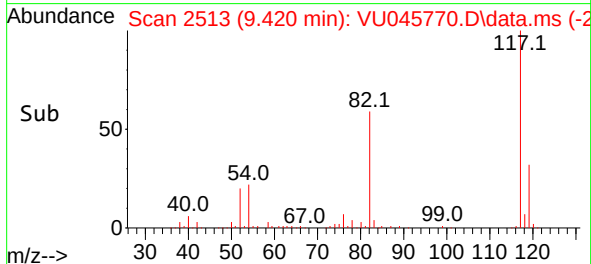
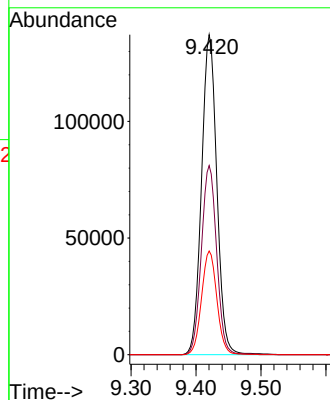
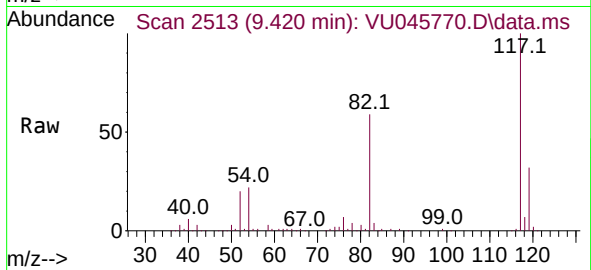




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045770.D
Acq: 12 Nov 2021 15:34

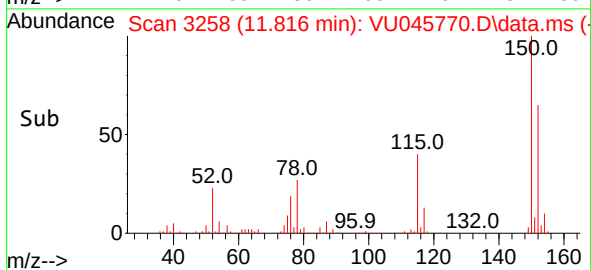
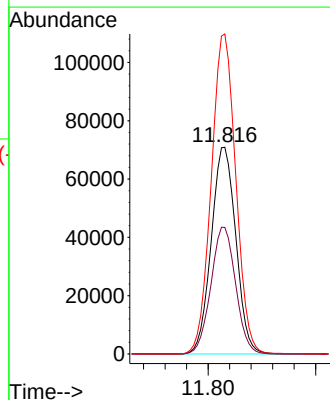
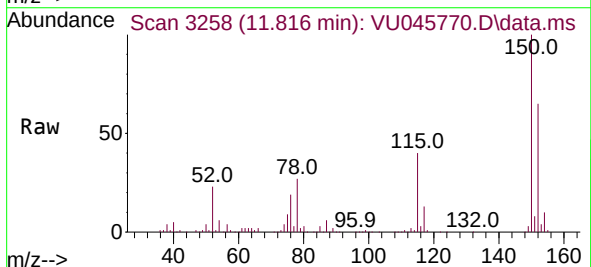
Instrument :
MSVOA_U
ClientSampleId :

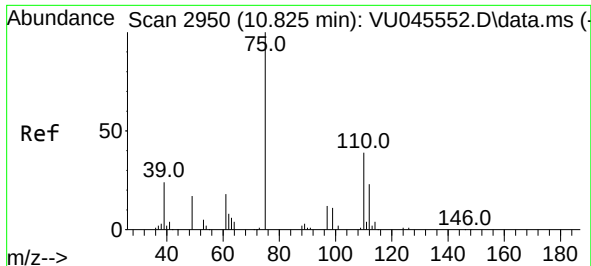
Tgt Ion:117 Resp: 225354
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045770.D
Acq: 12 Nov 2021 15:34

Tgt Ion:152 Resp: 112703
Ion Ratio Lower Upper
152 100
115 61.5 42.7 128.1
150 154.3 0.0 346.8

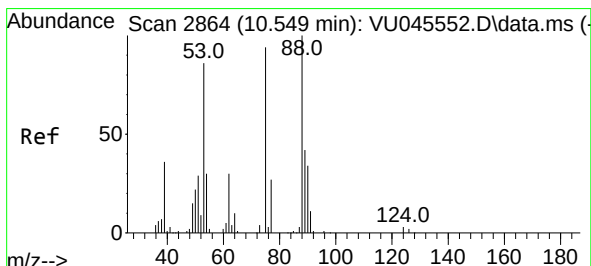
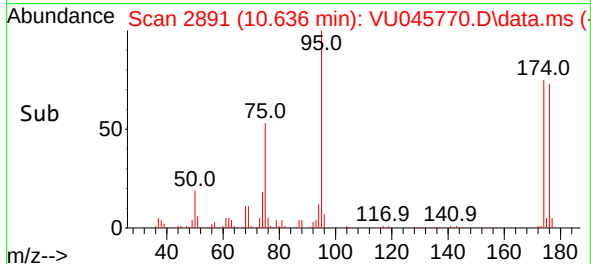
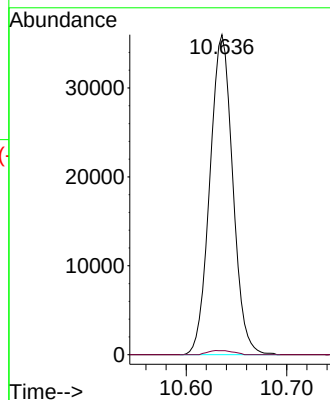
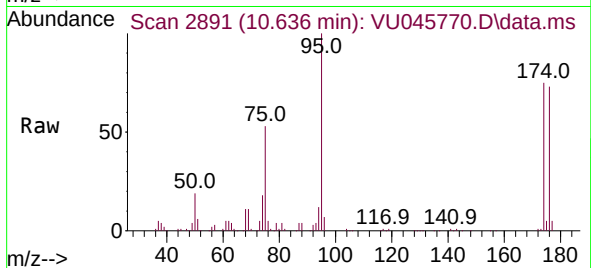




#76
1,2,3-Trichloropropane
Concen: 16.680 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045770.D
Acq: 12 Nov 2021 15:34

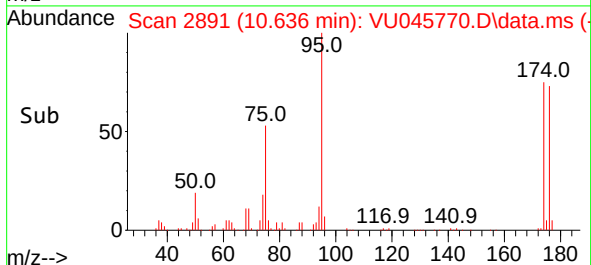
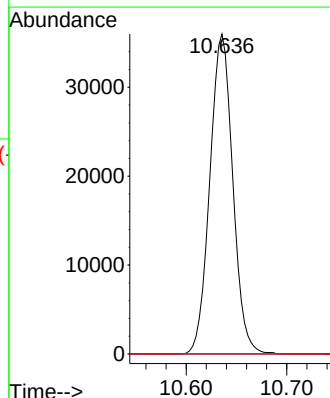
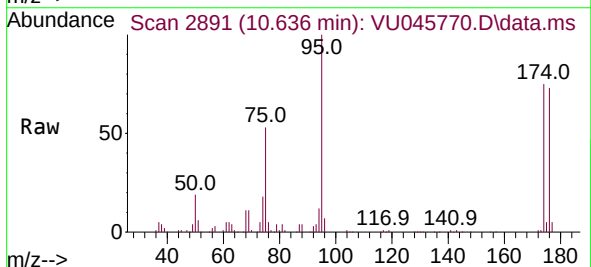
Instrument :
MSVOA_U
ClientSampleId :

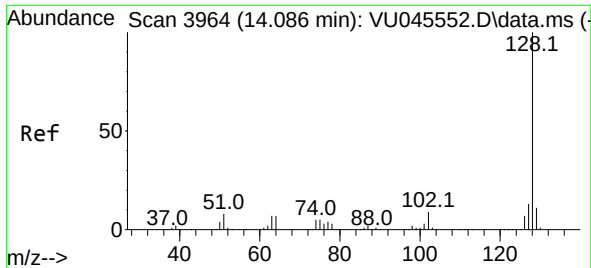
Tgt Ion: 75 Resp: 57008
Ion Ratio Lower Upper
75 100
77 1.4 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.364 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045770.D
Acq: 12 Nov 2021 15:34

Tgt Ion: 75 Resp: 57008
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.044 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

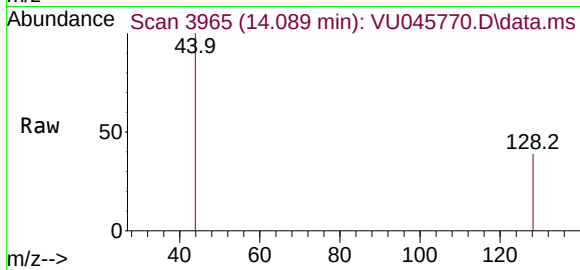
Lab File: VU045770.D

Acq: 12 Nov 2021 15:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 142

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

