

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045734.D
 Acq On : 11 Nov 2021 13:31
 Operator : SY/MD
 Sample : M4608-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SY-3DD-20211109

Quant Time: Nov 12 06:07:34 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)

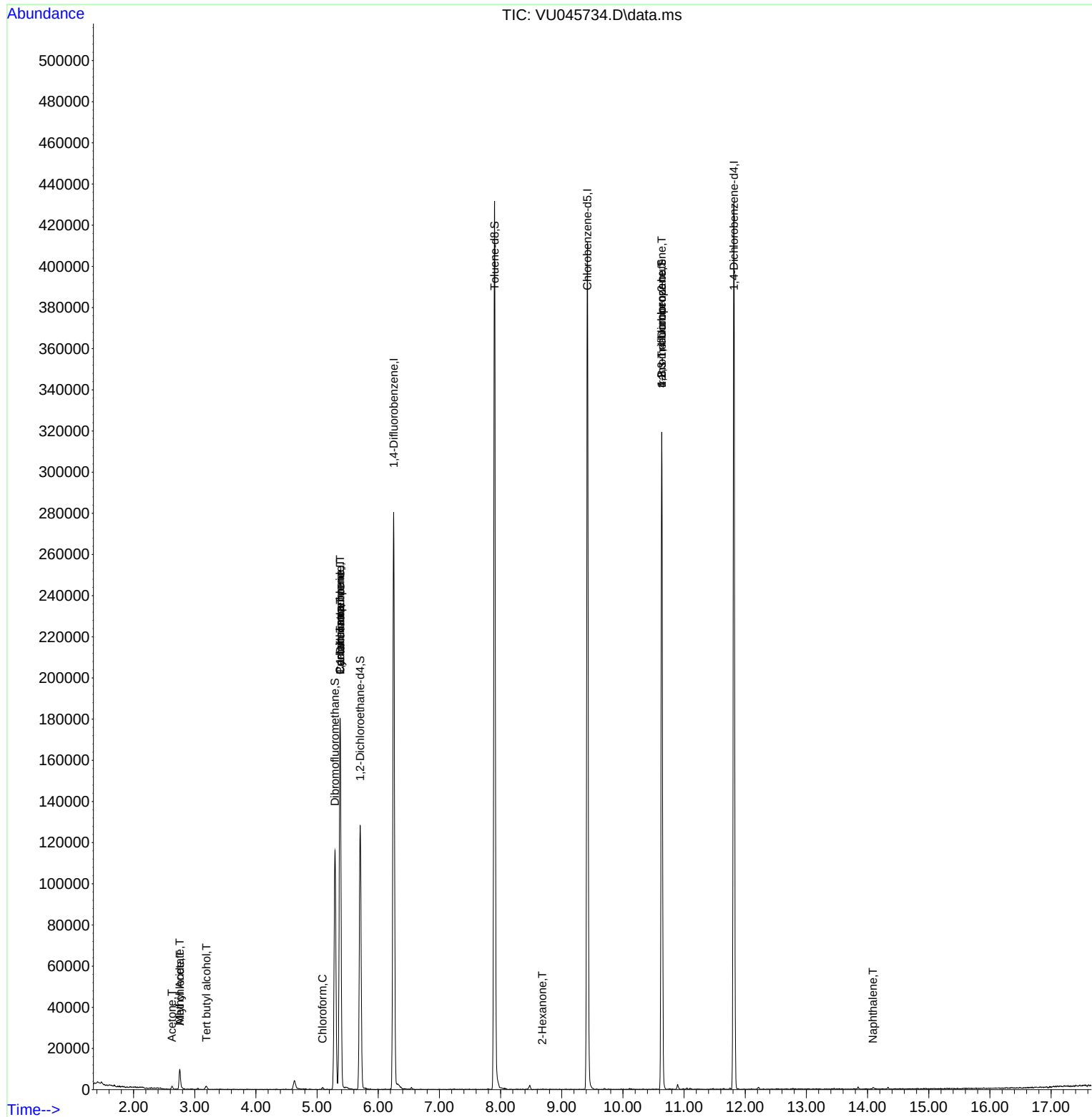
Internal Standards						
1) Pentafluorobenzene	5.378	168	118402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	219462	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	223226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	108335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	95659	53.947	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.900%			
35) Dibromofluoromethane	5.292	113	74700	50.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	7.902	98	288617	52.972	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.940%			
62) 4-Bromofluorobenzene	10.635	95	106621	48.801	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.600%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.189	59	1025	2.920	ug/l #	72
14) Allyl chloride	2.758	41	885	0.380	ug/l #	64
16) Acetone	2.626	43	1703	1.887	ug/l	91
18) Methyl Acetate	2.755	43	2761	0.898	ug/l #	50
30) Chloroform	5.089	83	901	0.335	ug/l	87
31) Cyclohexane	5.375	56	2710	1.047	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10729	5.014	ug/l #	48
38) Carbon Tetrachloride	5.375	117	13549	6.280	ug/l #	16
59) 2-Hexanone	8.684	43	246	7.645	ug/l #	21
76) 1,2,3-Trichloropropane	10.635	75	55404	16.864	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	55404	54.931	ug/l #	12
95) Naphthalene	14.089	128	1169	1.159	ug/l #	76

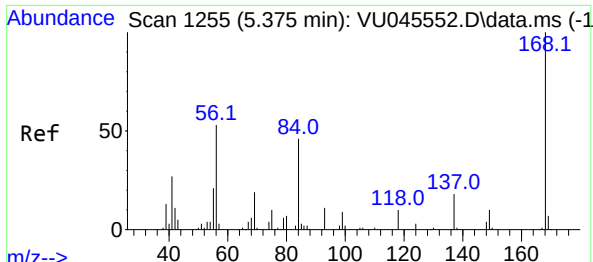
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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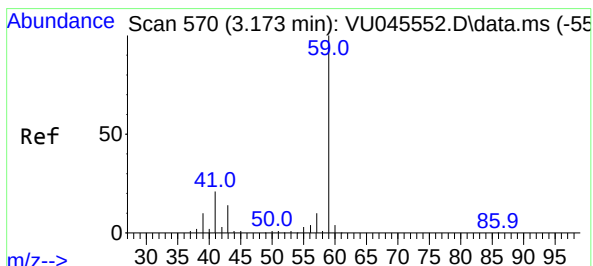
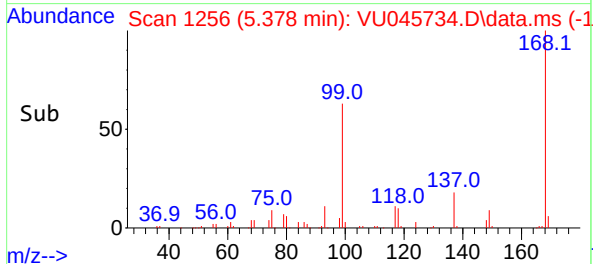
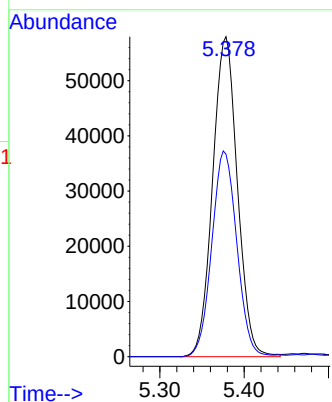
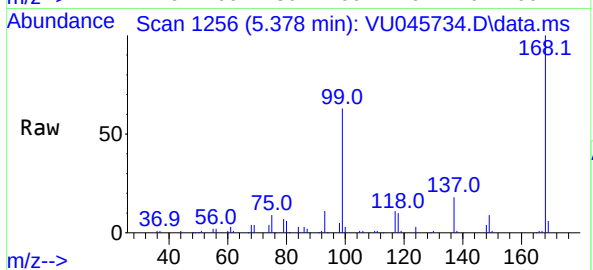




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

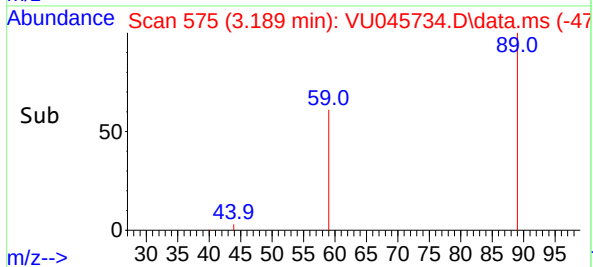
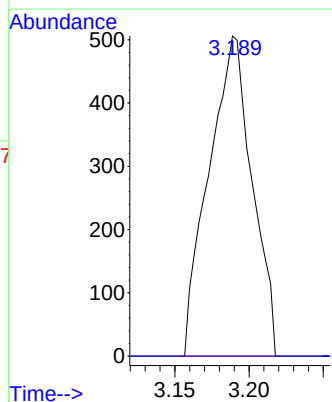
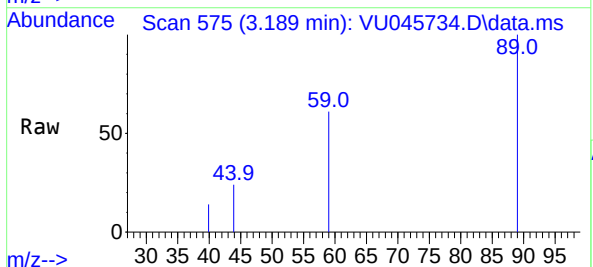
Instrument :
MSVOA_U
ClientSampleId :
SY-3DD-20211109

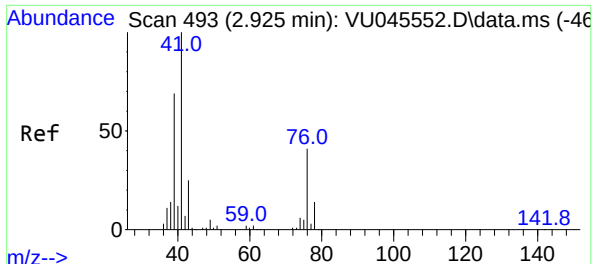
Tgt Ion:168 Resp: 118402
Ion Ratio Lower Upper
168 100
99 63.3 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.920 ug/l
RT: 3.189 min Scan# 575
Delta R.T. 0.016 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

Tgt Ion: 59 Resp: 1025
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.380 ug/l

RT: 2.758 min Scan# 41

Delta R.T. -0.167 min

Lab File: VU045734.D

Acq: 11 Nov 2021 13:31

Instrument :

MSVOA_U

ClientSampleId :

SY-3DD-20211109

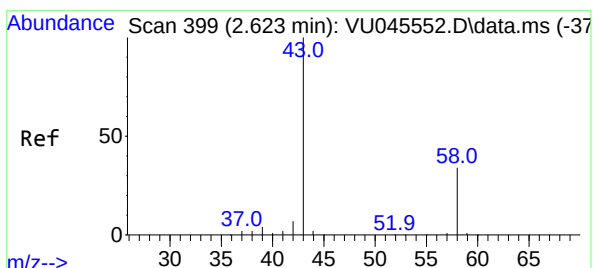
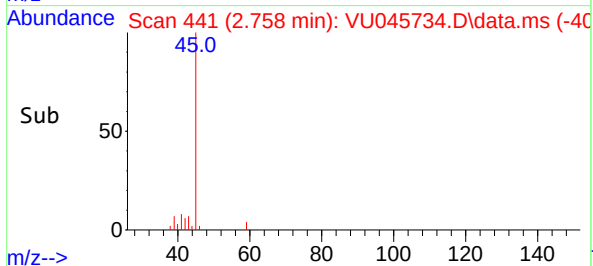
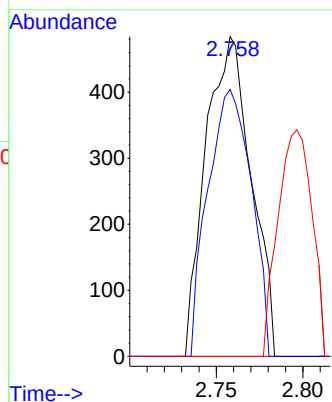
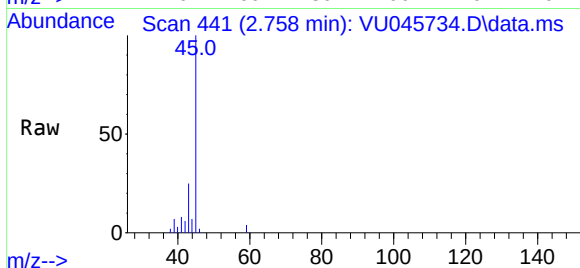
Tgt Ion: 41 Resp: 885

Ion Ratio Lower Upper

41 100

39 79.4 49.7 74.5#

76 0.0 27.7 41.5#



#16

Acetone

Concen: 1.887 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045734.D

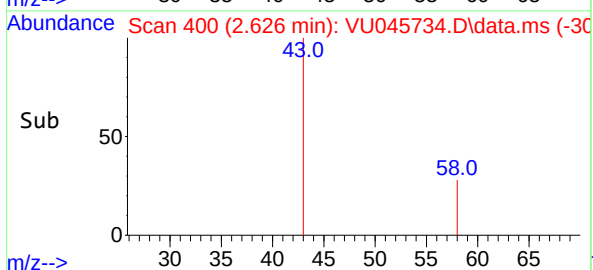
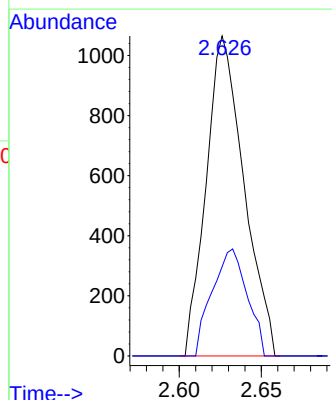
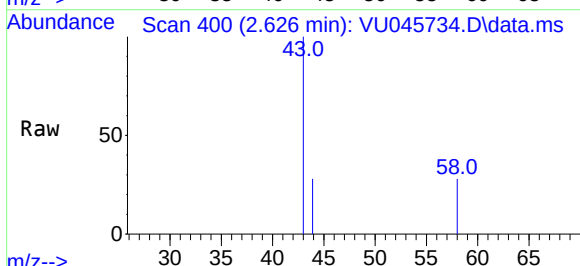
Acq: 11 Nov 2021 13:31

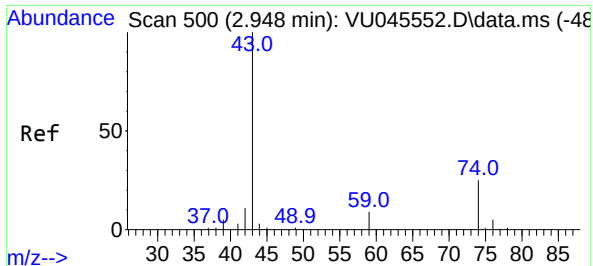
Tgt Ion: 43 Resp: 1703

Ion Ratio Lower Upper

43 100

58 27.9 26.2 39.2





#18

Methyl Acetate

Concen: 0.898 ug/l

RT: 2.755 min Scan# 44

Delta R.T. -0.193 min

Lab File: VU045734.D

Acq: 11 Nov 2021 13:31

Instrument :

MSVOA_U

ClientSampleId :

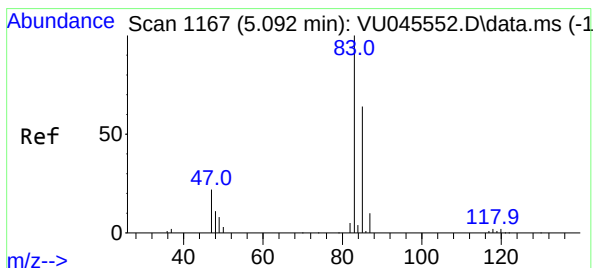
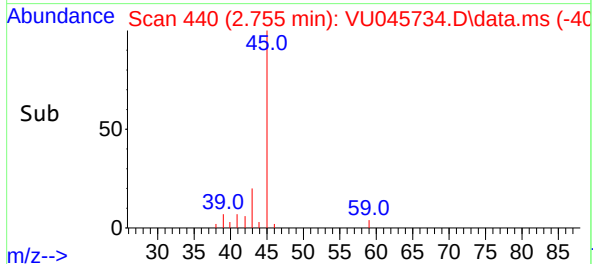
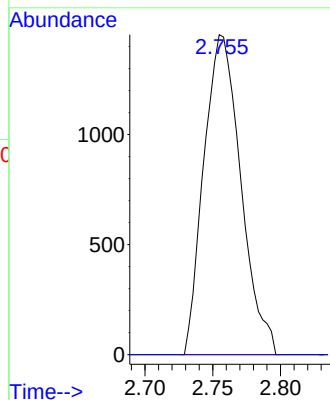
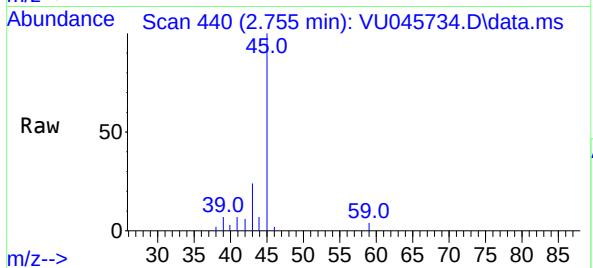
SY-3DD-20211109

Tgt Ion: 43 Resp: 2761

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



#30

Chloroform

Concen: 0.335 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU045734.D

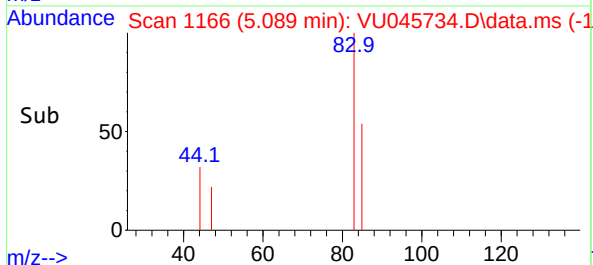
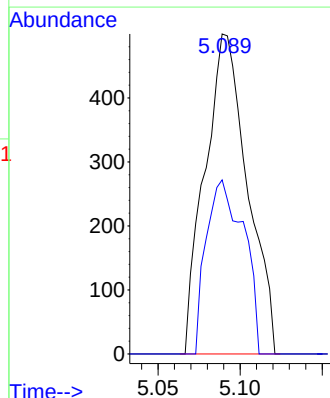
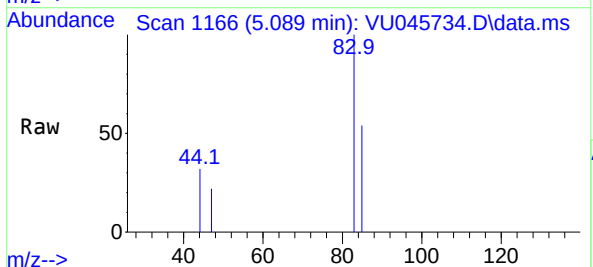
Acq: 11 Nov 2021 13:31

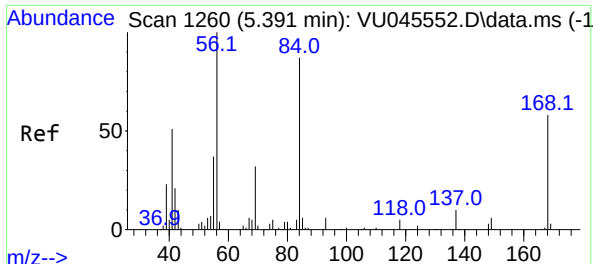
Tgt Ion: 83 Resp: 901

Ion Ratio Lower Upper

83 100

85 54.4 52.0 78.0

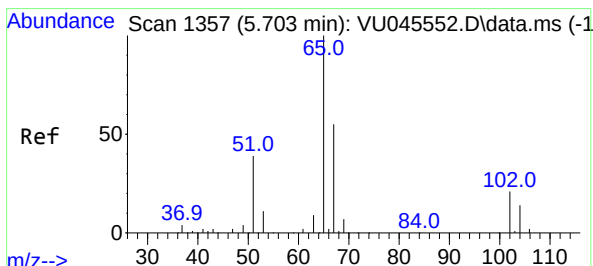
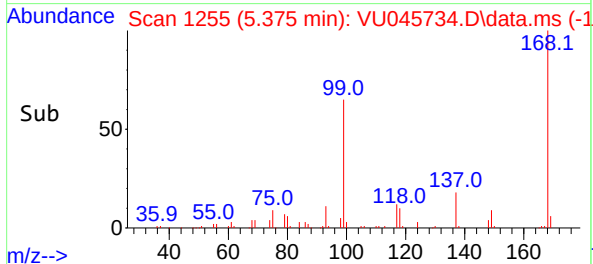
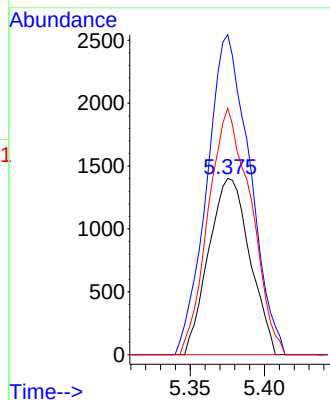
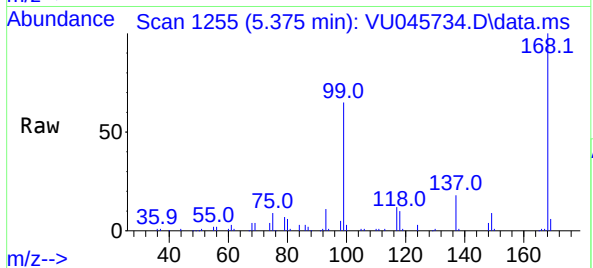




#31
Cyclohexane
Concen: 1.047 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

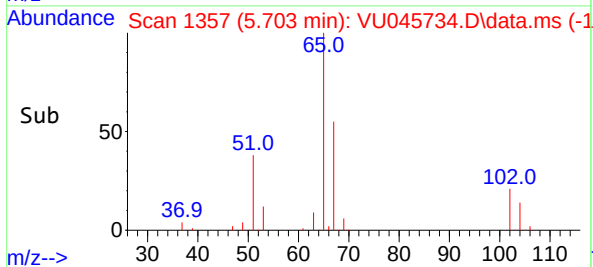
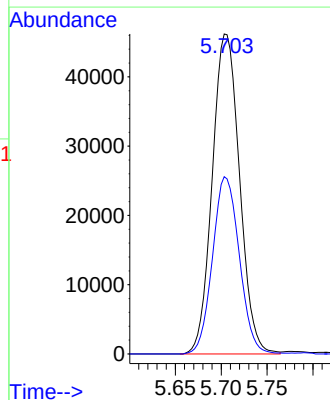
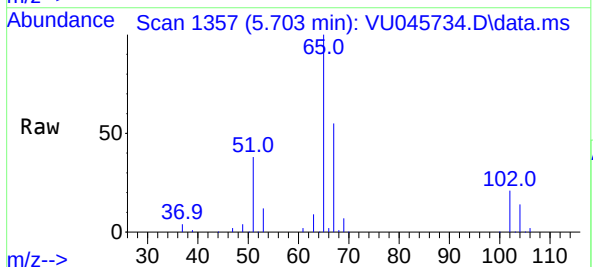
Instrument :
MSVOA_U
ClientSampleId :
SY-3DD-20211109

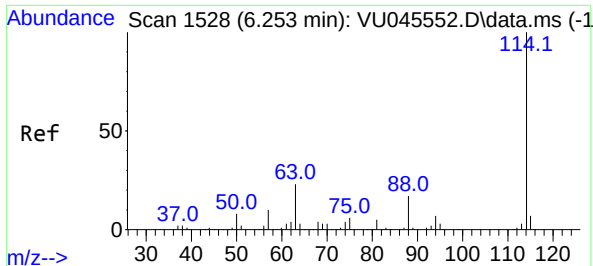
Tgt Ion: 56 Resp: 2710
Ion Ratio Lower Upper
56 100
69 173.9 26.4 39.6#
84 139.8 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 53.947 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

Tgt Ion: 65 Resp: 95659
Ion Ratio Lower Upper
65 100
67 54.4 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: VU045734.D

Acq: 11 Nov 2021 13:31

Instrument :

MSVOA_U

ClientSampleId :

SY-3DD-20211109

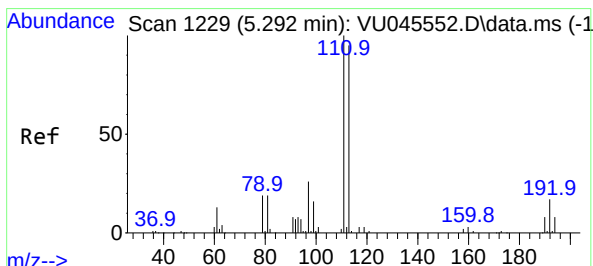
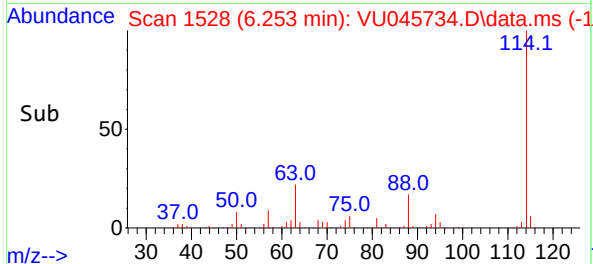
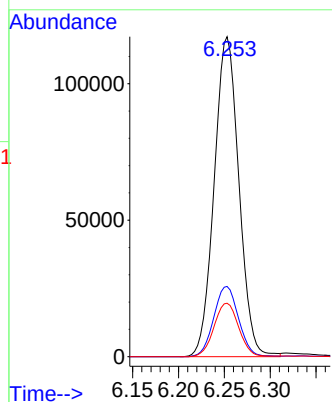
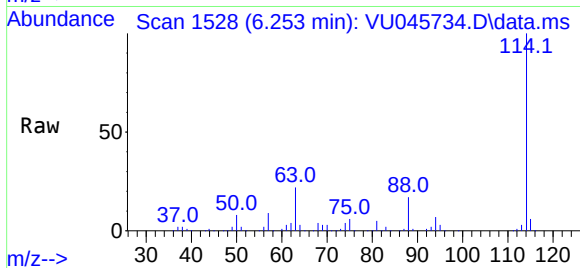
Tgt Ion:114 Resp: 219462

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.6

88 16.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.982 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045734.D

Acq: 11 Nov 2021 13:31

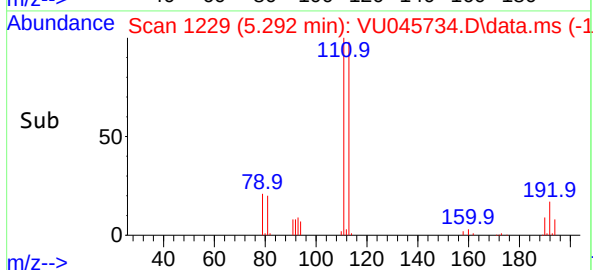
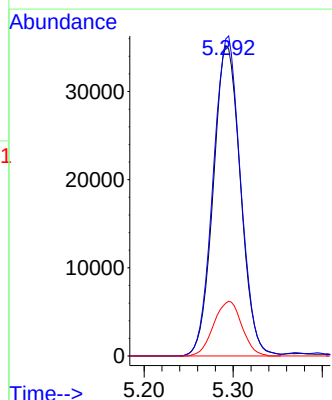
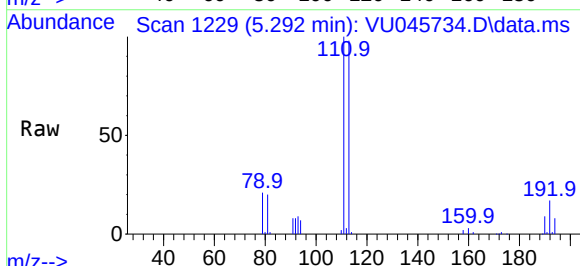
Tgt Ion:113 Resp: 74700

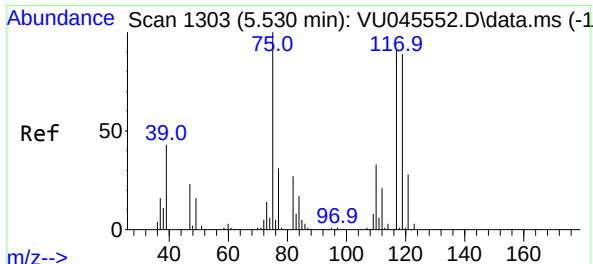
Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 18.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.014 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045734.D

Acq: 11 Nov 2021 13:31

Instrument :

MSVOA_U

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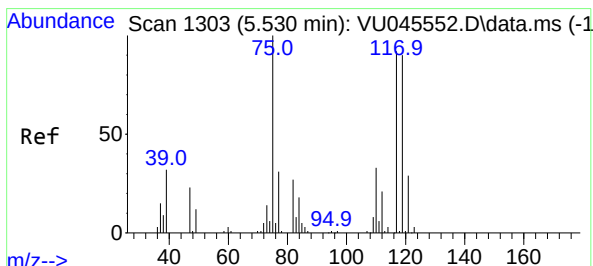
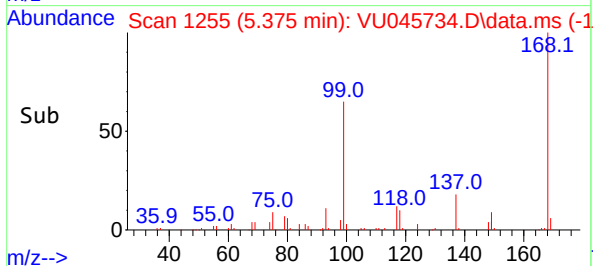
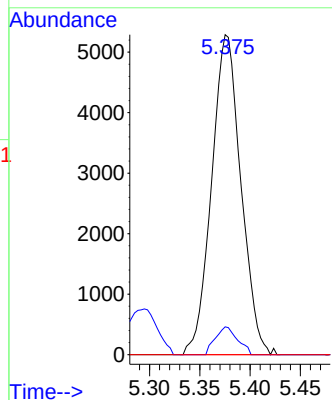
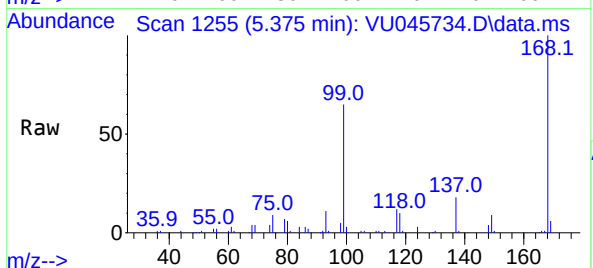
Tgt Ion: 75 Resp: 10729

Ion Ratio Lower Upper

75 100

110 6.6 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.280 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045734.D

Acq: 11 Nov 2021 13:31

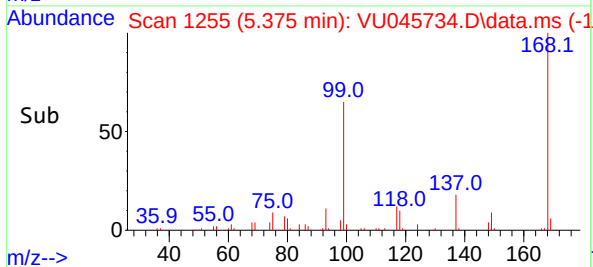
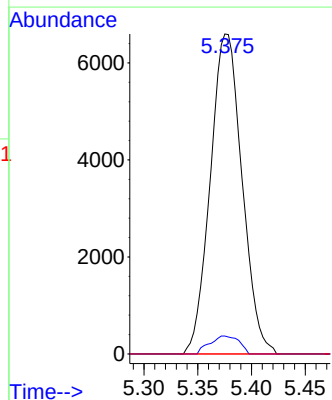
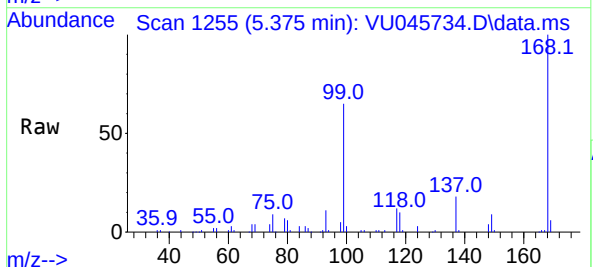
Tgt Ion: 117 Resp: 13549

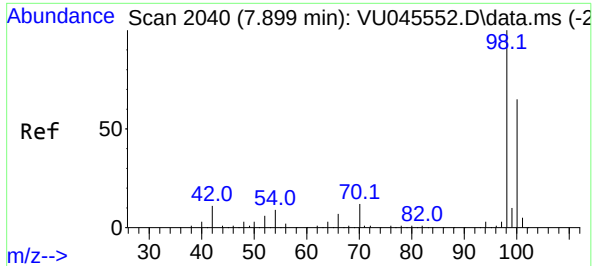
Ion Ratio Lower Upper

117 100

119 5.6 77.4 116.0#

121 0.0 24.8 37.2#

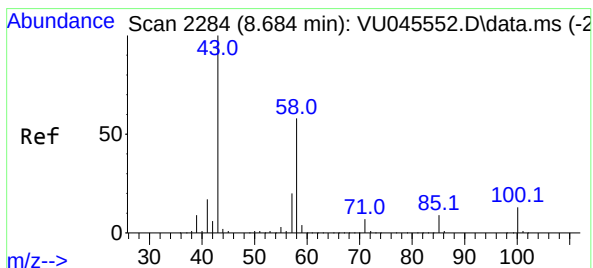
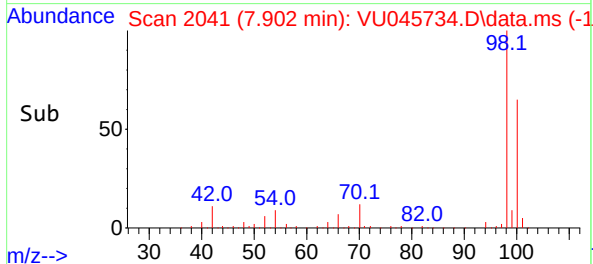
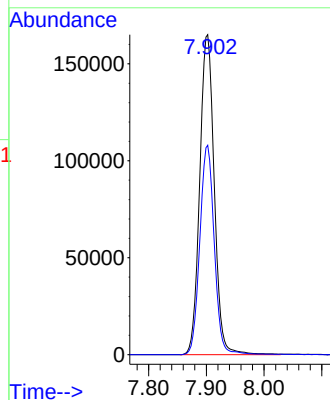
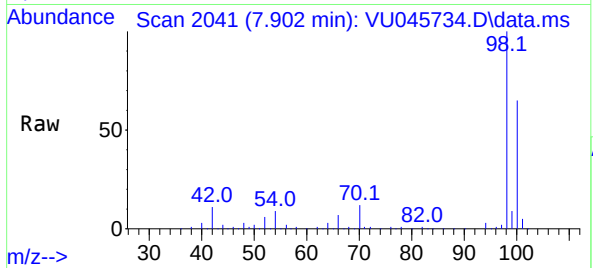




#50
Toluene-d8
Concen: 52.972 ug/l
RT: 7.902 min Scan# 2040
Delta R.T. 0.003 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

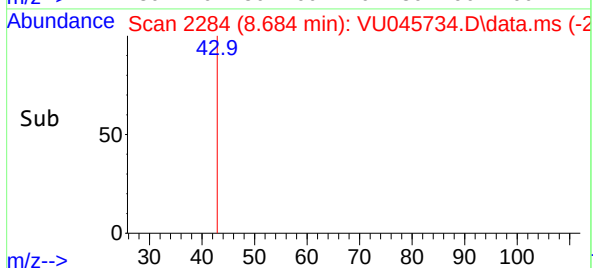
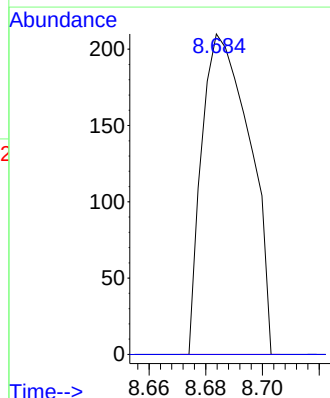
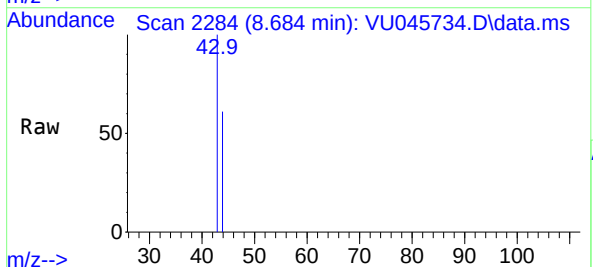
Instrument :
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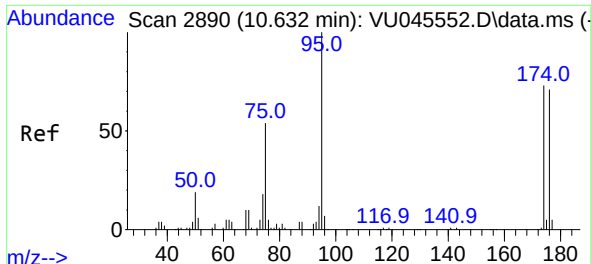
Tgt Ion: 98 Resp: 288617
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#59
2-Hexanone
Concen: 7.645 ug/l
RT: 8.684 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

Tgt Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#

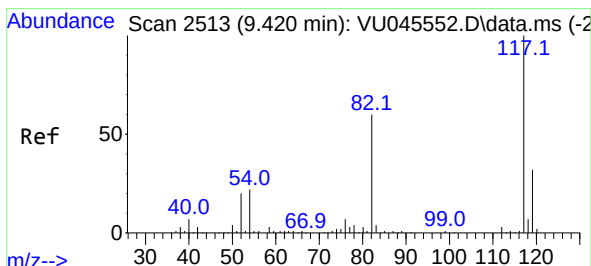
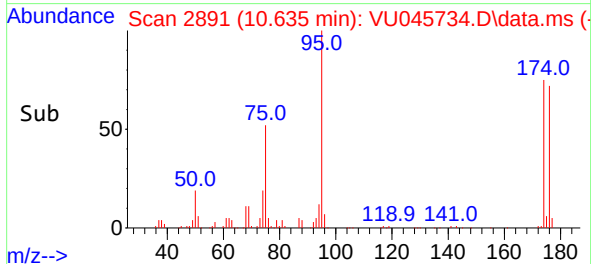
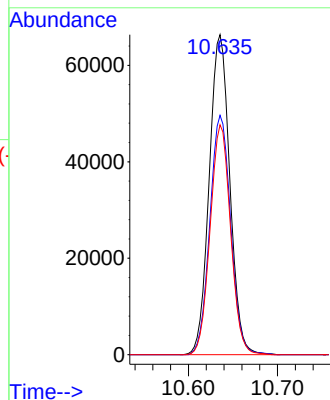
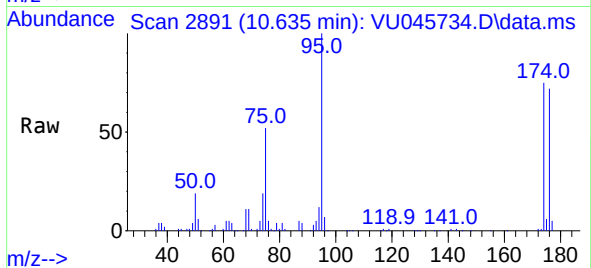




#62
4-Bromofluorobenzene
Concen: 48.801 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

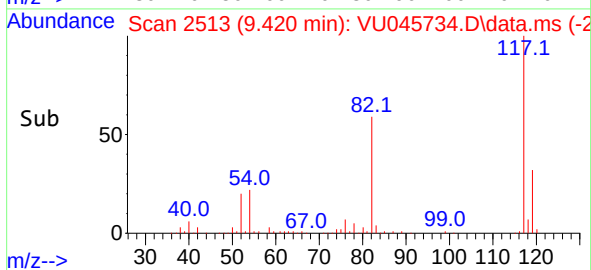
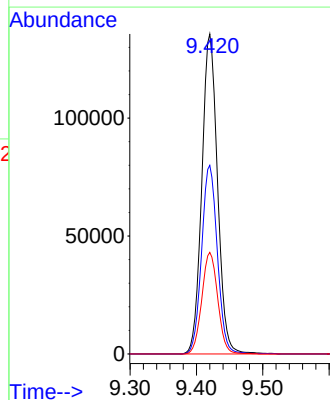
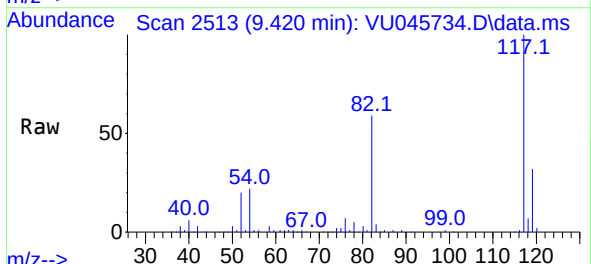
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ClientSampleId :
SY-3DD-20211109

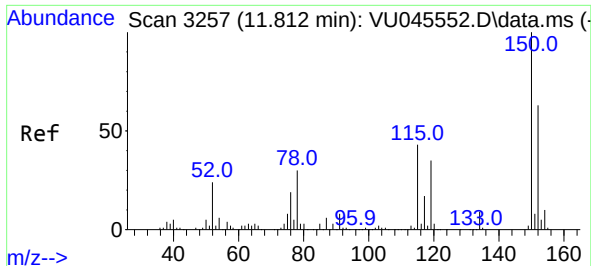
Tgt Ion: 95 Resp: 106621
Ion Ratio Lower Upper
95 100
174 75.9 0.0 141.8
176 71.1 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

Tgt Ion: 117 Resp: 223226
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 31.8 25.8 38.8

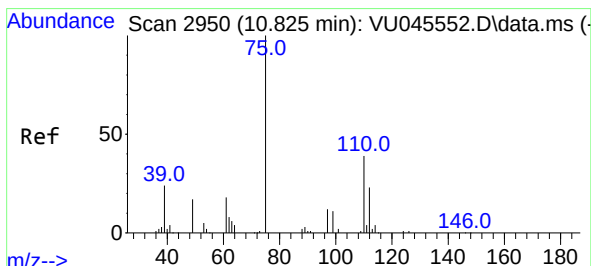
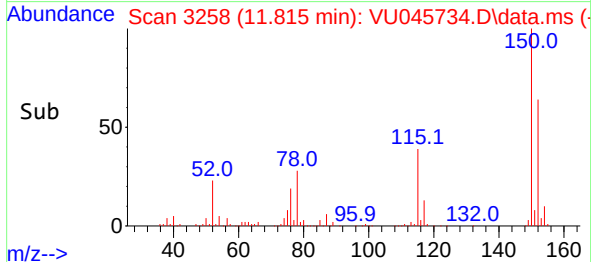
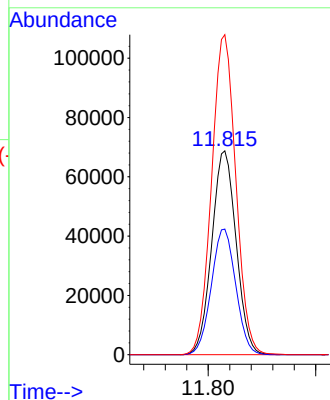
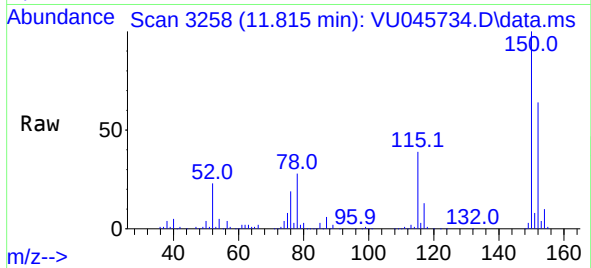




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

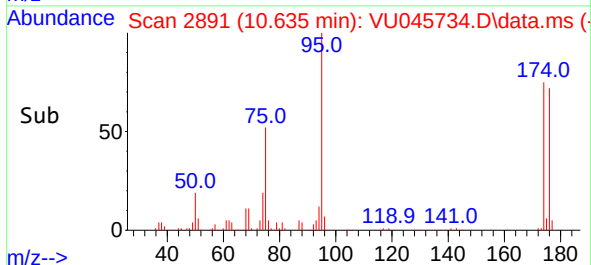
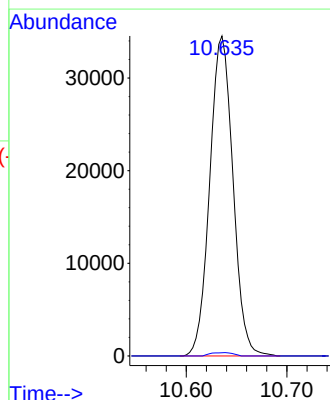
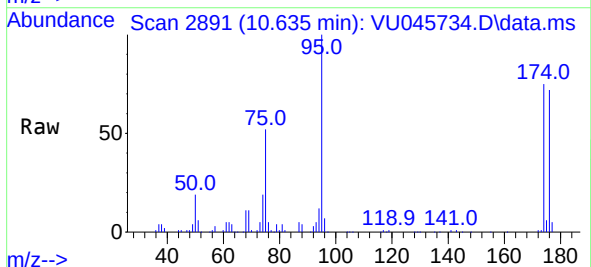
Instrument :
MSVOA_U
ClientSampleId :
SY-3DD-20211109

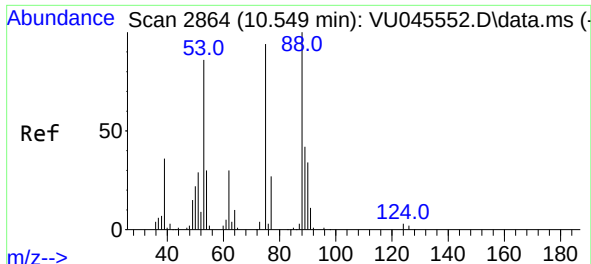
Tgt Ion:152 Resp: 108335
Ion Ratio Lower Upper
152 100
115 61.7 42.7 128.1
150 156.1 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.864 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

Tgt Ion: 75 Resp: 55404
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#

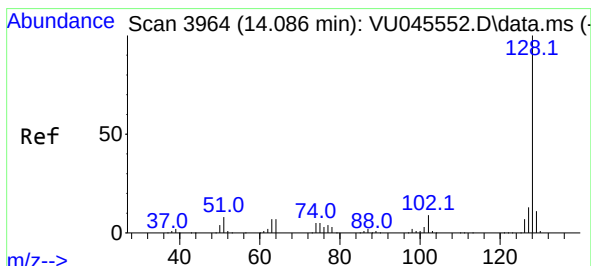
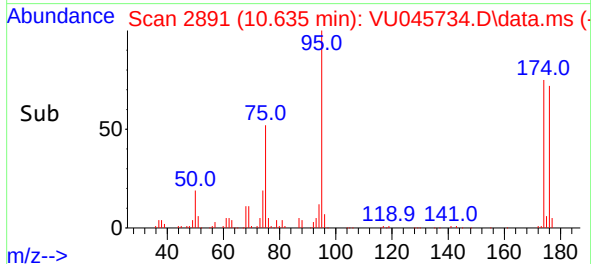
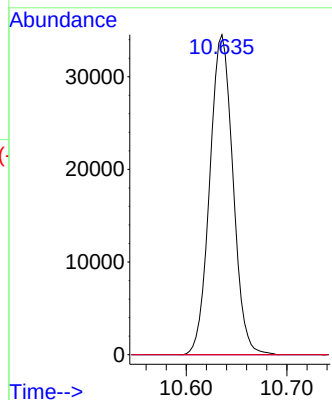
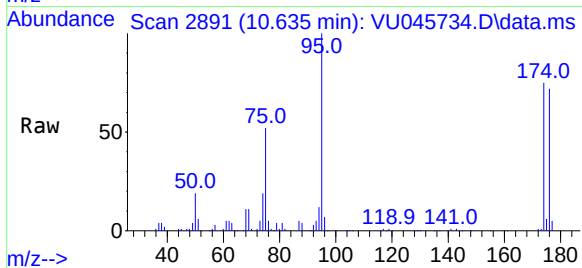




#81
trans-1,4-Dichloro-2-butene
Concen: 54.931 ug/l
RT: 10.635 min Scan# 2864
Delta R.T. 0.086 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

Instrument :
MSVOA_U
ClientSampleId :
SY-3DD-20211109

Tgt Ion: 75 Resp: 55404
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.159 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045734.D
Acq: 11 Nov 2021 13:31

Tgt Ion: 128 Resp: 1169
Ion Ratio Lower Upper
128 100
127 3.6 10.6 15.8#
129 1.7 8.6 13.0#

