

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045611.D
 Acq On : 08 Nov 2021 13:37
 Operator : SY/MD
 Sample : M4578-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB

Quant Time: Nov 09 09:55:32 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)

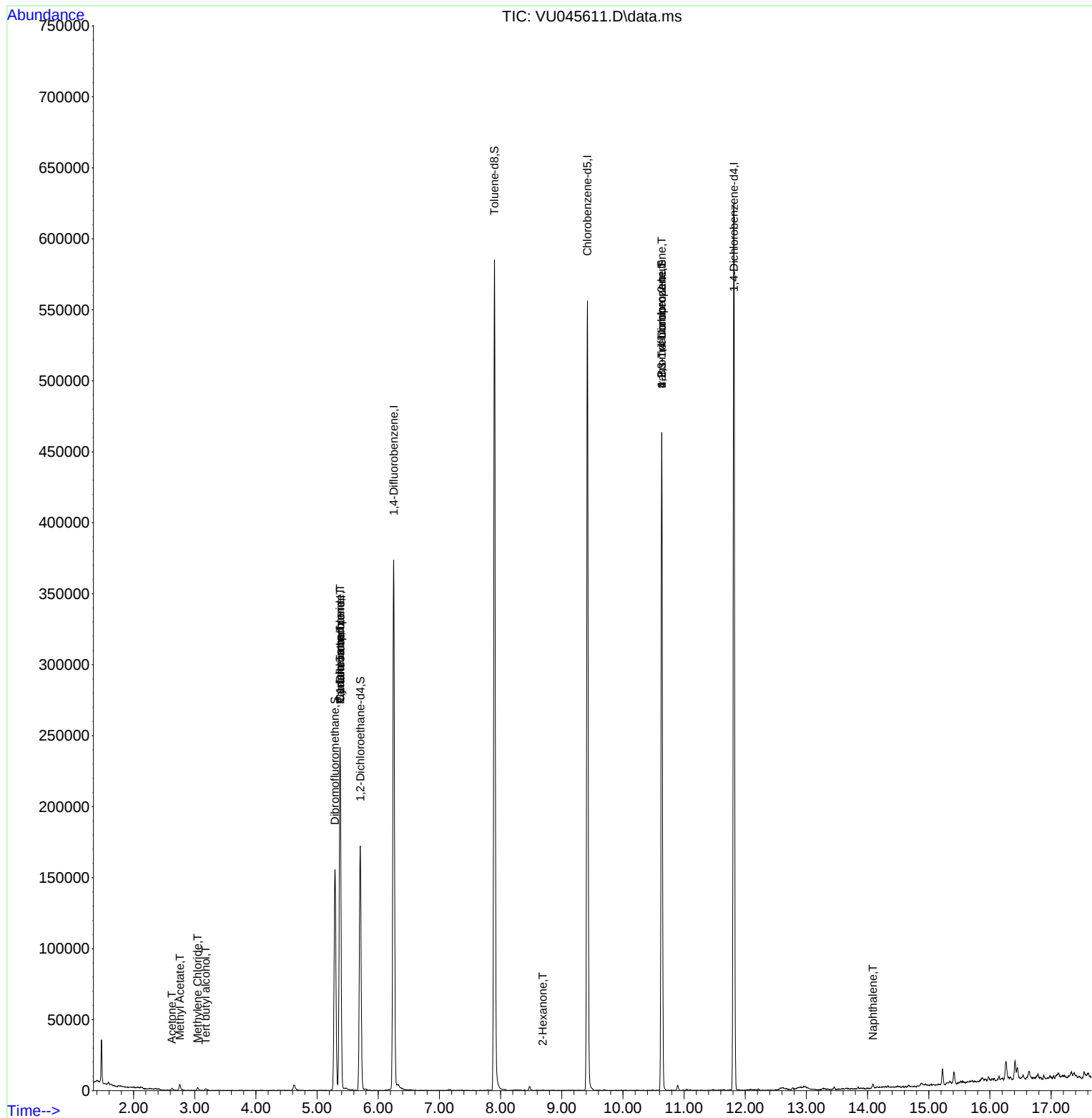
Internal Standards						
1) Pentafluorobenzene	5.378	168	162679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	300363	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	305652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	157605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	126855	52.069	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.140%			
35) Dibromofluoromethane	5.292	113	100575	50.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.300%			
50) Toluene-d8	7.899	98	393547	52.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.560%			
62) 4-Bromofluorobenzene	10.635	95	153698	51.401	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.800%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.179	59	1289	2.673	ug/l #	72
16) Acetone	2.626	43	1910	1.540	ug/l	96
18) Methyl Acetate	2.758	43	1155	0.273	ug/l #	50
20) Methylene Chloride	3.047	84	887	0.412	ug/l #	88
31) Cyclohexane	5.375	56	3548	0.998	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	13602	4.644	ug/l #	47
38) Carbon Tetrachloride	5.375	117	17258	5.845	ug/l #	15
59) 2-Hexanone	8.690	43	154	7.585	ug/l #	21
76) 1,2,3-Trichloropropane	10.635	75	79182	16.567	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	79182	54.017	ug/l #	12
95) Naphthalene	14.085	128	2579	1.227	ug/l #	90

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

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

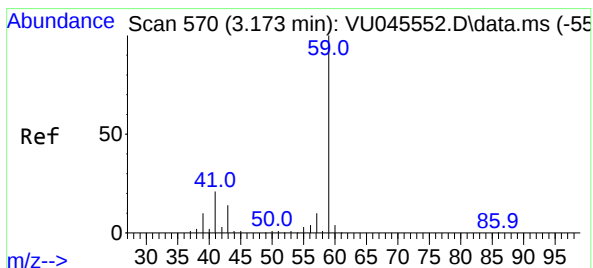
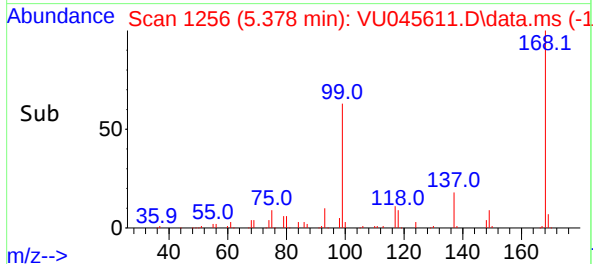
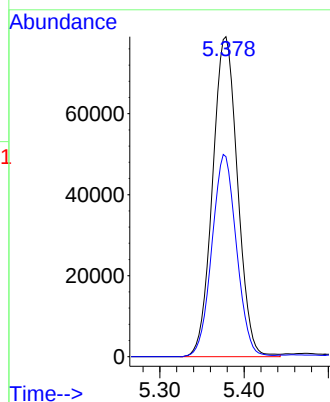
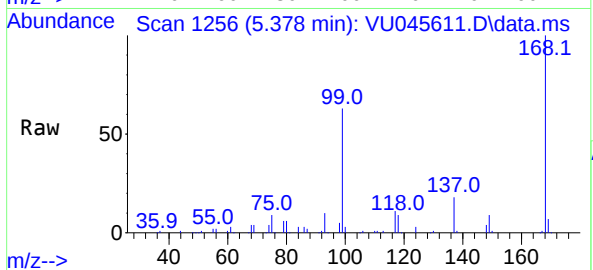




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

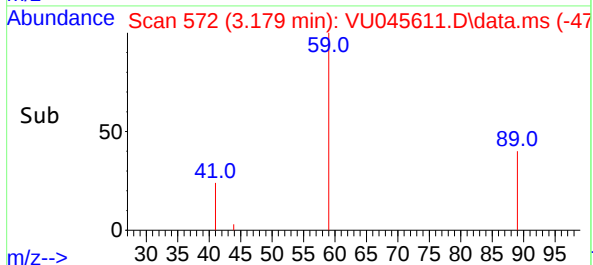
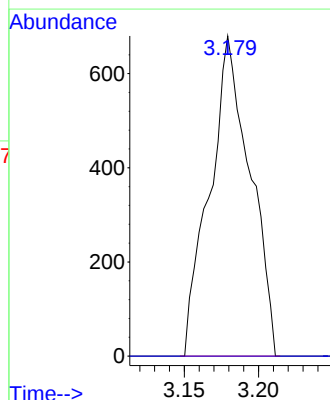
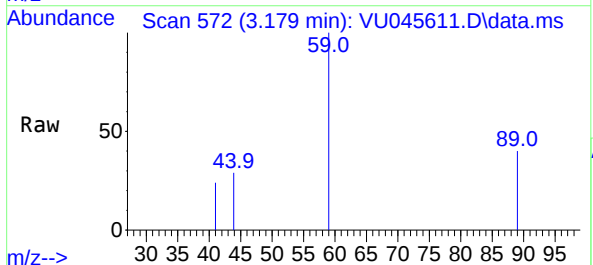
Instrument :
MSVOA_U
ClientSampleId :
FB

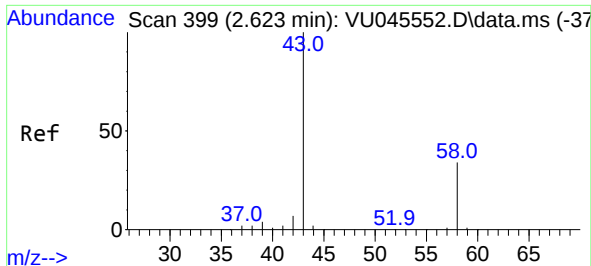
Tgt Ion:168 Resp: 162679
Ion Ratio Lower Upper
168 100
99 62.5 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.673 ug/l
RT: 3.179 min Scan# 572
Delta R.T. 0.006 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Tgt Ion: 59 Resp: 1289
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

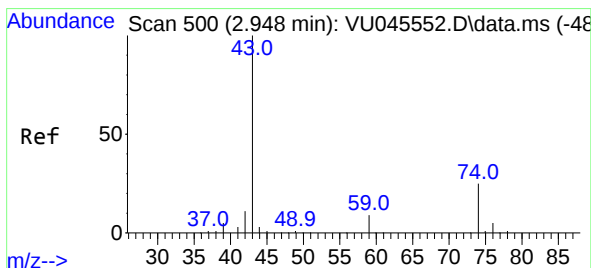
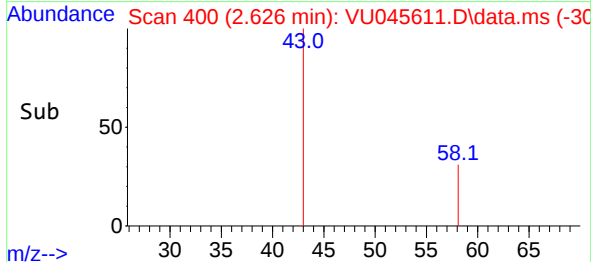
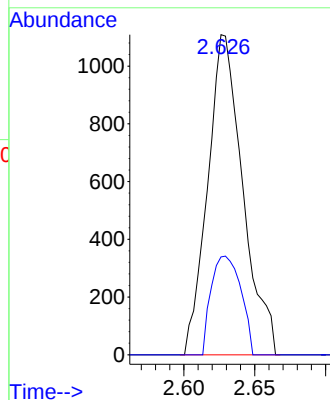
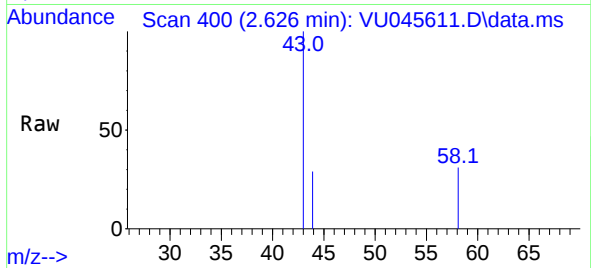




#16
Acetone
Concen: 1.540 ug/l
RT: 2.626 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

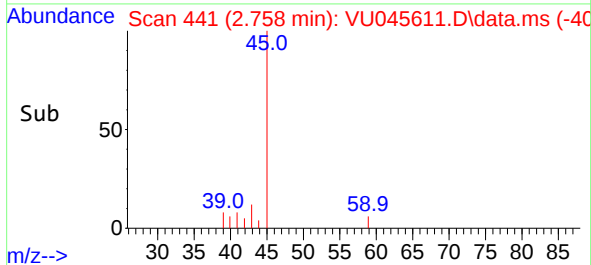
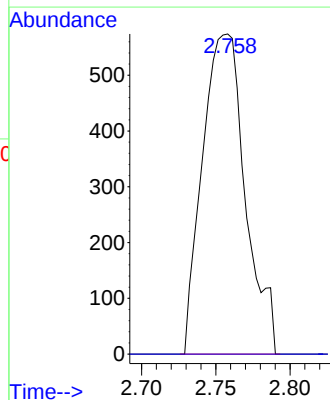
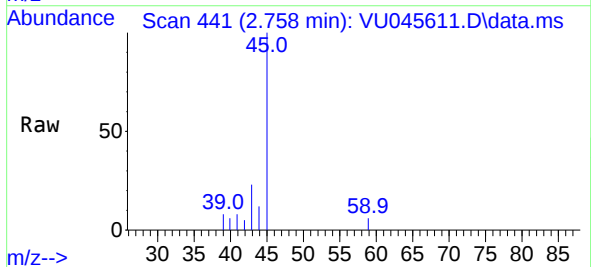
Instrument :
MSVOA_U
ClientSampleId :
FB

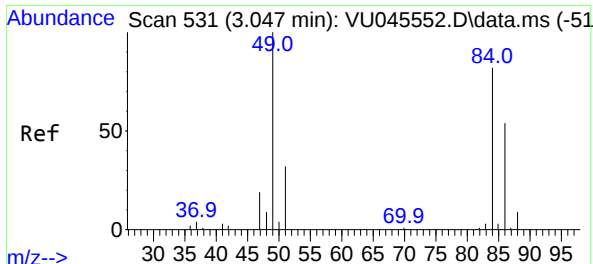
Tgt Ion: 43 Resp: 1910
Ion Ratio Lower Upper
43 100
58 30.6 26.2 39.2



#18
Methyl Acetate
Concen: 0.273 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.190 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



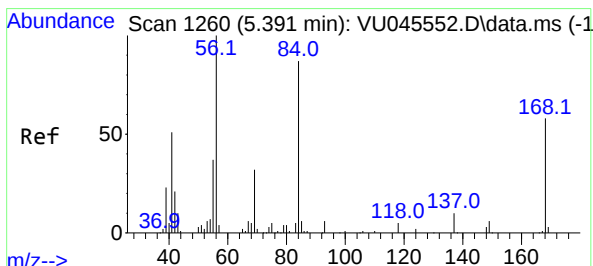
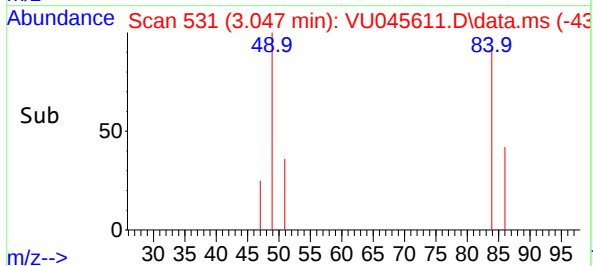
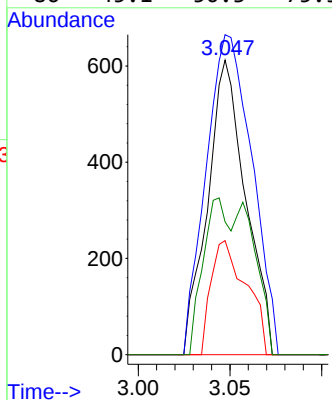
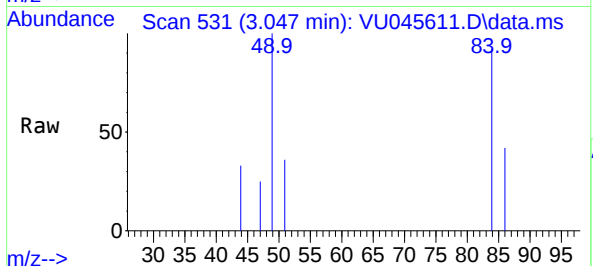


#20
Methylene Chloride
Concen: 0.412 ug/l
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Instrument :
MSVOA_U
ClientSampleId :
FB

Tgt Ion: 84 Resp: 887

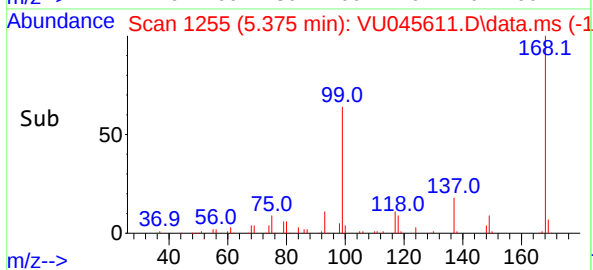
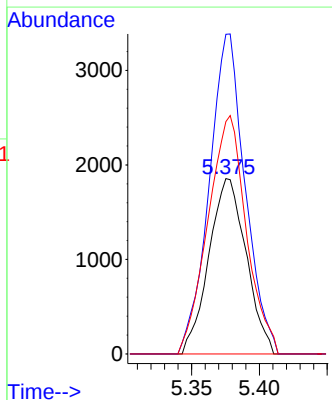
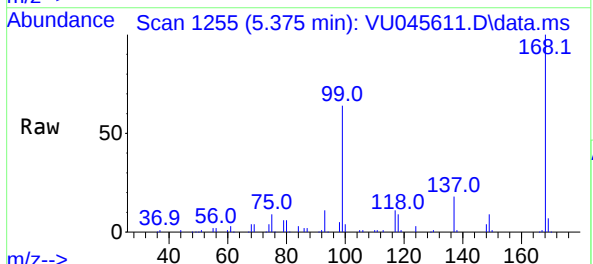
Ion	Ratio	Lower	Upper
84	100		
49	108.7	96.4	144.6
51	38.7	30.5	45.7
86	45.1	50.3	75.5#

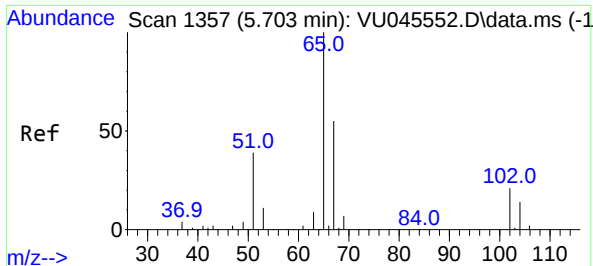


#31
Cyclohexane
Concen: 0.998 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Tgt Ion: 56 Resp: 3548

Ion	Ratio	Lower	Upper
56	100		
69	182.3	26.4	39.6#
84	132.4	68.4	102.6#





#33

1,2-Dichloroethane-d4

Concen: 52.069 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045611.D

Acq: 08 Nov 2021 13:37

Instrument :

MSVOA_U

ClientSampleId :

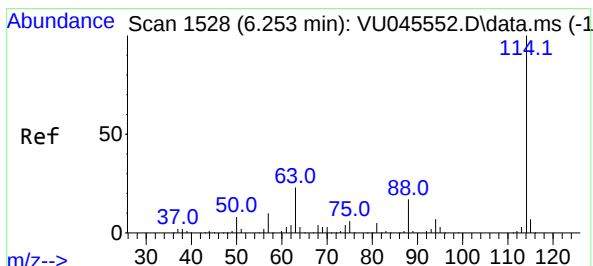
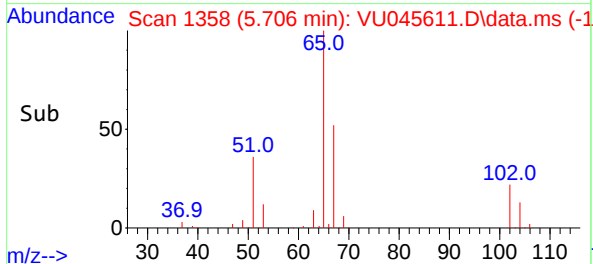
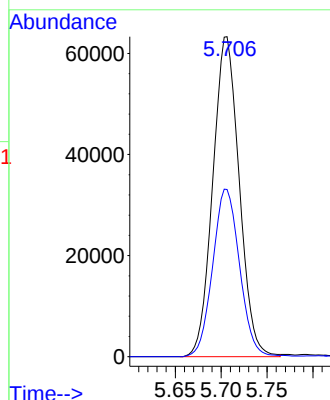
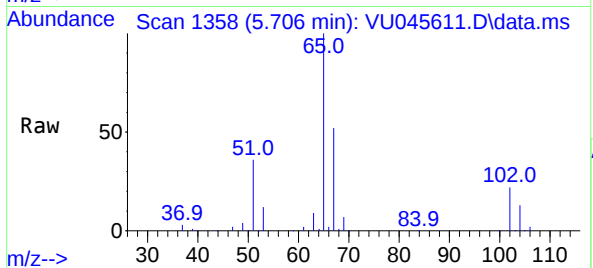
FB

Tgt Ion: 65 Resp: 126855

Ion Ratio Lower Upper

65 100

67 53.4 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: VU045611.D

Acq: 08 Nov 2021 13:37

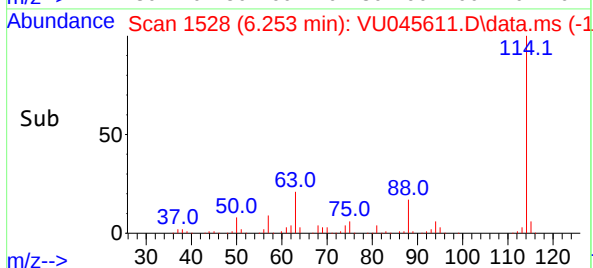
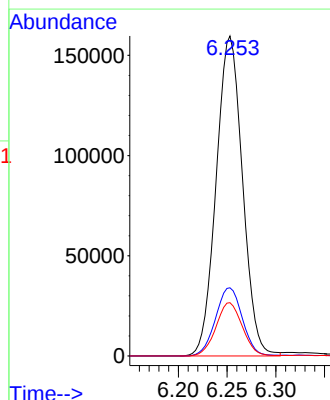
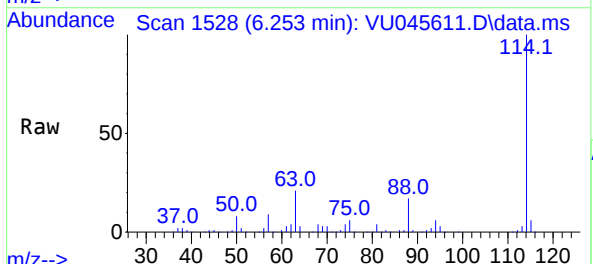
Tgt Ion: 114 Resp: 300363

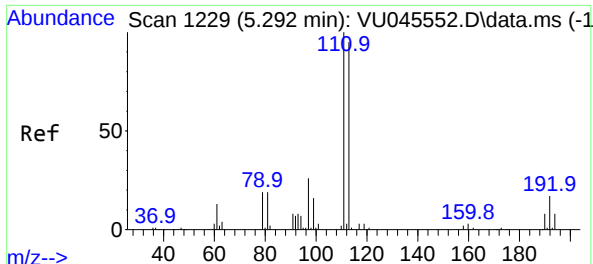
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.6

88 16.6 0.0 33.8

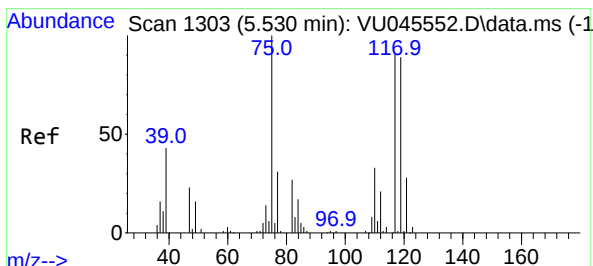
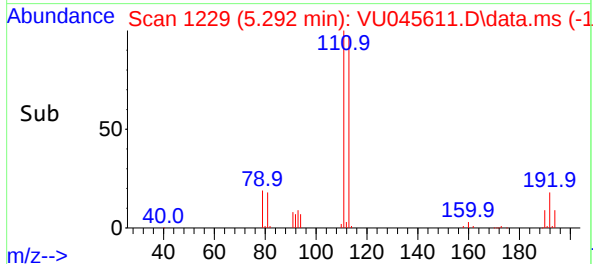
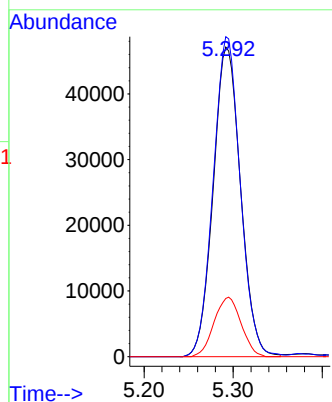
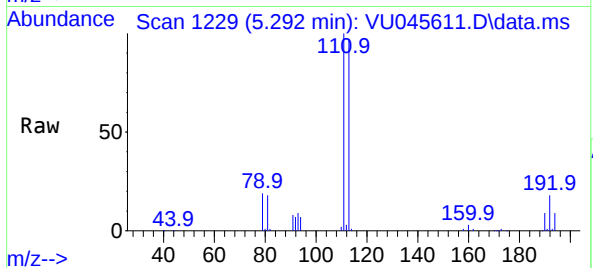




#35
Dibromofluoromethane
Concen: 50.153 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

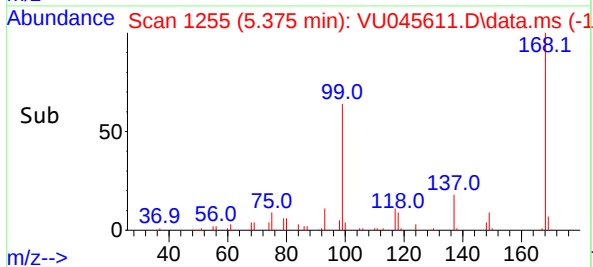
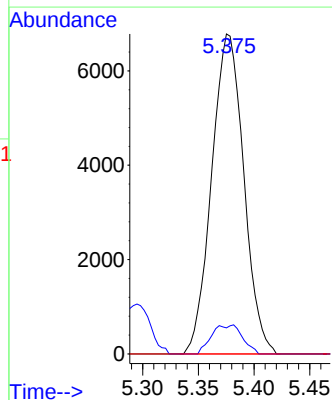
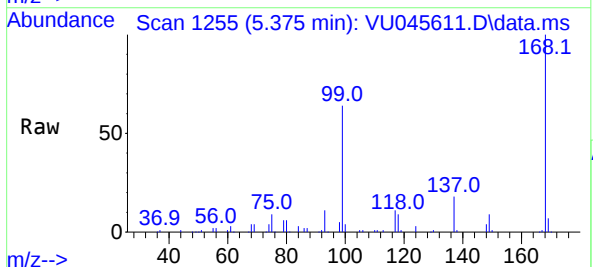
Instrument :
MSVOA_U
ClientSampleId :
FB

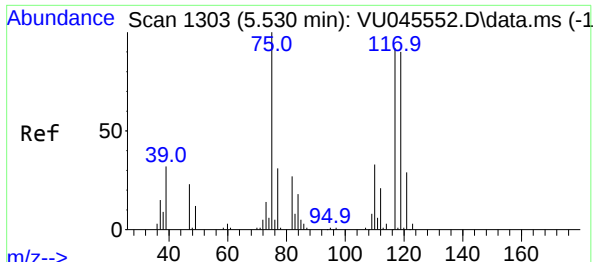
Tgt Ion:113 Resp: 100575
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 19.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

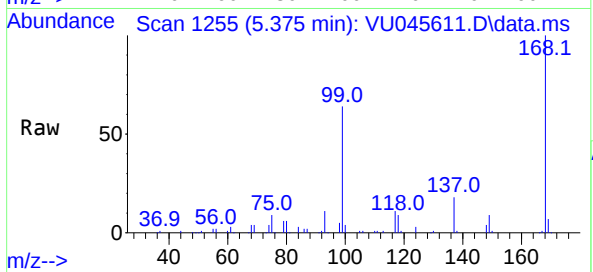
Tgt Ion: 75 Resp: 13602
Ion Ratio Lower Upper
75 100
110 4.6 16.7 50.0#
77 0.0 25.0 37.4#



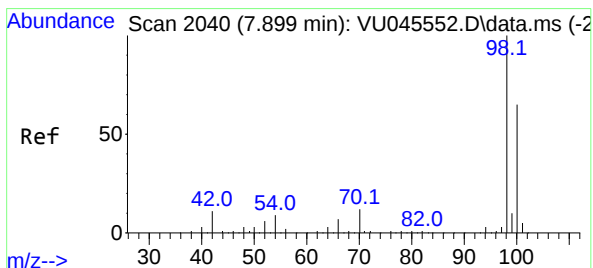
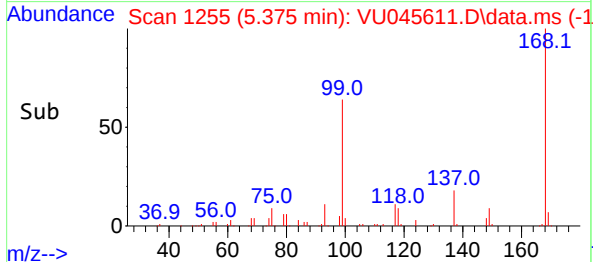
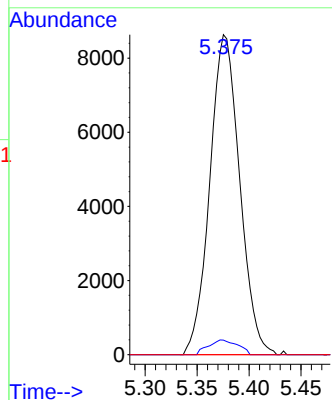


#38
Carbon Tetrachloride
Concen: 5.845 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Instrument :
MSVOA_U
ClientSampleId :
FB

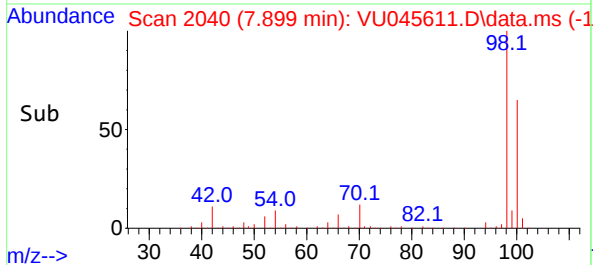
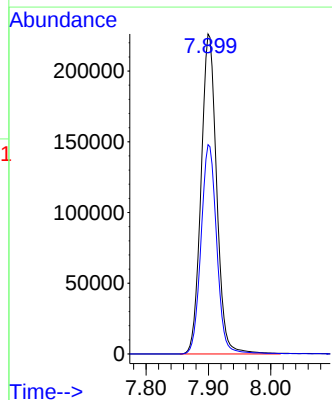
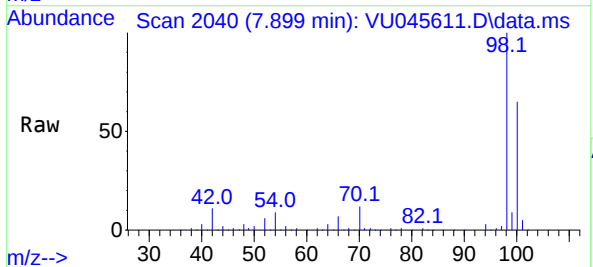


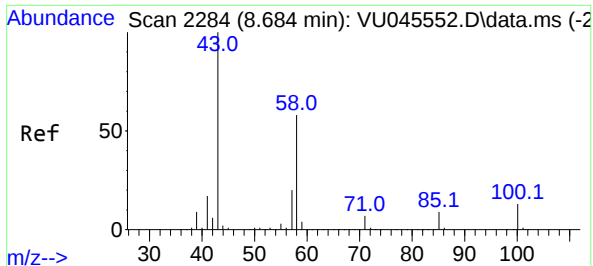
Tgt Ion:117 Resp: 17258
Ion Ratio Lower Upper
117 100
119 4.6 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.776 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Tgt Ion: 98 Resp: 393547
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#59

2-Hexanone

Concen: 7.585 ug/l

RT: 8.690 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU045611.D

Acq: 08 Nov 2021 13:37

Instrument :

MSVOA_U

ClientSampleId :

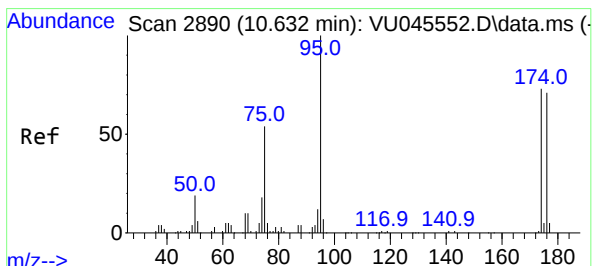
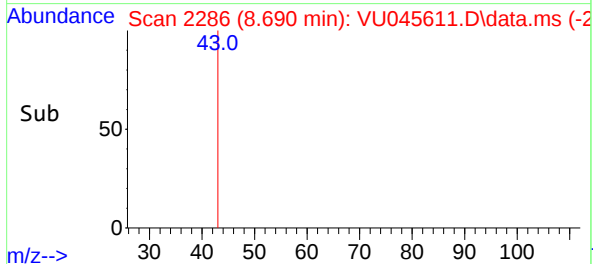
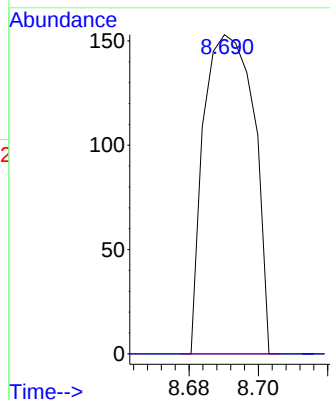
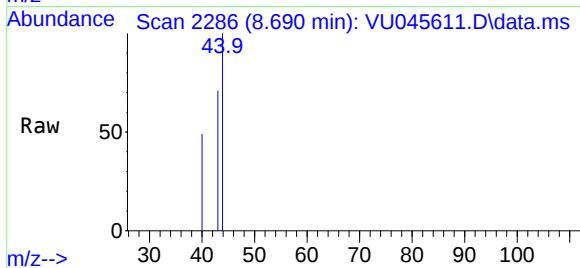
FB

Tgt Ion: 43 Resp: 154

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 51.401 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045611.D

Acq: 08 Nov 2021 13:37

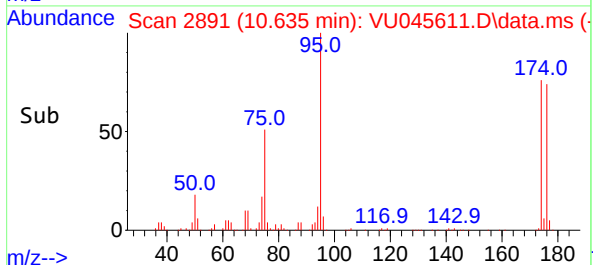
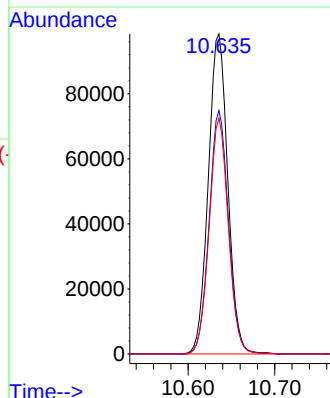
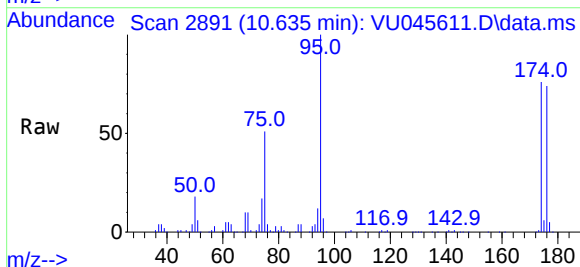
Tgt Ion: 95 Resp: 153698

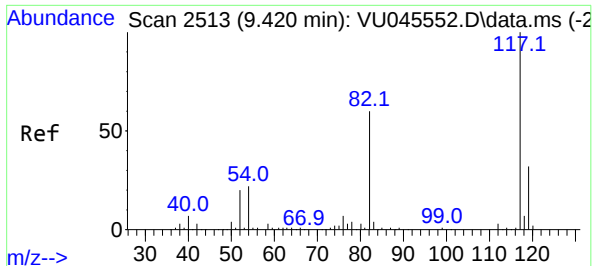
Ion Ratio Lower Upper

95 100

174 75.5 0.0 141.8

176 72.3 0.0 138.2

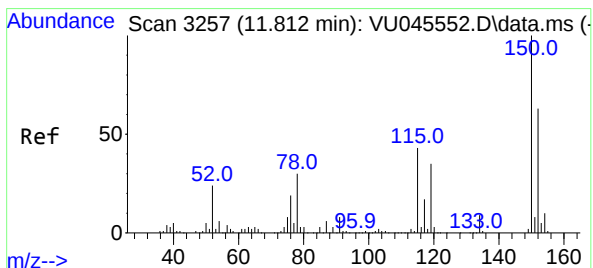
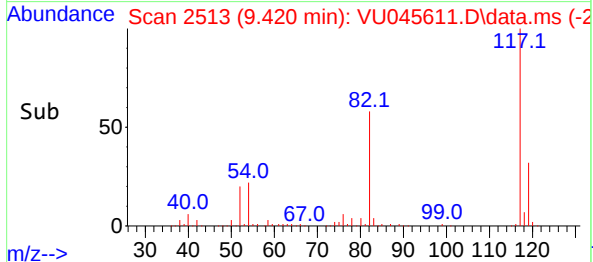
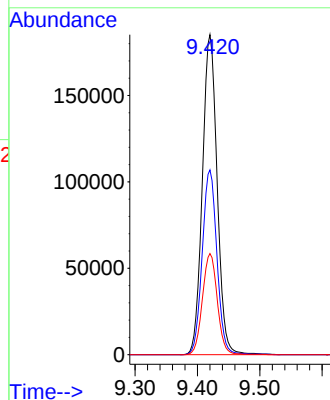
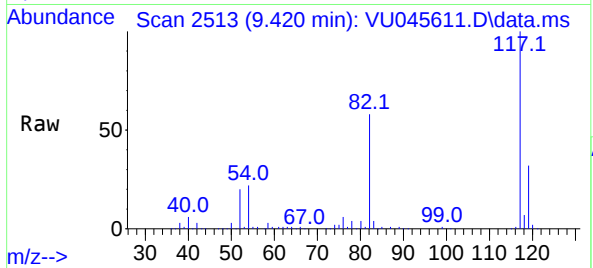




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

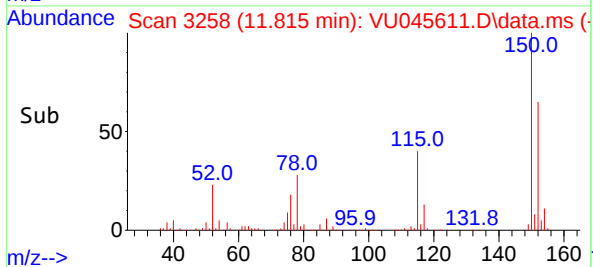
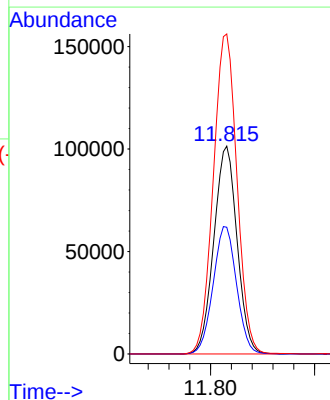
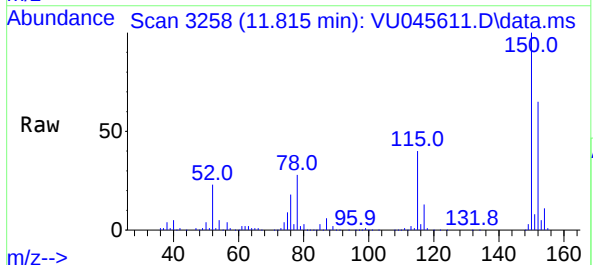
Instrument :
MSVOA_U
ClientSampleId :
FB

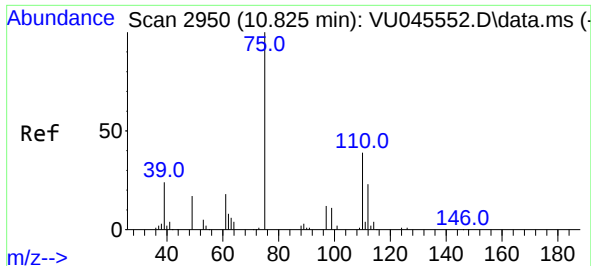
Tgt Ion:117 Resp: 305652
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.8
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Tgt Ion:152 Resp: 157605
Ion Ratio Lower Upper
152 100
115 61.7 42.7 128.1
150 156.5 0.0 346.8

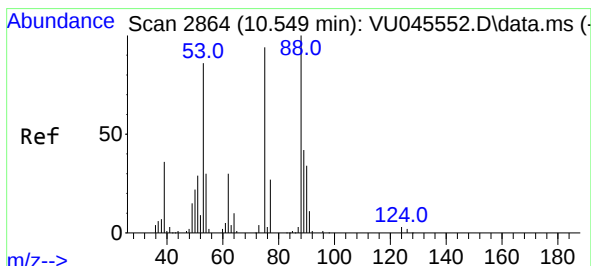
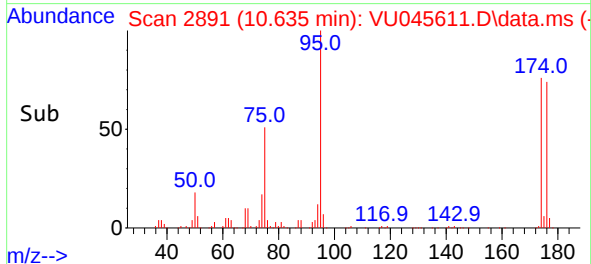
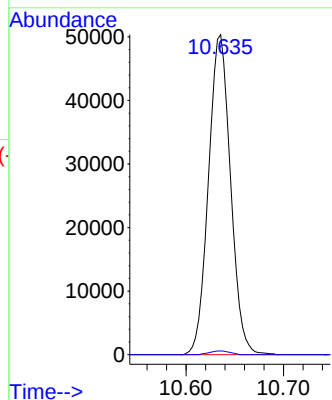
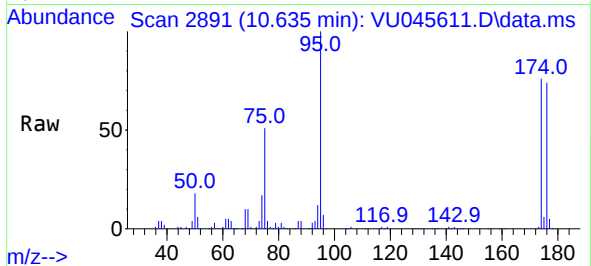




#76
1,2,3-Trichloropropane
Concen: 16.567 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

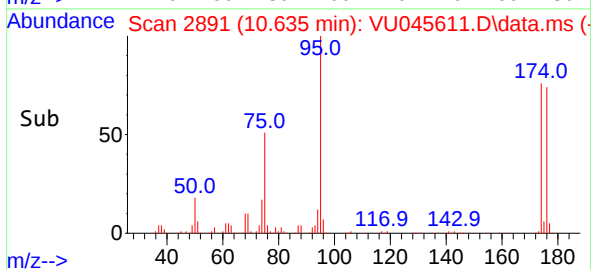
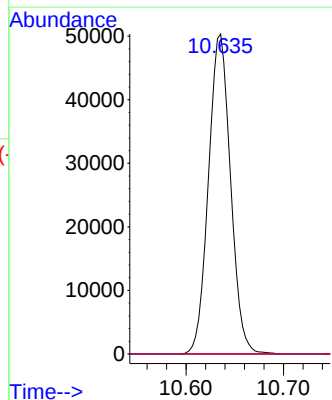
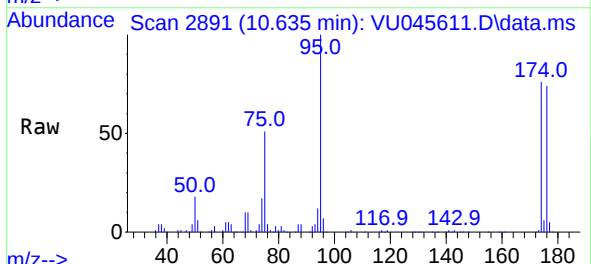
Instrument :
MSVOA_U
ClientSampleId :
FB

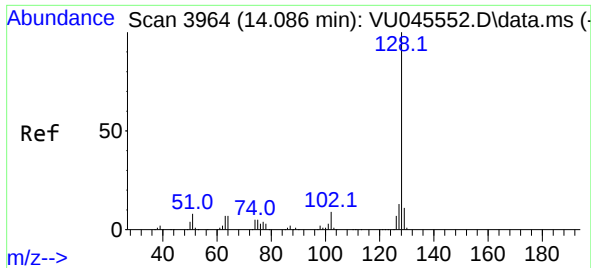
Tgt Ion: 75 Resp: 79182
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.017 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Tgt Ion: 75 Resp: 79182
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
Naphthalene
Concen: 1.227 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU045611.D
Acq: 08 Nov 2021 13:37

Instrument :
MSVOA_U
ClientSampleId :
FB

Tgt Ion:	128	Resp:	2579
Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.6	15.8#
129	5.9	8.6	13.0#

