

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045684.D
 Acq On : 10 Nov 2021 10:40
 Operator : SY/MD
 Sample : VU1110MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1110MBL01

Quant Time: Nov 10 15:32:02 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)

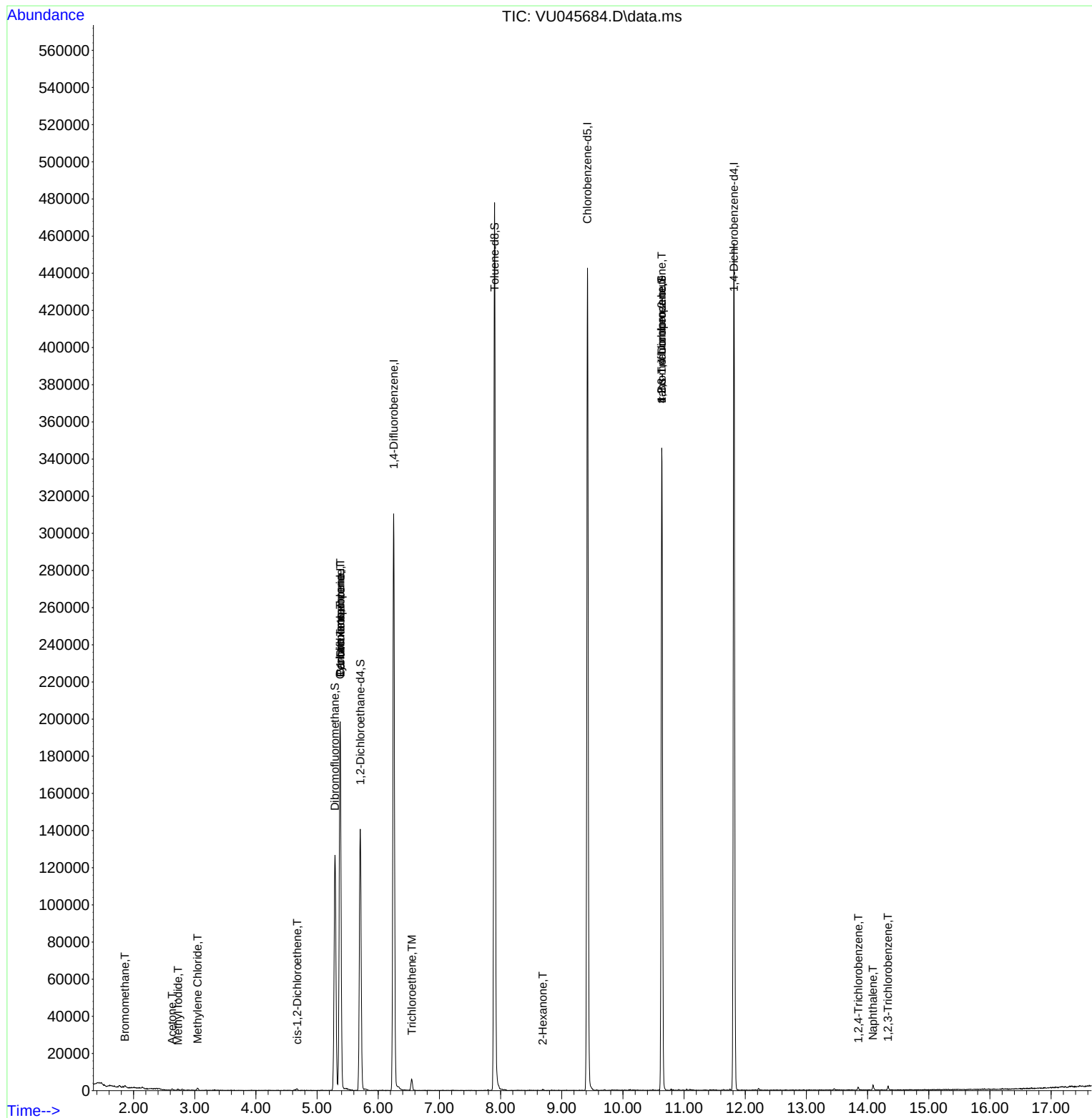
Internal Standards						
1) Pentafluorobenzene	5.379	168	128901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	243701	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	237648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	112216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	104352	54.056	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 108.120%		
35) Dibromofluoromethane	5.292	113	82411	50.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.300%		
50) Toluene-d8	7.903	98	314745	52.022	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 104.040%		
62) 4-Bromofluorobenzene	10.636	95	114963	47.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 94.780%		
Target Compounds						Qvalue
5) Bromomethane	1.858	94	352	0.339	ug/l	87
10) Methyl Iodide	2.726	142	576	0.306	ug/l #	86
16) Acetone	2.629	43	839	0.854	ug/l	99
20) Methylene Chloride	3.044	84	569	0.333	ug/l #	87
27) cis-1,2-Dichloroethene	4.674	96	420	0.242	ug/l	85
31) Cyclohexane	5.375	56	3068	1.089	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	11303	4.757	ug/l #	51
38) Carbon Tetrachloride	5.379	117	14692	6.133	ug/l #	16
44) Trichloroethene	6.549	130	2306	1.369	ug/l	84
59) 2-Hexanone	8.690	43	497	7.736	ug/l	65
76) 1,2,3-Trichloropropane	10.636	75	60587	17.804	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	60587	57.826	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.848	180	655	0.271	ug/l #	89
95) Naphthalene	14.089	128	2852	1.336	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.333	180	901	0.375	ug/l	89

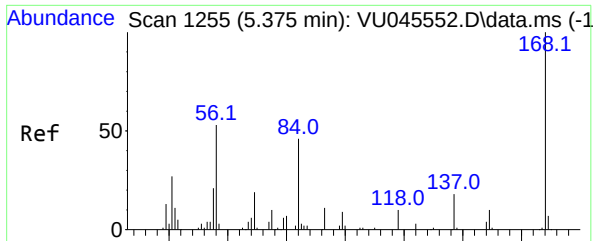
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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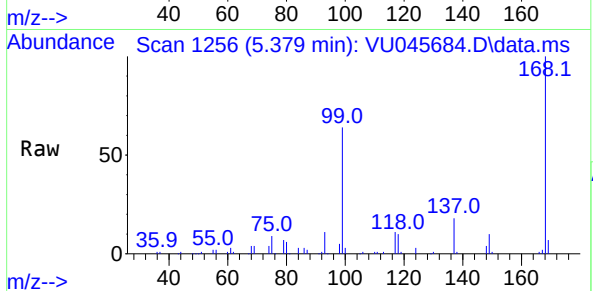
Quant Time: Nov 10 15:32:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
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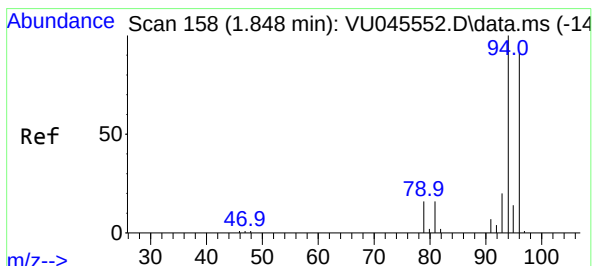
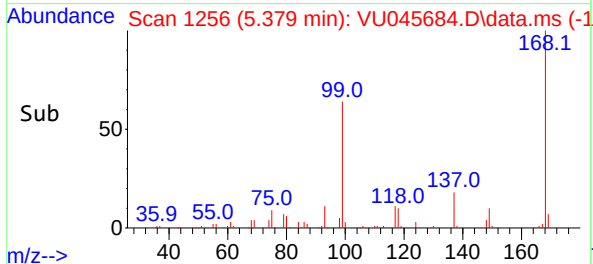
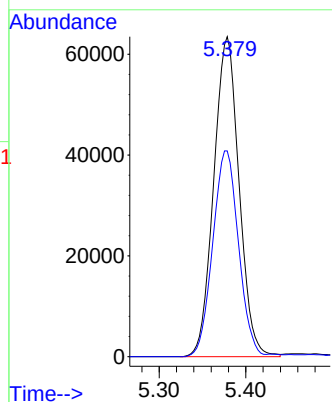
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.379 min Scan# 11
 Delta R.T. 0.004 min
 Lab File: VU045684.D
 Acq: 10 Nov 2021 10:40

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1110MBL01



Tgt Ion:168 Resp: 128901

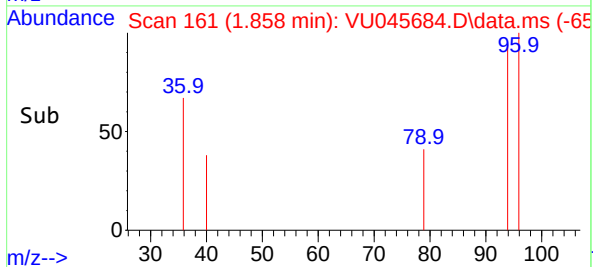
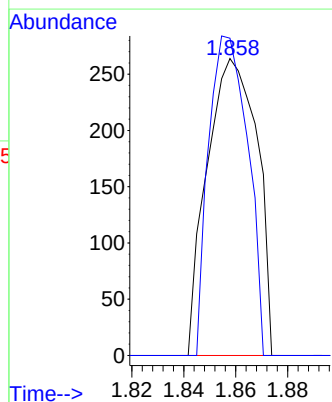
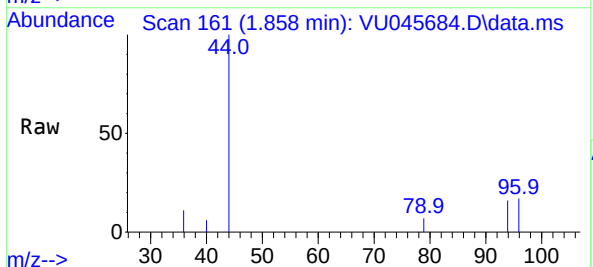
Ion	Ratio	Lower	Upper
168	100		
99	64.3	51.0	76.6

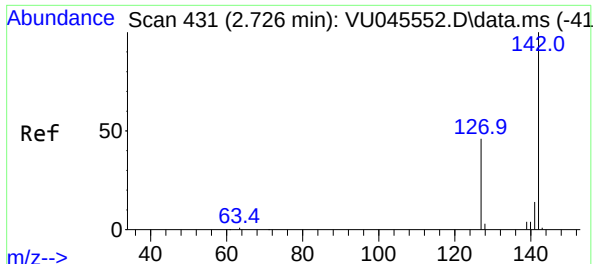


#5
 Bromomethane
 Concen: 0.339 ug/l
 RT: 1.858 min Scan# 161
 Delta R.T. 0.010 min
 Lab File: VU045684.D
 Acq: 10 Nov 2021 10:40

Tgt Ion: 94 Resp: 352

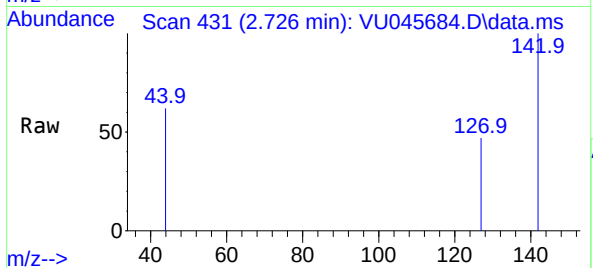
Ion	Ratio	Lower	Upper
94	100		
96	106.8	75.4	113.2



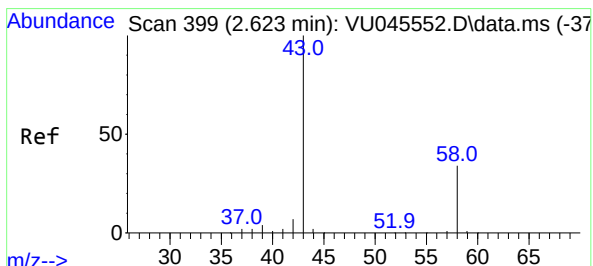
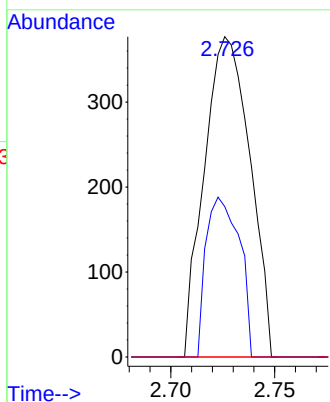
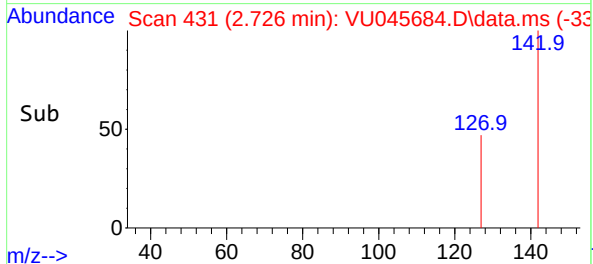


#10
Methyl Iodide
Concen: 0.306 ug/l
RT: 2.726 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

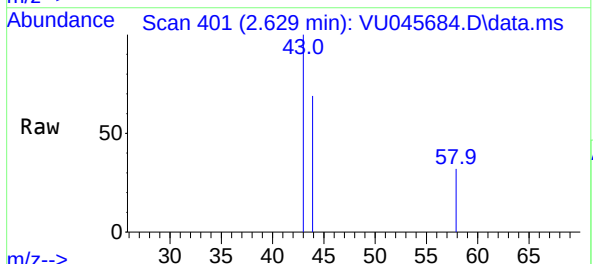
Instrument :
MSVOA_U
ClientSampleId :
VU1110MBL01



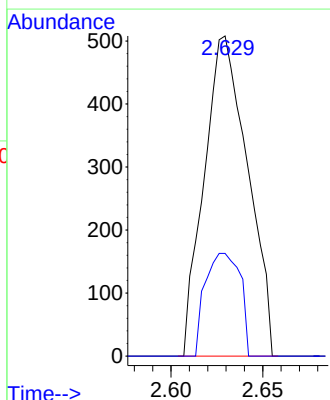
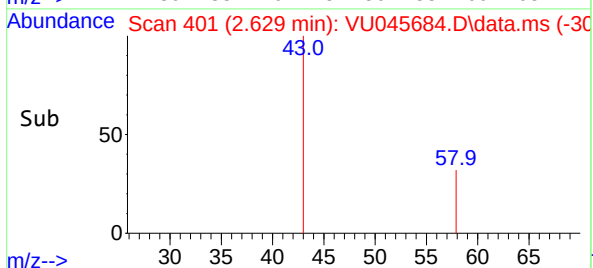
Tgt Ion:142 Resp: 576
Ion Ratio Lower Upper
142 100
127 36.3 32.2 48.2
141 0.0 11.3 16.9#

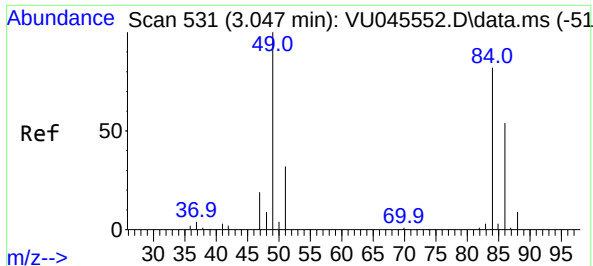


#16
Acetone
Concen: 0.854 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40



Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 32.1 26.2 39.2



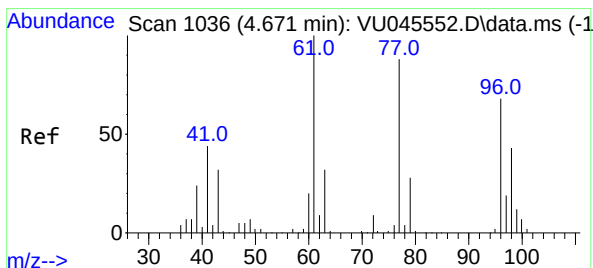
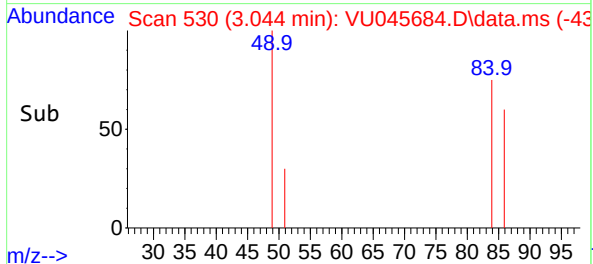
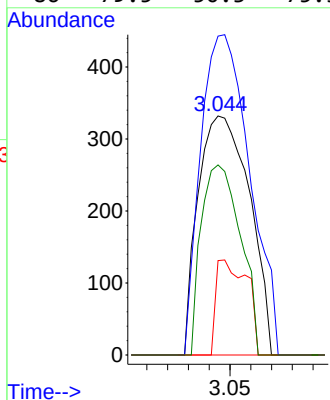
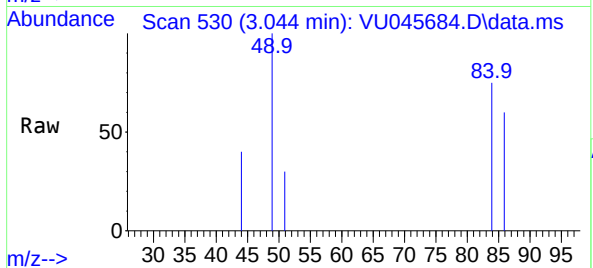


#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

Instrument :
MSVOA_U
ClientSampleId :
VU1110MBL01

Tgt Ion: 84 Resp: 569

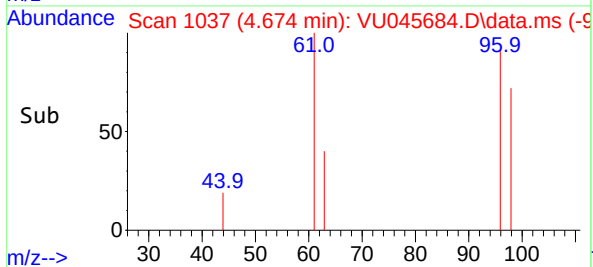
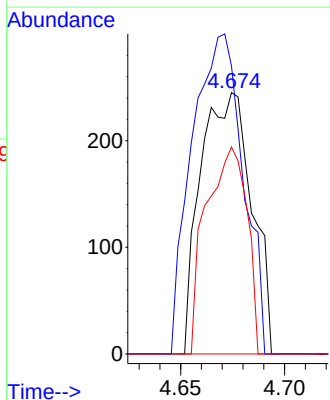
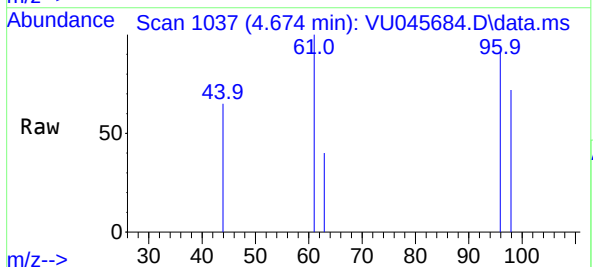
Ion	Ratio	Lower	Upper
84	100		
49	133.4	96.4	144.6
51	39.5	30.5	45.7
86	79.5	50.3	75.5

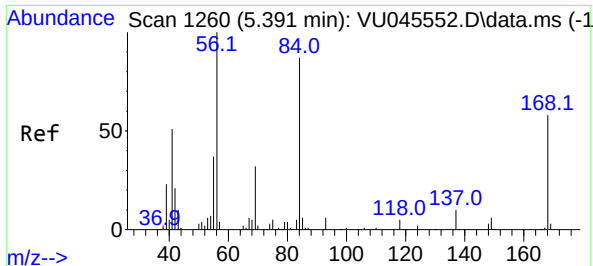


#27
cis-1,2-Dichloroethene
Concen: 0.242 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

Tgt Ion: 96 Resp: 420

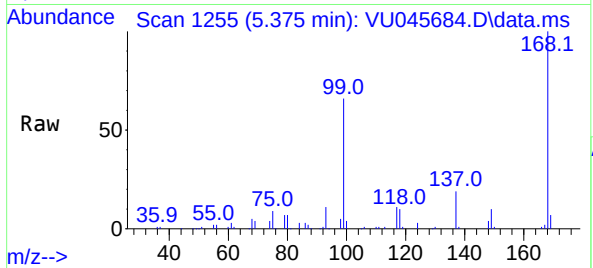
Ion	Ratio	Lower	Upper
96	100		
61	122.1	0.0	299.2
98	63.1	0.0	127.6



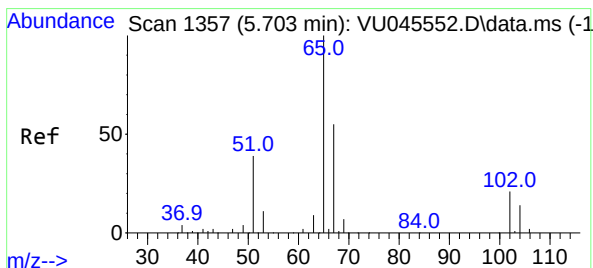
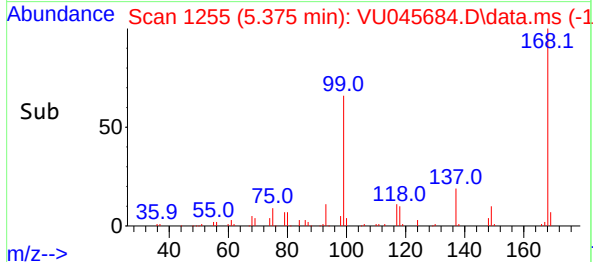
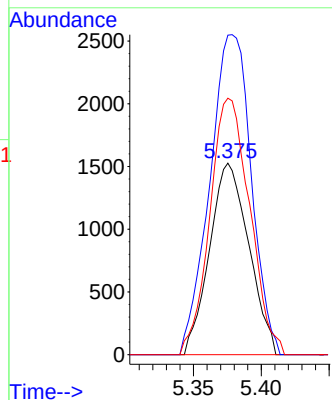


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

Instrument :
MSVOA_U
ClientSampleId :
VU1110MBL01

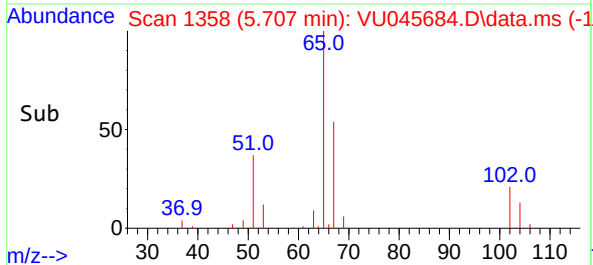
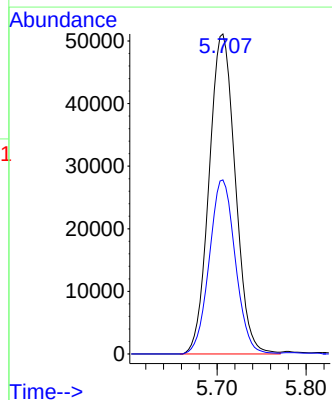
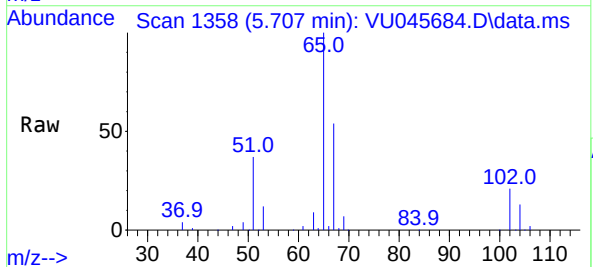


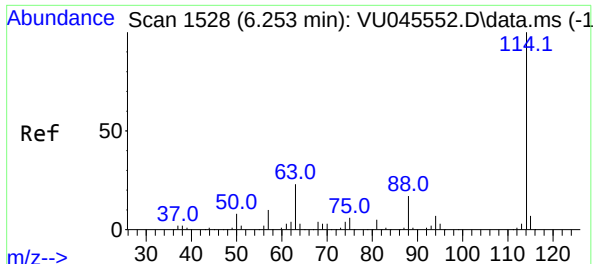
Tgt Ion: 56 Resp: 3068
Ion Ratio Lower Upper
56 100
69 166.9 26.4 39.6#
84 133.9 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 54.056 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

Tgt Ion: 65 Resp: 104352
Ion Ratio Lower Upper
65 100
67 54.1 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: VU045684.D

Acq: 10 Nov 2021 10:40

Instrument :

MSVOA_U

ClientSampleId :

VU1110MBL01

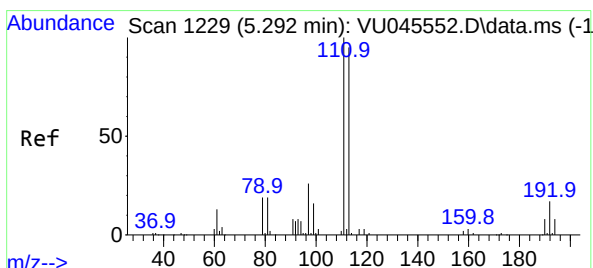
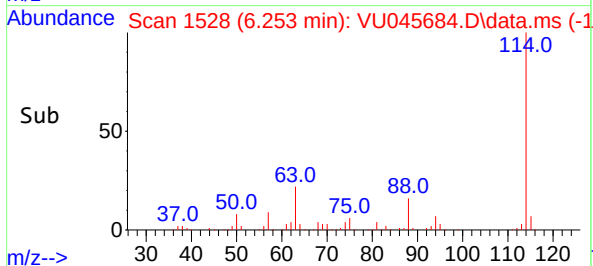
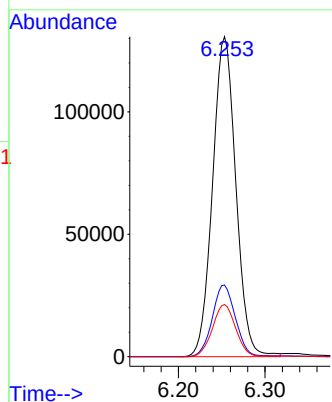
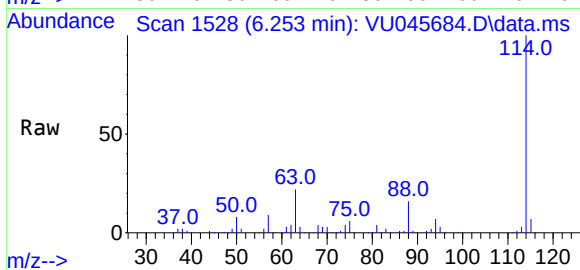
Tgt Ion:114 Resp: 243701

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

88 16.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.650 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045684.D

Acq: 10 Nov 2021 10:40

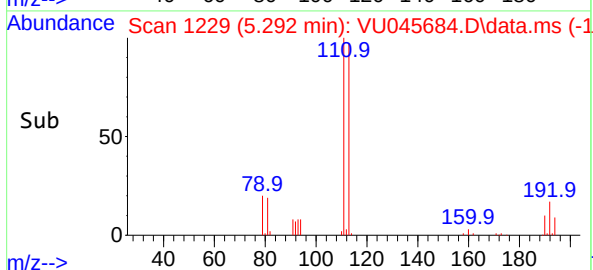
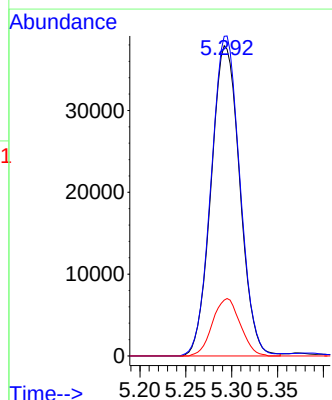
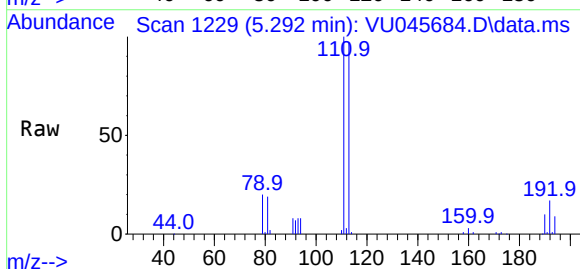
Tgt Ion:113 Resp: 82411

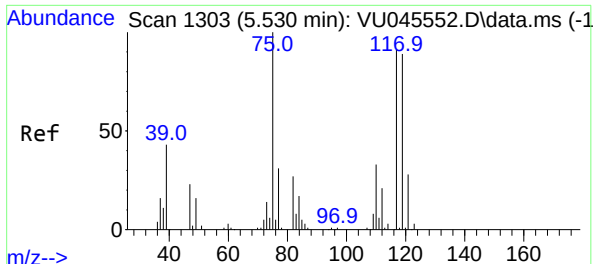
Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 17.9 14.8 22.2

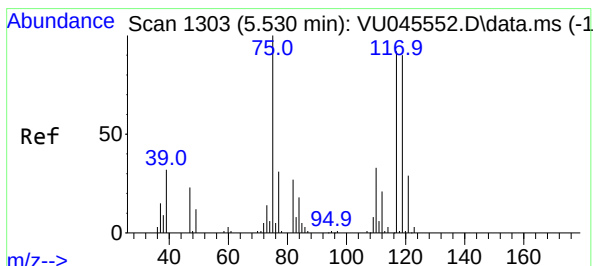
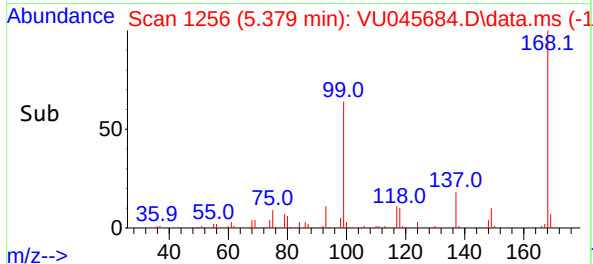
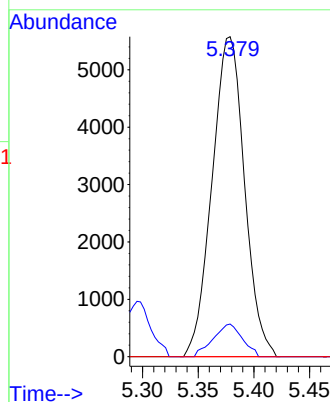
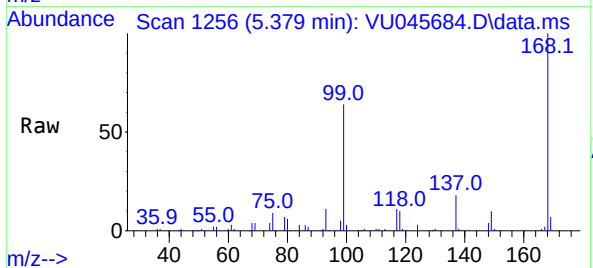




#36
1,1-Dichloropropene
Concen: 4.757 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

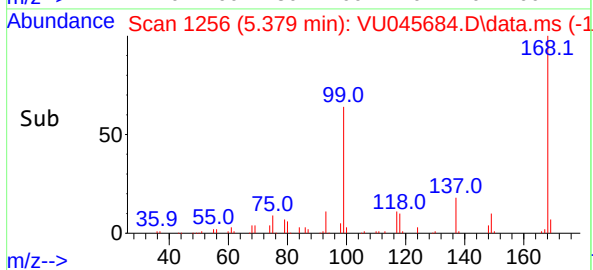
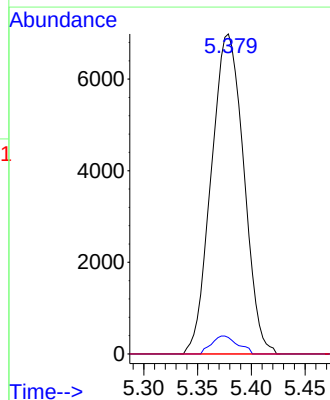
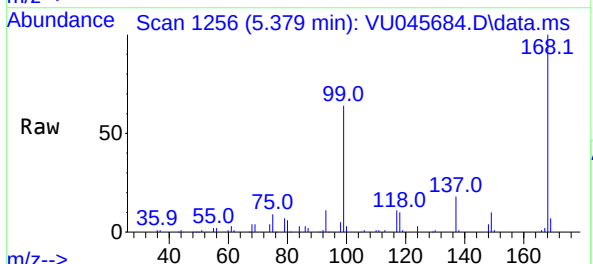
Instrument :
MSVOA_U
ClientSampleId :
VU1110MBL01

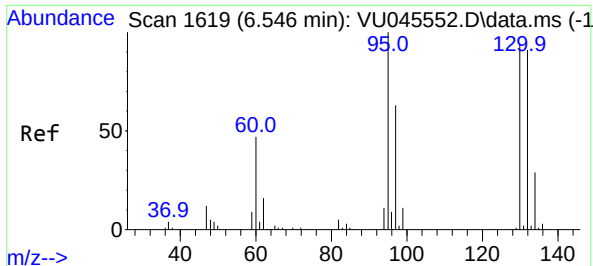
Tgt Ion: 75 Resp: 11303
Ion Ratio Lower Upper
75 100
110 9.2 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.133 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

Tgt Ion:117 Resp: 14692
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 24.8 37.2#

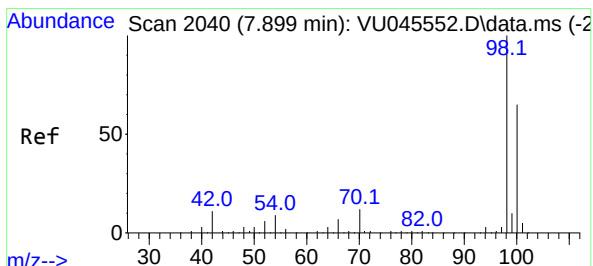
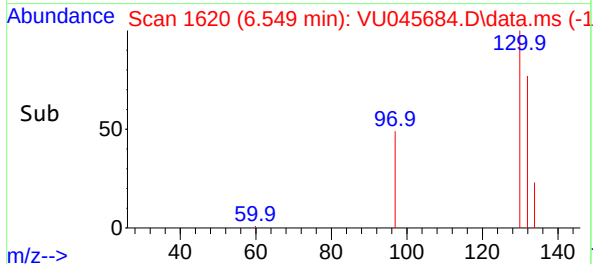
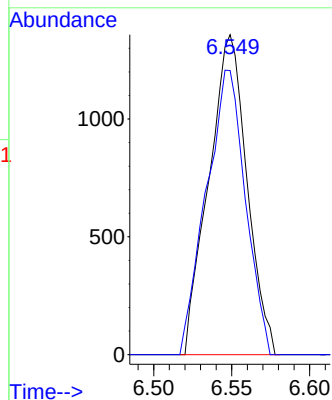
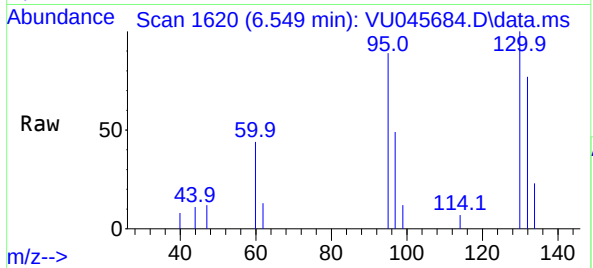




#44
Trichloroethene
Concen: 1.369 ug/l
RT: 6.549 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

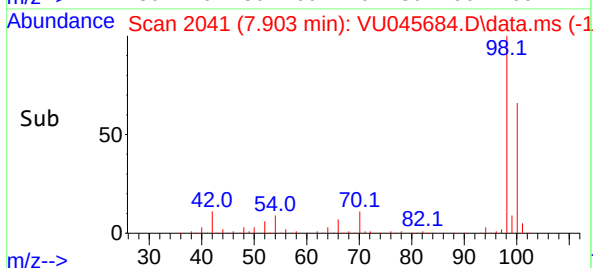
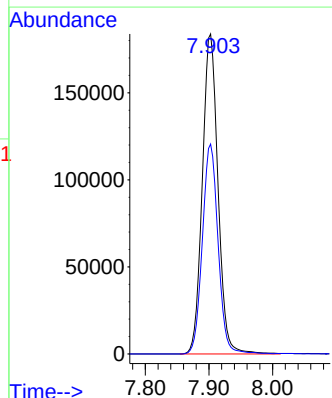
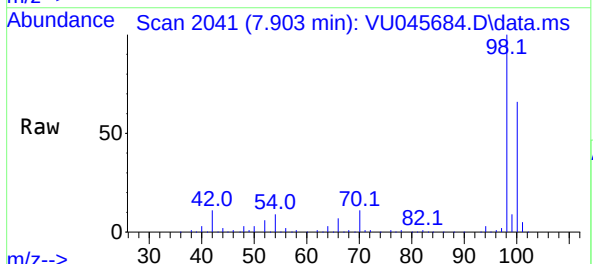
Instrument :
MSVOA_U
ClientSampleId :
VU1110MBL01

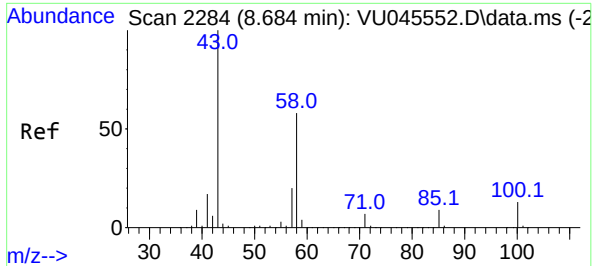
Tgt Ion:130 Resp: 2306
Ion Ratio Lower Upper
130 100
95 88.8 0.0 211.4



#50
Toluene-d8
Concen: 52.022 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

Tgt Ion: 98 Resp: 314745
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

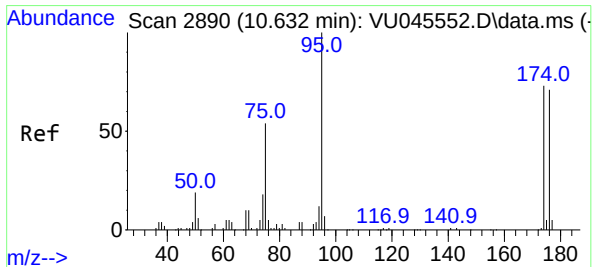
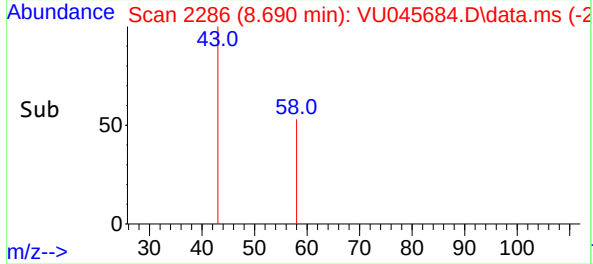
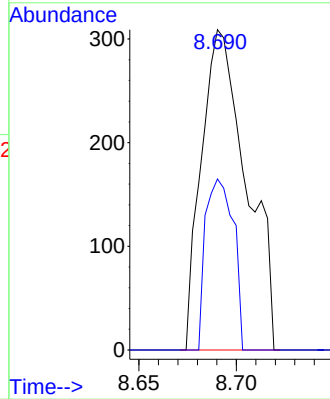
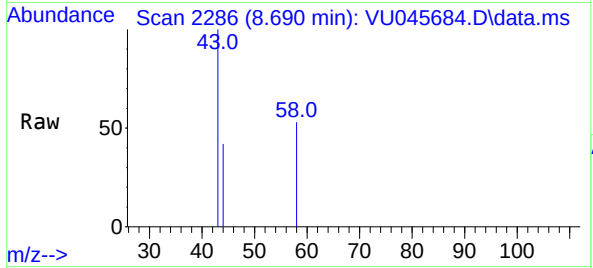




#59
2-Hexanone
Concen: 7.736 ug/l
RT: 8.690 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

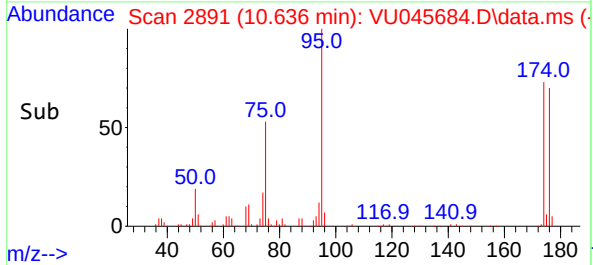
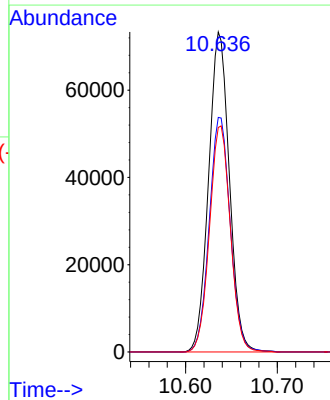
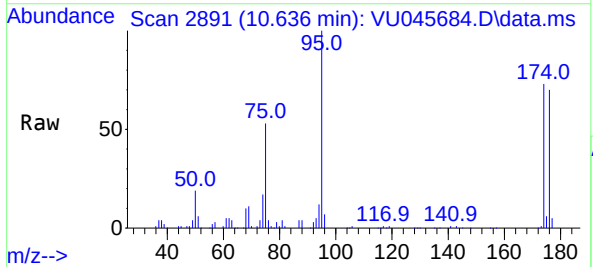
Instrument :
MSVOA_U
ClientSampleId :
VU1110MBL01

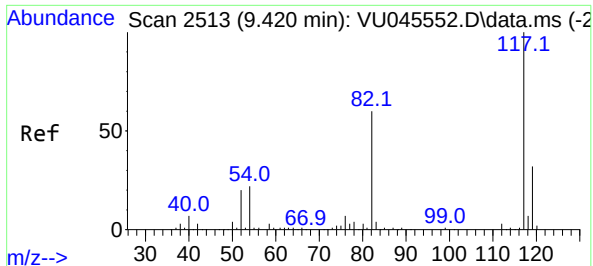
Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
58 33.0 29.5 88.6



#62
4-Bromofluorobenzene
Concen: 47.386 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

Tgt Ion: 95 Resp: 114963
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.8
176 70.9 0.0 138.2

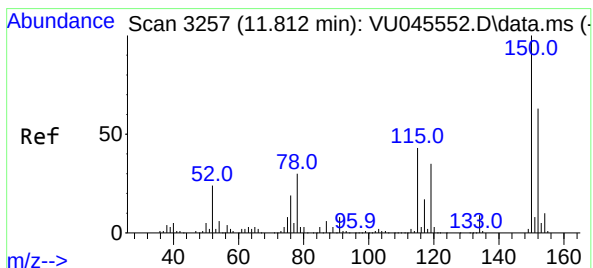
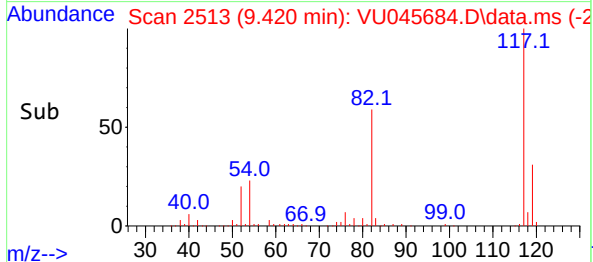
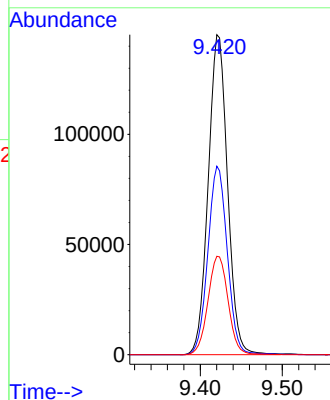
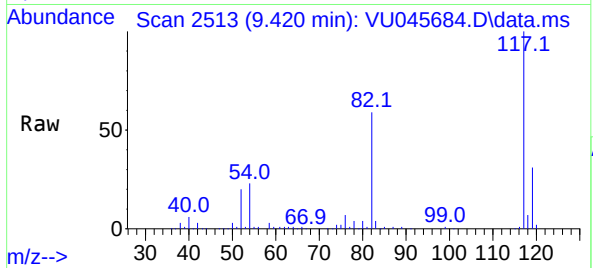




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

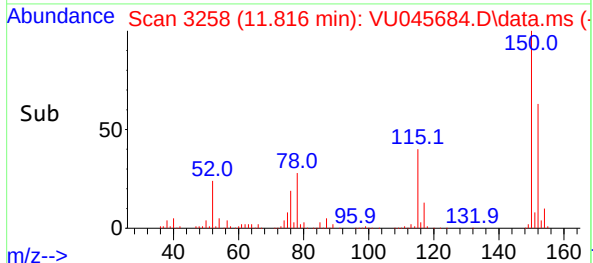
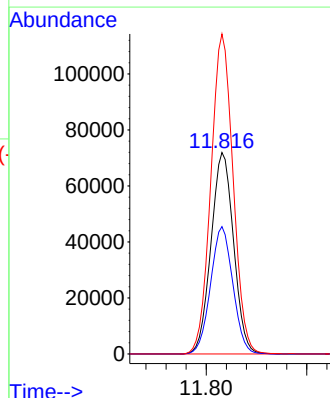
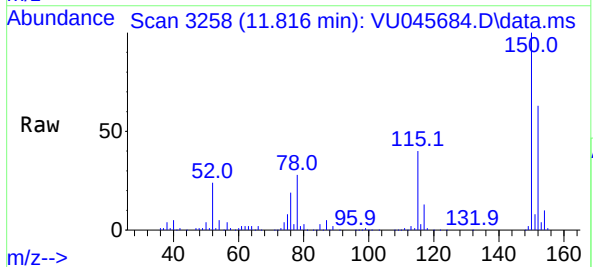
Instrument :
MSVOA_U
ClientSampleId :
VU1110MBL01

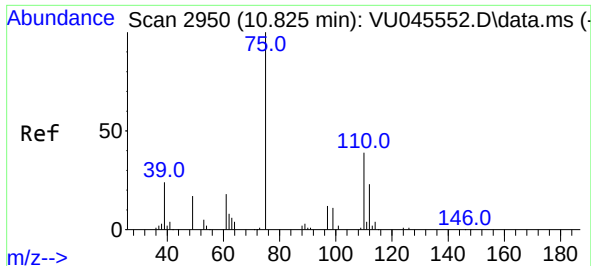
Tgt Ion:117 Resp: 237648
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 30.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045684.D
Acq: 10 Nov 2021 10:40

Tgt Ion:152 Resp: 112216
Ion Ratio Lower Upper
152 100
115 62.4 42.7 128.1
150 156.3 0.0 346.8

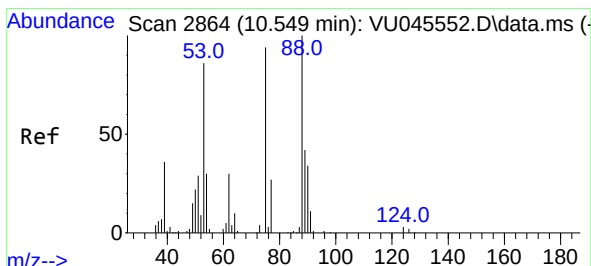
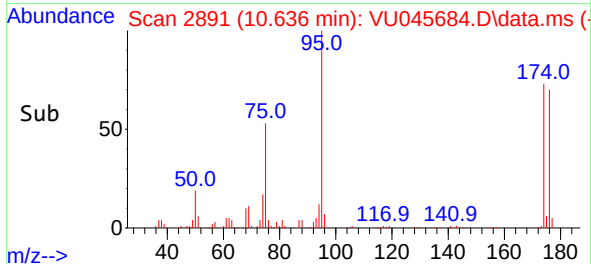
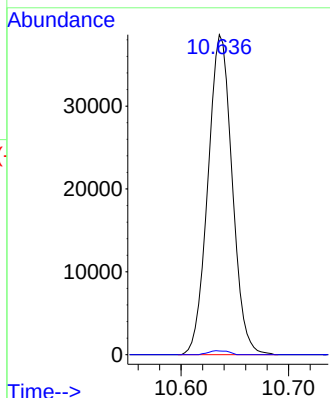
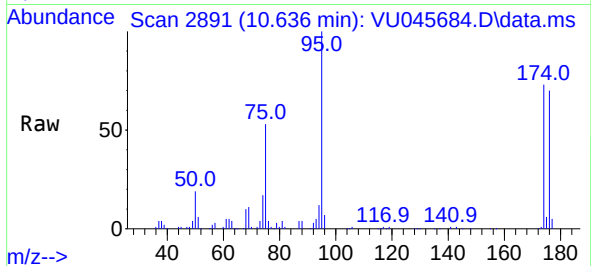




#76
 1,2,3-Trichloropropane
 Concen: 17.804 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045684.D
 Acq: 10 Nov 2021 10:40

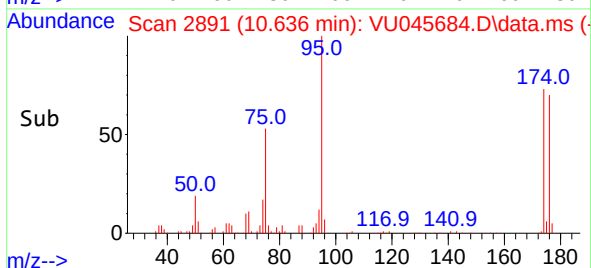
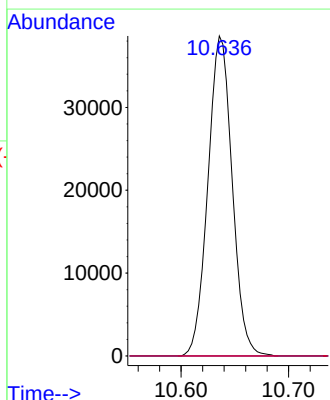
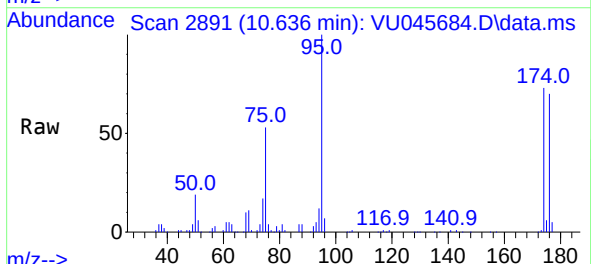
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1110MBL01

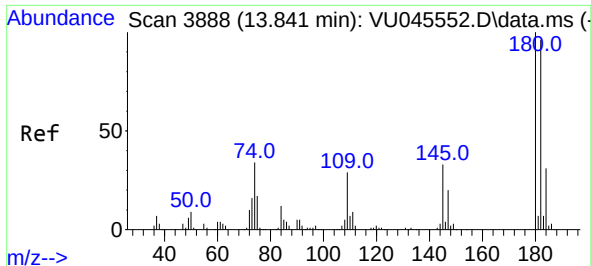
Tgt Ion: 75 Resp: 60587
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.1 51.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.826 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. 0.087 min
 Lab File: VU045684.D
 Acq: 10 Nov 2021 10:40

Tgt Ion: 75 Resp: 60587
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.4#
 89 0.0 34.0 51.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.271 ug/l

RT: 13.848 min Scan# 3888

Delta R.T. 0.006 min

Lab File: VU045684.D

Acq: 10 Nov 2021 10:40

Instrument :

MSVOA_U

ClientSampleId :

VU1110MBL01

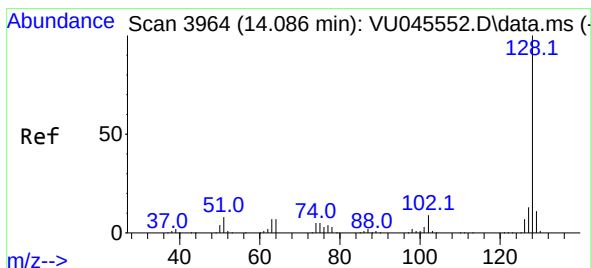
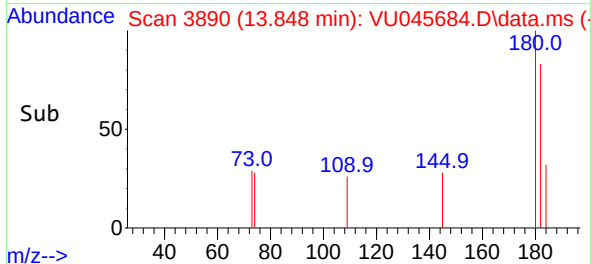
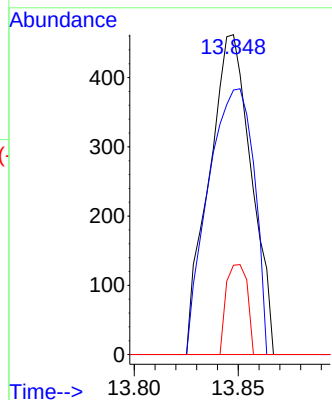
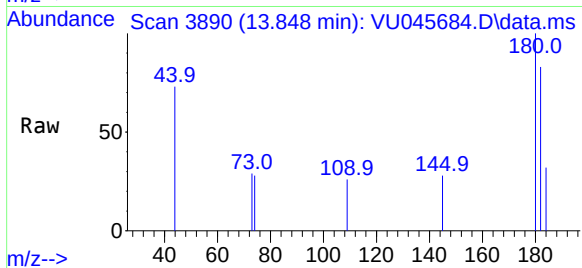
Tgt Ion:180 Resp: 655

Ion Ratio Lower Upper

180 100

182 89.6 47.0 141.2

145 13.9 15.6 46.7#



#95

Naphthalene

Concen: 1.336 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU045684.D

Acq: 10 Nov 2021 10:40

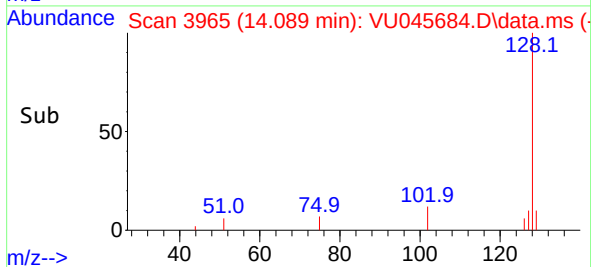
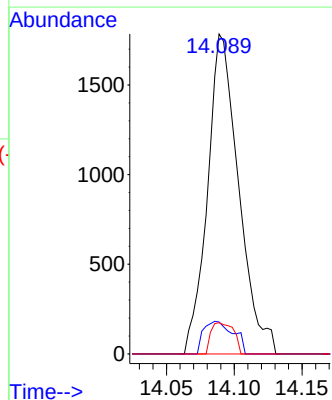
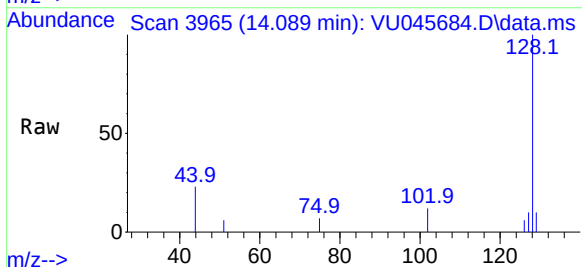
Tgt Ion:128 Resp: 2852

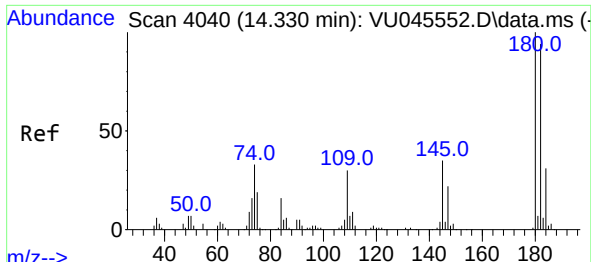
Ion Ratio Lower Upper

128 100

127 9.7 10.6 15.8#

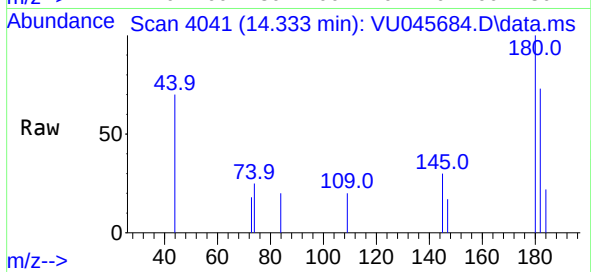
129 7.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.375 ug/l
 RT: 14.333 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU045684.D
 Acq: 10 Nov 2021 10:40

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1110MBL01



Tgt Ion:	180	Resp:	901
Ion	Ratio	Lower	Upper
180	100		
182	86.6	47.7	143.1
145	24.4	16.7	50.0

