

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045714.D
 Acq On : 11 Nov 2021 02:08
 Operator : SY/MD
 Sample : M4599-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 02:36:14 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)

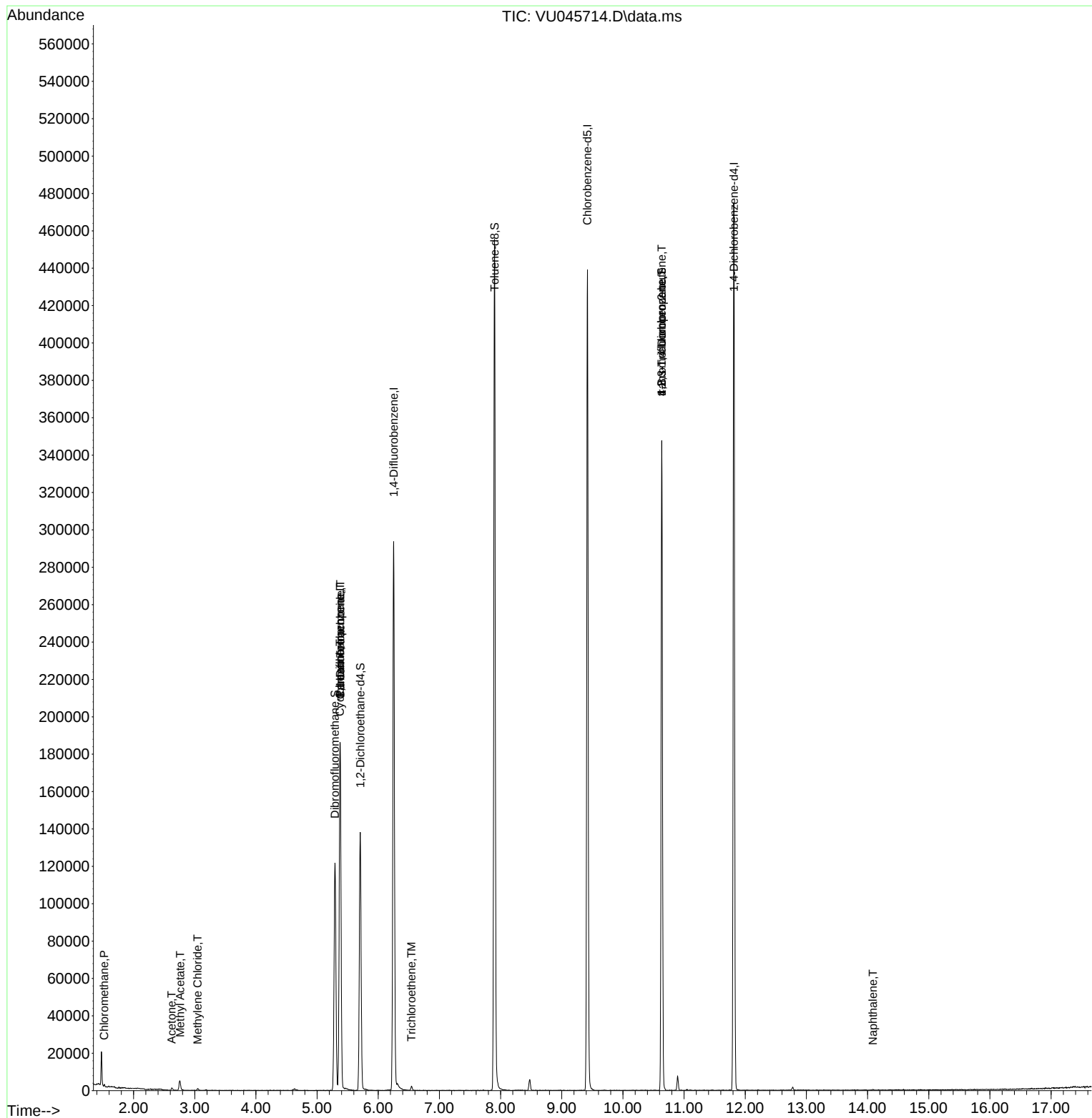
Internal Standards						
1) Pentafluorobenzene	5.375	168	122960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	228330	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	237298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	119651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	101421	55.076	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.160%	
35) Dibromofluoromethane	5.292	113	78947	51.788	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.580%	
50) Toluene-d8	7.902	98	302707	53.401	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.800%	
62) 4-Bromofluorobenzene	10.635	95	115386	50.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	845	0.463	ug/l	88
16) Acetone	2.623	43	1388	1.481	ug/l	98
18) Methyl Acetate	2.761	43	1413	0.443	ug/l #	50
20) Methylene Chloride	3.044	84	413	0.254	ug/l	97
31) Cyclohexane	5.372	56	2928	1.090	ug/l #	11
36) 1,1-Dichloropropene	5.375	75	10758	4.832	ug/l #	49
38) Carbon Tetrachloride	5.378	117	13510	6.019	ug/l #	15
44) Trichloroethene	6.542	130	665	0.421	ug/l	98
76) 1,2,3-Trichloropropane	10.635	75	60832	16.765	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.635	75	60832	54.627	ug/l #	12
95) Naphthalene	14.089	128	276	1.057	ug/l #	69

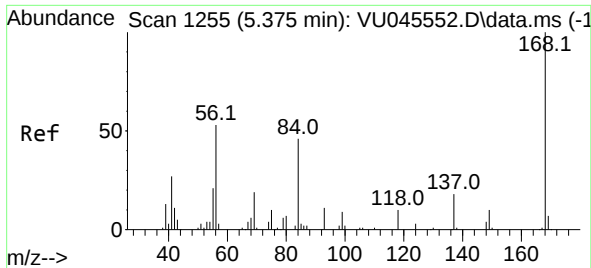
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
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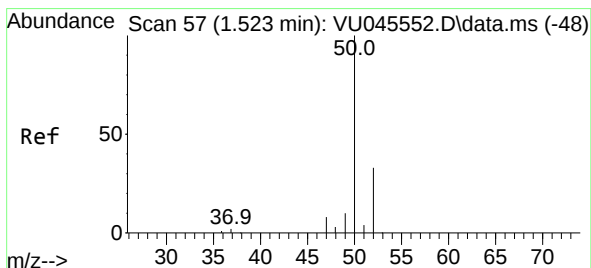
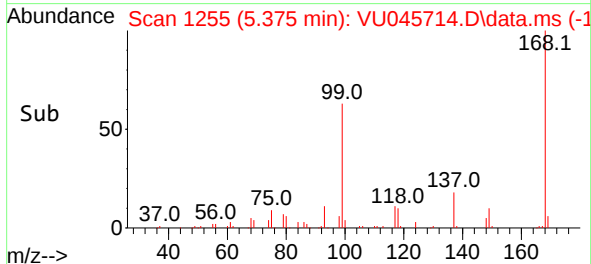
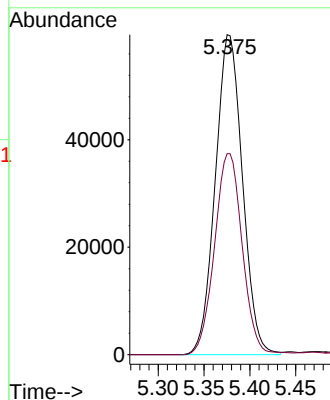
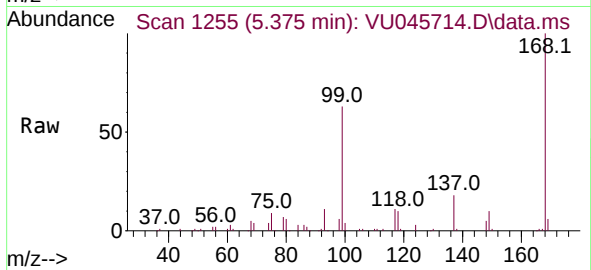




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045714.D
Acq: 11 Nov 2021 02:08

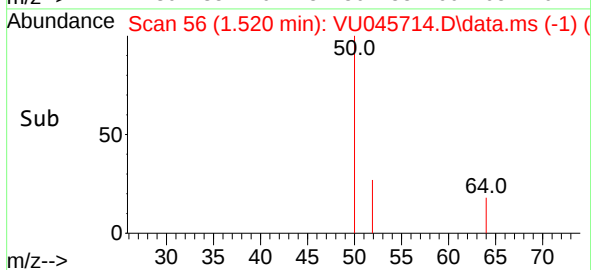
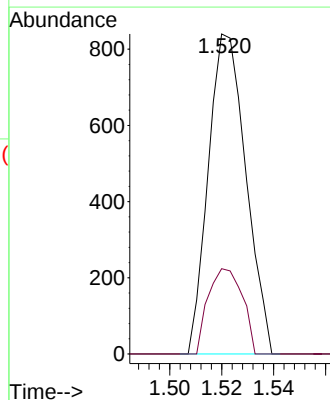
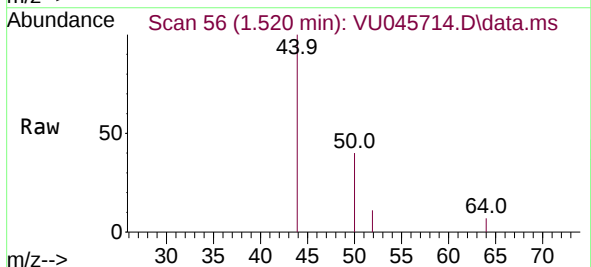
Instrument :
MSVOA_U
ClientSampleId :

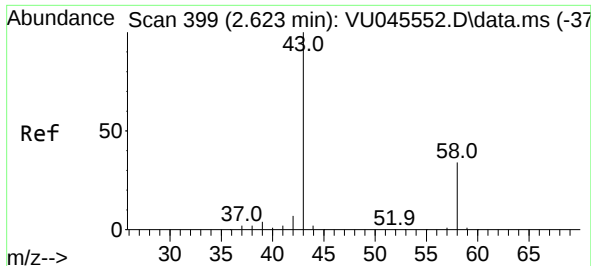
Tgt Ion:168 Resp: 122960
Ion Ratio Lower Upper
168 100
99 62.8 51.0 76.6



#3
Chloromethane
Concen: 0.463 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045714.D
Acq: 11 Nov 2021 02:08

Tgt Ion: 50 Resp: 845
Ion Ratio Lower Upper
50 100
52 26.7 26.6 40.0





#16

Acetone

Concen: 1.481 ug/l

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU045714.D

Acq: 11 Nov 2021 02:08

Instrument :

MSVOA_U

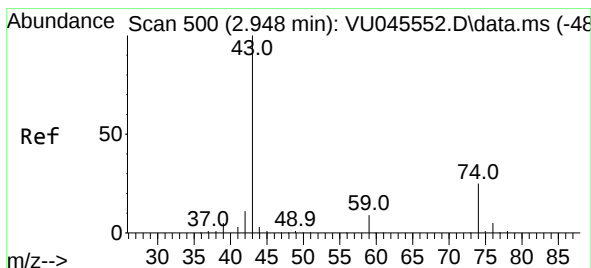
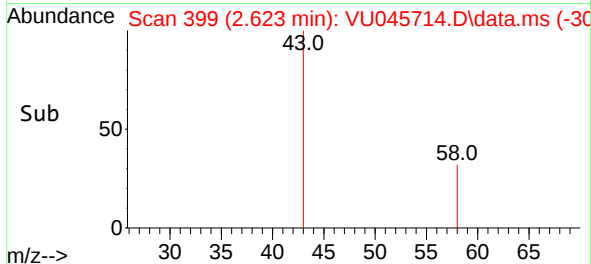
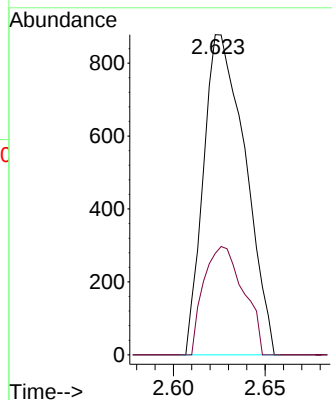
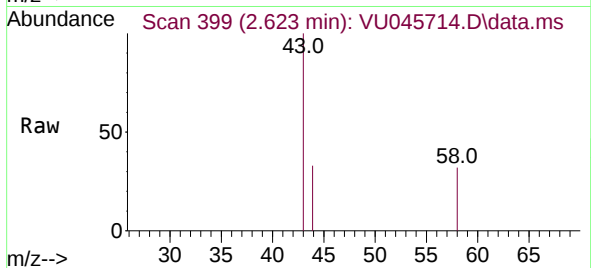
ClientSampleId :

Tgt Ion: 43 Resp: 1388

Ion Ratio Lower Upper

43 100

58 31.7 26.2 39.2



#18

Methyl Acetate

Concen: 0.443 ug/l

RT: 2.761 min Scan# 442

Delta R.T. -0.187 min

Lab File: VU045714.D

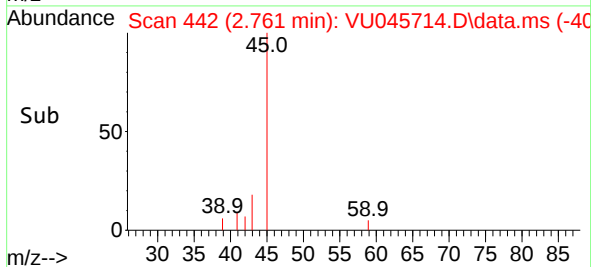
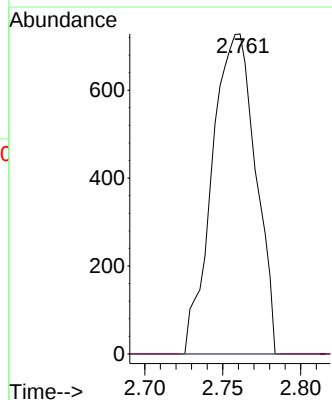
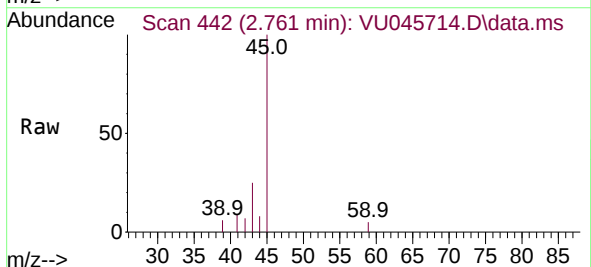
Acq: 11 Nov 2021 02:08

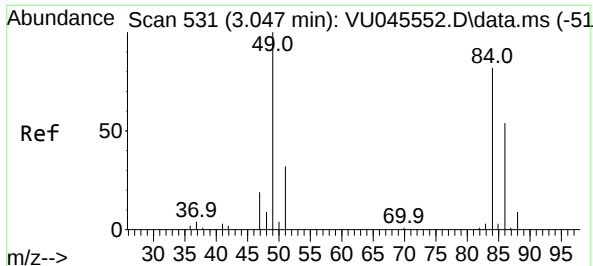
Tgt Ion: 43 Resp: 1413

Ion Ratio Lower Upper

43 100

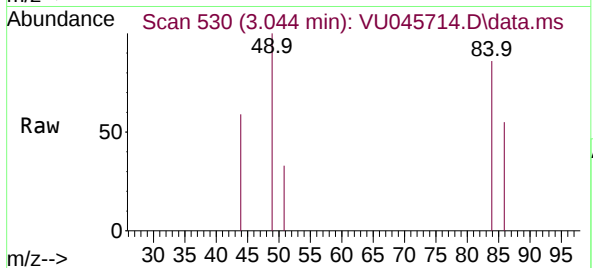
74 0.0 20.2 30.2#





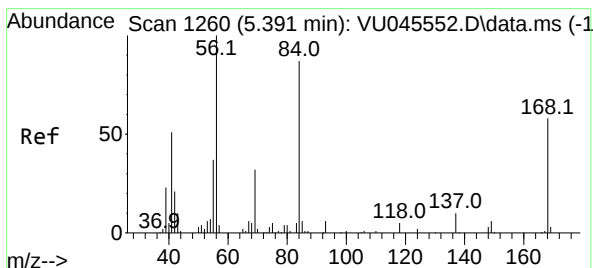
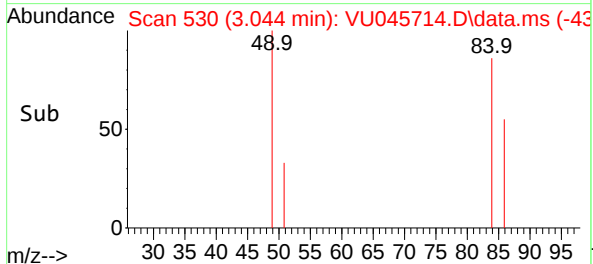
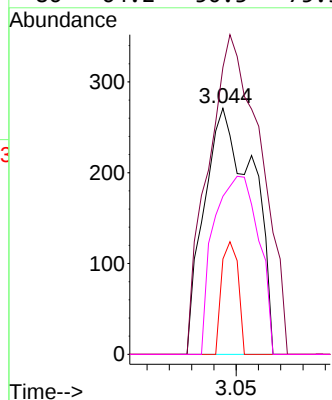
#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU045714.D
Acq: 11 Nov 2021 02:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 413

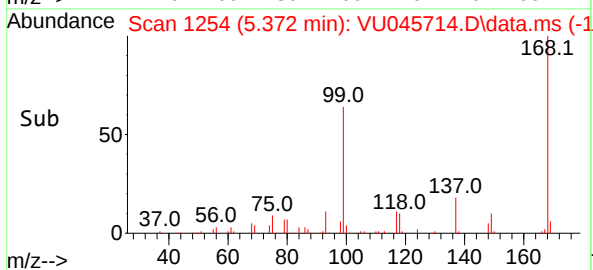
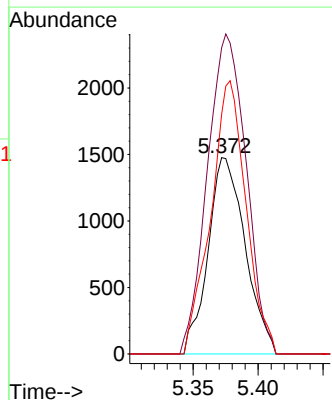
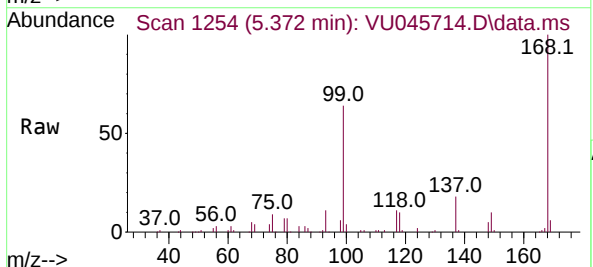
Ion	Ratio	Lower	Upper
84	100		
49	116.6	96.4	144.6
51	38.7	30.5	45.7
86	64.2	50.3	75.5

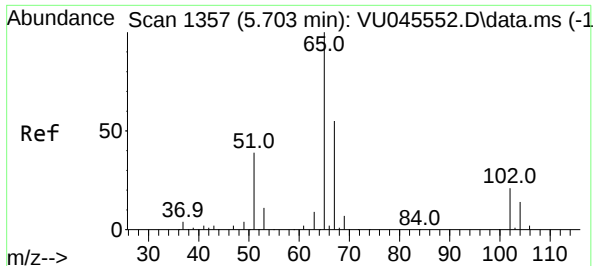


#31
Cyclohexane
Concen: 1.090 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.019 min
Lab File: VU045714.D
Acq: 11 Nov 2021 02:08

Tgt Ion: 56 Resp: 2928

Ion	Ratio	Lower	Upper
56	100		
69	156.0	26.4	39.6#
84	122.1	68.4	102.6#





#33

1,2-Dichloroethane-d4

Concen: 55.076 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045714.D

Acq: 11 Nov 2021 02:08

Instrument :

MSVOA_U

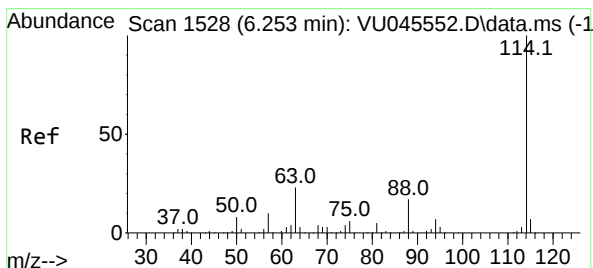
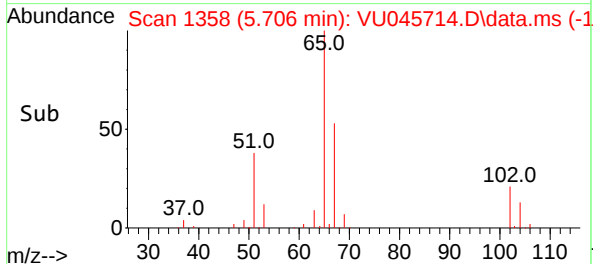
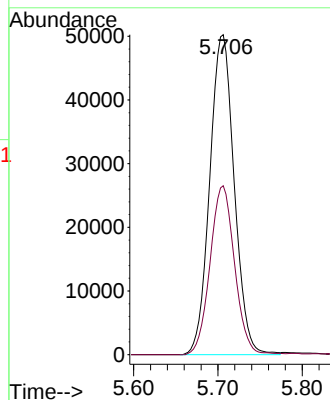
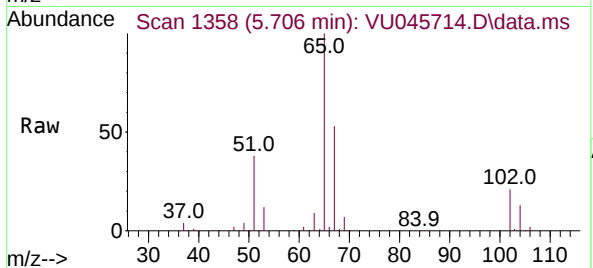
ClientSampleId :

Tgt Ion: 65 Resp: 101421

Ion Ratio Lower Upper

65 100

67 52.9 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: VU045714.D

Acq: 11 Nov 2021 02:08

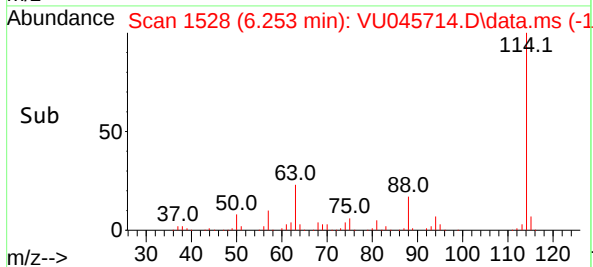
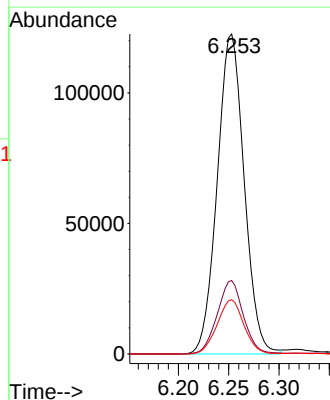
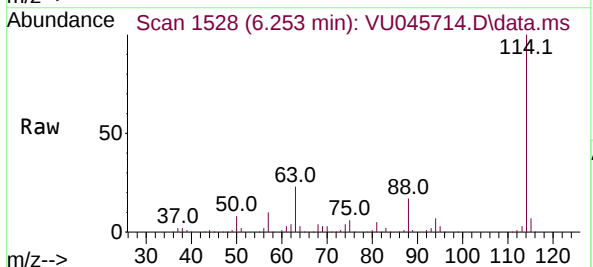
Tgt Ion: 114 Resp: 228330

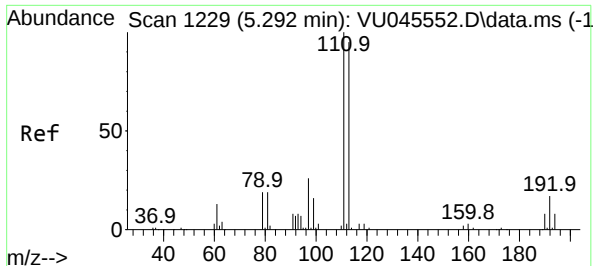
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.788 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045714.D

Acq: 11 Nov 2021 02:08

Instrument :

MSVOA_U

ClientSampleId :

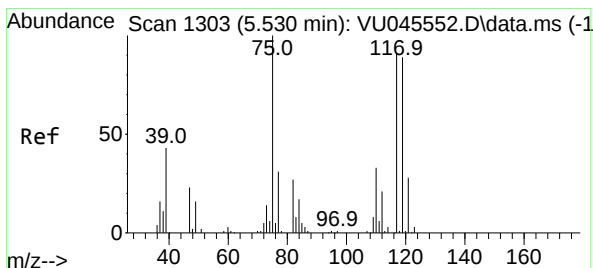
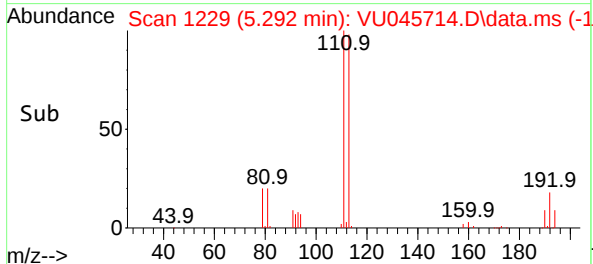
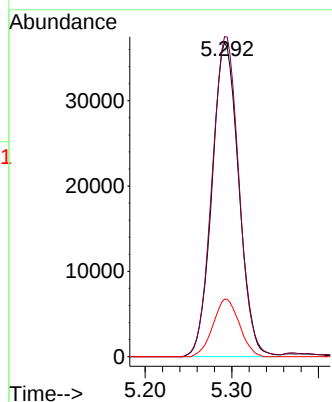
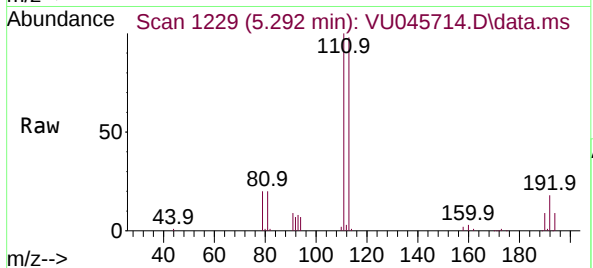
Tgt Ion:113 Resp: 78947

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 18.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.832 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045714.D

Acq: 11 Nov 2021 02:08

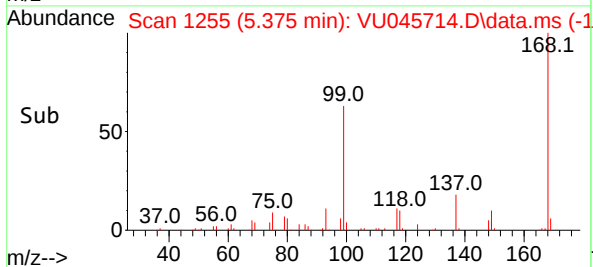
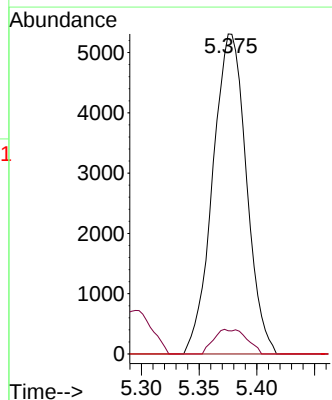
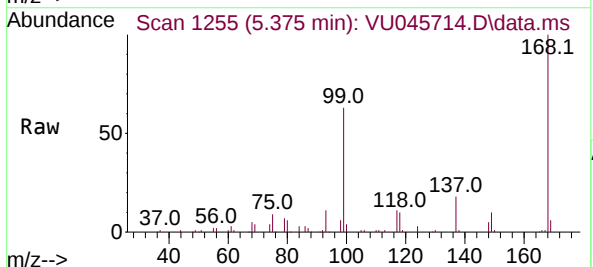
Tgt Ion: 75 Resp: 10758

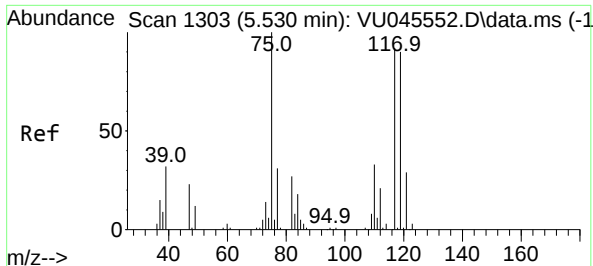
Ion Ratio Lower Upper

75 100

110 7.5 16.7 50.0#

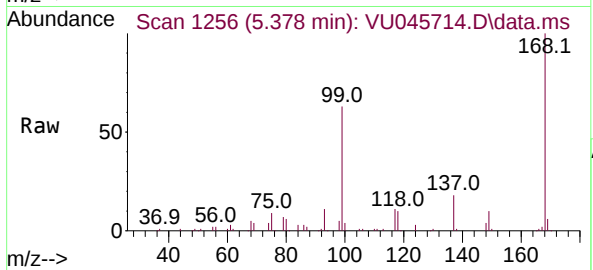
77 0.0 25.0 37.4#



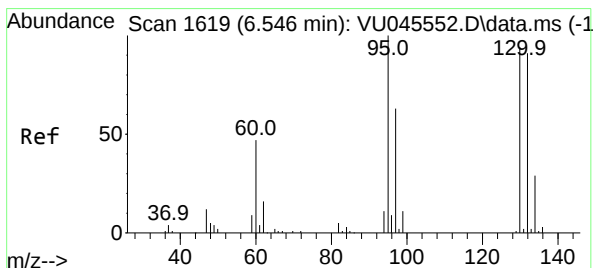
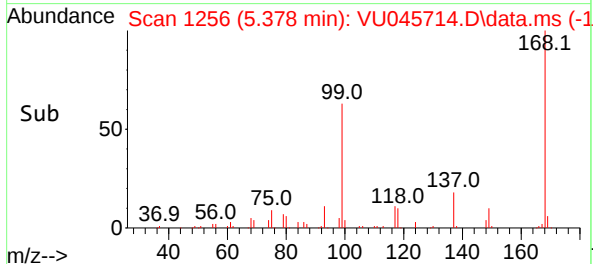
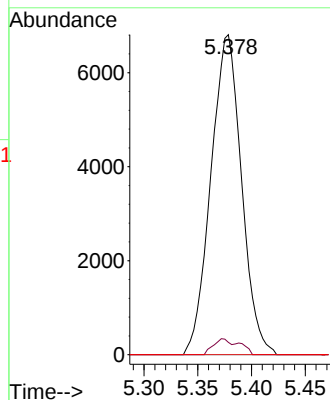


#38
Carbon Tetrachloride
Concen: 6.019 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045714.D
Acq: 11 Nov 2021 02:08

Instrument :
MSVOA_U
ClientSampleId :

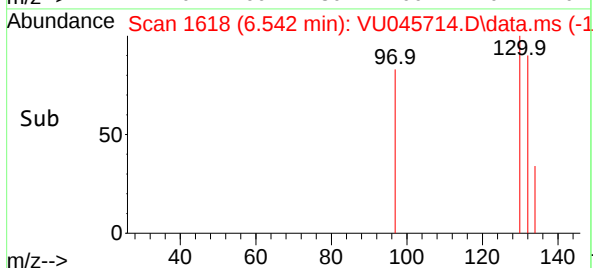
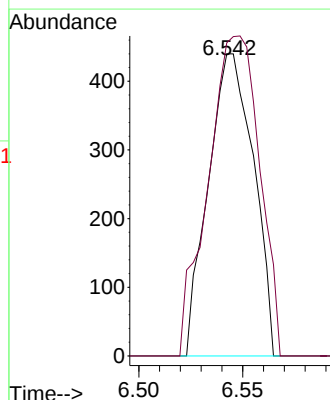
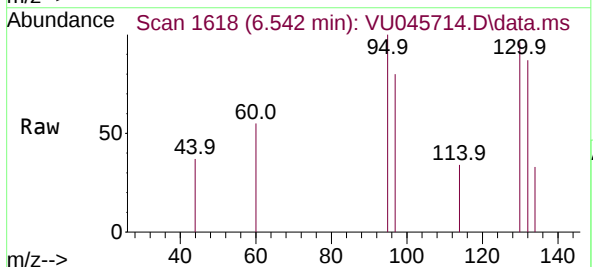


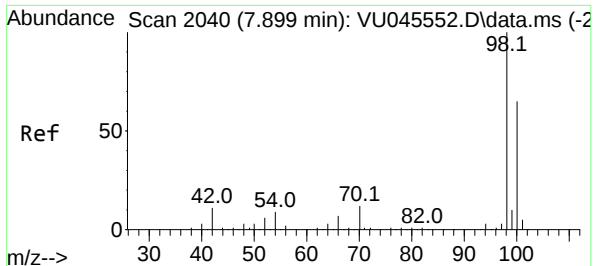
Tgt Ion:117 Resp: 13510
Ion Ratio Lower Upper
117 100
119 3.9 77.4 116.0#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.421 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045714.D
Acq: 11 Nov 2021 02:08

Tgt Ion:130 Resp: 665
Ion Ratio Lower Upper
130 100
95 103.6 0.0 211.4





#50

Toluene-d8

Concen: 53.401 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. 0.003 min

Lab File: VU045714.D

Acq: 11 Nov 2021 02:08

Instrument :

MSVOA_U

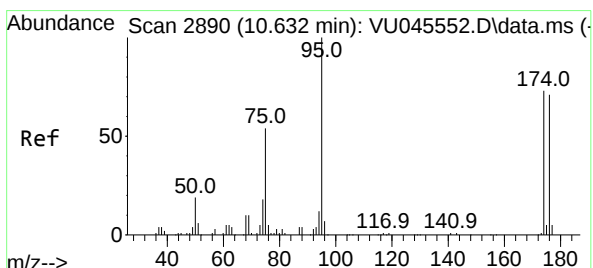
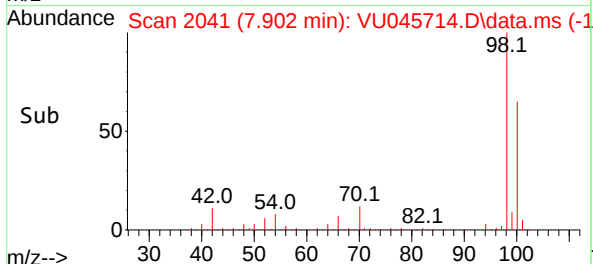
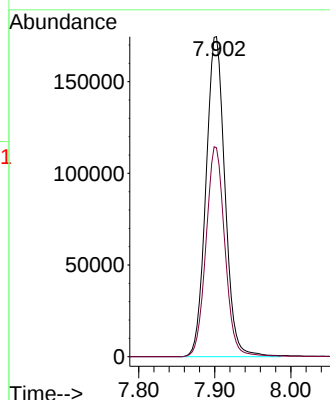
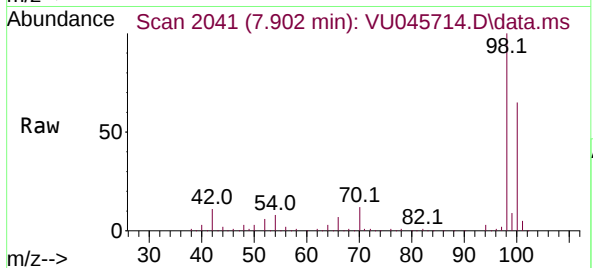
ClientSampleId :

Tgt Ion: 98 Resp: 302707

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 50.762 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045714.D

Acq: 11 Nov 2021 02:08

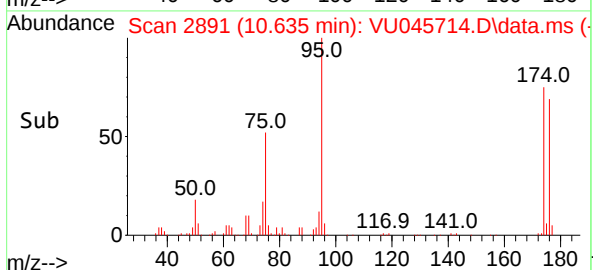
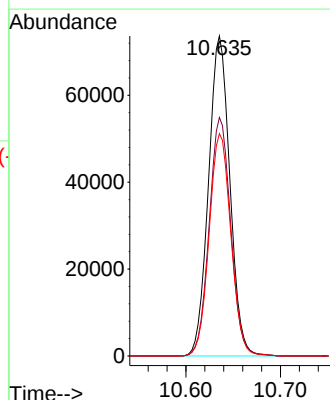
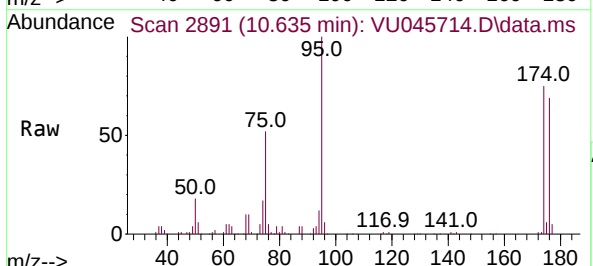
Tgt Ion: 95 Resp: 115386

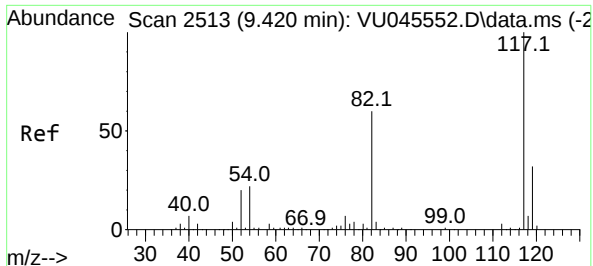
Ion Ratio Lower Upper

95 100

174 75.3 0.0 141.8

176 70.7 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: VU045714.D

Acq: 11 Nov 2021 02:08

Instrument :

MSVOA_U

ClientSampleId :

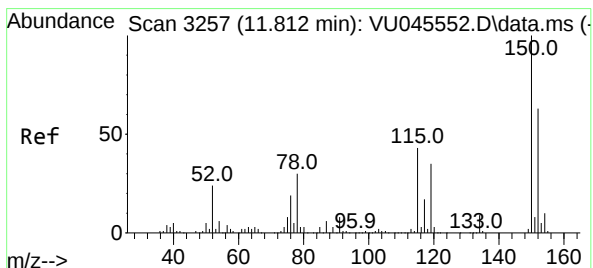
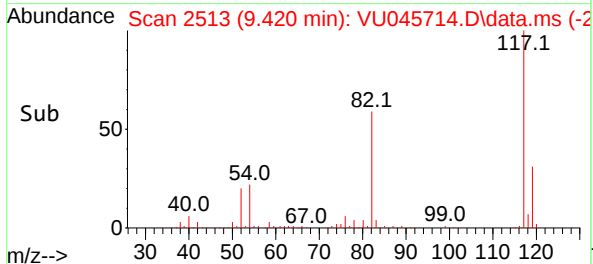
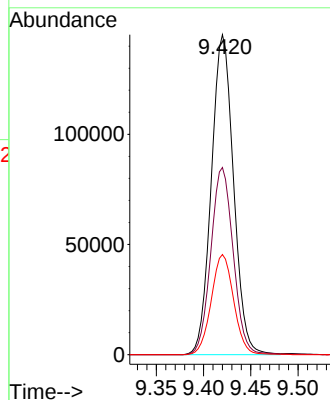
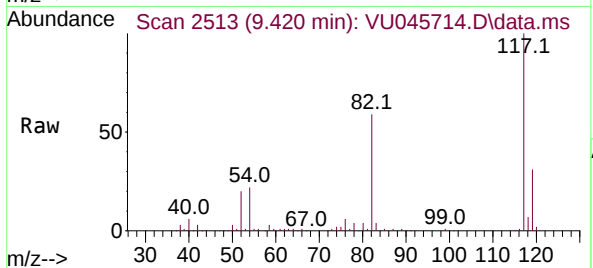
Tgt Ion:117 Resp: 237298

Ion Ratio Lower Upper

117 100

82 58.5 47.8 71.8

119 31.3 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: VU045714.D

Acq: 11 Nov 2021 02:08

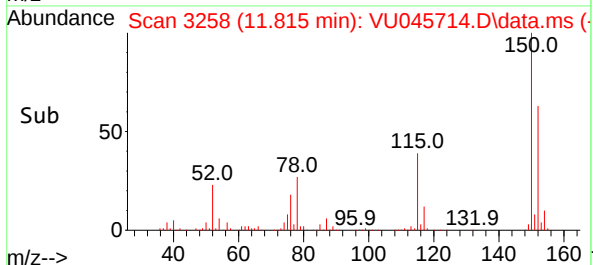
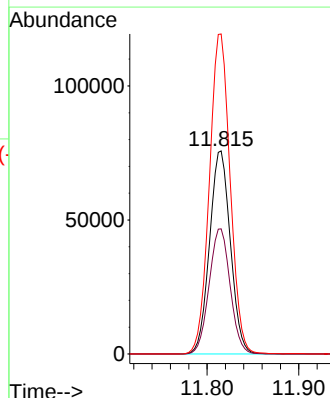
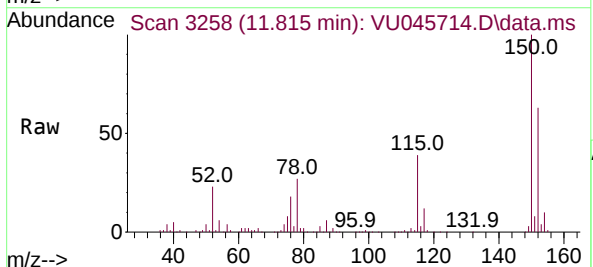
Tgt Ion:152 Resp: 119651

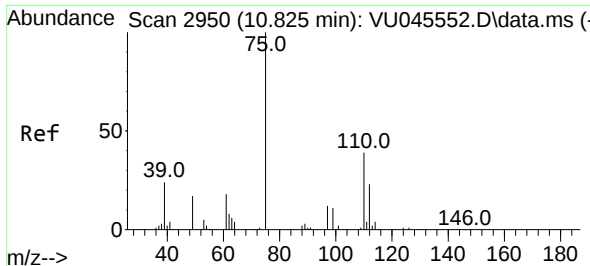
Ion Ratio Lower Upper

152 100

115 62.1 42.7 128.1

150 157.0 0.0 346.8

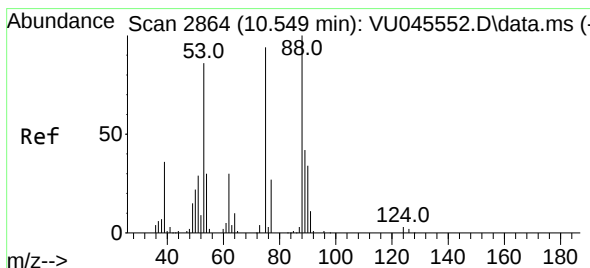
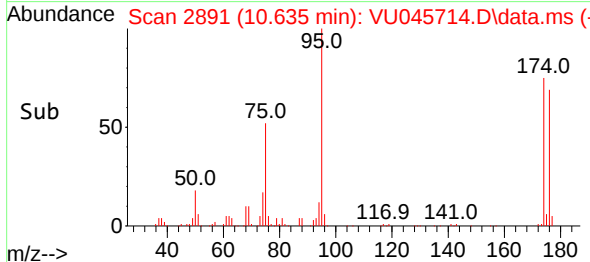
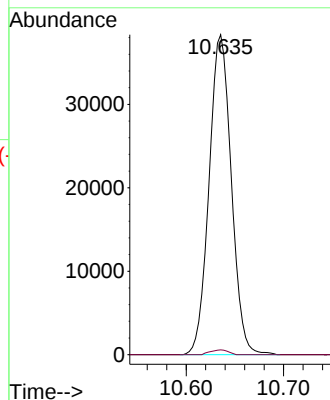
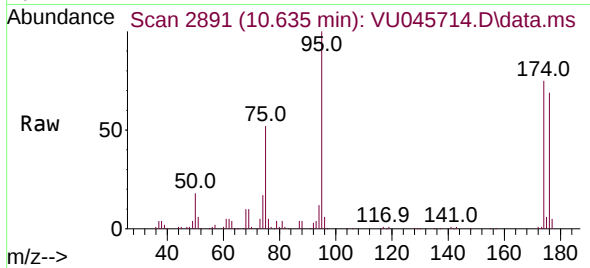




#76
1,2,3-Trichloropropane
Concen: 16.765 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045714.D
Acq: 11 Nov 2021 02:08

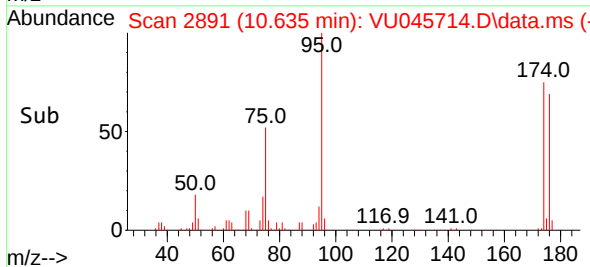
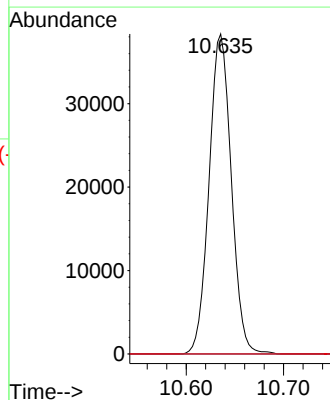
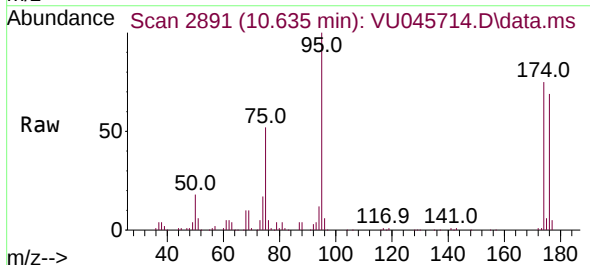
Instrument :
MSVOA_U
ClientSampleId :

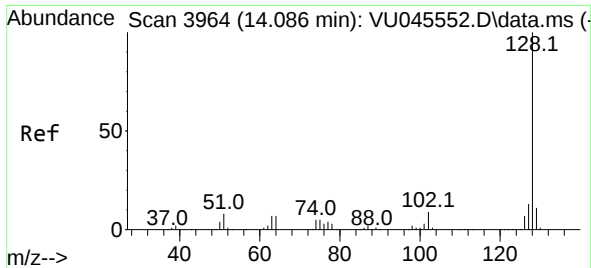
Tgt Ion: 75 Resp: 60832
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.627 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045714.D
Acq: 11 Nov 2021 02:08

Tgt Ion: 75 Resp: 60832
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.057 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

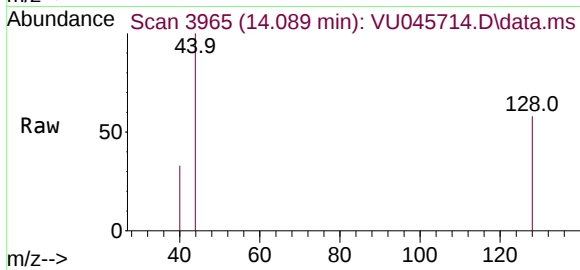
Lab File: VU045714.D

Acq: 11 Nov 2021 02:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 276

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

