

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045715.D
 Acq On : 11 Nov 2021 02:32
 Operator : SY/MD
 Sample : M4599-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB

Quant Time: Nov 11 13:08:14 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)

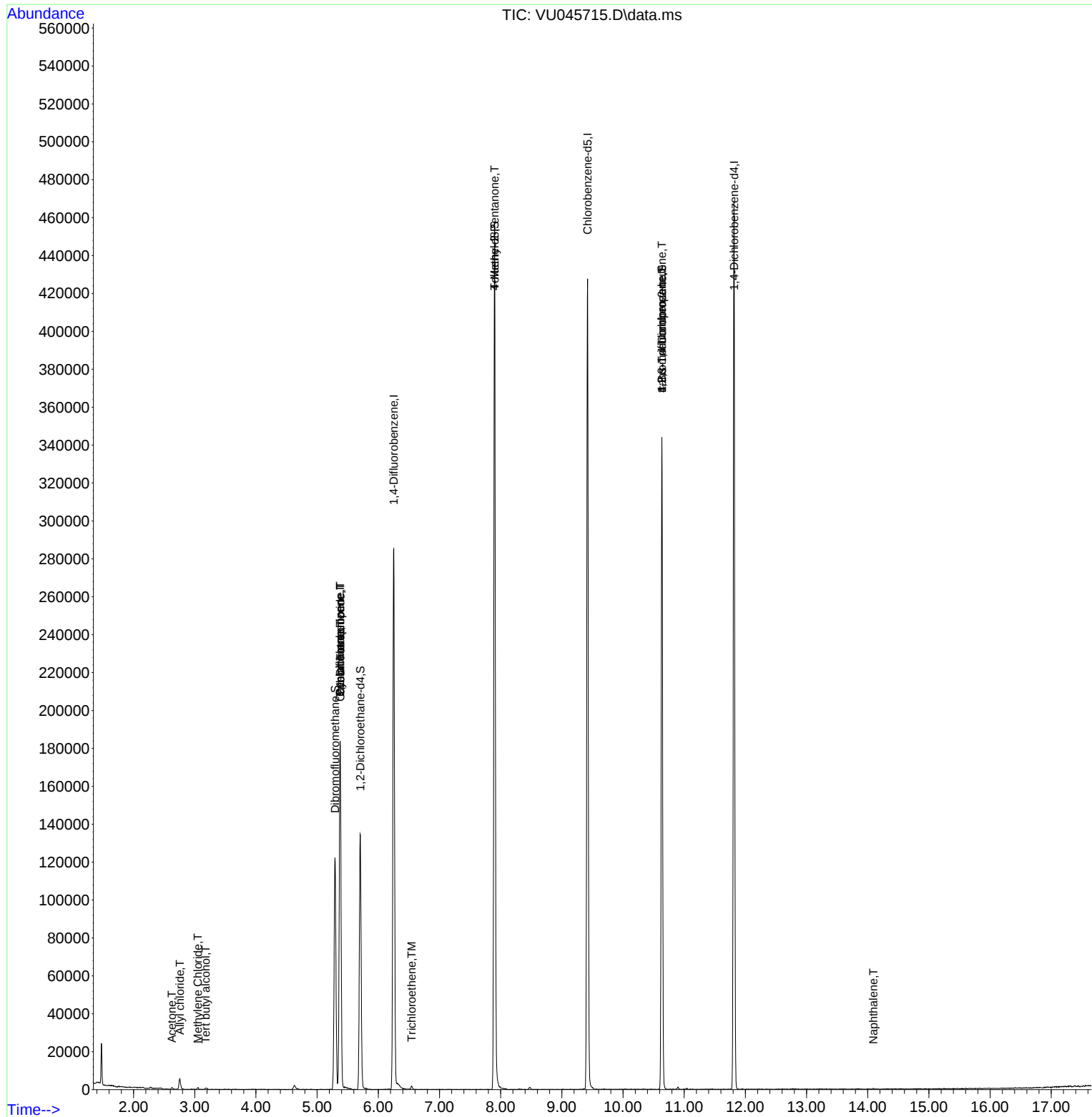
Internal Standards						
1) Pentafluorobenzene	5.375	168	121266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	226445	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	234589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	115779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	99133	54.586	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.180%	
35) Dibromofluoromethane	5.292	113	78747	52.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.180%	
50) Toluene-d8	7.899	98	299091	53.202	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.400%	
62) 4-Bromofluorobenzene	10.636	95	112124	49.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.179	59	262	0.729	ug/l #	72
14) Allyl chloride	2.758	41	555	0.233	ug/l #	54
16) Acetone	2.626	43	1095	1.184	ug/l	92
20) Methylene Chloride	3.051	84	472	0.294	ug/l	88
31) Cyclohexane	5.375	56	2801	1.057	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10863	4.920	ug/l #	50
38) Carbon Tetrachloride	5.379	117	13100	5.885	ug/l #	16
44) Trichloroethene	6.546	130	604	0.386	ug/l	88
51) 4-Methyl-2-Pentanone	7.899	43	1196	0.467	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	58919	16.781	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	58919	54.675	ug/l #	12
95) Naphthalene	14.092	128	295	1.060	ug/l #	69

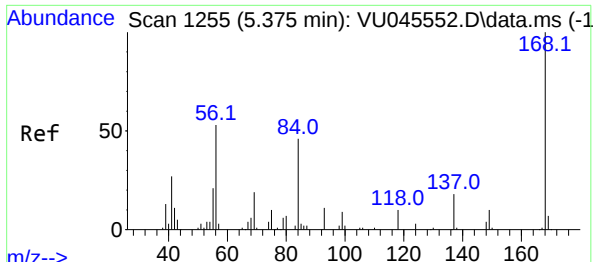
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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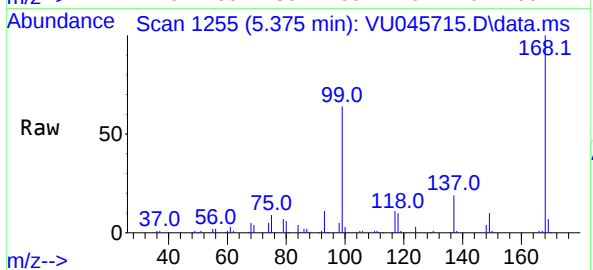
Quant Time: Nov 11 13:08:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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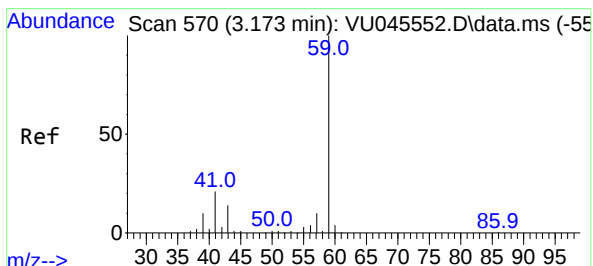
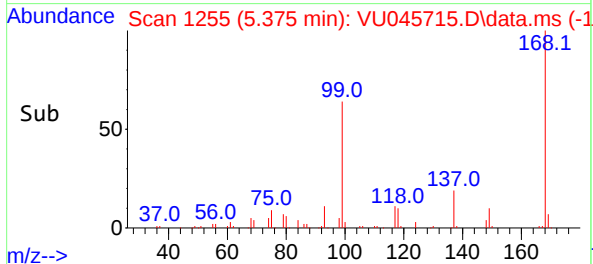
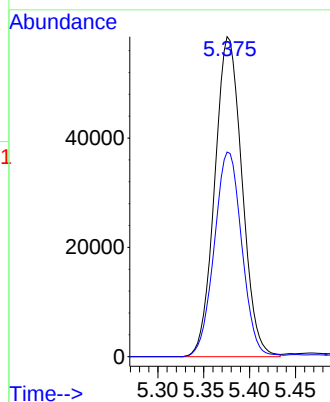


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

Instrument :
MSVOA_U
ClientSampleId :
FB

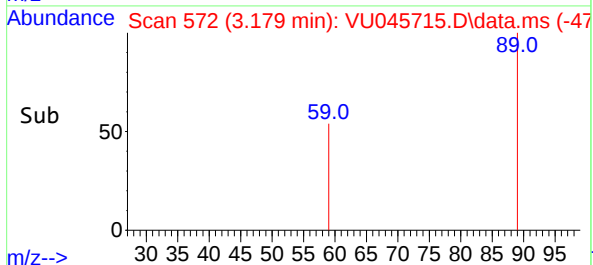
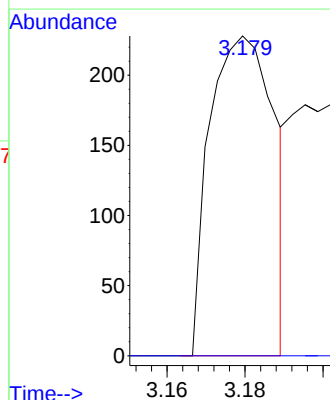
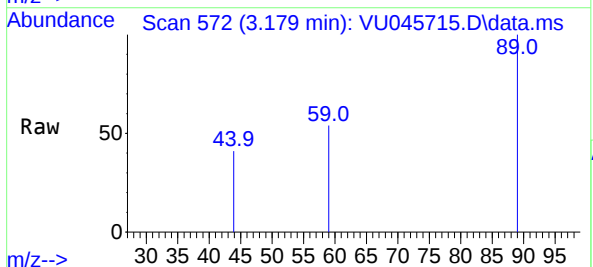


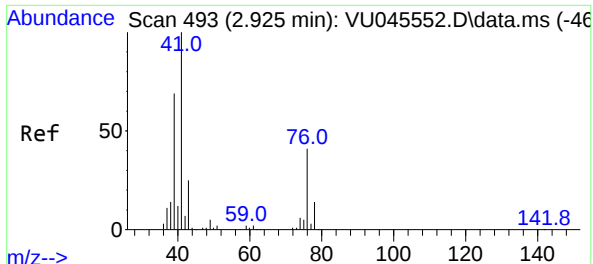
Tgt Ion:168 Resp: 121266
Ion Ratio Lower Upper
168 100
99 64.0 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.729 ug/l
RT: 3.179 min Scan# 572
Delta R.T. 0.007 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

Tgt Ion: 59 Resp: 262
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.233 ug/l

RT: 2.758 min Scan# 41

Delta R.T. -0.167 min

Lab File: VU045715.D

Acq: 11 Nov 2021 02:32

Instrument :

MSVOA_U

ClientSampleId :

FB

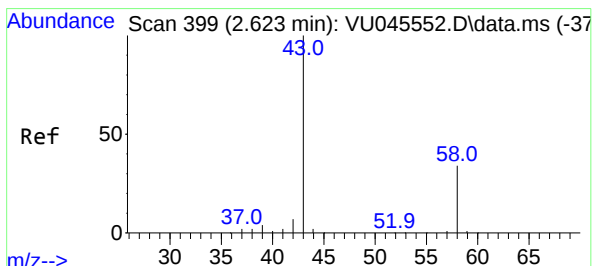
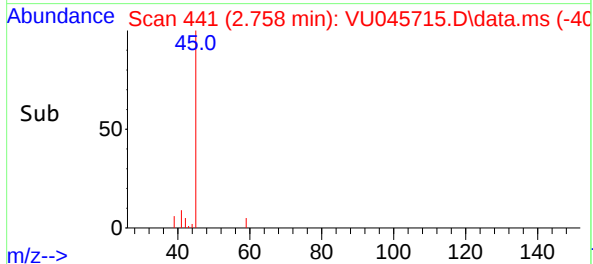
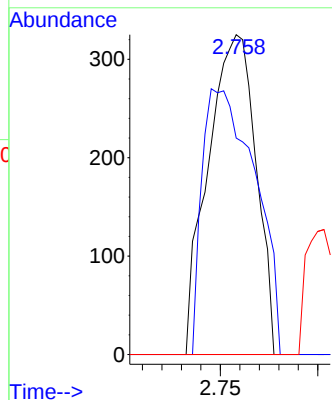
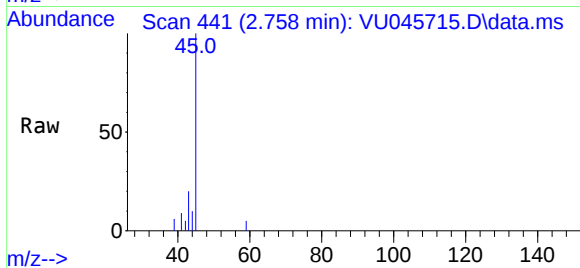
Tgt Ion: 41 Resp: 555

Ion Ratio Lower Upper

41 100

39 92.1 49.7 74.5#

76 0.0 27.7 41.5#



#16

Acetone

Concen: 1.184 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045715.D

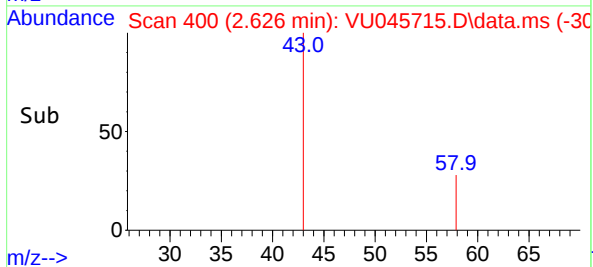
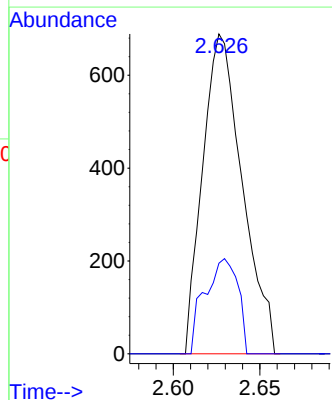
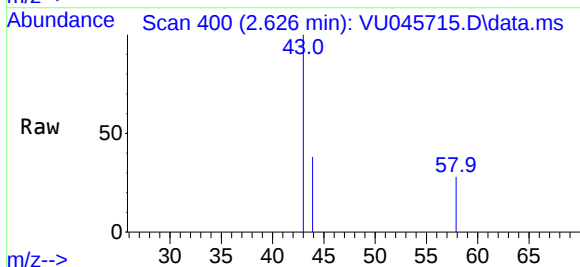
Acq: 11 Nov 2021 02:32

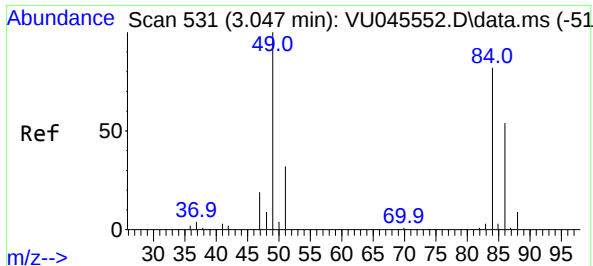
Tgt Ion: 43 Resp: 1095

Ion Ratio Lower Upper

43 100

58 28.3 26.2 39.2



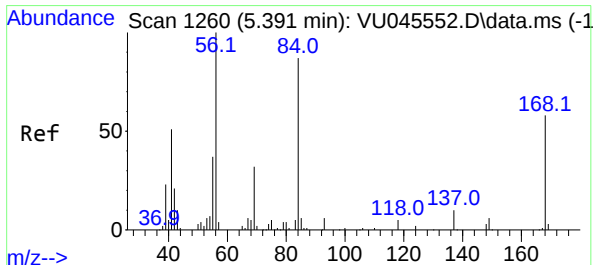
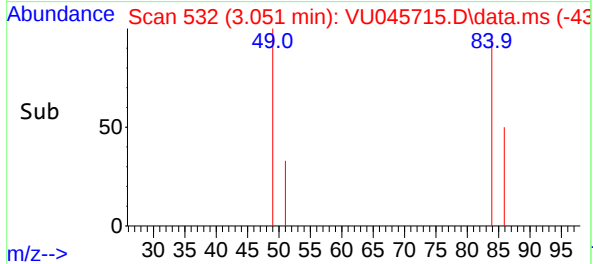
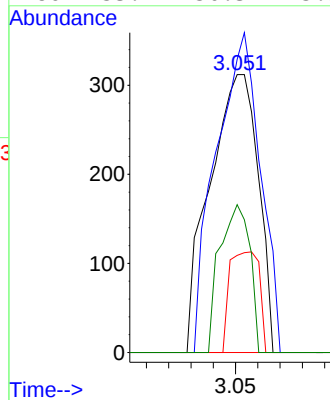
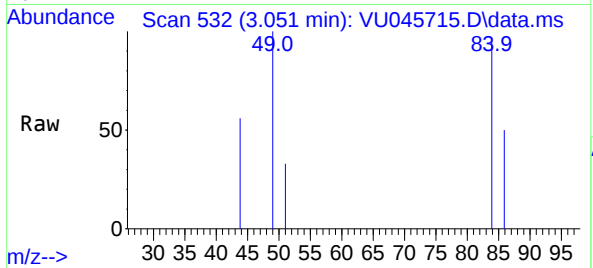


#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

Instrument :
MSVOA_U
ClientSampleId :
FB

Tgt Ion: 84 Resp: 472

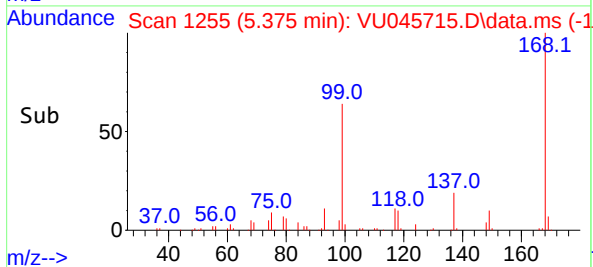
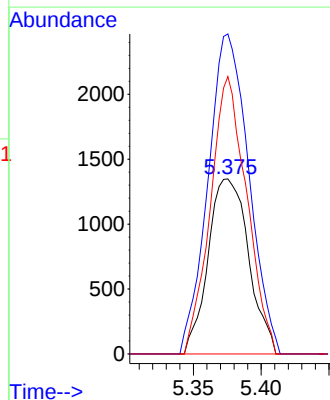
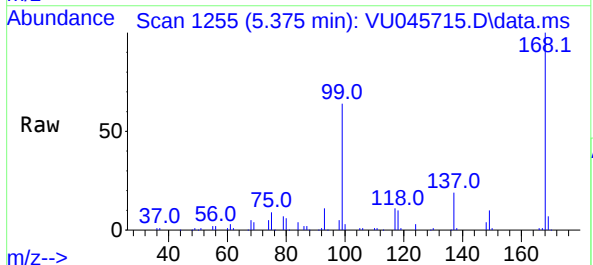
Ion	Ratio	Lower	Upper
84	100		
49	105.4	96.4	144.6
51	34.9	30.5	45.7
86	53.2	50.3	75.5

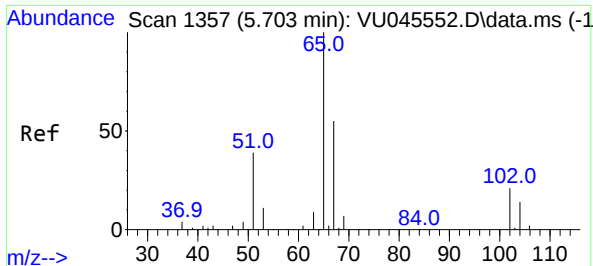


#31
Cyclohexane
Concen: 1.057 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

Tgt Ion: 56 Resp: 2801

Ion	Ratio	Lower	Upper
56	100		
69	182.9	26.4	39.6#
84	158.5	68.4	102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.586 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045715.D

Acq: 11 Nov 2021 02:32

Instrument :

MSVOA_U

ClientSampleId :

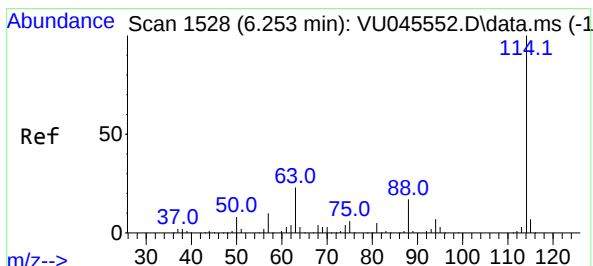
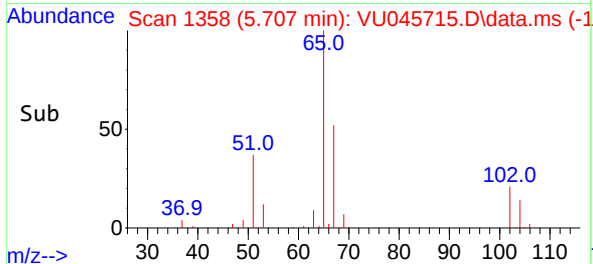
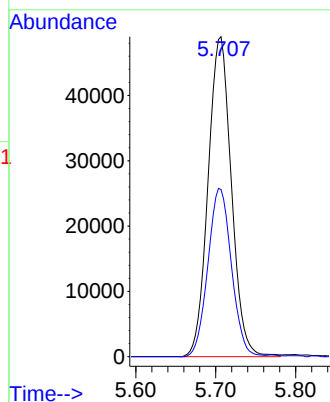
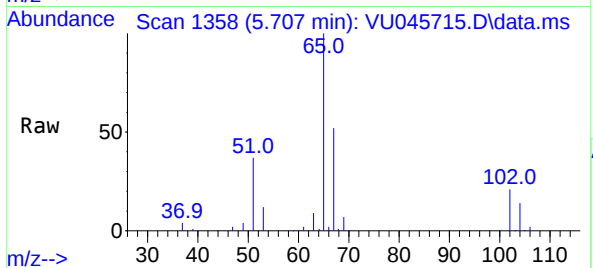
FB

Tgt Ion: 65 Resp: 99133

Ion Ratio Lower Upper

65 100

67 53.1 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: VU045715.D

Acq: 11 Nov 2021 02:32

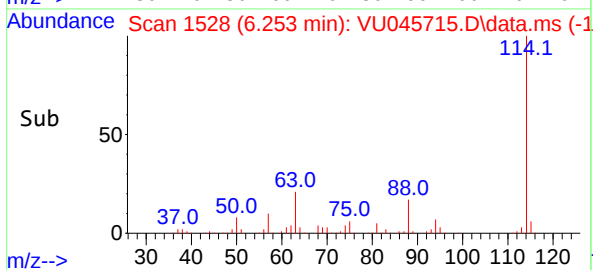
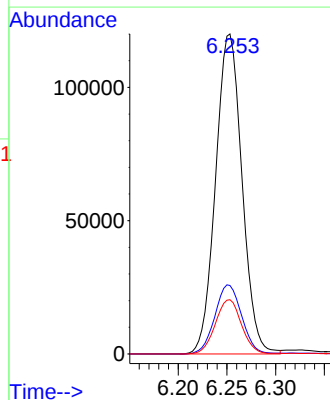
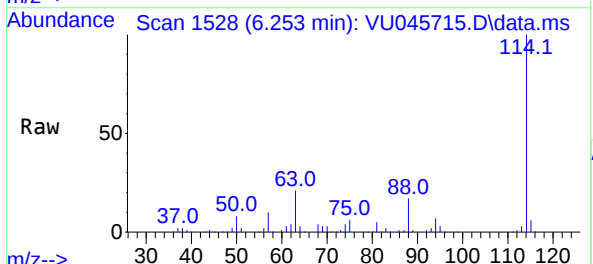
Tgt Ion: 114 Resp: 226445

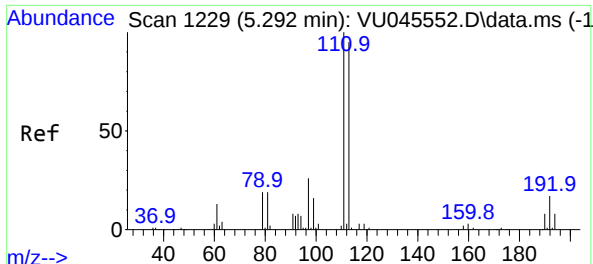
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.6

88 17.0 0.0 33.8

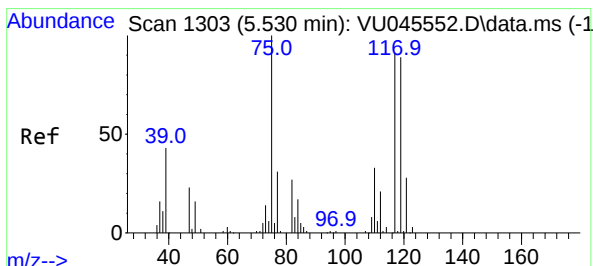
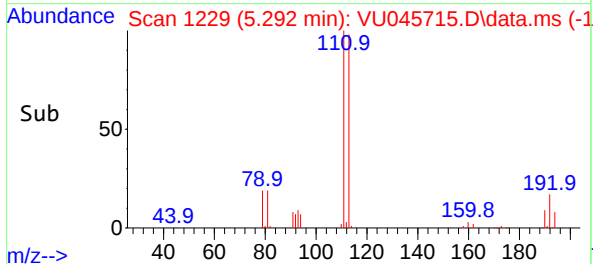
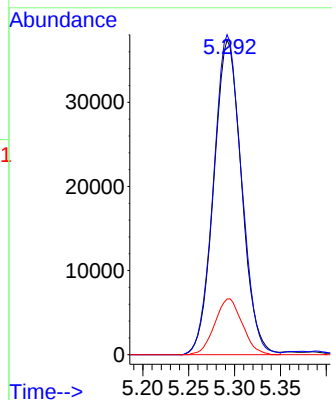
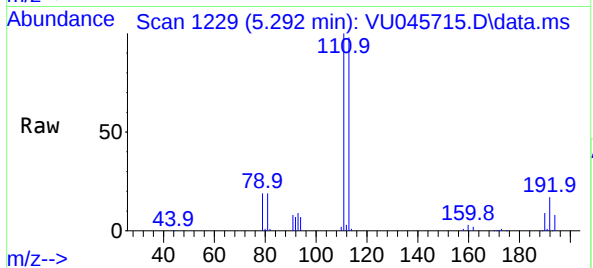




#35
Dibromofluoromethane
Concen: 52.086 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

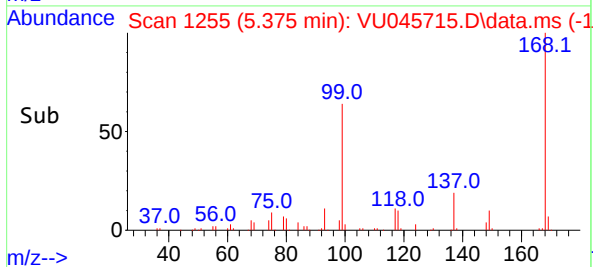
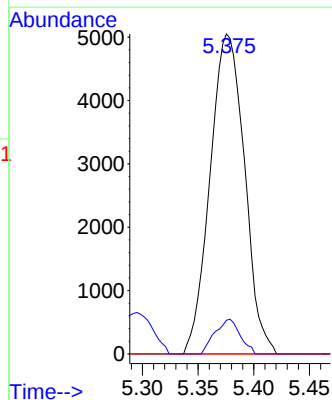
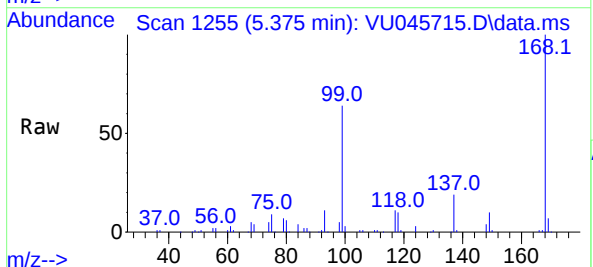
Instrument :
MSVOA_U
ClientSampleId :
FB

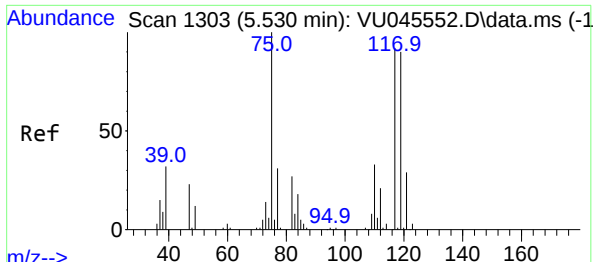
Tgt Ion:113 Resp: 78747
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 17.6 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.920 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

Tgt Ion: 75 Resp: 10863
Ion Ratio Lower Upper
75 100
110 7.9 16.7 50.0#
77 0.0 25.0 37.4#

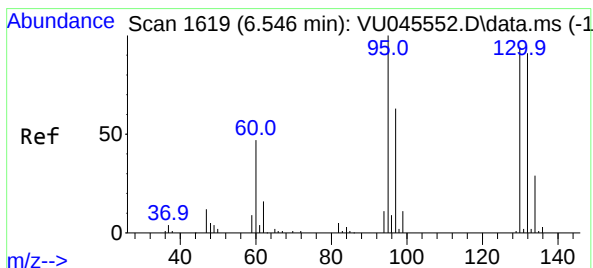
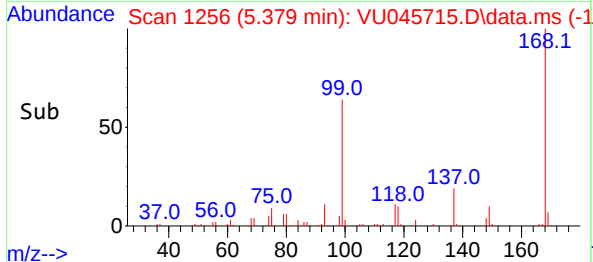
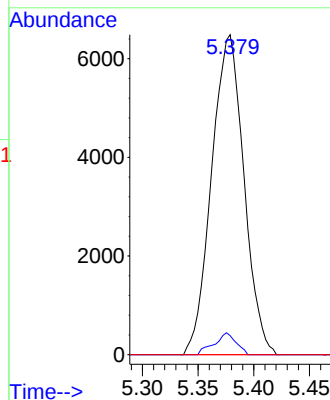
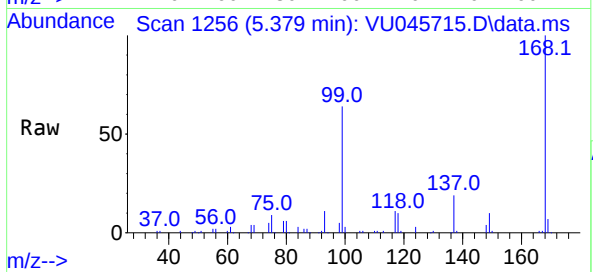




#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 5.379 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

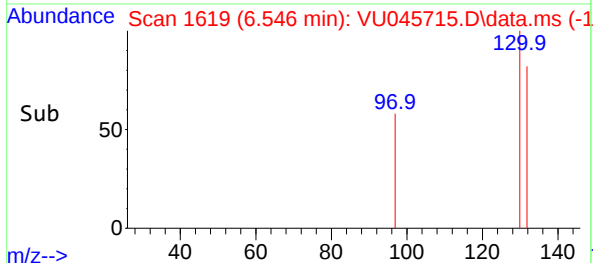
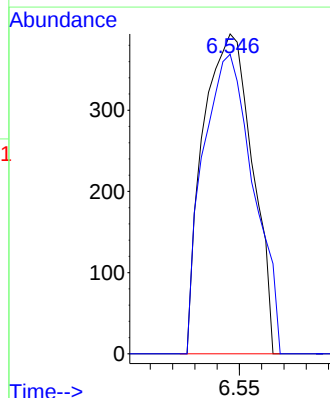
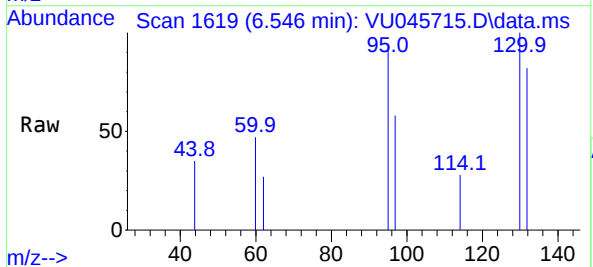
Instrument :
MSVOA_U
ClientSampleId :
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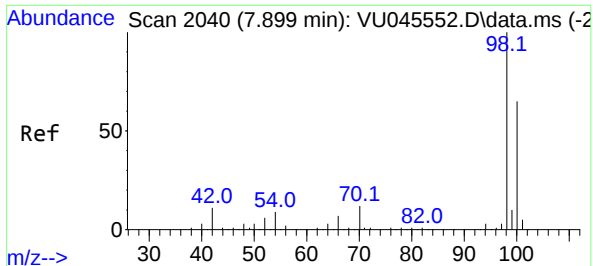
Tgt Ion:117 Resp: 13100
Ion Ratio Lower Upper
117 100
119 5.9 77.4 116.0#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.386 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

Tgt Ion:130 Resp: 604
Ion Ratio Lower Upper
130 100
95 93.7 0.0 211.4

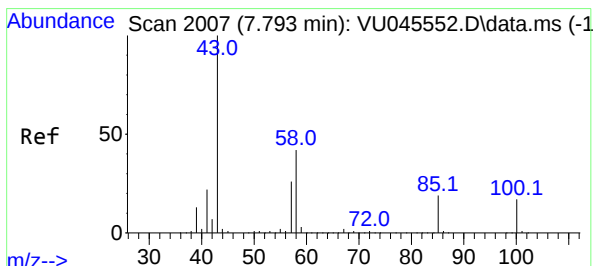
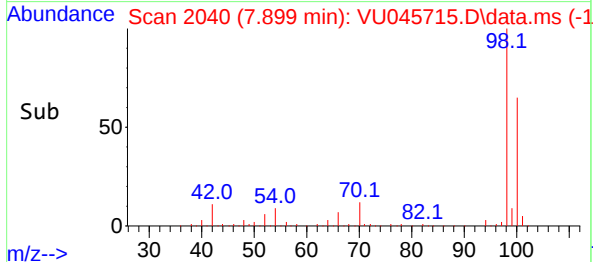
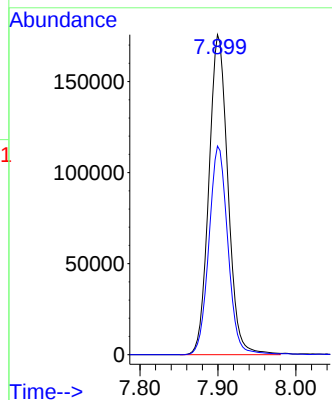
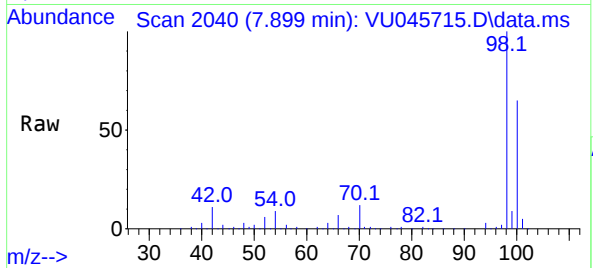




#50
Toluene-d8
Concen: 53.202 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

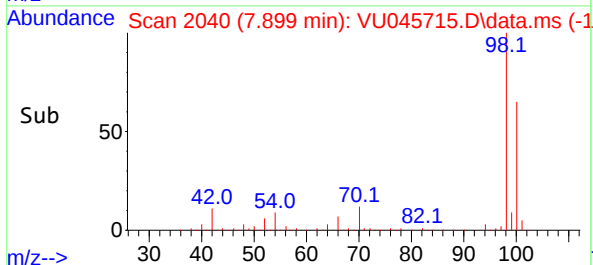
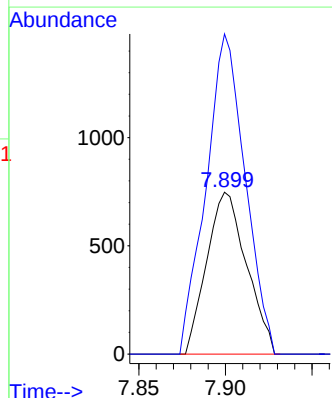
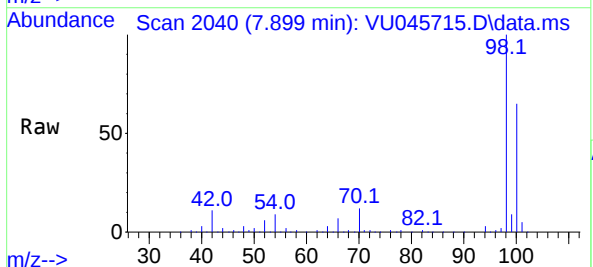
Instrument :
MSVOA_U
ClientSampleId :
FB

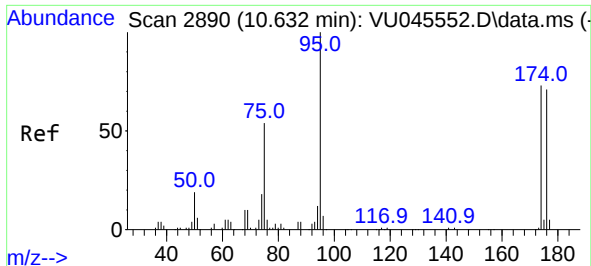
Tgt Ion: 98 Resp: 299091
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 193.9 33.8 50.8#

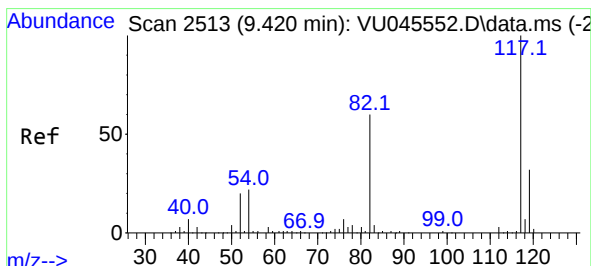
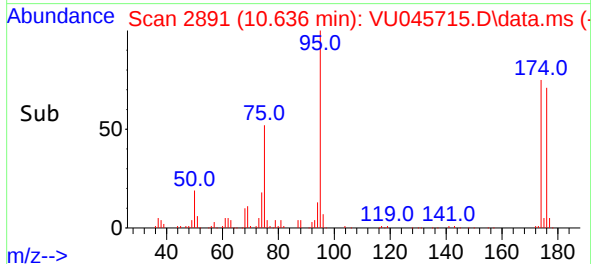
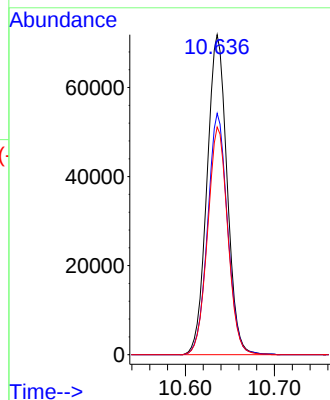
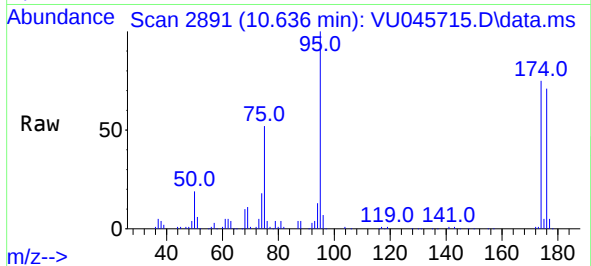




#62
4-Bromofluorobenzene
Concen: 49.737 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

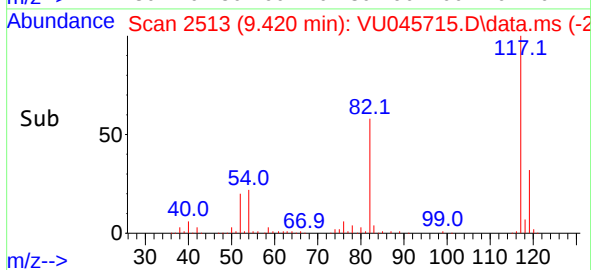
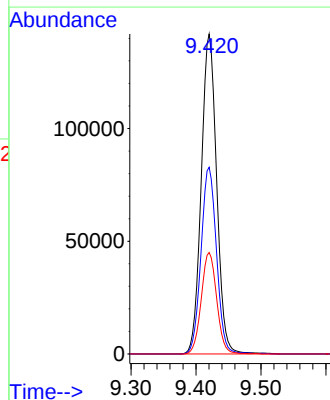
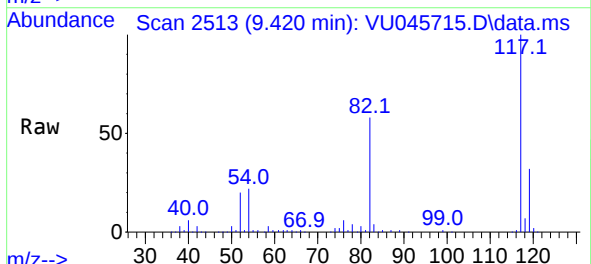
Instrument :
MSVOA_U
ClientSampleId :
FB

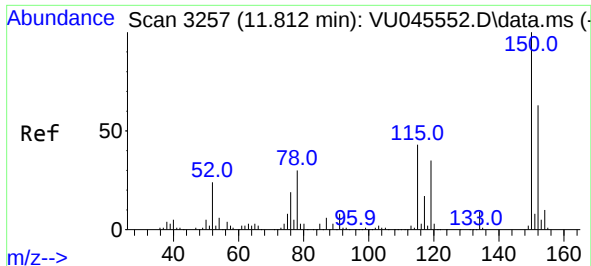
Tgt Ion: 95 Resp: 112124
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 71.3 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

Tgt Ion: 117 Resp: 234589
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 31.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045715.D

Acq: 11 Nov 2021 02:32

Instrument :

MSVOA_U

ClientSampleId :

FB

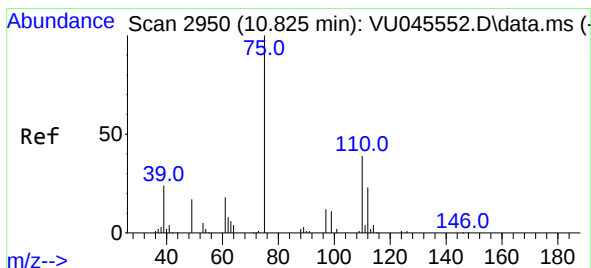
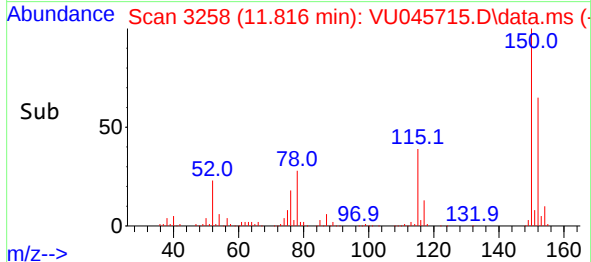
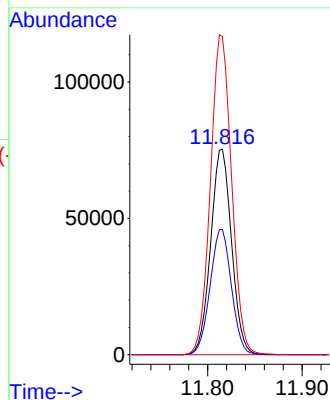
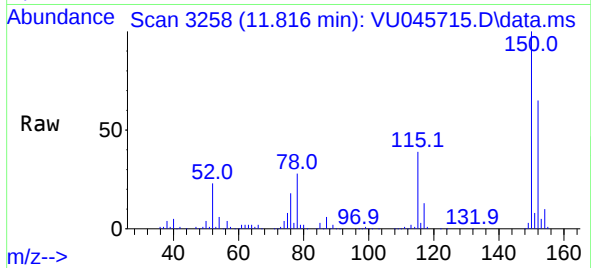
Tgt Ion:152 Resp: 115779

Ion Ratio Lower Upper

152 100

115 62.1 42.7 128.1

150 157.3 0.0 346.8



#76

1,2,3-Trichloropropane

Concen: 16.781 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. -0.190 min

Lab File: VU045715.D

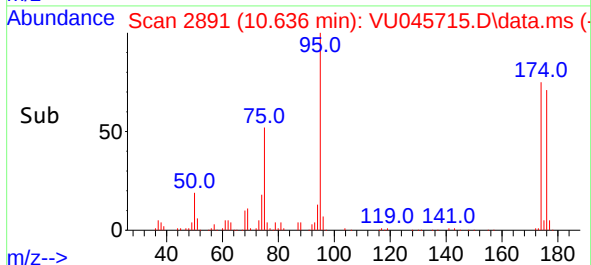
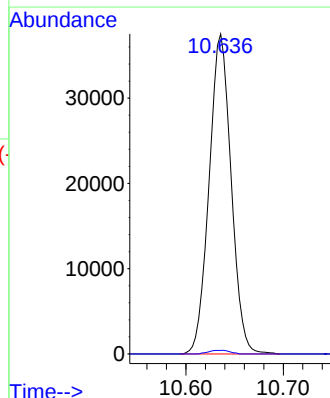
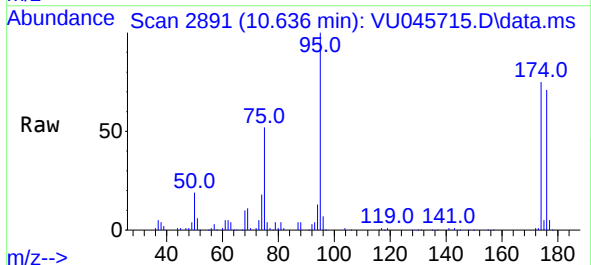
Acq: 11 Nov 2021 02:32

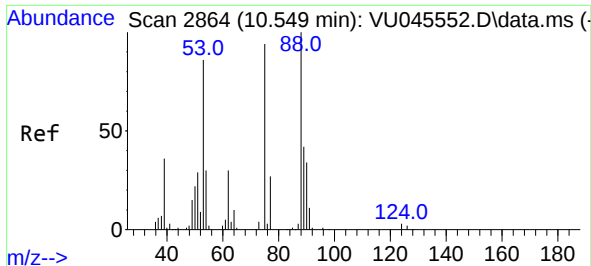
Tgt Ion: 75 Resp: 58919

Ion Ratio Lower Upper

75 100

77 1.1 17.1 51.3#

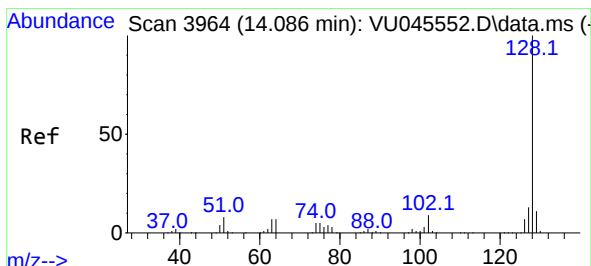
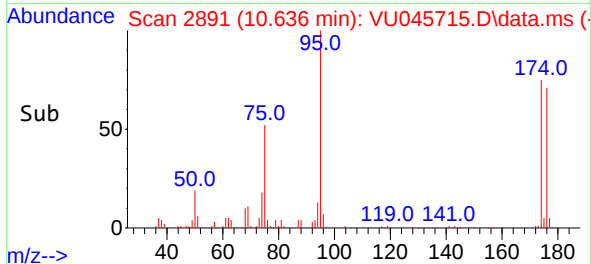
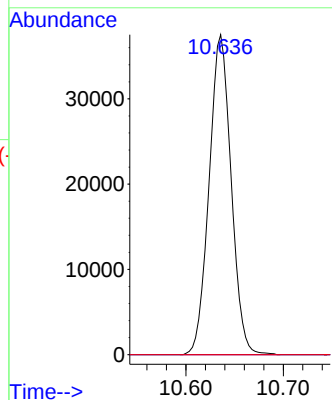
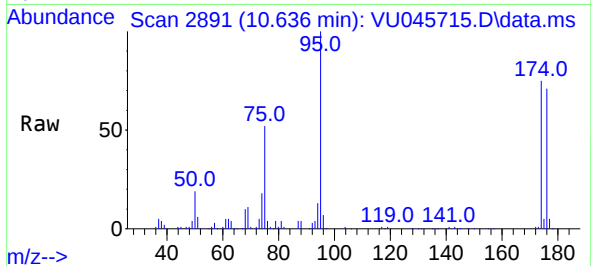




#81
trans-1,4-Dichloro-2-butene
Concen: 54.675 ug/l
RT: 10.636 min Scan# 2864
Delta R.T. 0.087 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

Instrument :
MSVOA_U
ClientSampleId :
FB

Tgt Ion: 75 Resp: 58919
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.060 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045715.D
Acq: 11 Nov 2021 02:32

Tgt Ion:128 Resp: 295
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

