

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045565.D
 Acq On : 05 Nov 2021 17:43
 Operator : SY/MD
 Sample : M4475-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB01

Quant Time: Nov 05 18:31:34 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)

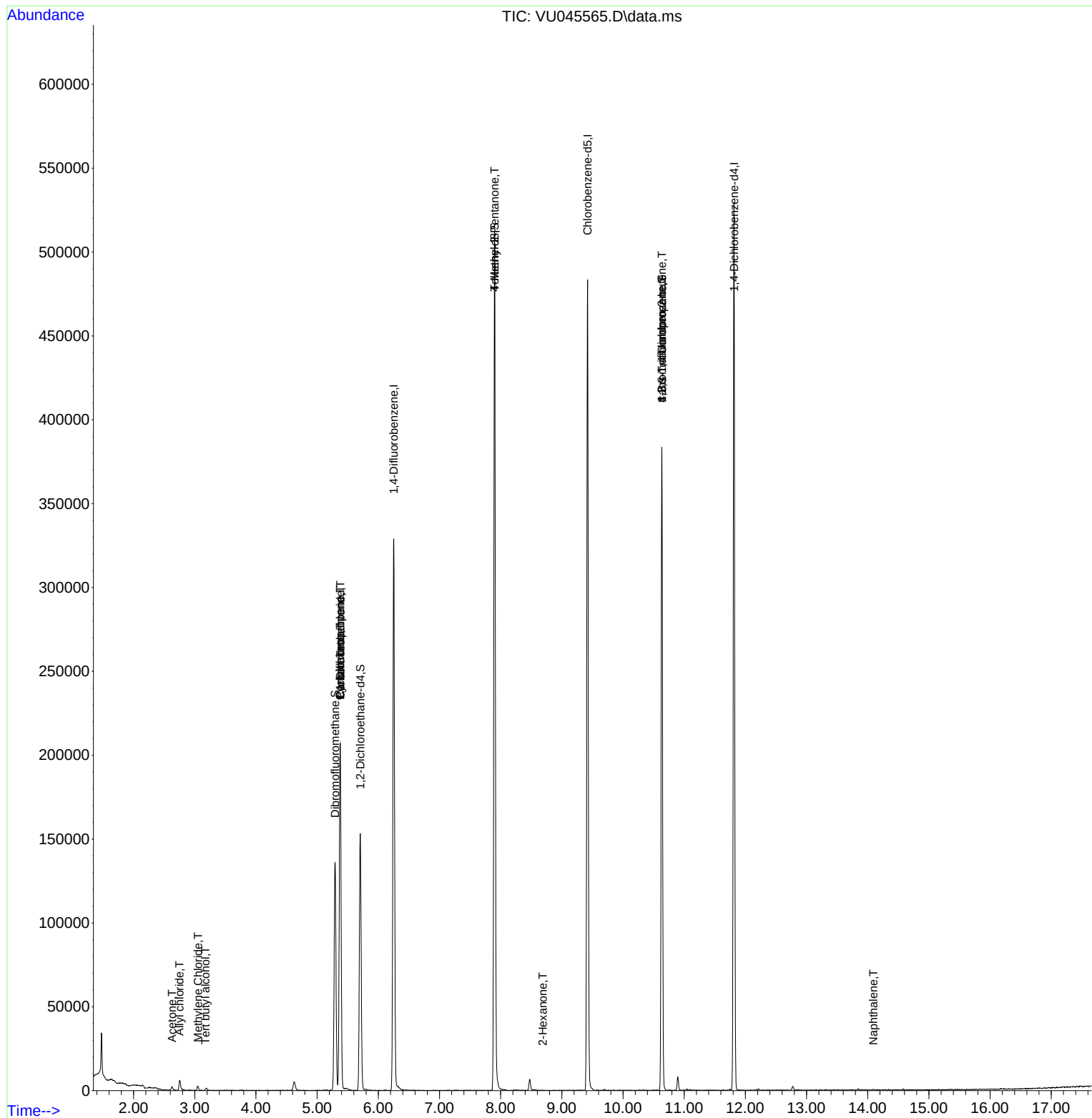
Internal Standards						
1) Pentafluorobenzene	5.379	168	135290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	258645	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	258449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	129472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	114817	56.668	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.340%	
35) Dibromofluoromethane	5.292	113	88250	51.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.220%	
50) Toluene-d8	7.899	98	337860	52.616	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.240%	
62) 4-Bromofluorobenzene	10.636	95	128582	49.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.176	59	360	0.898	ug/l #	72
14) Allyl chloride	2.752	41	545	0.205	ug/l #	59
16) Acetone	2.629	43	2596	2.517	ug/l	94
20) Methylene Chloride	3.054	84	1039	0.580	ug/l	92
31) Cyclohexane	5.375	56	3102	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	12160	4.822	ug/l #	50
38) Carbon Tetrachloride	5.379	117	15032	5.912	ug/l #	15
51) 4-Methyl-2-Pentanone	7.903	43	1196	0.409	ug/l #	1
59) 2-Hexanone	8.687	43	45	7.552	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	68189	17.367	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	68189	56.481	ug/l #	12
95) Naphthalene	14.092	128	581	1.083	ug/l #	69

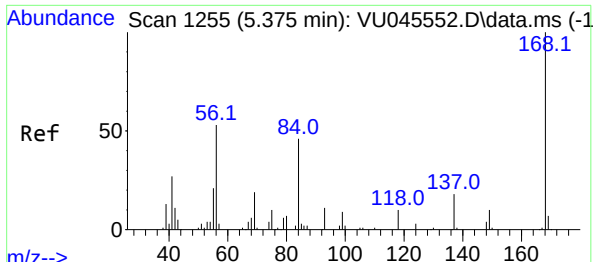
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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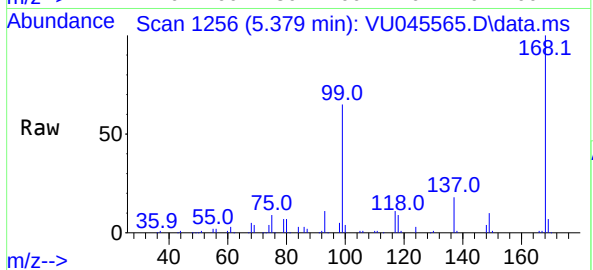
Quant Time: Nov 05 18:31:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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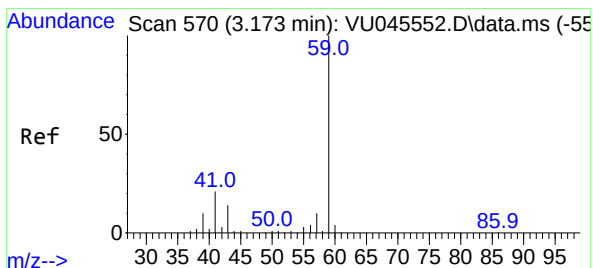
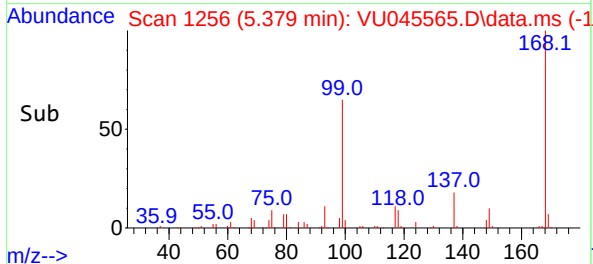
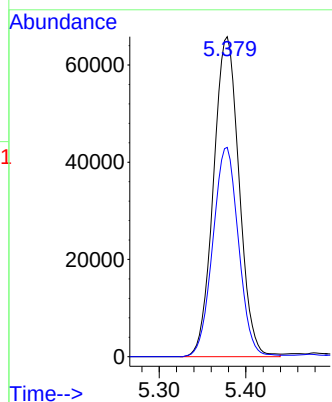


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

Instrument :
MSVOA_U
ClientSampleId :
FB01

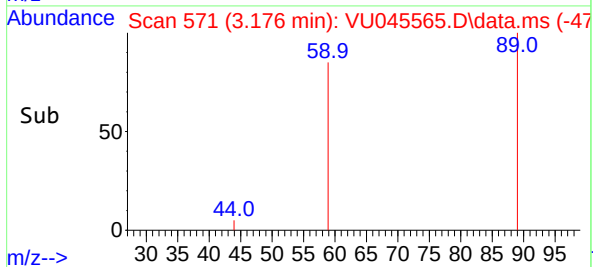
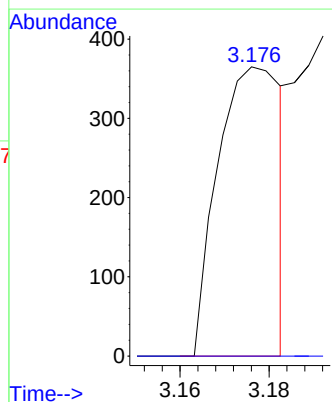
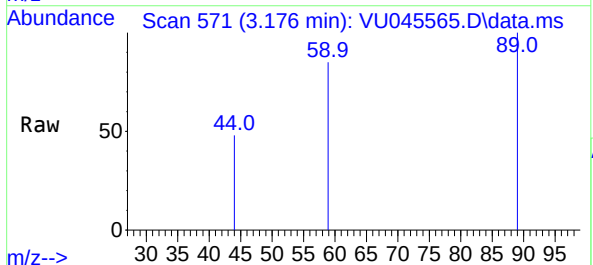


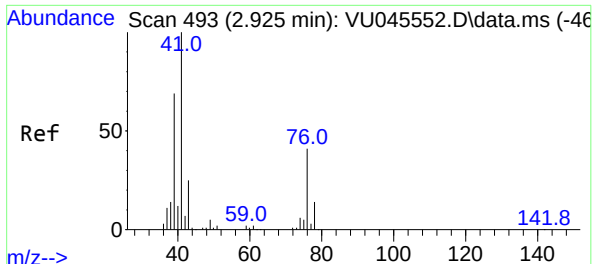
Tgt Ion:168 Resp: 135290
Ion Ratio Lower Upper
168 100
99 65.4 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.898 ug/l
RT: 3.176 min Scan# 571
Delta R.T. 0.003 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

Tgt Ion: 59 Resp: 360
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.205 ug/l

RT: 2.752 min Scan# 41

Delta R.T. -0.174 min

Lab File: VU045565.D

Acq: 05 Nov 2021 17:43

Instrument :

MSVOA_U

ClientSampleId :

FB01

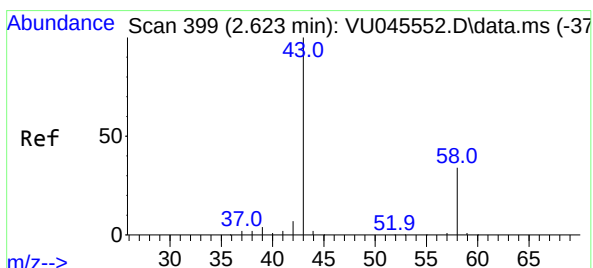
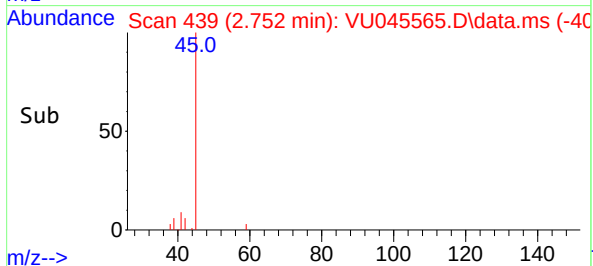
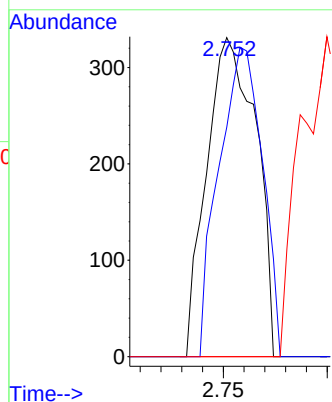
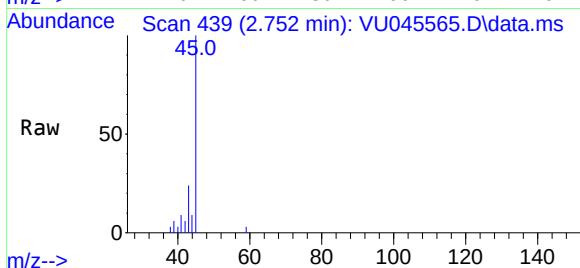
Tgt Ion: 41 Resp: 545

Ion Ratio Lower Upper

41 100

39 85.5 49.7 74.5#

76 0.0 27.7 41.5#



#16

Acetone

Concen: 2.517 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU045565.D

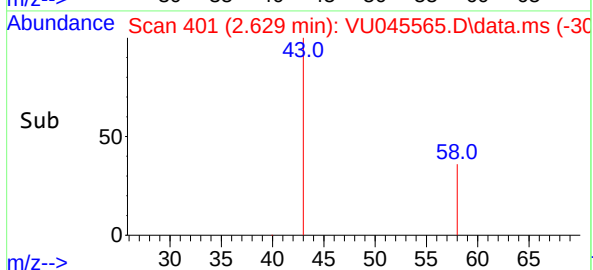
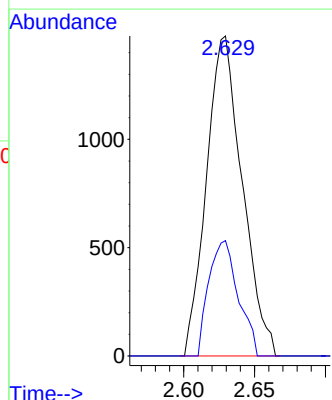
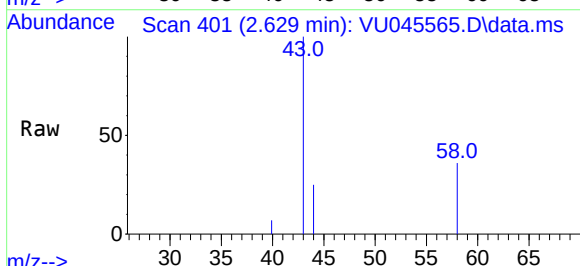
Acq: 05 Nov 2021 17:43

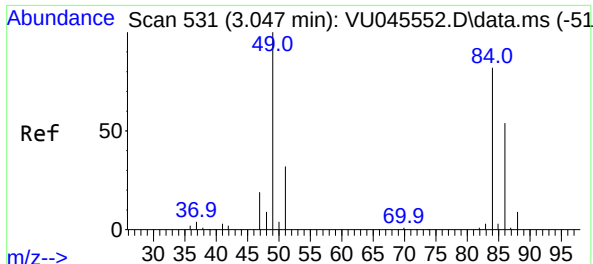
Tgt Ion: 43 Resp: 2596

Ion Ratio Lower Upper

43 100

58 36.1 26.2 39.2



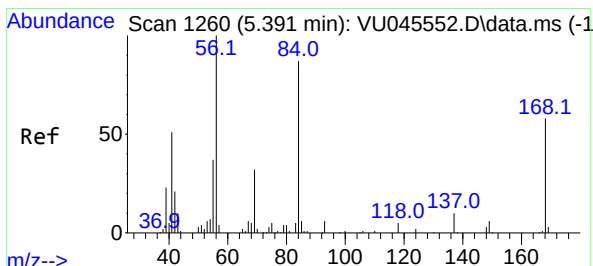
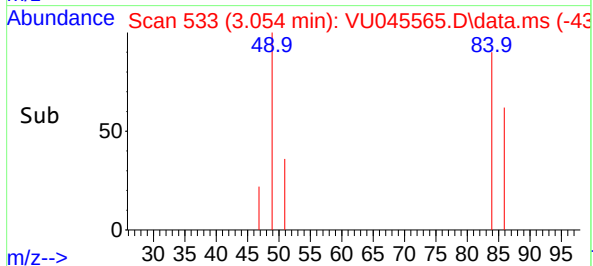
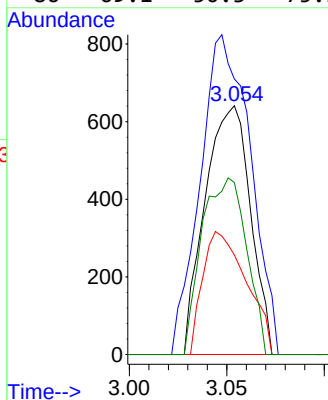
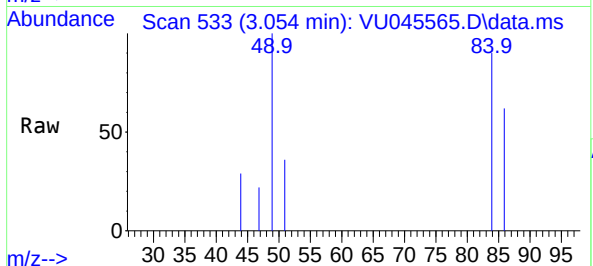


#20
Methylene Chloride
Concen: 0.580 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

Instrument :
MSVOA_U
ClientSampleId :
FB01

Tgt Ion: 84 Resp: 1039

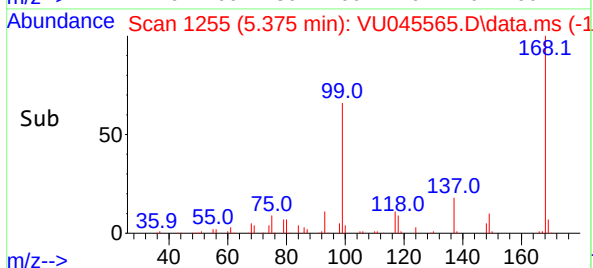
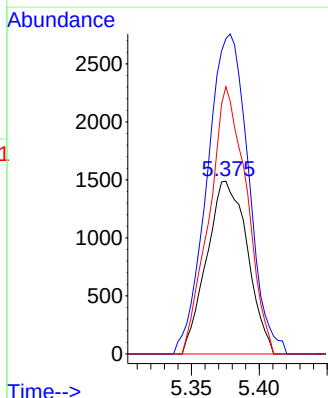
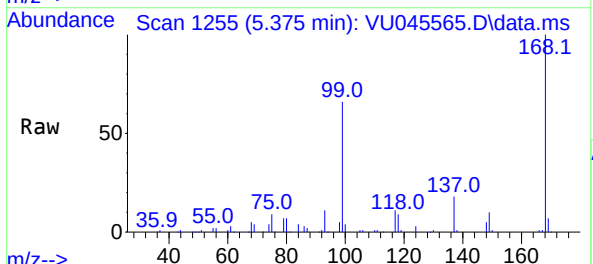
Ion	Ratio	Lower	Upper
84	100		
49	110.8	96.4	144.6
51	40.1	30.5	45.7
86	69.1	50.3	75.5

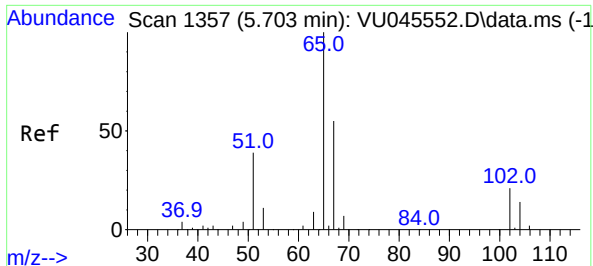


#31
Cyclohexane
Concen: 1.049 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

Tgt Ion: 56 Resp: 3102

Ion	Ratio	Lower	Upper
56	100		
69	175.5	26.4	39.6#
84	154.7	68.4	102.6#

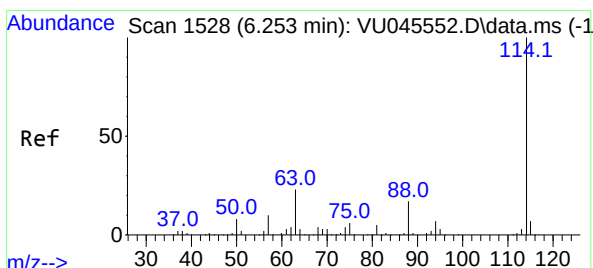
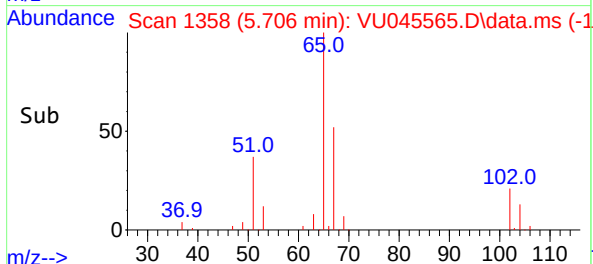
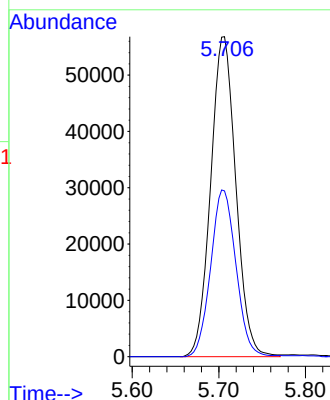
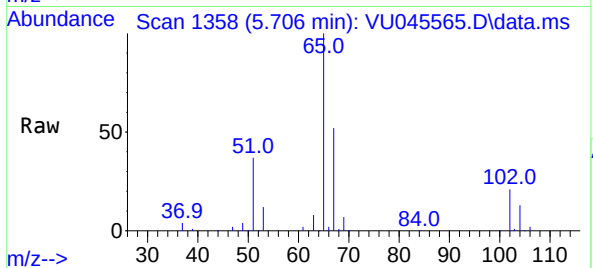




#33
1,2-Dichloroethane-d4
Concen: 56.668 ug/l
RT: 5.706 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

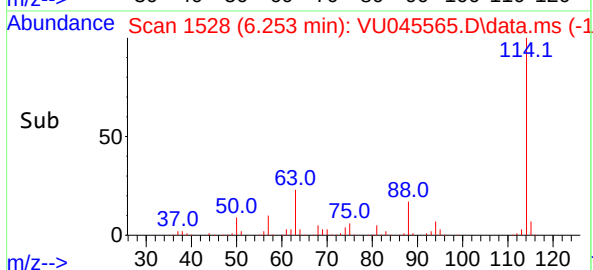
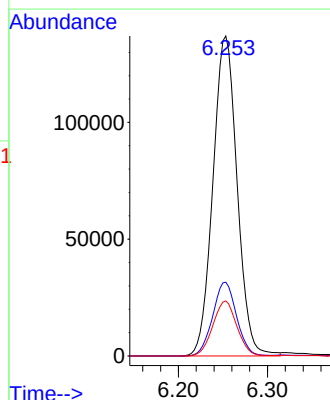
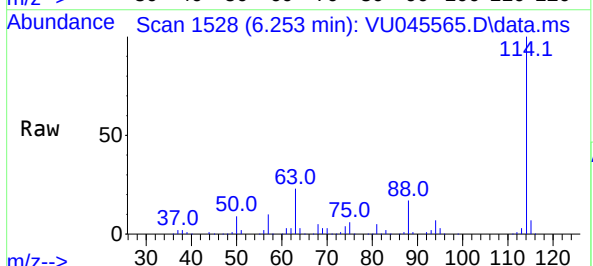
Instrument :
MSVOA_U
ClientSampleId :
FB01

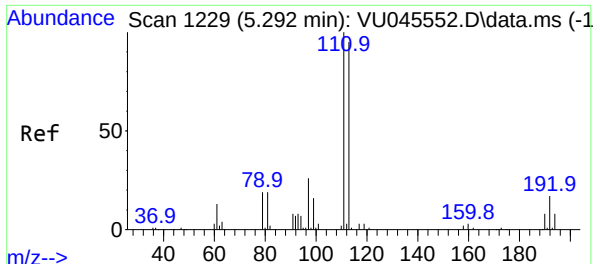
Tgt Ion: 65 Resp: 114817
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

Tgt Ion: 114 Resp: 258645
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.6
88 17.2 0.0 33.8

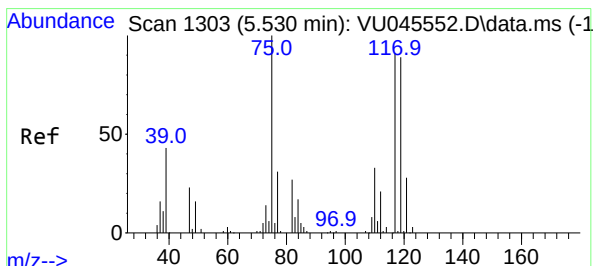
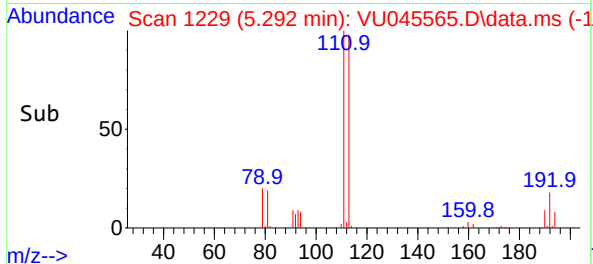
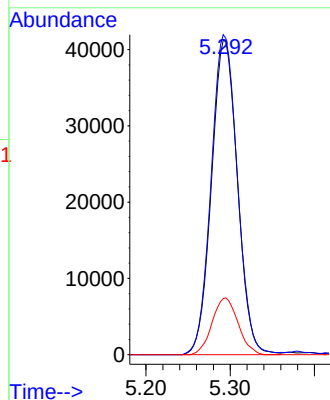
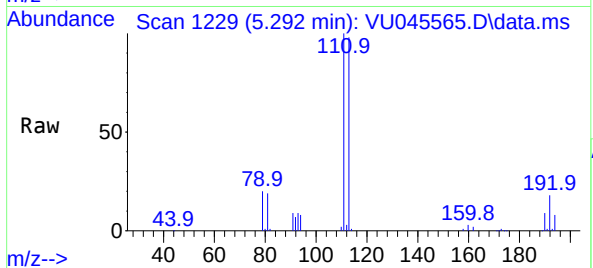




#35
Dibromofluoromethane
Concen: 51.105 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

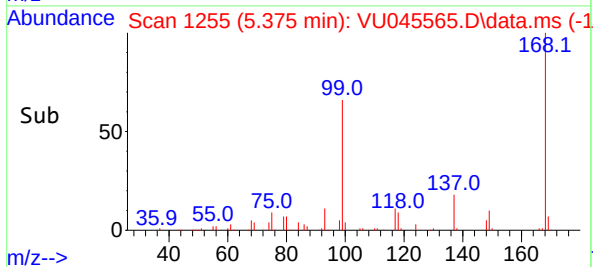
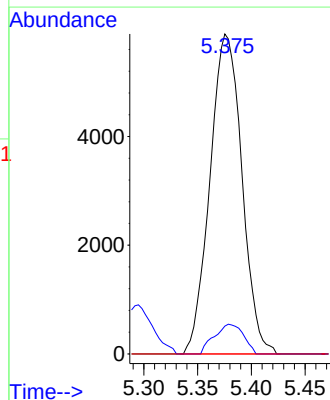
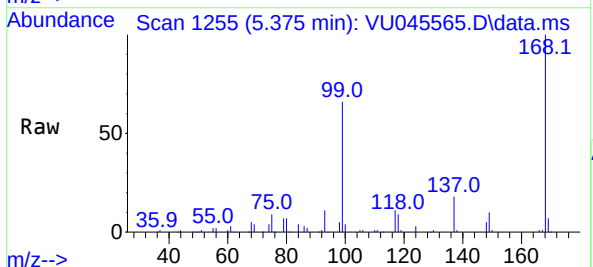
Instrument :
MSVOA_U
ClientSampleId :
FB01

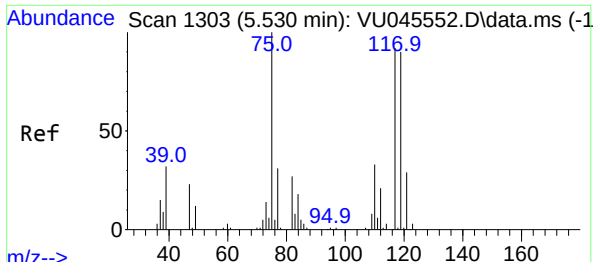
Tgt Ion:113 Resp: 88250
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

Tgt Ion: 75 Resp: 12160
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.0#
77 0.0 25.0 37.4#

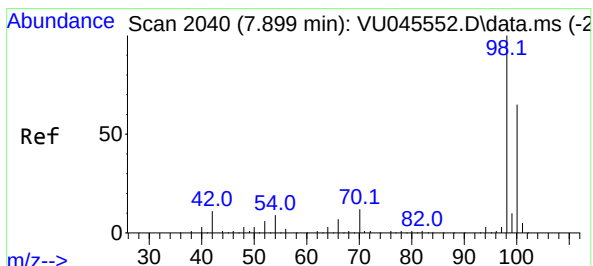
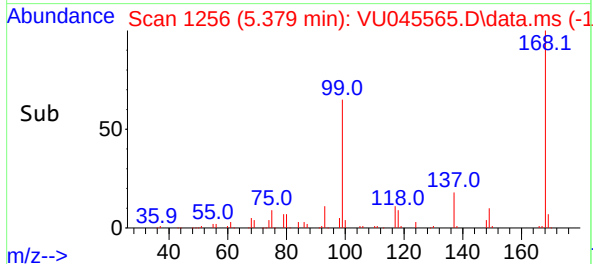
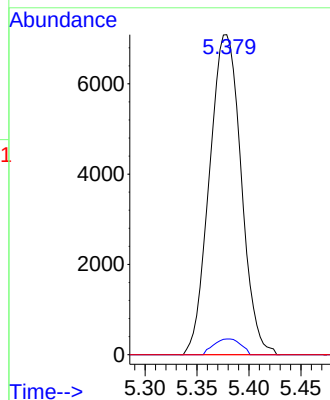
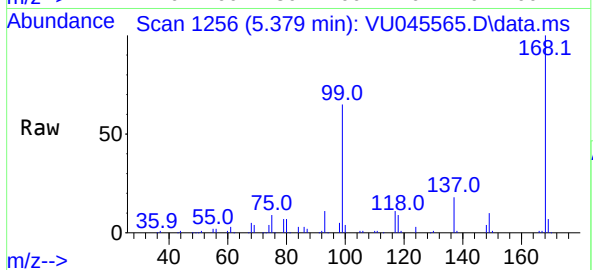




#38
Carbon Tetrachloride
Concen: 5.912 ug/l
RT: 5.379 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

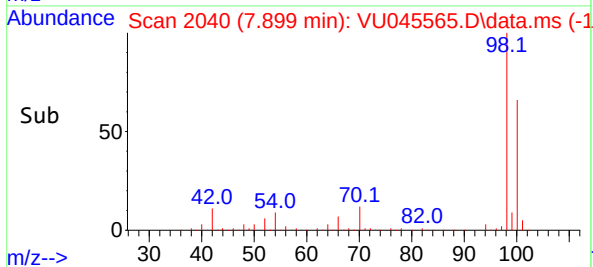
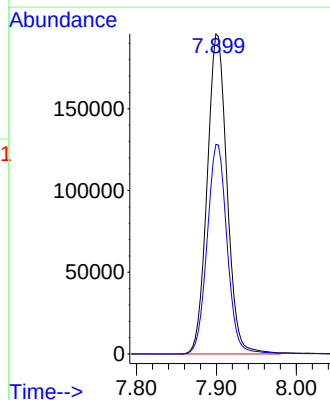
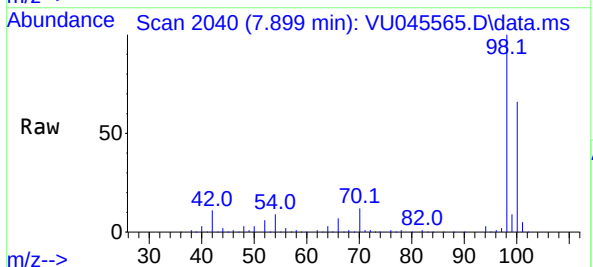
Instrument : MSVOA_U
ClientSampleId : FB01

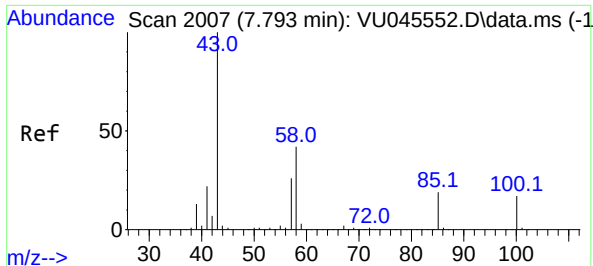
Tgt Ion:	117	Resp:	15032
Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.0#
121	0.0	24.8	37.2#



#50
Toluene-d8
Concen: 52.616 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

Tgt Ion:	98	Resp:	337860
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.5	78.7

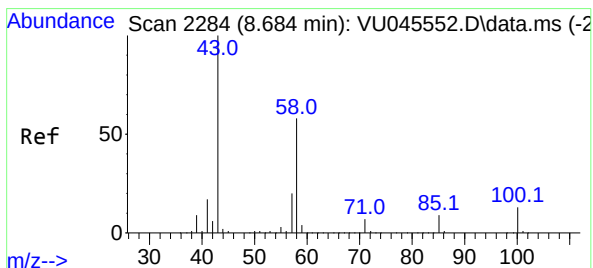
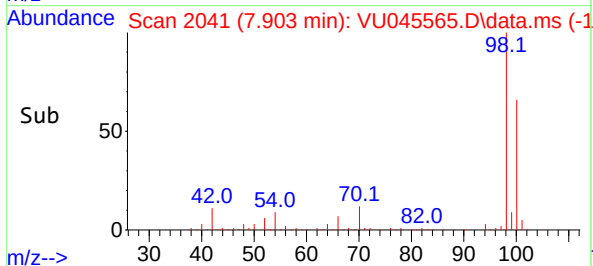
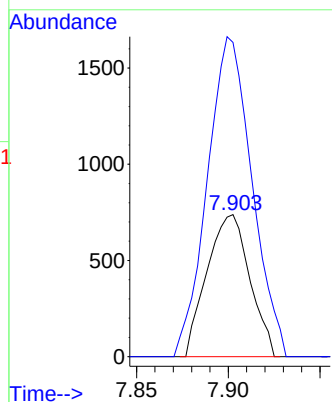
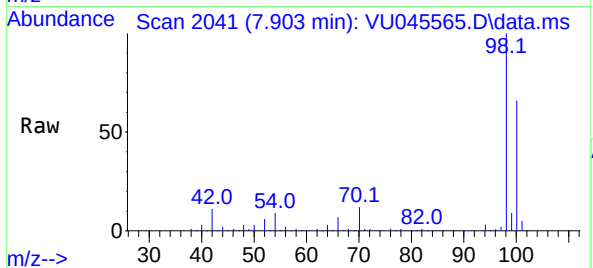




#51
4-Methyl-2-Pentanone
Concen: 0.409 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.109 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

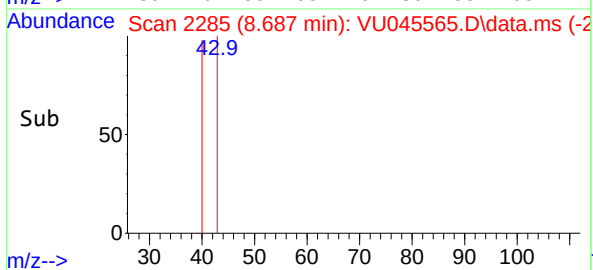
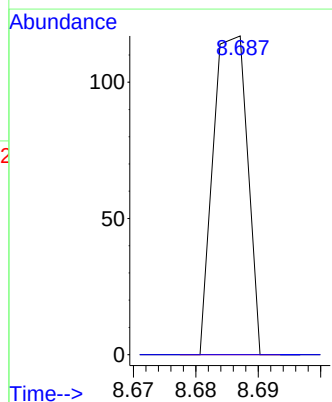
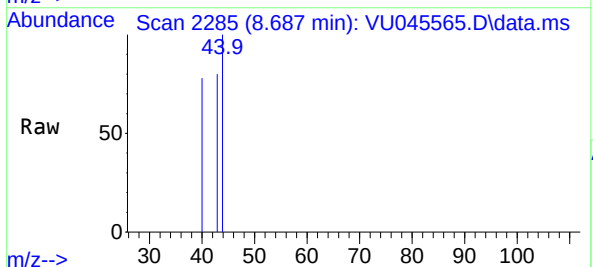
Instrument :
MSVOA_U
ClientSampleId :
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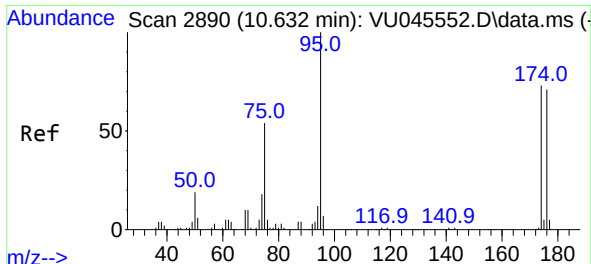
Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 235.3 33.8 50.8#



#59
2-Hexanone
Concen: 7.552 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#





#62

4-Bromofluorobenzene

Concen: 49.937 ug/l

RT: 10.636 min Scan# 2890

Delta R.T. 0.003 min

Lab File: VU045565.D

Acq: 05 Nov 2021 17:43

Instrument :

MSVOA_U

ClientSampleId :

FB01

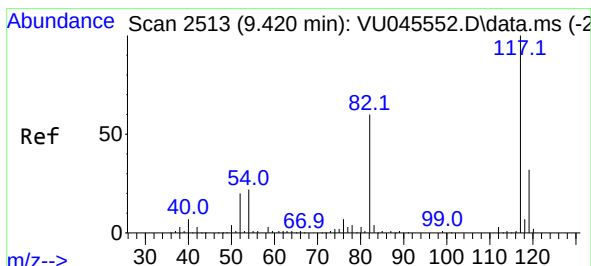
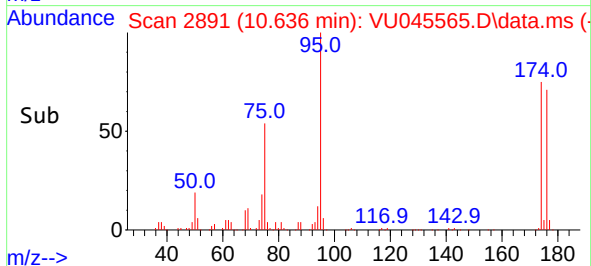
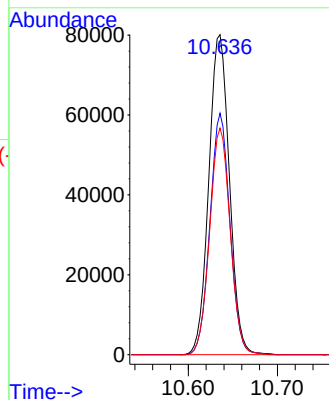
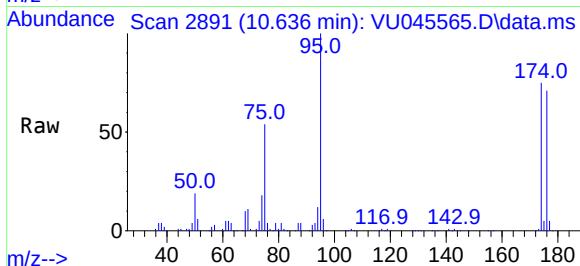
Tgt Ion: 95 Resp: 128582

Ion Ratio Lower Upper

95 100

174 73.3 0.0 141.8

176 70.3 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: VU045565.D

Acq: 05 Nov 2021 17:43

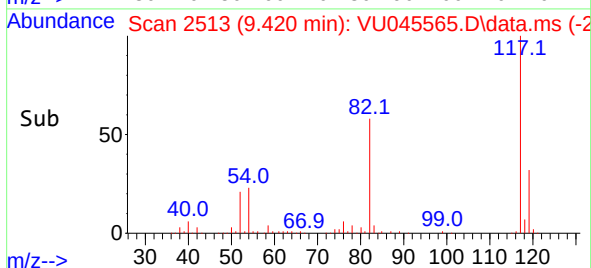
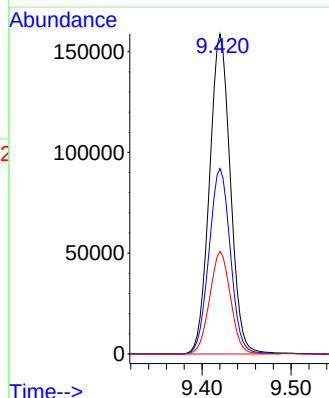
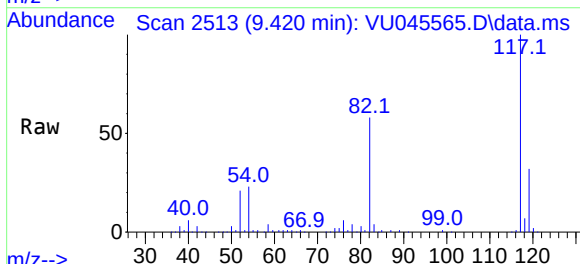
Tgt Ion: 117 Resp: 258449

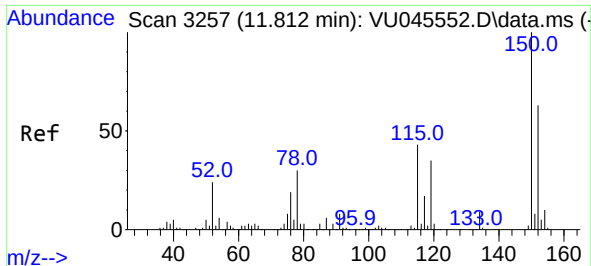
Ion Ratio Lower Upper

117 100

82 58.0 47.8 71.8

119 32.1 25.8 38.8

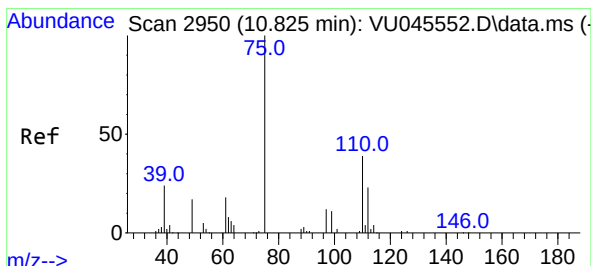
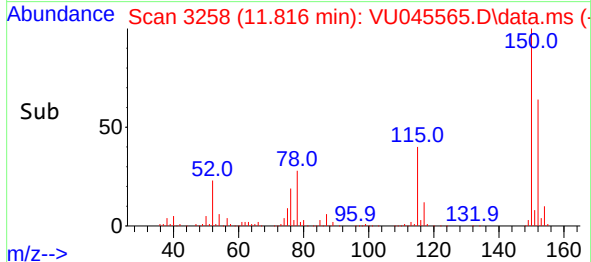
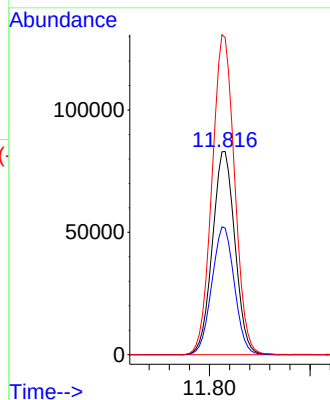
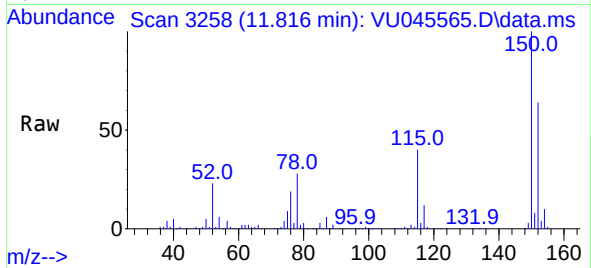




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

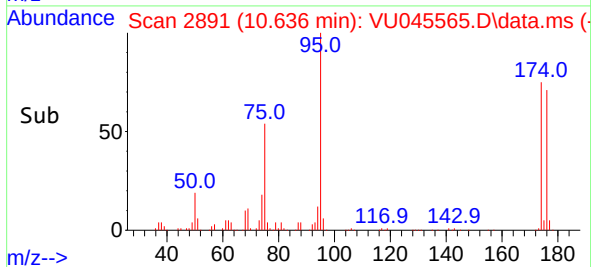
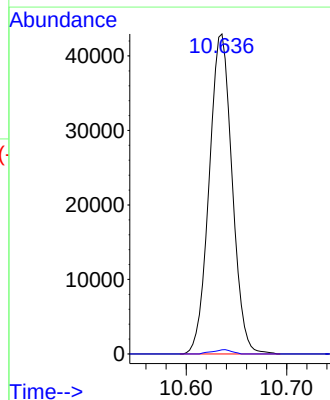
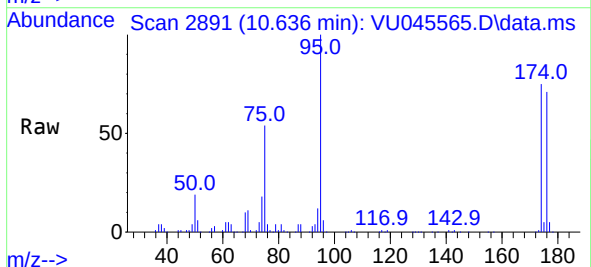
Instrument :
MSVOA_U
ClientSampleId :
FB01

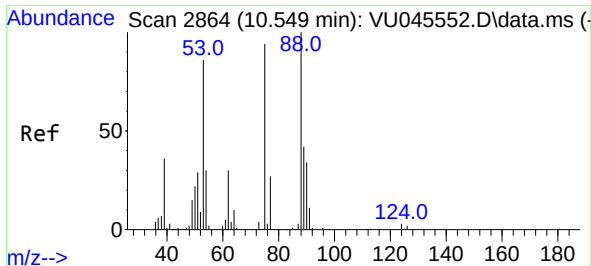
Tgt Ion:152 Resp: 129472
Ion Ratio Lower Upper
152 100
115 62.9 42.7 128.1
150 157.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.367 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

Tgt Ion: 75 Resp: 68189
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

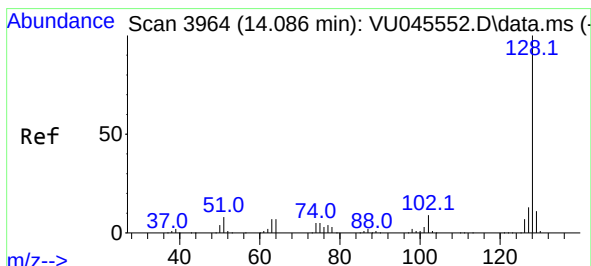
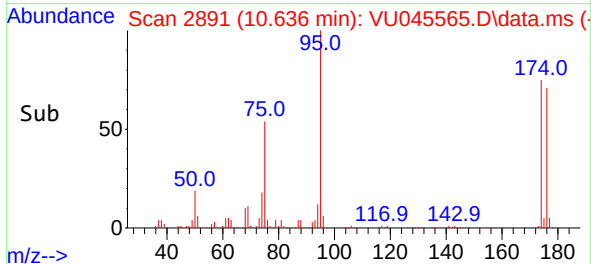
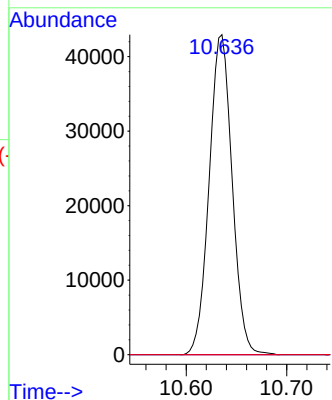
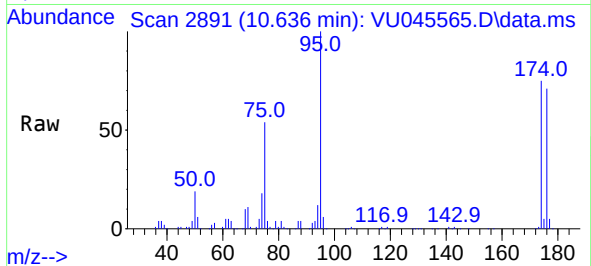




#81
trans-1,4-Dichloro-2-butene
Concen: 56.481 ug/l
RT: 10.636 min Scan# 2864
Delta R.T. 0.087 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

Instrument :
MSVOA_U
ClientSampleId :
FB01

Tgt Ion: 75 Resp: 68189
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.083 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045565.D
Acq: 05 Nov 2021 17:43

Tgt Ion:128 Resp: 581
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

