

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045618.D
 Acq On : 08 Nov 2021 16:18
 Operator : SY/MD
 Sample : M4523-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 09 09:58:46 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)

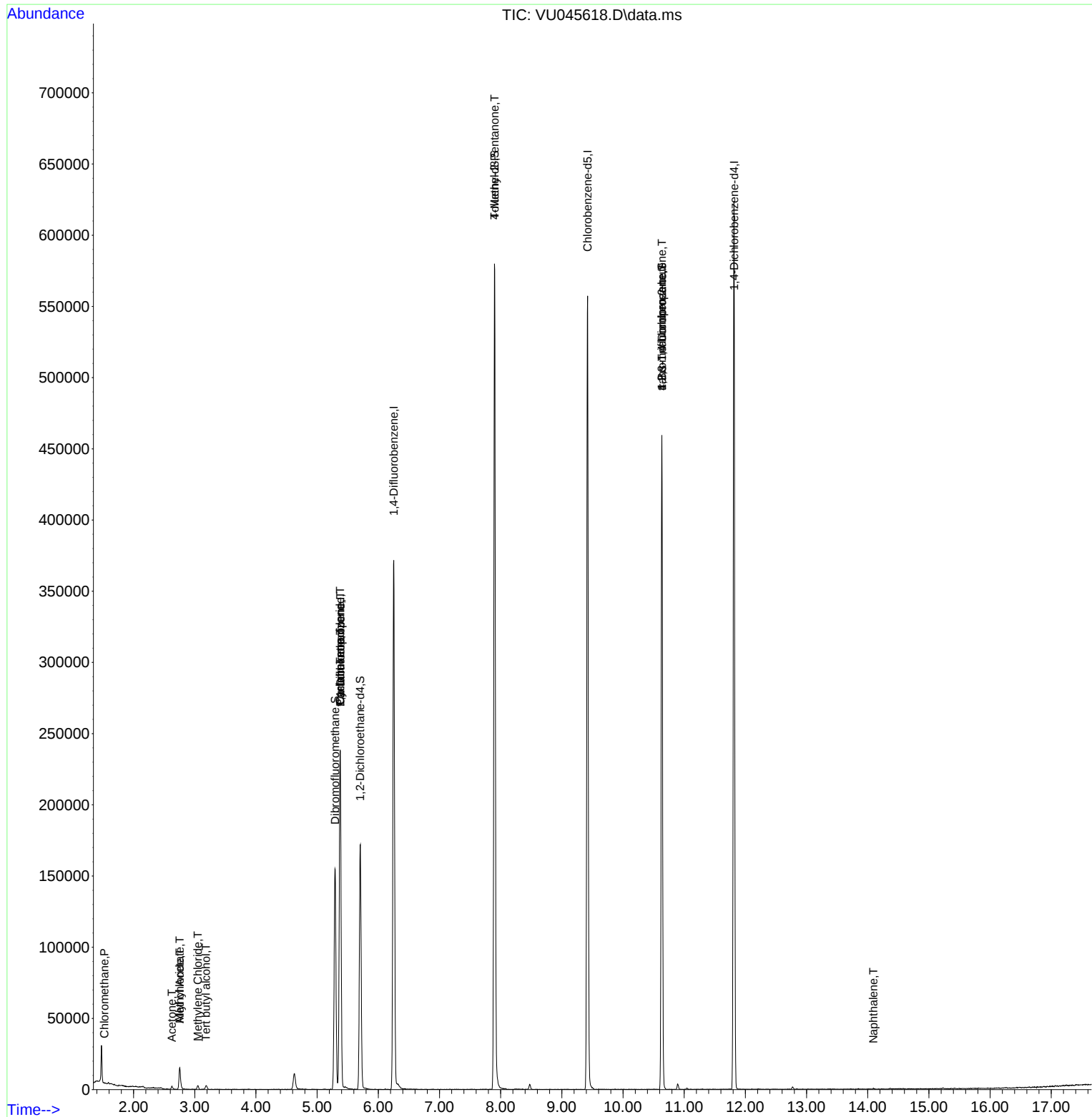
Internal Standards						
1) Pentafluorobenzene	5.379	168	159274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	298688	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	301891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	156666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	126401	52.991	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.980%	
35) Dibromofluoromethane	5.292	113	98773	49.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.060%	
50) Toluene-d8	7.899	98	390534	52.666	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	10.636	95	152582	51.314	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	490	0.207	ug/l	99
11) Tert butyl alcohol	3.183	59	1878	3.978	ug/l #	72
14) Allyl chloride	2.755	41	1464	0.468	ug/l #	68
16) Acetone	2.626	43	2345	1.931	ug/l	99
18) Methyl Acetate	2.755	43	4146	1.002	ug/l #	50
20) Methylene Chloride	3.051	84	1292	0.612	ug/l	93
31) Cyclohexane	5.375	56	3540	1.017	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	13806	4.740	ug/l #	51
38) Carbon Tetrachloride	5.375	117	16631	5.664	ug/l #	15
51) 4-Methyl-2-Pentanone	7.899	43	1599	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	77764	16.368	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	77764	53.403	ug/l #	12
95) Naphthalene	14.092	128	435	1.062	ug/l #	69

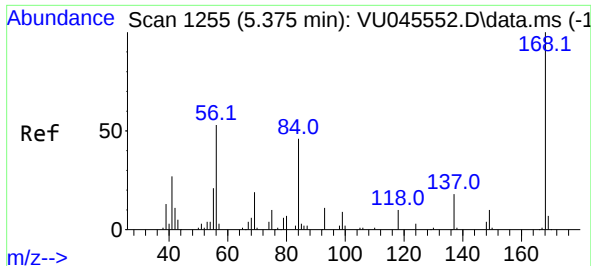
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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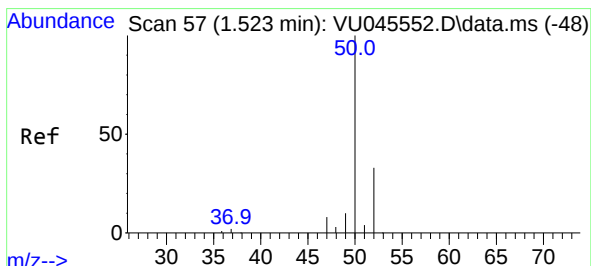
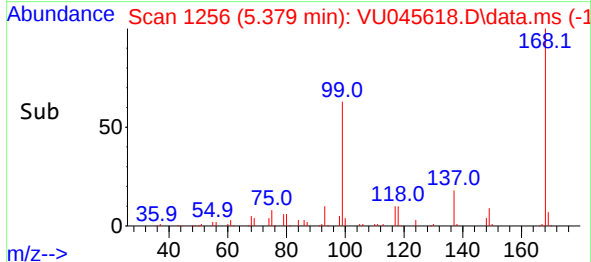
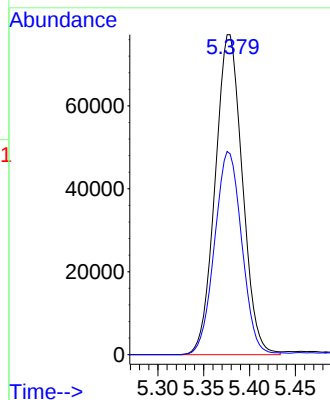
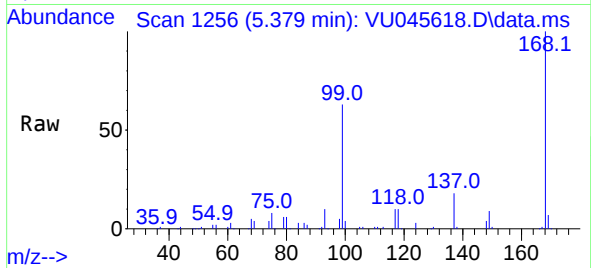




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

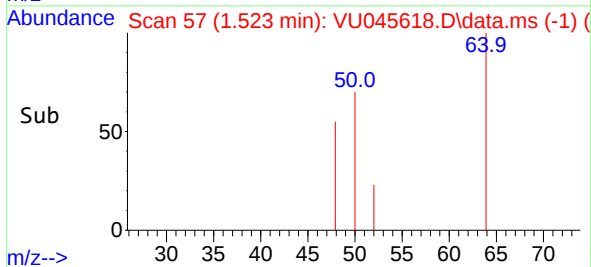
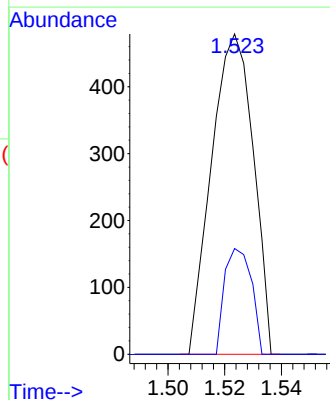
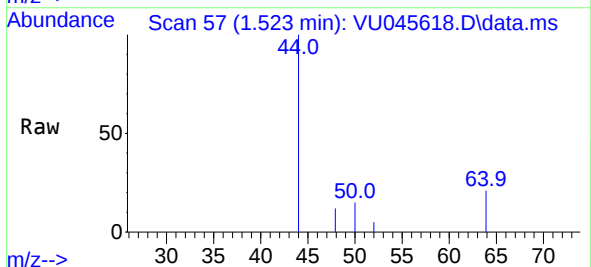
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

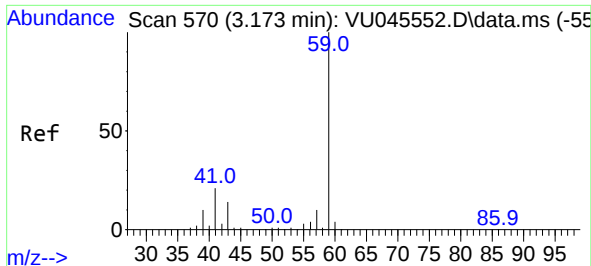
Tgt Ion:168 Resp: 159274
Ion Ratio Lower Upper
168 100
99 62.8 51.0 76.6



#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

Tgt Ion: 50 Resp: 490
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0

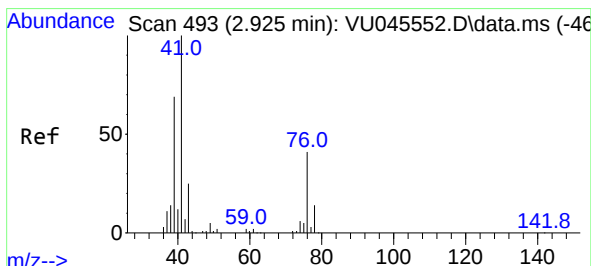
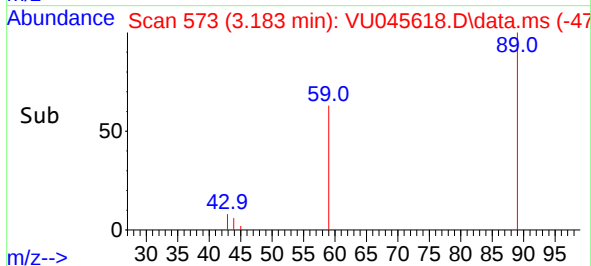
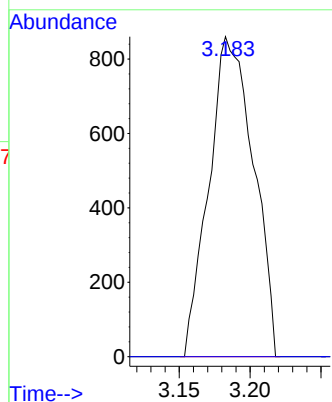
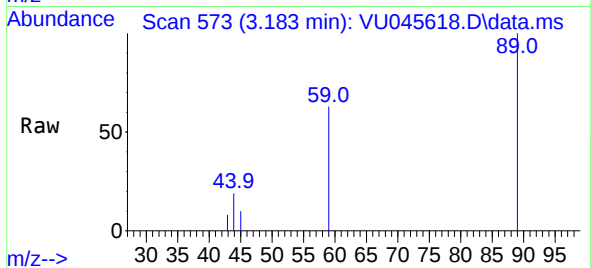




#11
Tert butyl alcohol
Concen: 3.978 ug/l
RT: 3.183 min Scan# 51
Delta R.T. 0.010 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

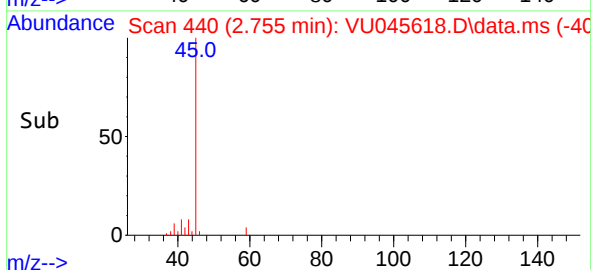
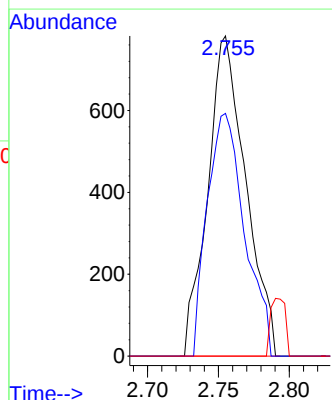
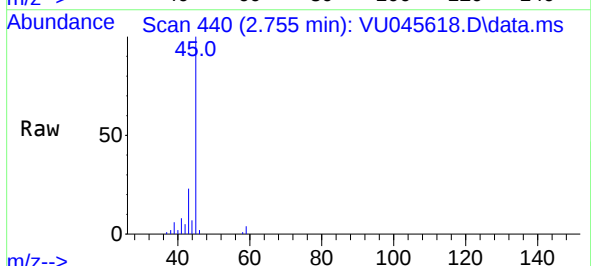
Instrument :
MSVOA_U
ClientSampleId :
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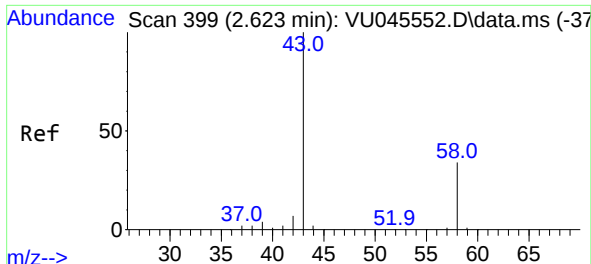
Tgt Ion: 59 Resp: 1878
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.468 ug/l
RT: 2.755 min Scan# 440
Delta R.T. -0.170 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

Tgt Ion: 41 Resp: 1464
Ion Ratio Lower Upper
41 100
39 74.4 49.7 74.5
76 0.0 27.7 41.5#

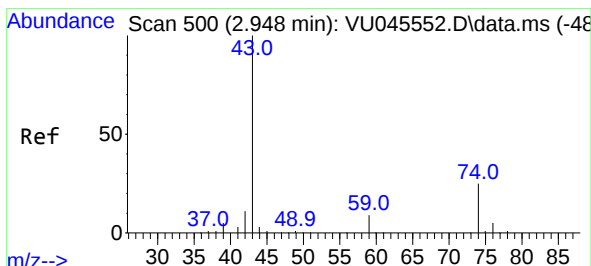
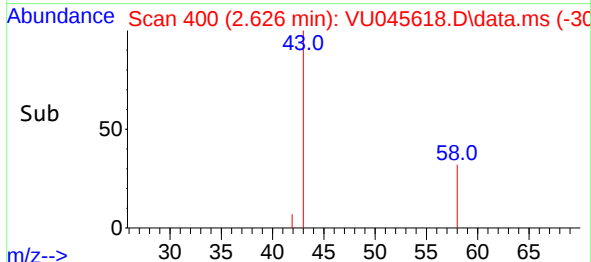
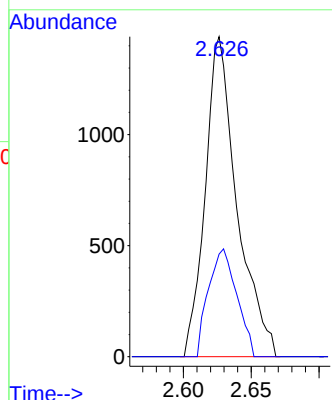
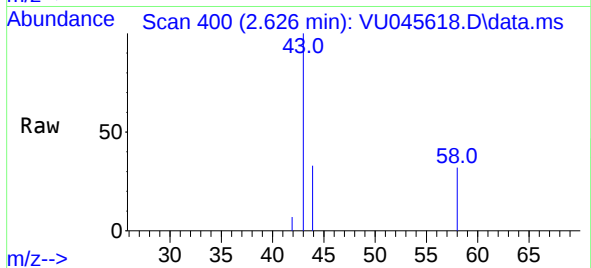




#16
Acetone
Concen: 1.931 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

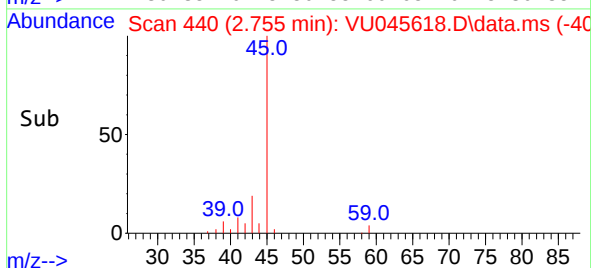
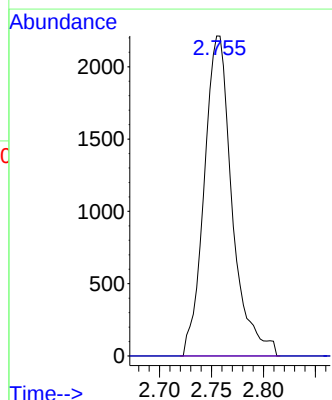
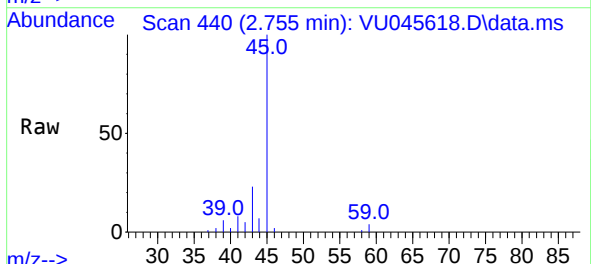
Instrument :
MSVOA_U
ClientSampleId :
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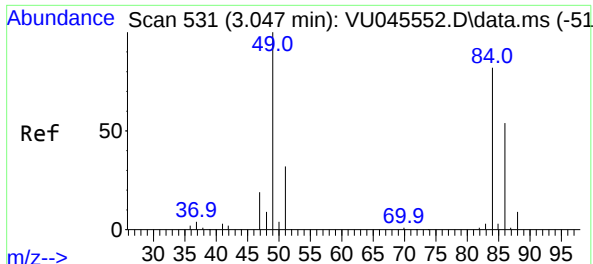
Tgt Ion: 43 Resp: 2345
Ion Ratio Lower Upper
43 100
58 32.1 26.2 39.2



#18
Methyl Acetate
Concen: 1.002 ug/l
RT: 2.755 min Scan# 440
Delta R.T. -0.193 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

Tgt Ion: 43 Resp: 4146
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



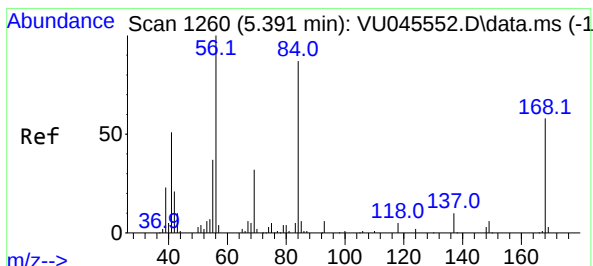
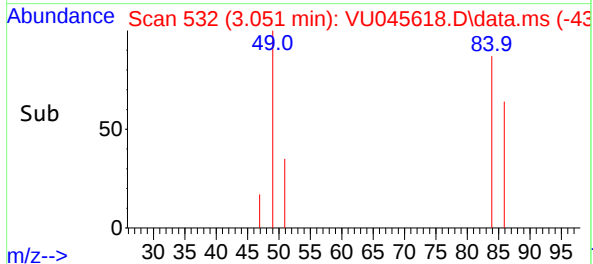
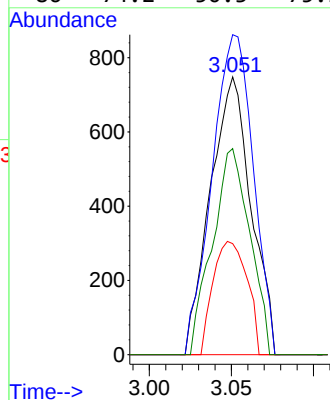
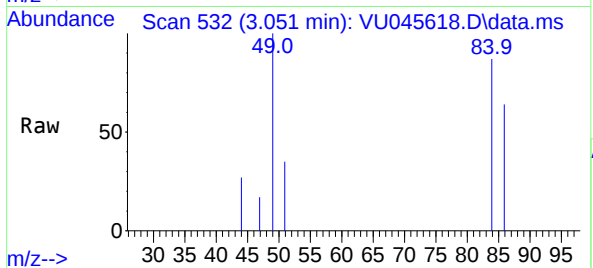


#20
Methylene Chloride
Concen: 0.612 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tgt Ion: 84 Resp: 1292

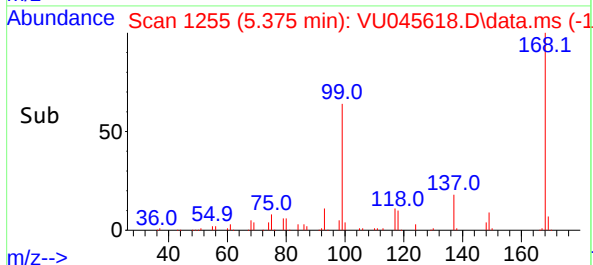
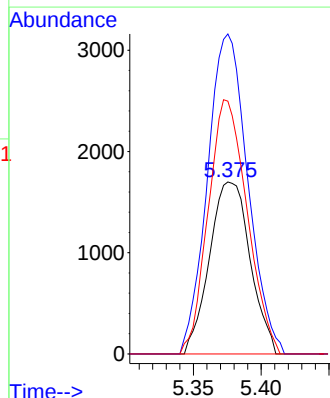
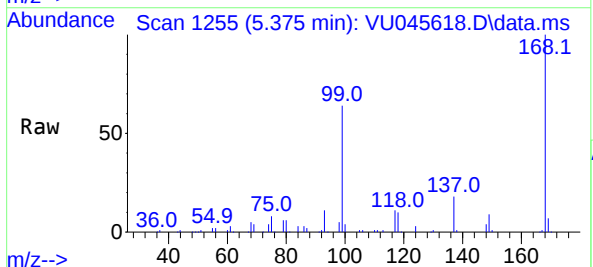
Ion	Ratio	Lower	Upper
84	100		
49	115.2	96.4	144.6
51	40.0	30.5	45.7
86	74.2	50.3	75.5

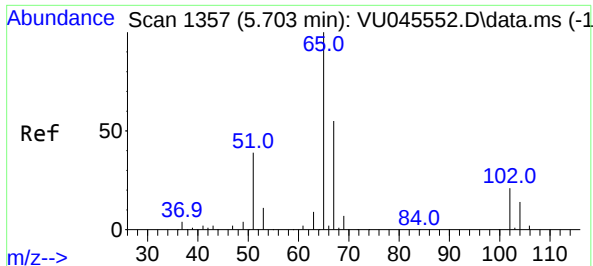


#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

Tgt Ion: 56 Resp: 3540

Ion	Ratio	Lower	Upper
56	100		
69	186.1	26.4	39.6#
84	147.0	68.4	102.6#





#33

1,2-Dichloroethane-d4

Concen: 52.991 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045618.D

Acq: 08 Nov 2021 16:18

Instrument :

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ClientSampleId :

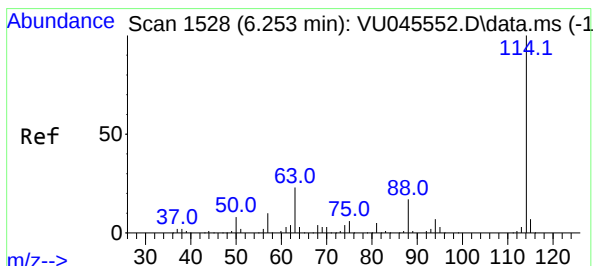
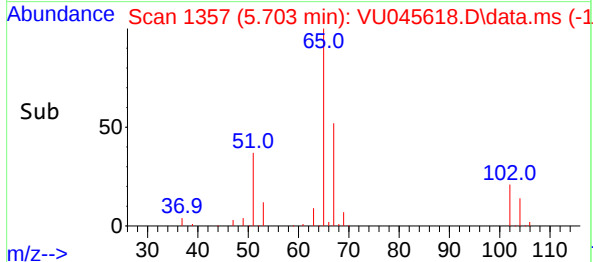
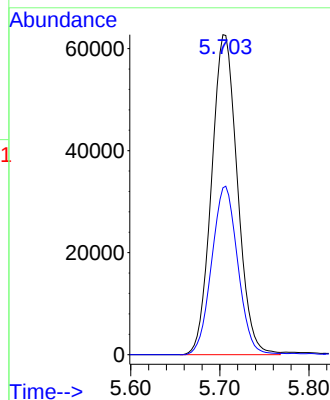
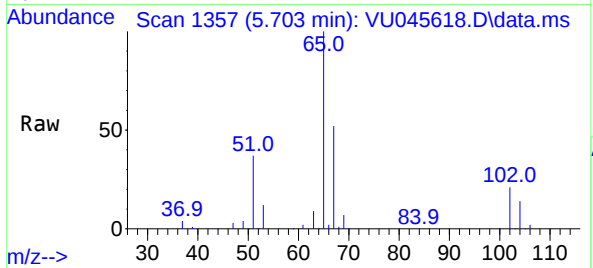
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Tgt Ion: 65 Resp: 126401

Ion Ratio Lower Upper

65 100

67 53.2 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: VU045618.D

Acq: 08 Nov 2021 16:18

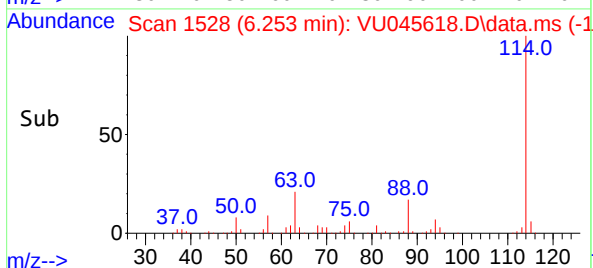
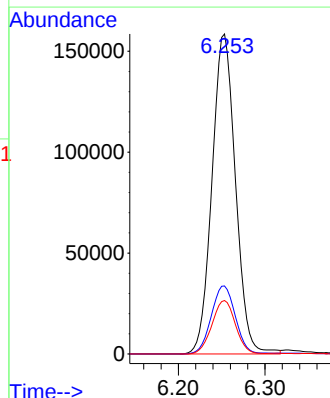
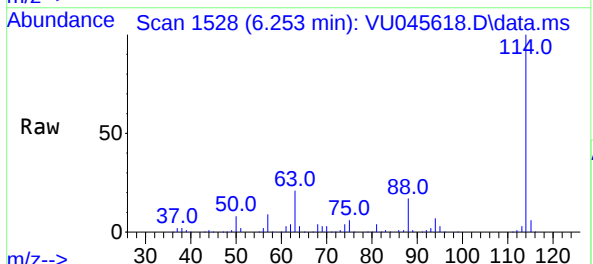
Tgt Ion: 114 Resp: 298688

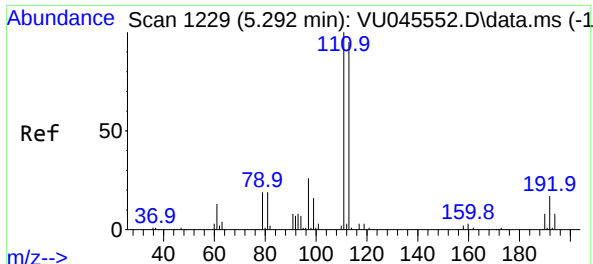
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.6

88 16.7 0.0 33.8

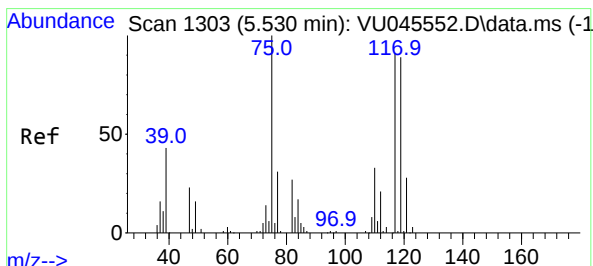
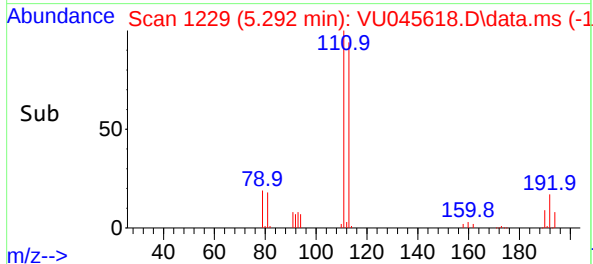
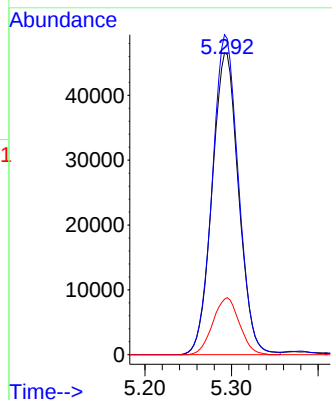
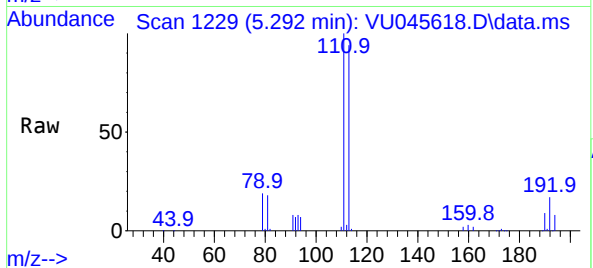




#35
Dibromofluoromethane
Concen: 49.531 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

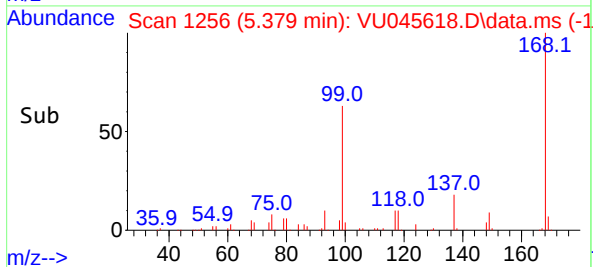
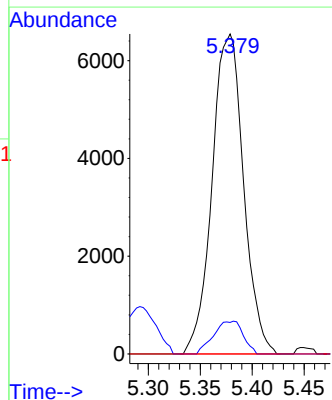
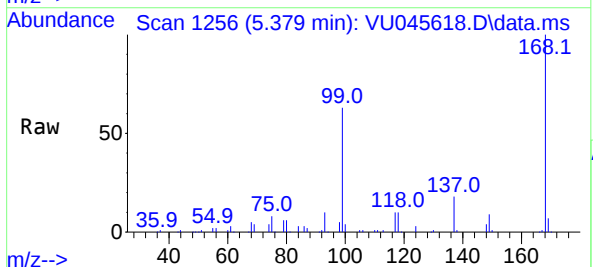
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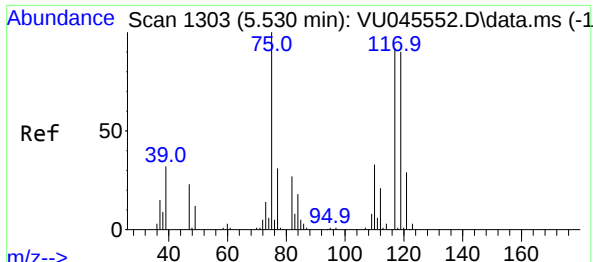
Tgt Ion:113 Resp: 98773
Ion Ratio Lower Upper
113 100
111 104.7 82.8 124.2
192 18.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.740 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

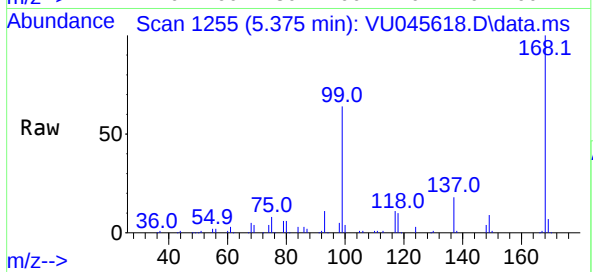
Tgt Ion: 75 Resp: 13806
Ion Ratio Lower Upper
75 100
110 9.6 16.7 50.0#
77 0.0 25.0 37.4#



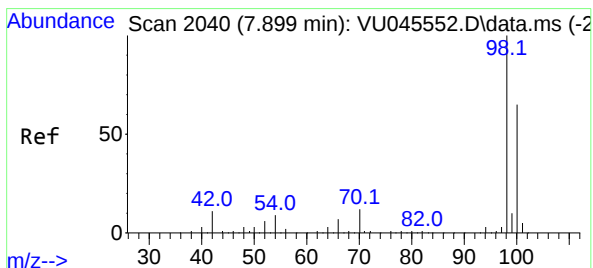
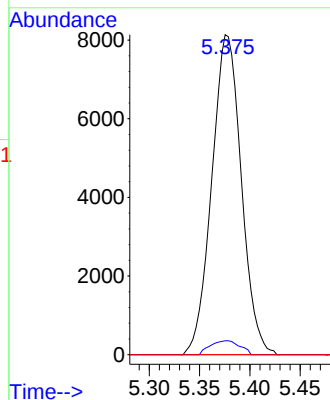
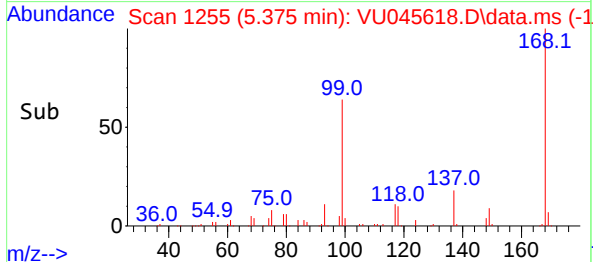


#38
Carbon Tetrachloride
Concen: 5.664 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

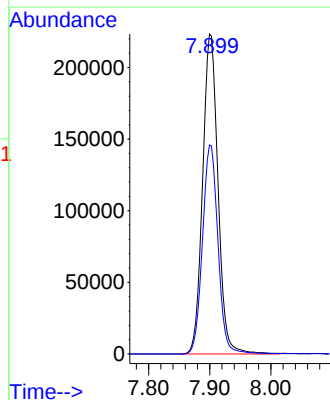
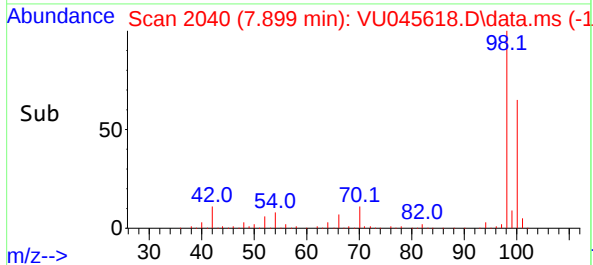
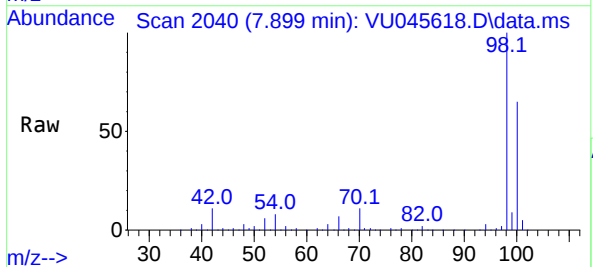


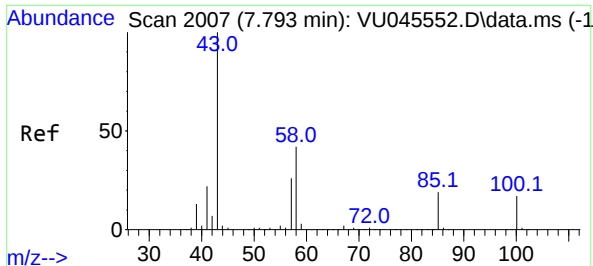
Tgt Ion:117 Resp: 16631
Ion Ratio Lower Upper
117 100
119 4.4 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.666 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

Tgt Ion: 98 Resp: 390534
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

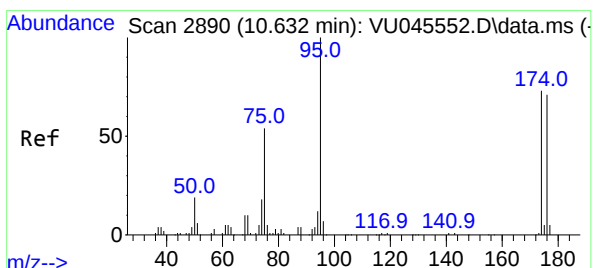
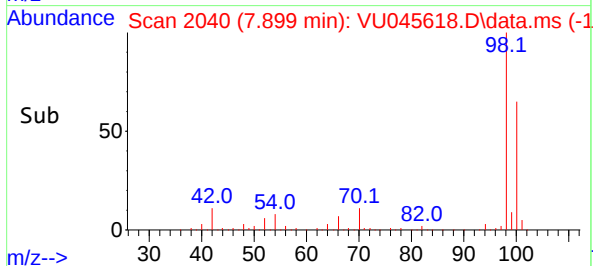
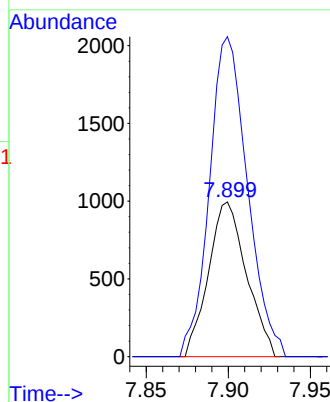
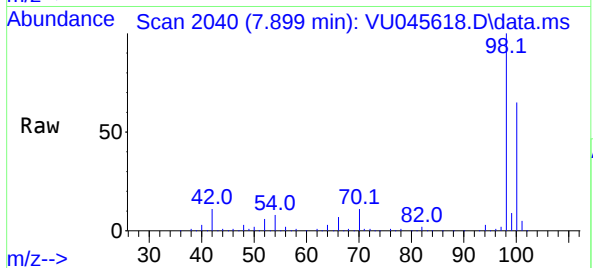




#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

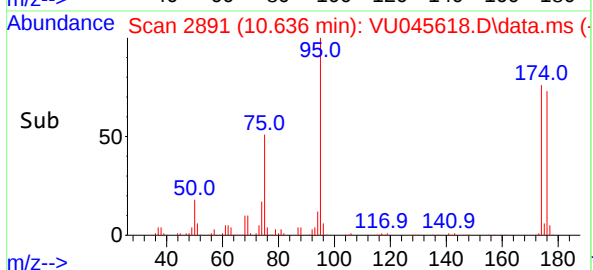
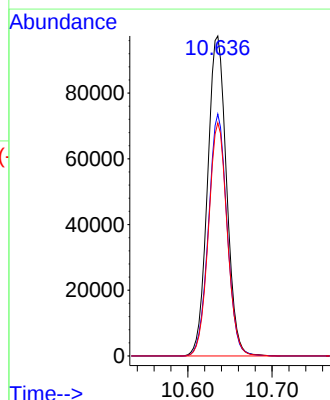
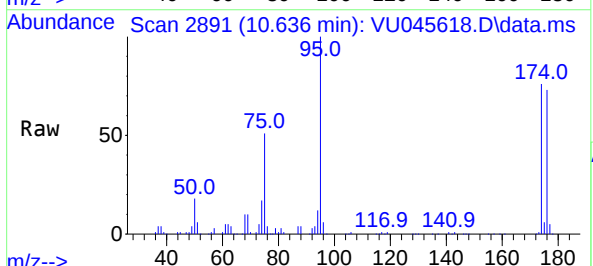
Instrument :
MSVOA_U
ClientSampleId :
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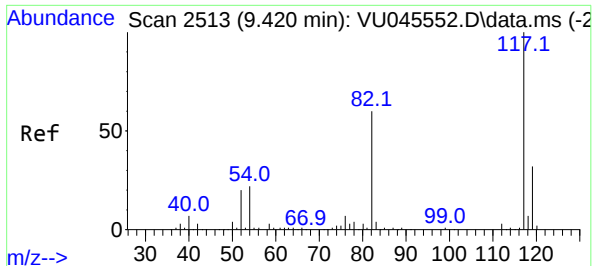
Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
58 207.3 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 51.314 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

Tgt Ion: 95 Resp: 152582
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.8
176 71.8 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045618.D

Acq: 08 Nov 2021 16:18

Instrument :

MSVOA_U

ClientSampleId :

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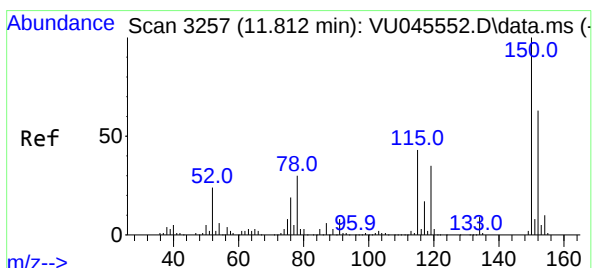
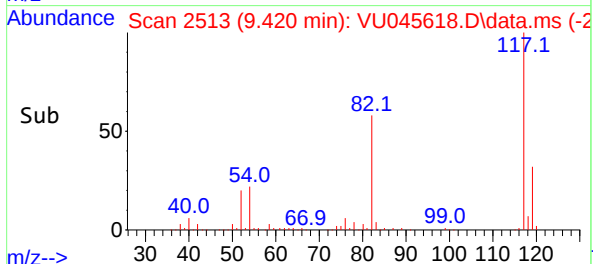
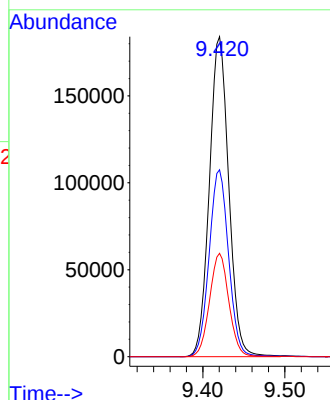
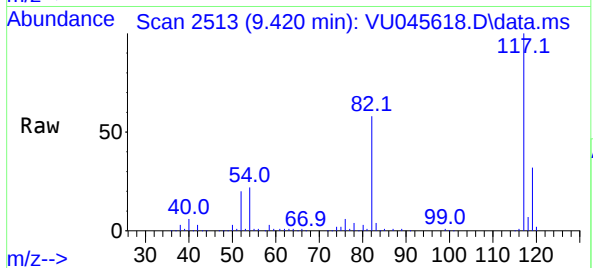
Tgt Ion:117 Resp: 301891

Ion Ratio Lower Upper

117 100

82 58.4 47.8 71.8

119 32.3 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: VU045618.D

Acq: 08 Nov 2021 16:18

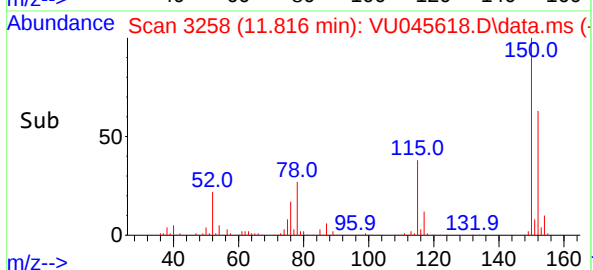
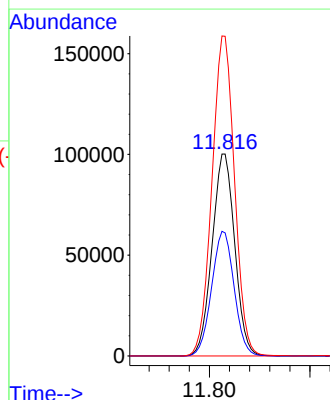
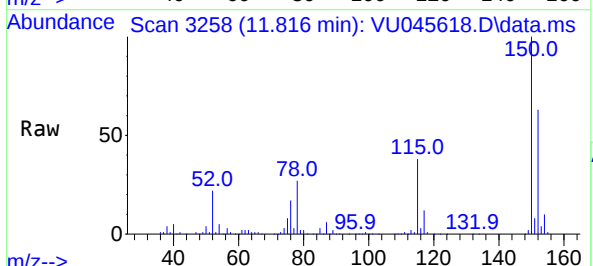
Tgt Ion:152 Resp: 156666

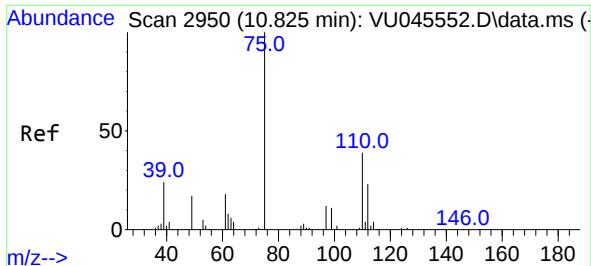
Ion Ratio Lower Upper

152 100

115 61.4 42.7 128.1

150 157.8 0.0 346.8

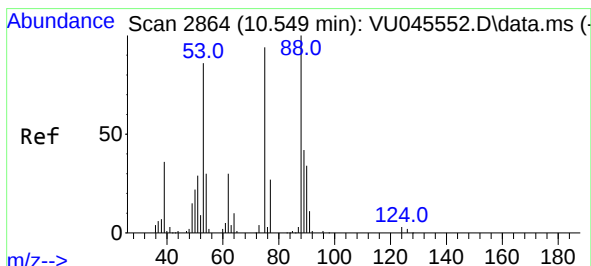
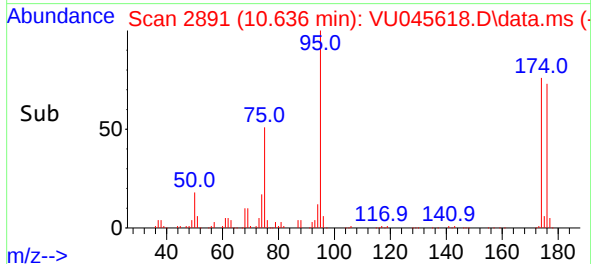
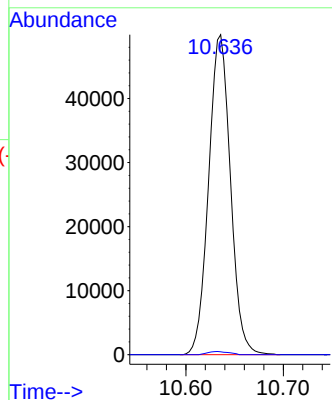
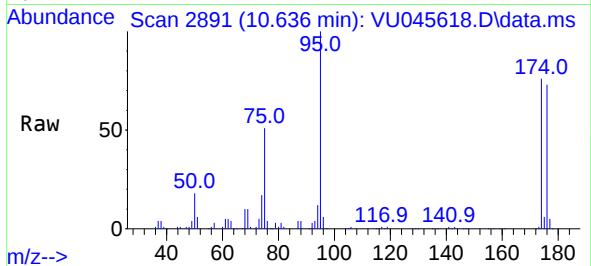




#76
1,2,3-Trichloropropane
Concen: 16.368 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

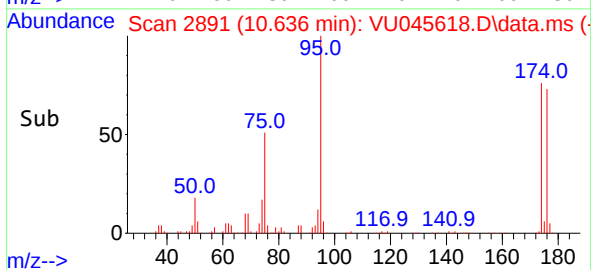
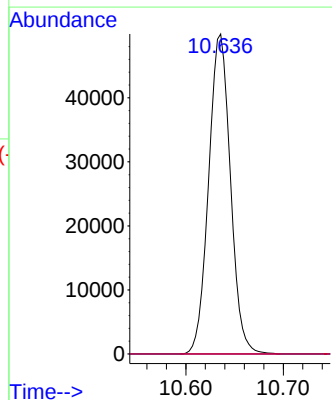
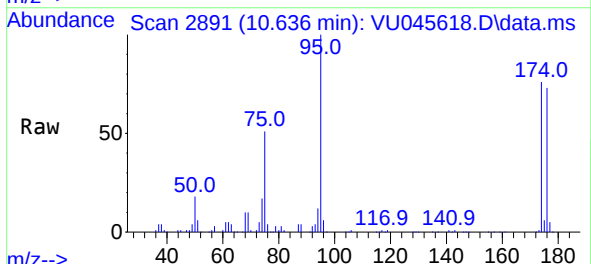
Instrument :
MSVOA_U
ClientSampleId :
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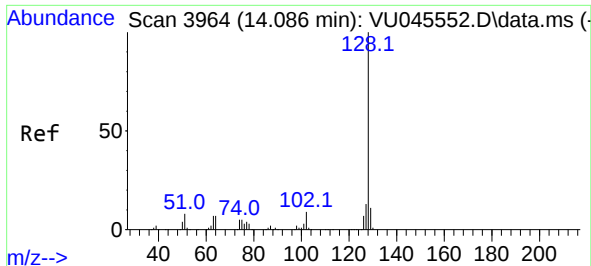
Tgt Ion: 75 Resp: 77764
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.403 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

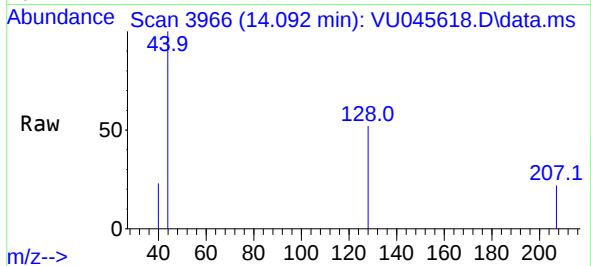
Tgt Ion: 75 Resp: 77764
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
Naphthalene
Concen: 1.062 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045618.D
Acq: 08 Nov 2021 16:18

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK



Tgt Ion:128 Resp: 435
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

