

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045613.D
 Acq On : 08 Nov 2021 14:23
 Operator : SY/MD
 Sample : M4571-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 09:56:14 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)

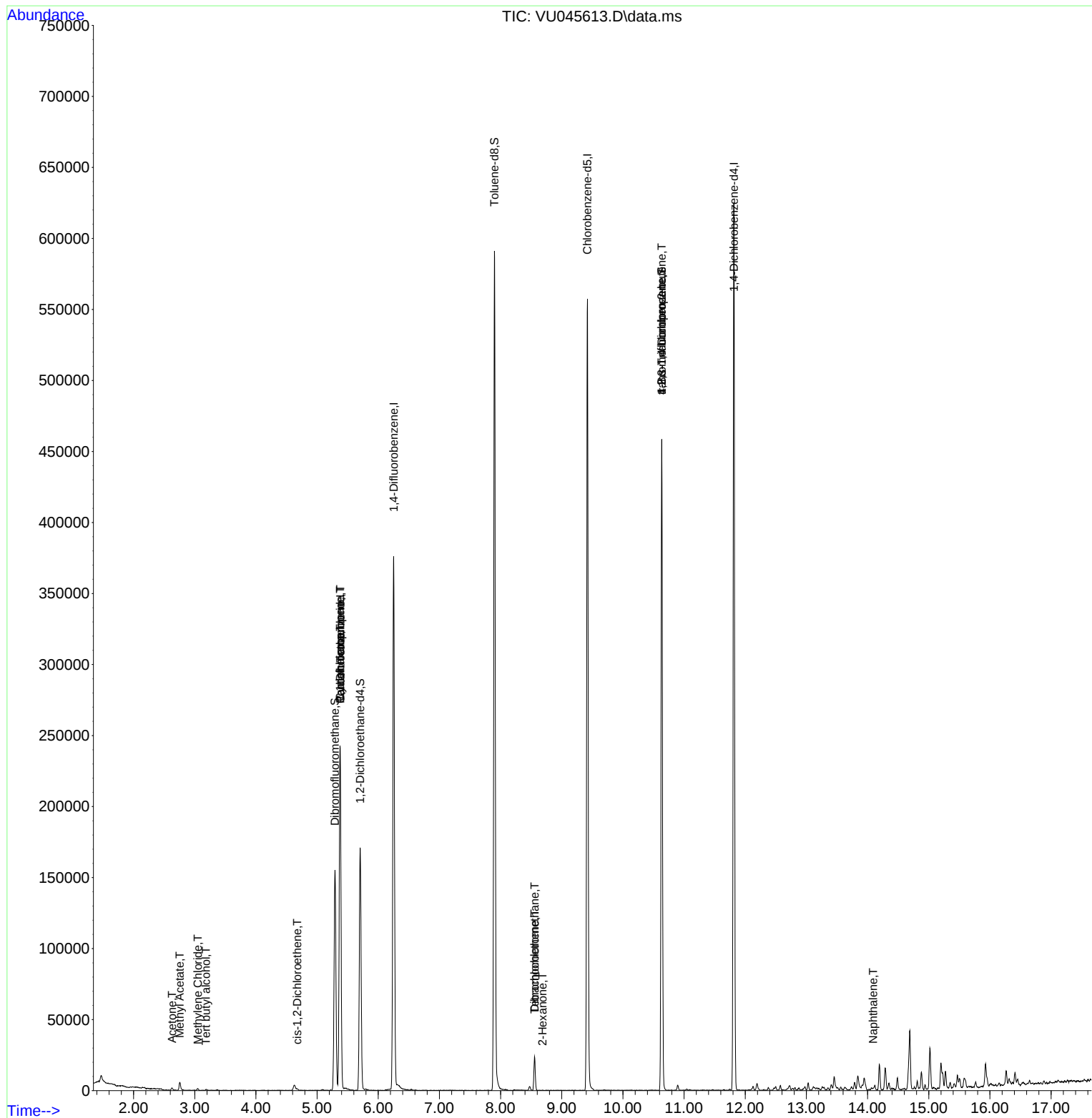
Internal Standards						
1) Pentafluorobenzene	5.379	168	162755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	298101	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	305389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	159285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	127989	52.510	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.020%
35) Dibromofluoromethane	5.292	113	100736	50.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.220%
50) Toluene-d8	7.899	98	391568	52.909	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.820%
62) 4-Bromofluorobenzene	10.636	95	153461	51.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.182	59	495	1.026	ug/l #	72
16) Acetone	2.629	43	1983	1.598	ug/l	93
18) Methyl Acetate	2.755	43	1701	0.402	ug/l #	50
20) Methylene Chloride	3.051	84	642	0.298	ug/l	88
27) cis-1,2-Dichloroethene	4.674	96	531	0.243	ug/l	86
31) Cyclohexane	5.375	56	3515	0.988	ug/l #	7
36) 1,1-Dichloropropene	5.375	75	13824	4.756	ug/l #	50
38) Carbon Tetrachloride	5.379	117	17313	5.908	ug/l #	16
59) 2-Hexanone	8.687	43	63	7.556	ug/l #	21
60) Dibromochloromethane	8.555	129	5010	2.203	ug/l #	11
64) Tetrachloroethene	8.558	164	4939	2.818	ug/l	96
76) 1,2,3-Trichloropropane	10.636	75	79044	16.364	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	79044	53.391	ug/l #	12
95) Naphthalene	14.092	128	1788	1.165	ug/l #	76

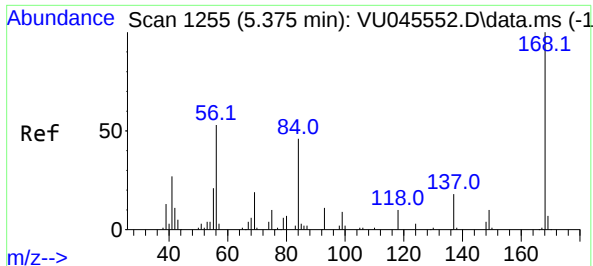
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 09 09:56:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

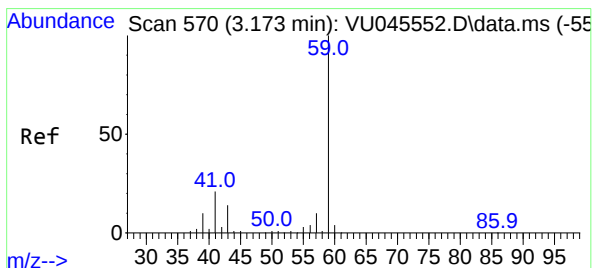
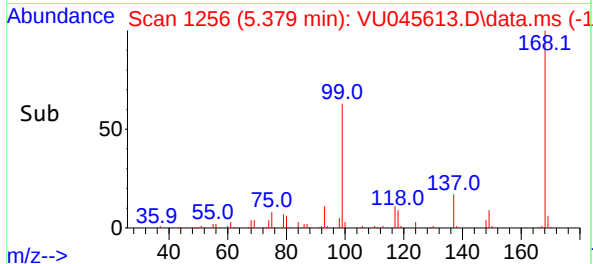
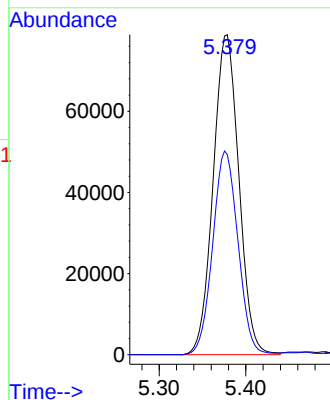
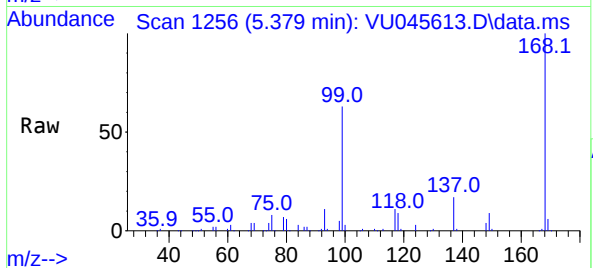




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

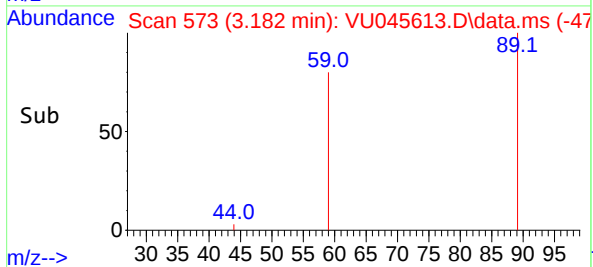
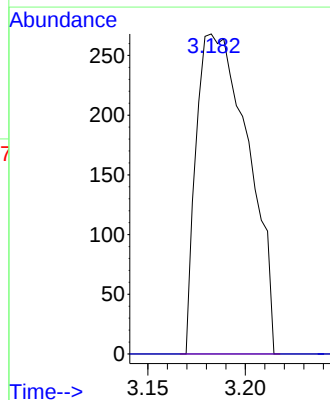
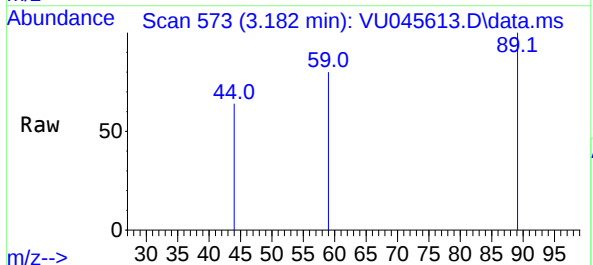
Instrument :
MSVOA_U
ClientSampleId :

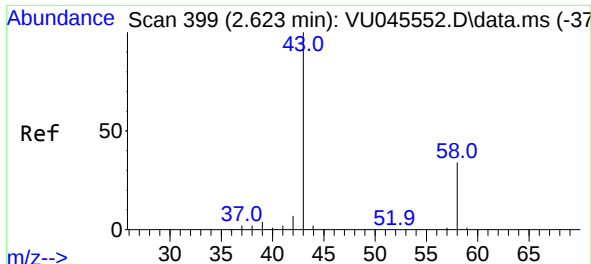
Tgt Ion:168 Resp: 162755
Ion Ratio Lower Upper
168 100
99 62.6 51.0 76.6



#11
Tert butyl alcohol
Concen: 1.026 ug/l
RT: 3.182 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Tgt Ion: 59 Resp: 495
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

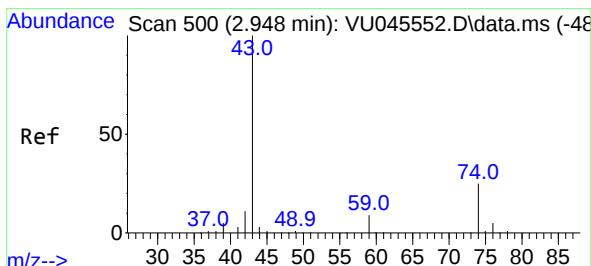
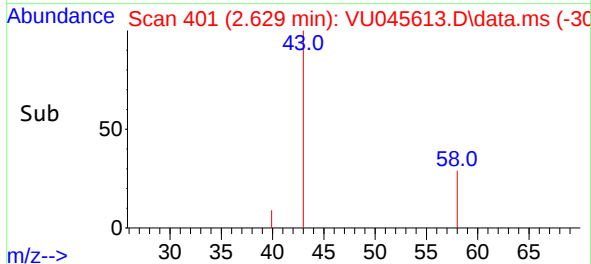
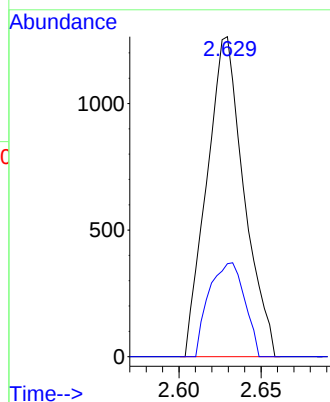
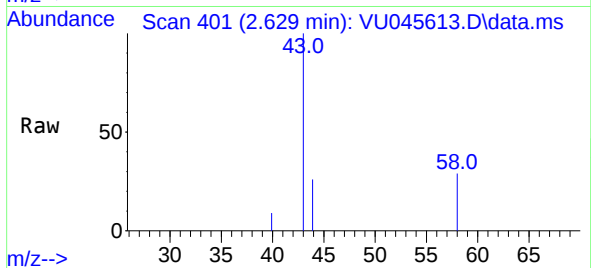




#16
Acetone
Concen: 1.598 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

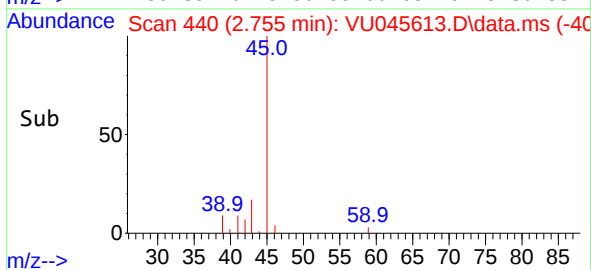
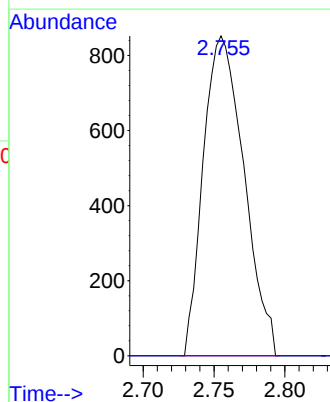
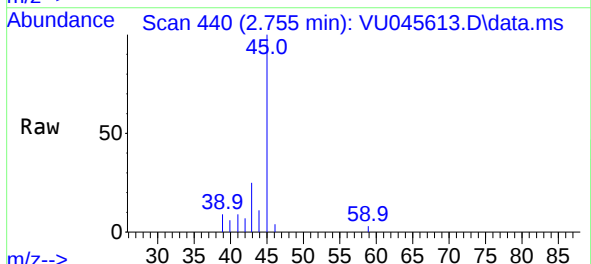
Instrument :
MSVOA_U
ClientSampleId :

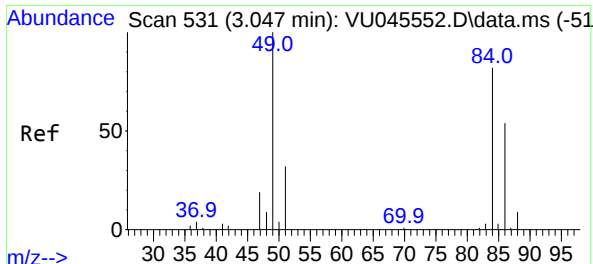
Tgt Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
58 29.0 26.2 39.2



#18
Methyl Acetate
Concen: 0.402 ug/l
RT: 2.755 min Scan# 440
Delta R.T. -0.193 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

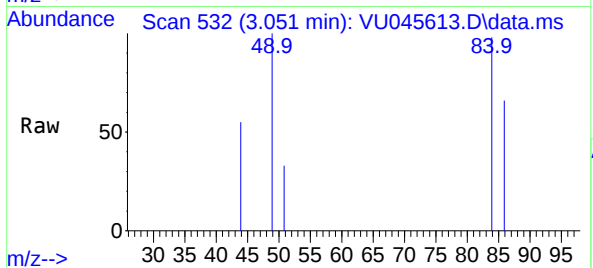
Tgt Ion: 43 Resp: 1701
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





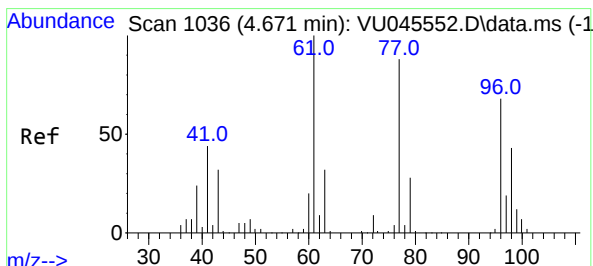
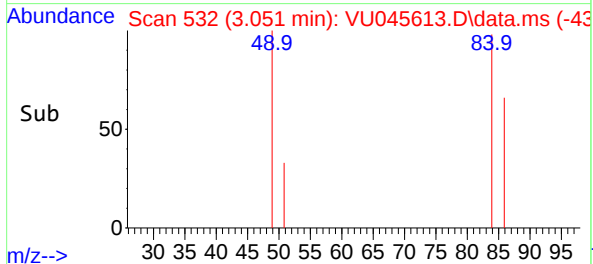
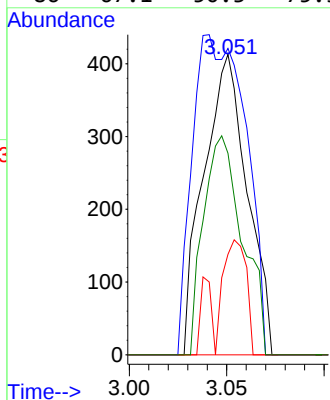
#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 642

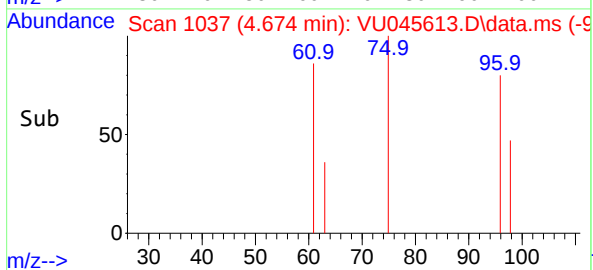
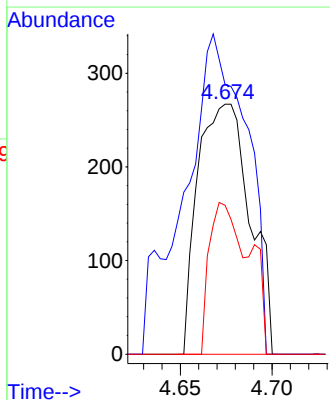
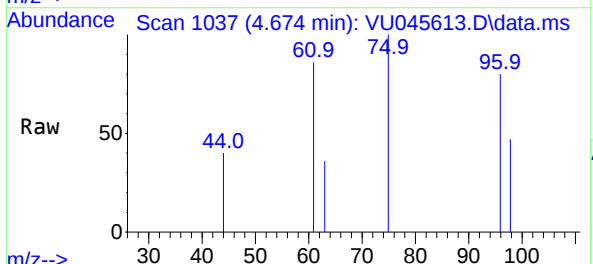
Ion	Ratio	Lower	Upper
84	100		
49	101.9	96.4	144.6
51	33.4	30.5	45.7
86	67.1	50.3	75.5

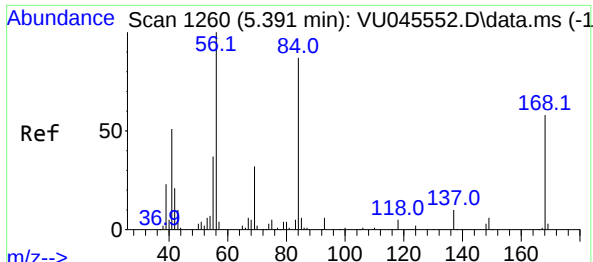


#27
cis-1,2-Dichloroethene
Concen: 0.243 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Tgt Ion: 96 Resp: 531

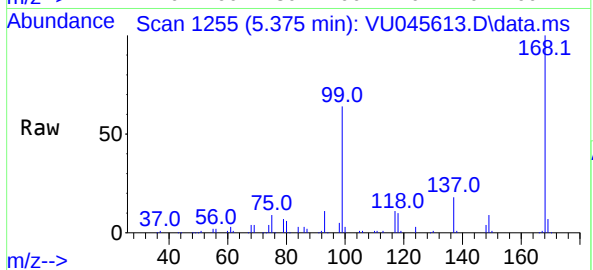
Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	299.2
98	46.1	0.0	127.6



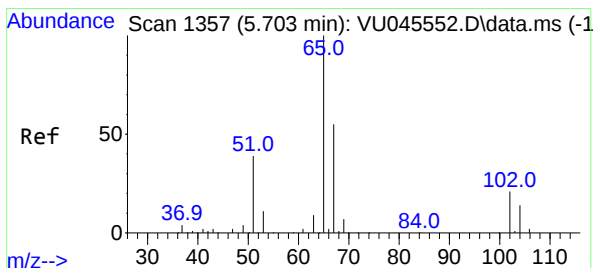
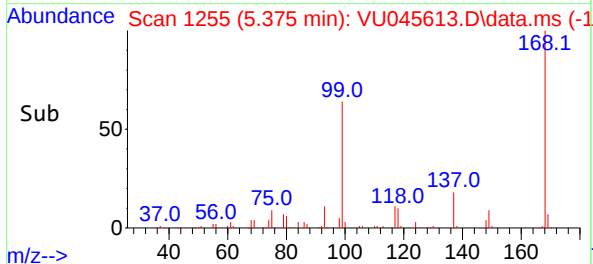
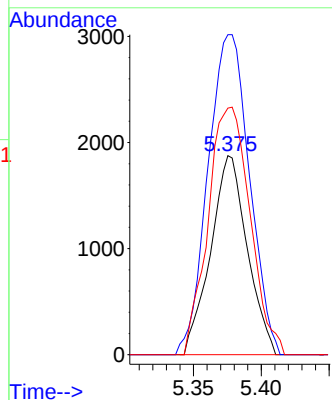


#31
Cyclohexane
Concen: 0.988 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Instrument :
MSVOA_U
ClientSampleId :

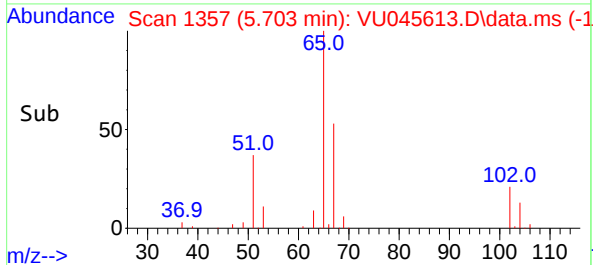
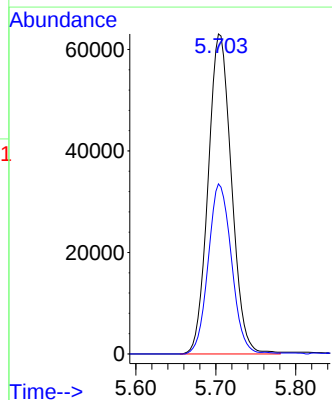
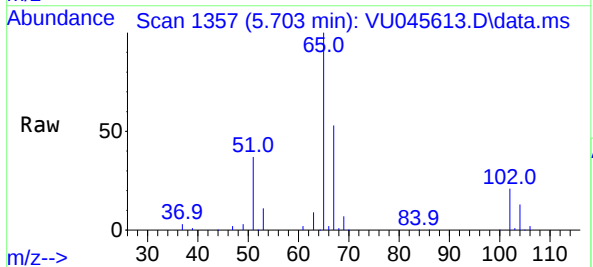


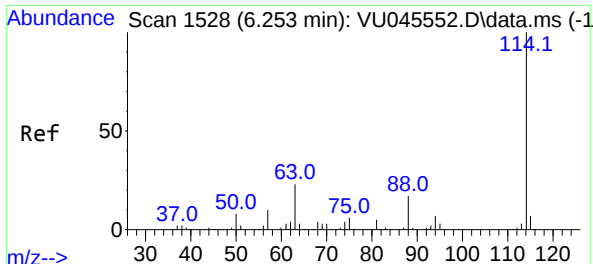
Tgt Ion: 56 Resp: 3515
Ion Ratio Lower Upper
56 100
69 160.8 26.4 39.6#
84 123.9 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 52.510 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Tgt Ion: 65 Resp: 127989
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8

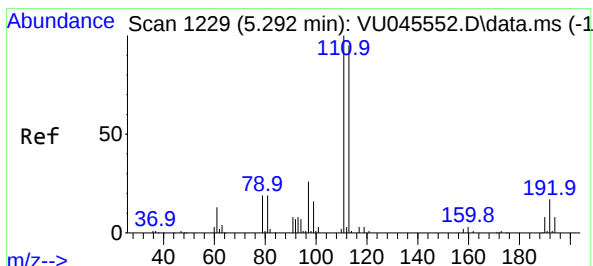
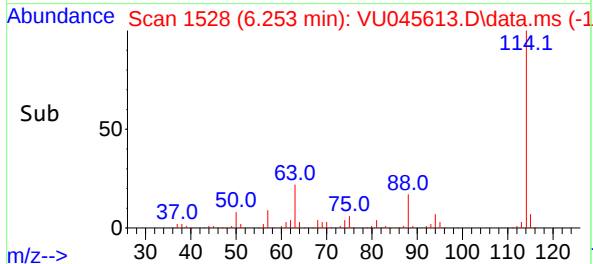
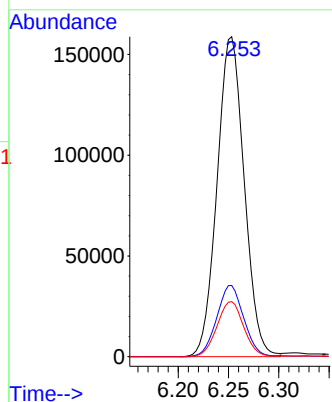
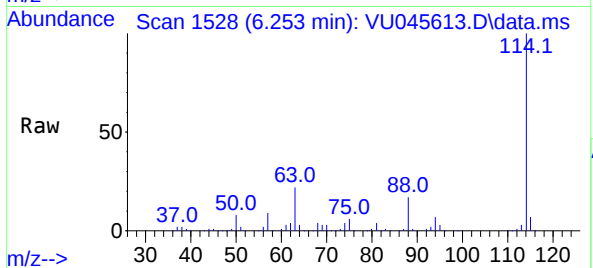




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

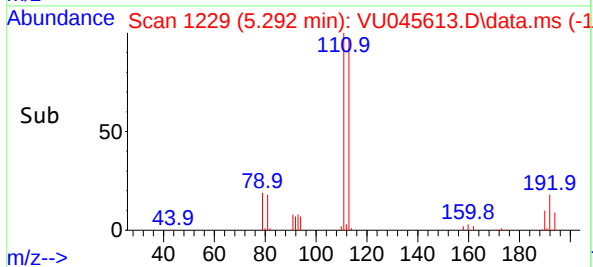
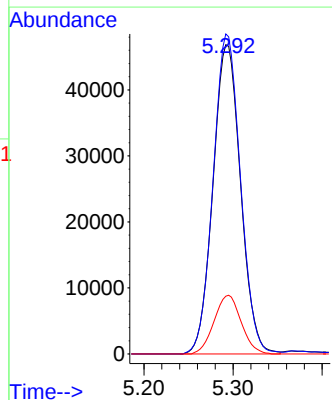
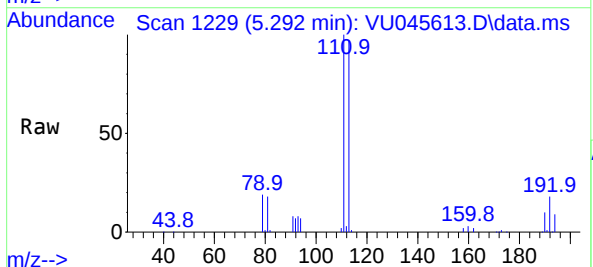
Instrument :
MSVOA_U
ClientSampleId :

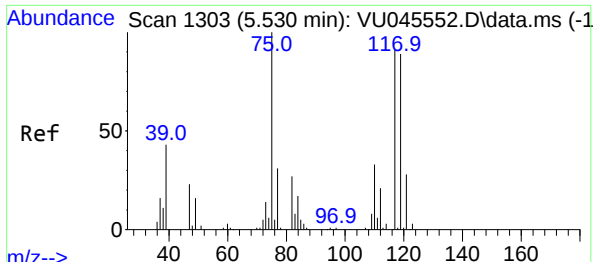
Tgt Ion:114 Resp: 298101
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.6
88 17.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.614 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Tgt Ion:113 Resp: 100736
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.7 14.8 22.2

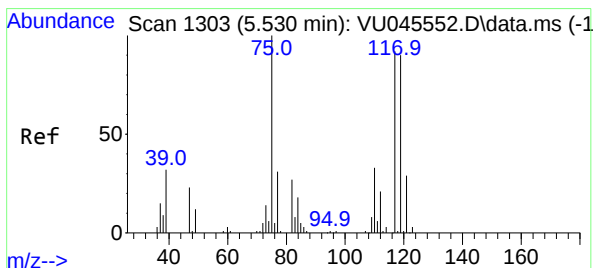
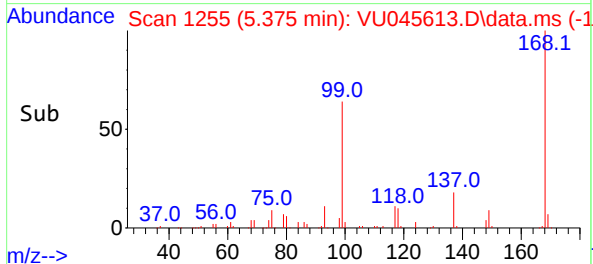
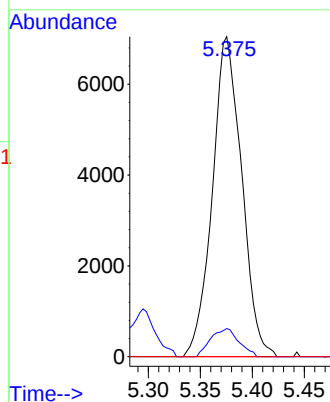
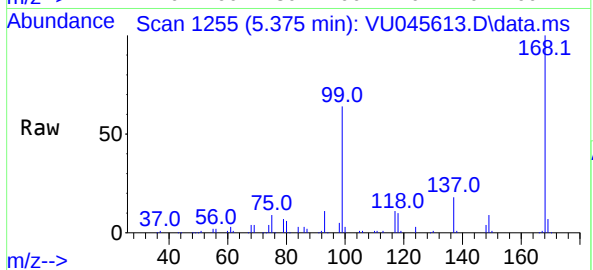




#36
1,1-Dichloropropene
Concen: 4.756 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

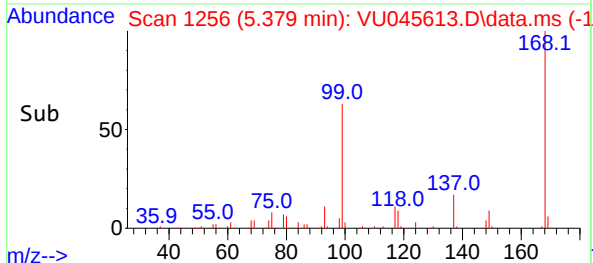
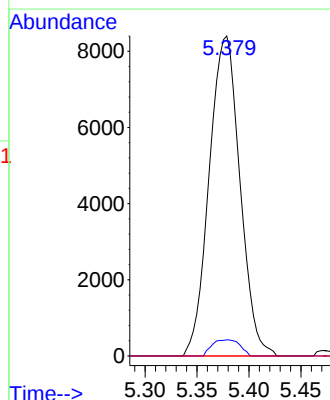
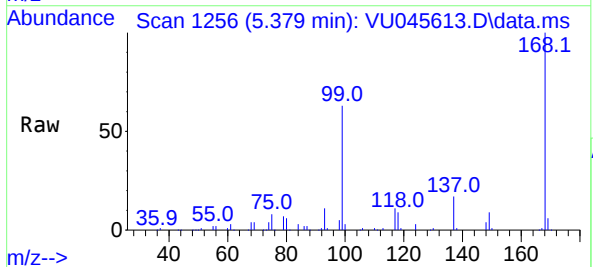
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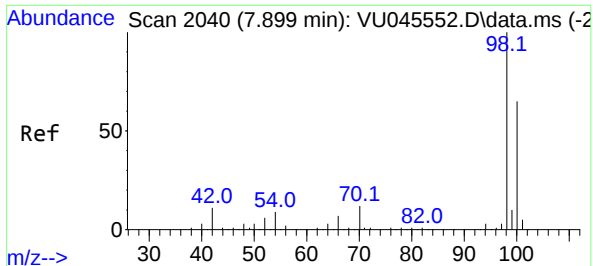
Tgt Ion: 75 Resp: 13824
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.908 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Tgt Ion:117 Resp: 17313
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.0#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.909 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045613.D

Acq: 08 Nov 2021 14:23

Instrument :

MSVOA_U

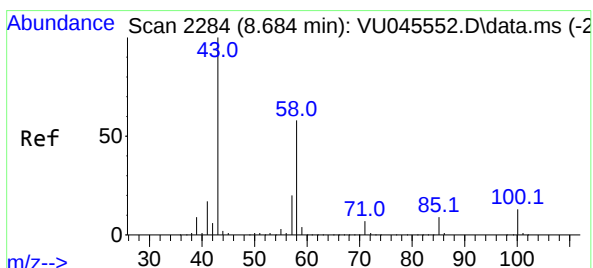
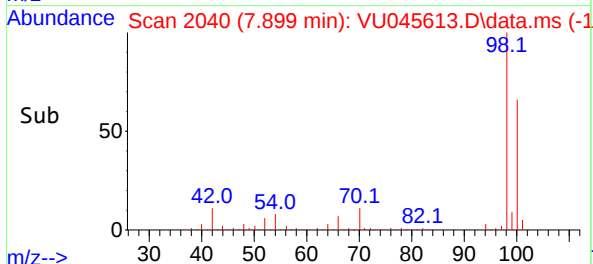
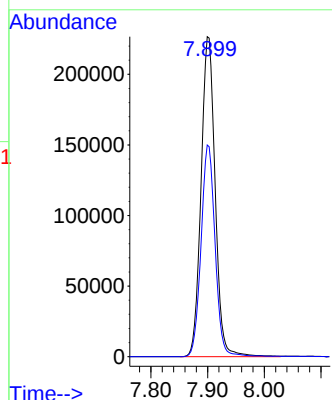
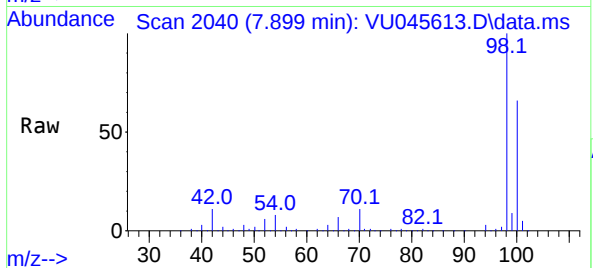
ClientSampleId :

Tgt Ion: 98 Resp: 391568

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#59

2-Hexanone

Concen: 7.556 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU045613.D

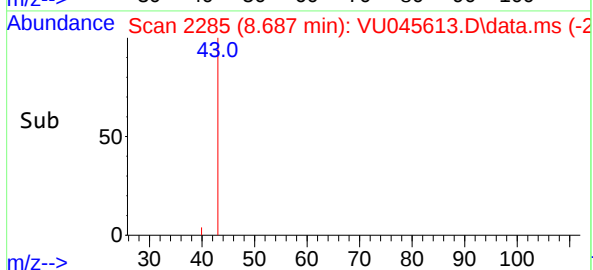
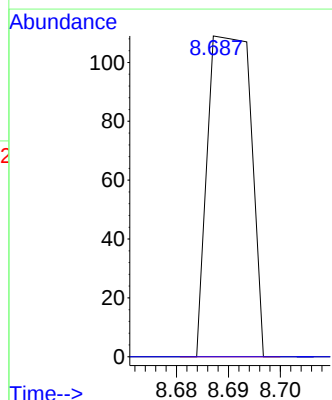
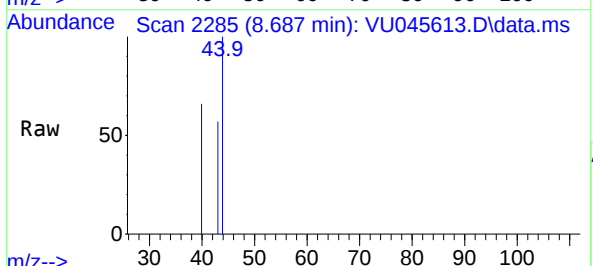
Acq: 08 Nov 2021 14:23

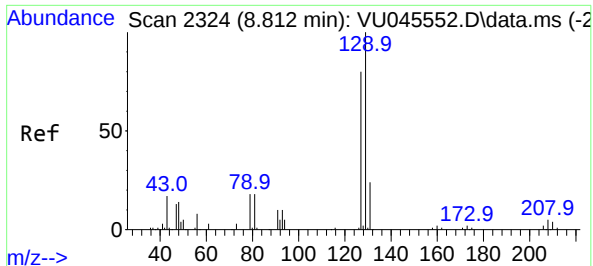
Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#

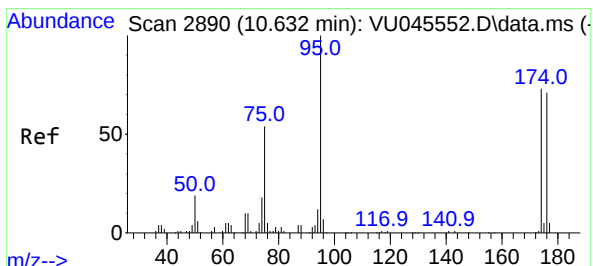
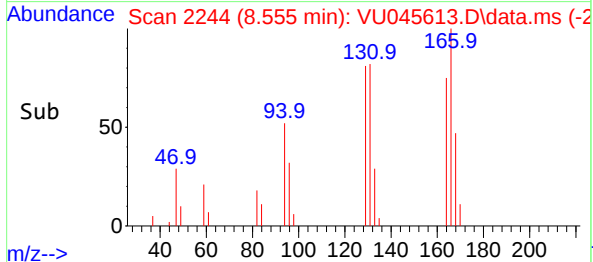
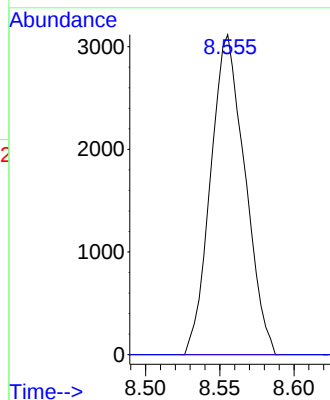
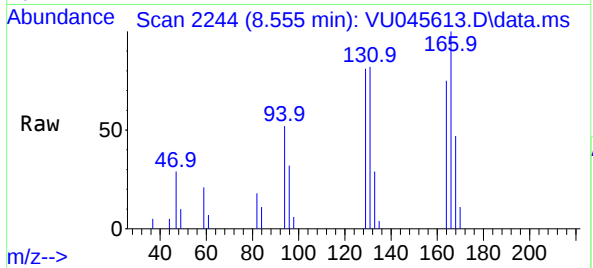




#60
Dibromochloromethane
Concen: 2.203 ug/l
RT: 8.555 min Scan# 211
Delta R.T. -0.257 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

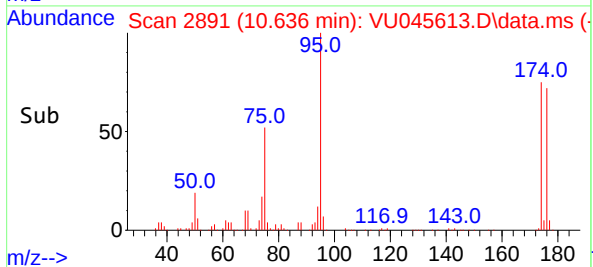
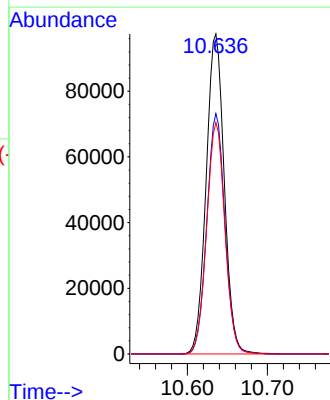
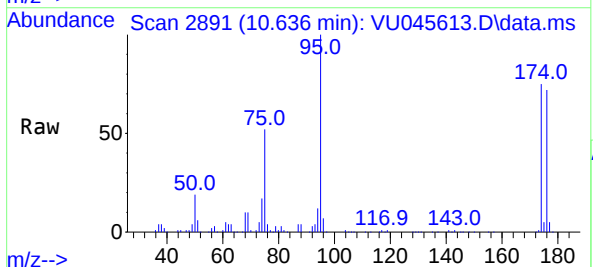
Instrument :
MSVOA_U
ClientSampleId :

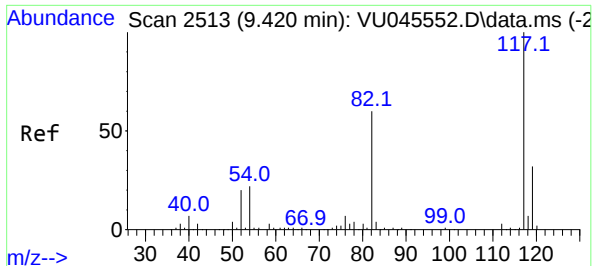
Tgt Ion:129 Resp: 5010
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 51.711 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Tgt Ion: 95 Resp: 153461
Ion Ratio Lower Upper
95 100
174 75.5 0.0 141.8
176 72.6 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: VU045613.D

Acq: 08 Nov 2021 14:23

Instrument :

MSVOA_U

ClientSampleId :

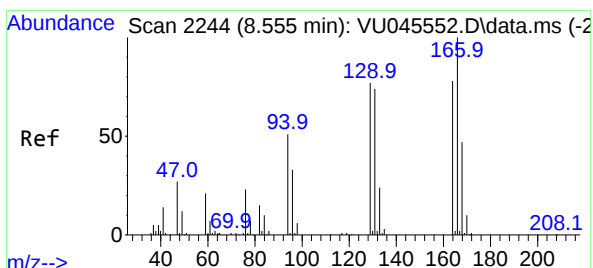
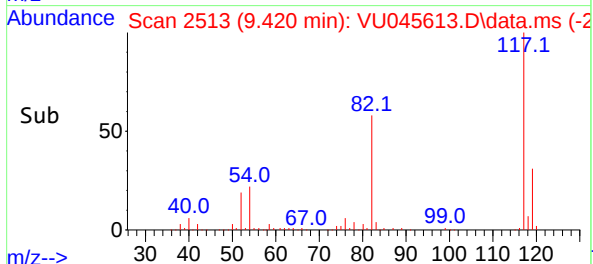
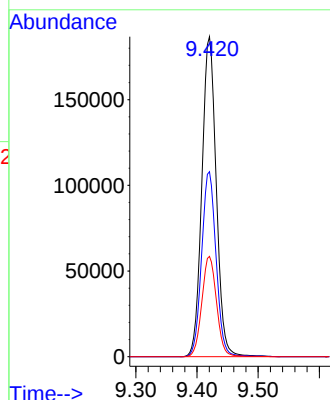
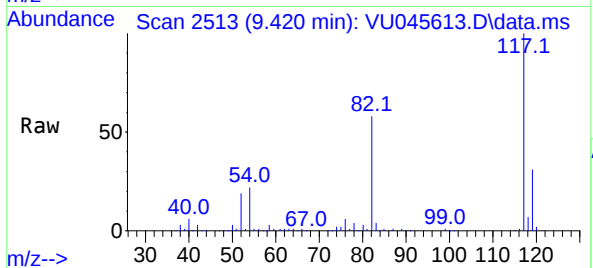
Tgt Ion:117 Resp: 305389

Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.8

119 31.4 25.8 38.8



#64

Tetrachloroethene

Concen: 2.818 ug/l

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU045613.D

Acq: 08 Nov 2021 14:23

Tgt Ion:164 Resp: 4939

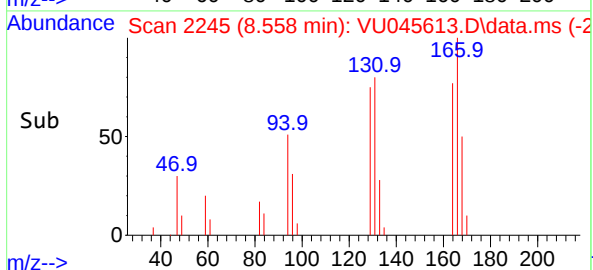
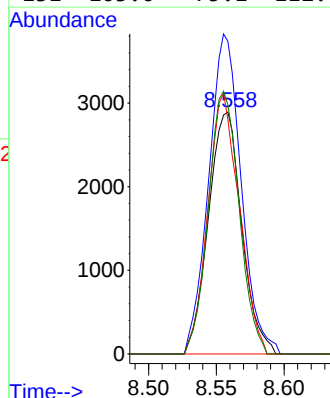
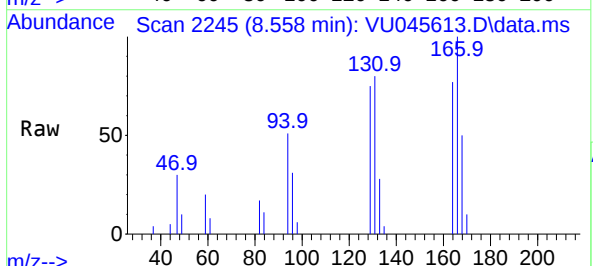
Ion Ratio Lower Upper

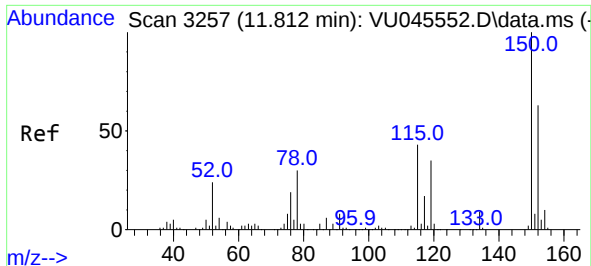
164 100

166 129.2 102.2 153.4

129 97.0 78.2 117.4

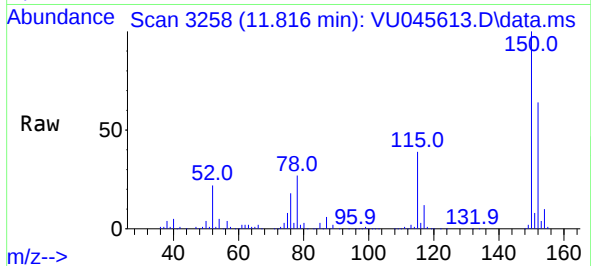
131 103.0 75.1 112.7



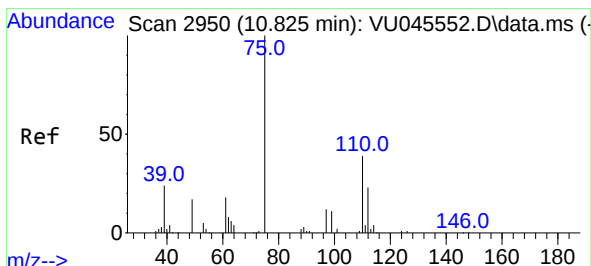
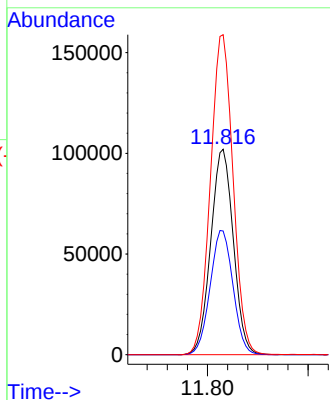
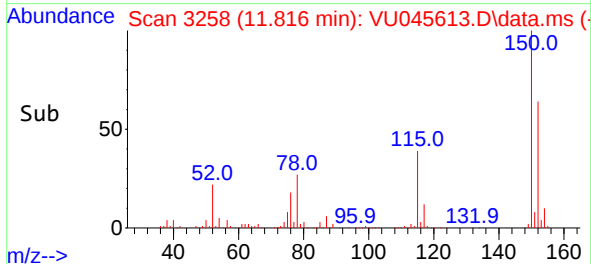


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Instrument :
MSVOA_U
ClientSampleId :

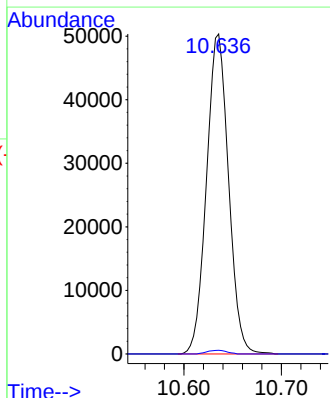
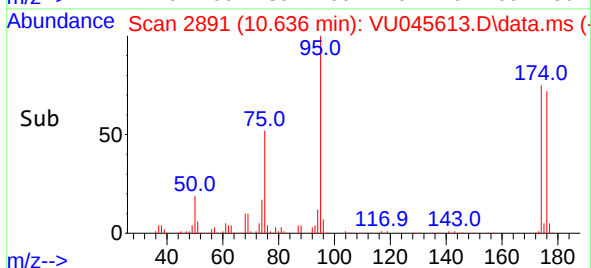
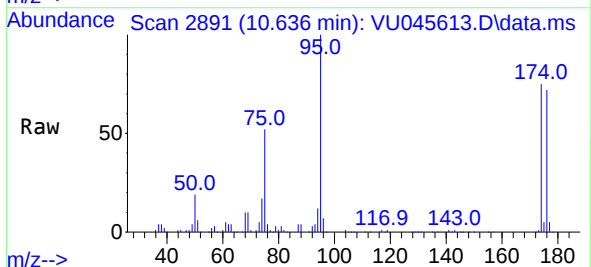


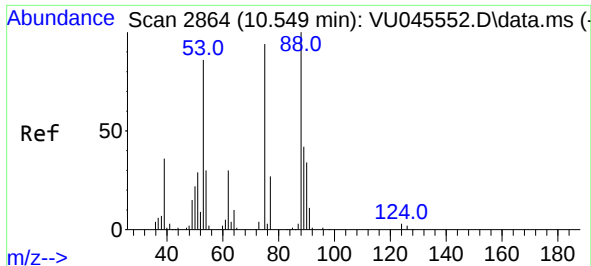
Tgt Ion:152 Resp: 159285
Ion Ratio Lower Upper
152 100
115 61.1 42.7 128.1
150 156.0 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.364 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

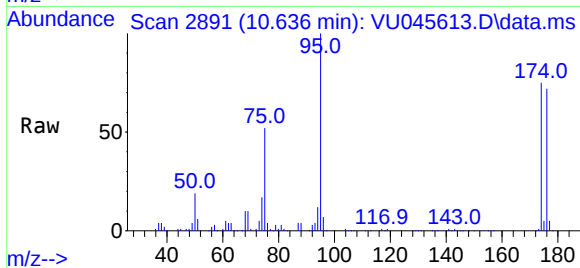
Tgt Ion: 75 Resp: 79044
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



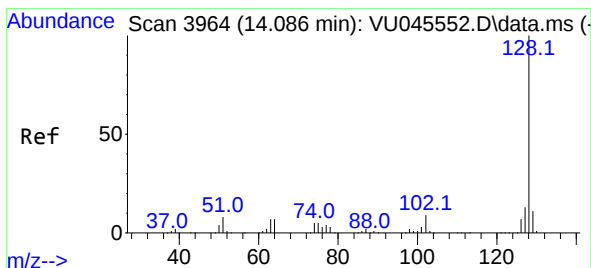
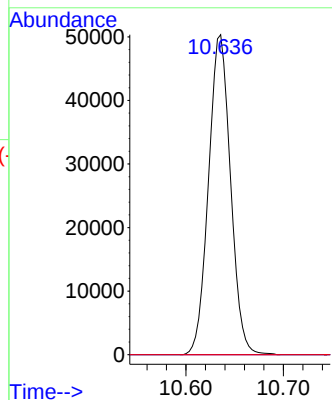
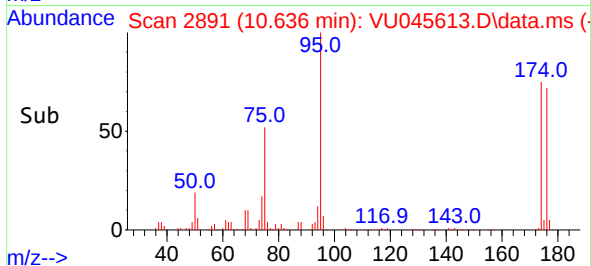


#81
trans-1,4-Dichloro-2-butene
Concen: 53.391 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 79044
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.165 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Tgt Ion: 128 Resp: 1788
Ion Ratio Lower Upper
128 100
127 2.3 10.6 15.8#
129 3.5 8.6 13.0#

