

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044976.D
 Acq On : 29 Sep 2021 05:40
 Operator : SY/MD
 Sample : M3952-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

Quant Time: Sep 29 07:58:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

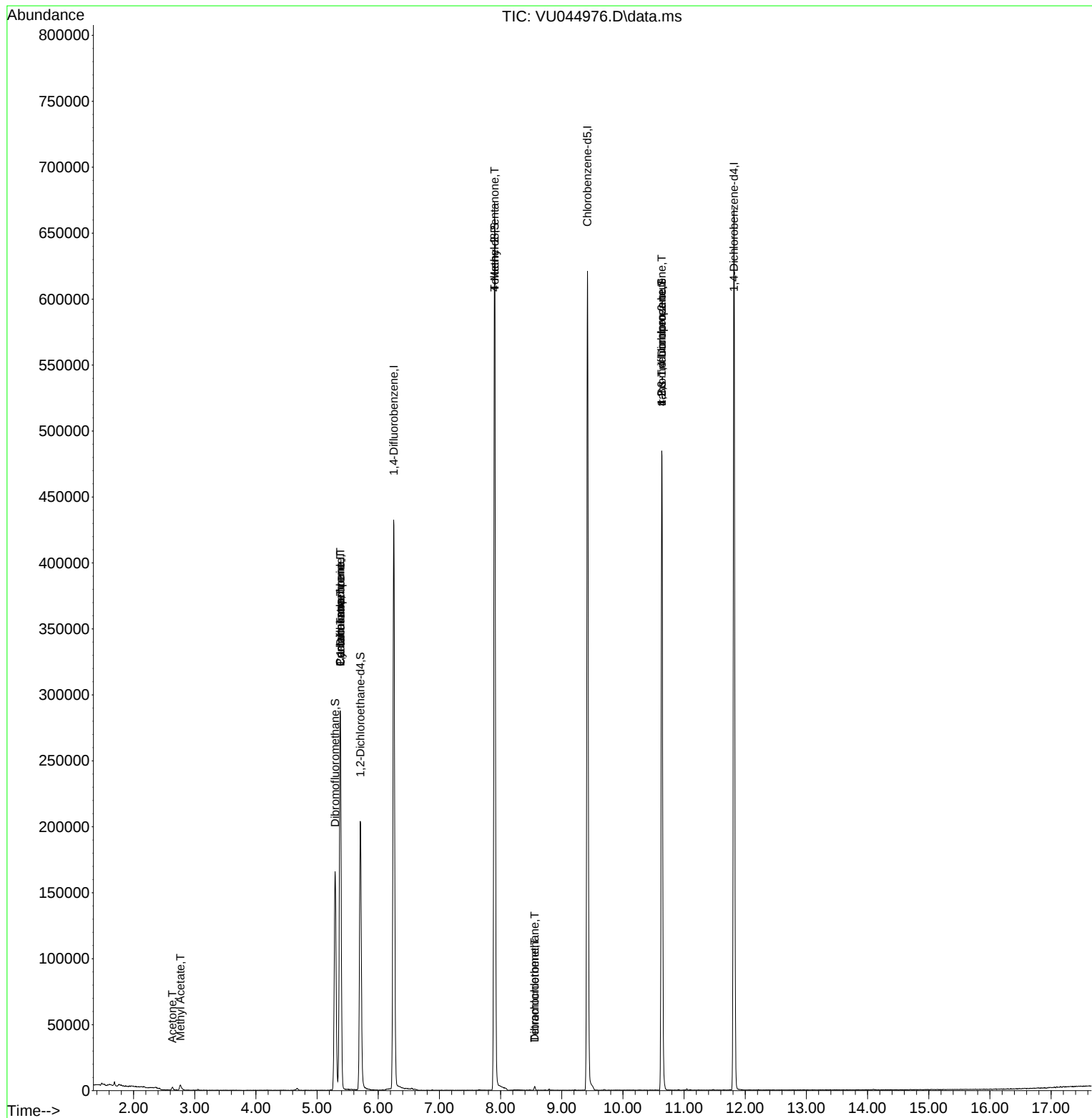
Internal Standards						
1) Pentafluorobenzene	5.378	168	188439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	339115	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	331502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	163482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	158305	50.467	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.940%	
35) Dibromofluoromethane	5.295	113	109138	51.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.040%	
50) Toluene-d8	7.902	98	435123	51.478	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	10.635	95	165128	47.319	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.640%	
Target Compounds						
					Qvalue	
16) Acetone	2.636	43	2752	1.478	ug/l	99
18) Methyl Acetate	2.764	43	1608	0.295	ug/l #	52
31) Cyclohexane	5.378	56	4866	1.021	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	17496	4.934	ug/l #	50
38) Carbon Tetrachloride	5.378	117	19618	6.393	ug/l #	16
51) 4-Methyl-2-Pentanone	7.902	43	1921	0.374	ug/l #	1
60) Dibromochloromethane	8.558	129	577	2.365	ug/l #	10
64) Tetrachloroethene	8.558	164	624	0.288	ug/l #	85
76) 1,2,3-Trichloropropane	10.635	75	89260	18.719	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	89260	51.948	ug/l #	9

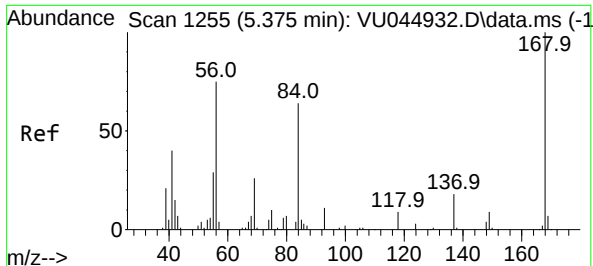
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 29 07:58:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

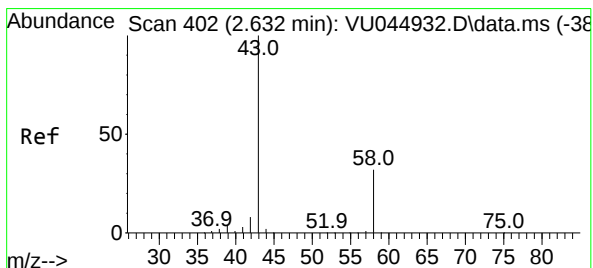
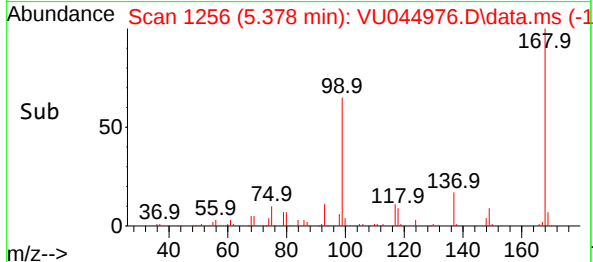
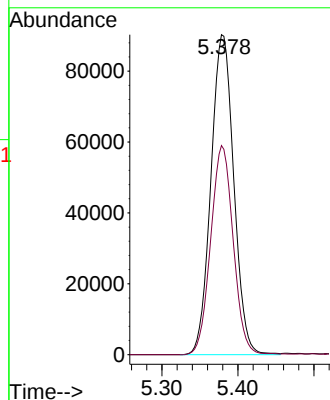
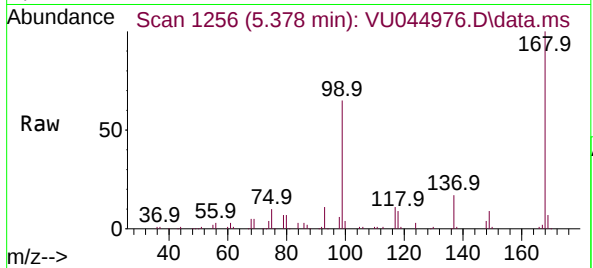




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

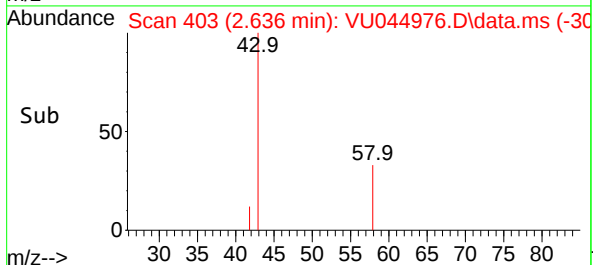
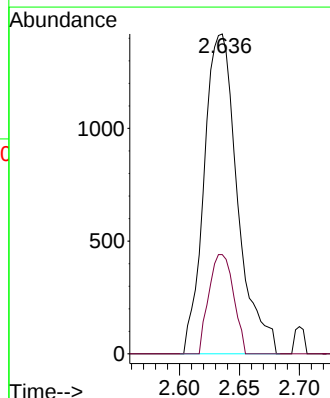
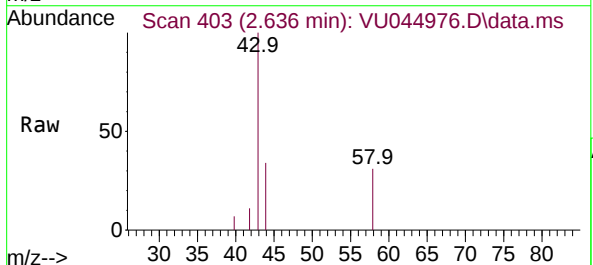
Instrument :
MSVOA_U
ClientSampleId :
MW-2

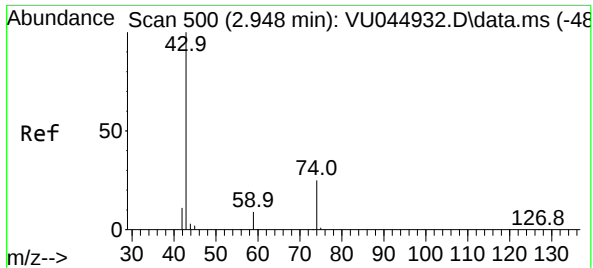
Tgt Ion:168 Resp: 188439
Ion Ratio Lower Upper
168 100
99 65.4 51.4 77.0



#16
Acetone
Concen: 1.478 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

Tgt Ion: 43 Resp: 2752
Ion Ratio Lower Upper
43 100
58 31.0 25.2 37.8

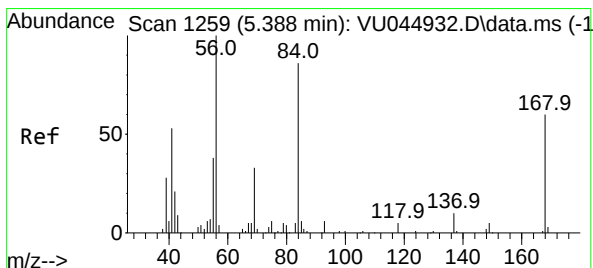
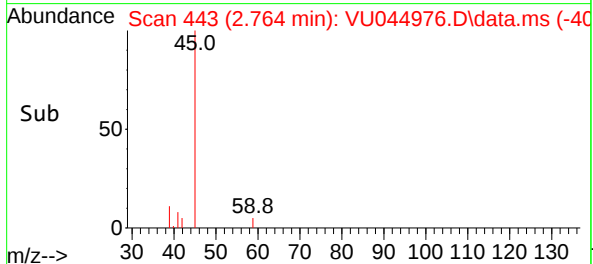
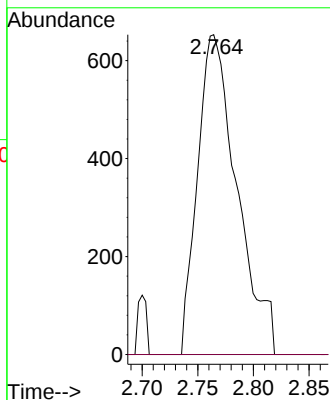
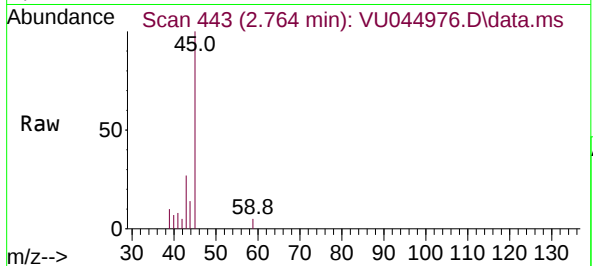




#18
Methyl Acetate
Concen: 0.295 ug/l
RT: 2.764 min Scan# 443
Delta R.T. -0.184 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

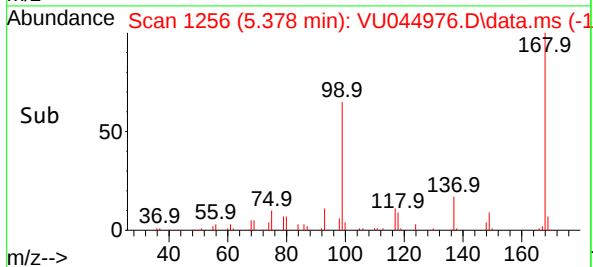
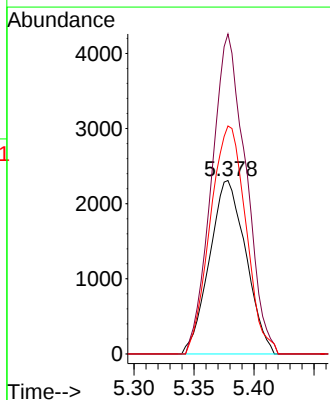
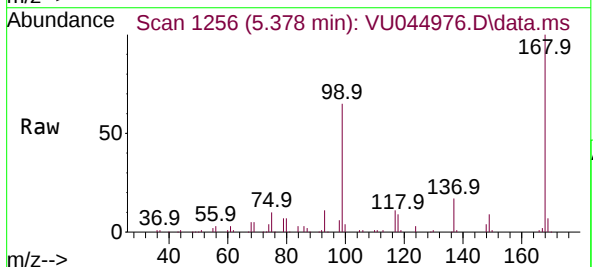
Instrument :
MSVOA_U
ClientSampleId :
MW-2

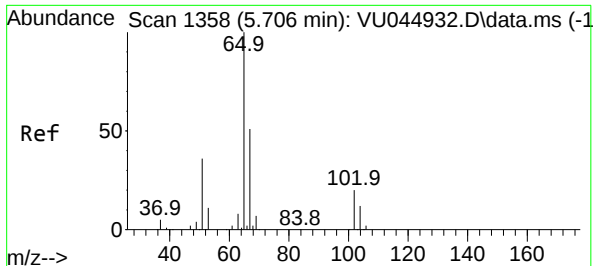
Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

Tgt Ion: 56 Resp: 4866
Ion Ratio Lower Upper
56 100
69 184.5 25.2 37.8#
84 131.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 50.467 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU044976.D

Acq: 29 Sep 2021 05:40

Instrument :

MSVOA_U

ClientSampleId :

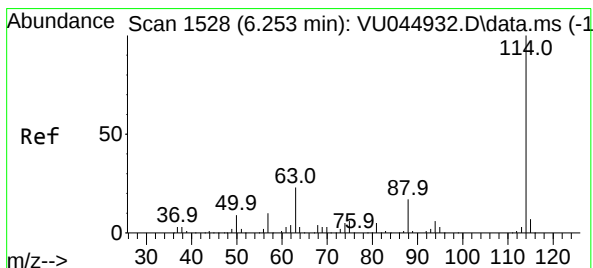
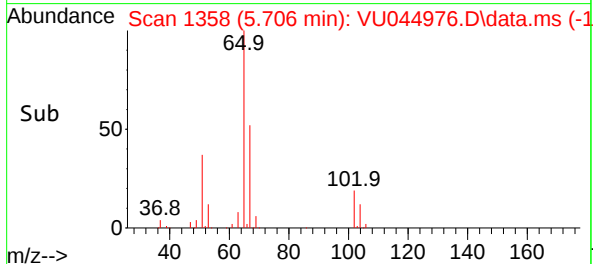
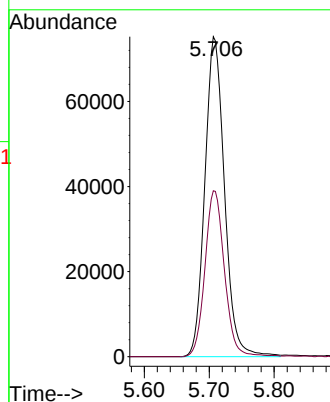
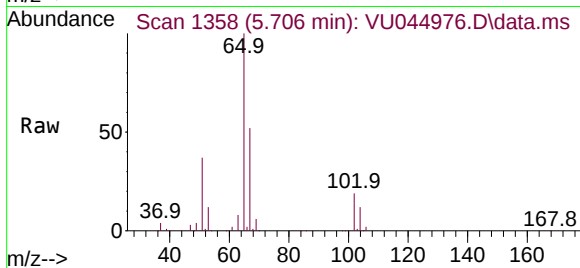
MW-2

Tgt Ion: 65 Resp: 158305

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU044976.D

Acq: 29 Sep 2021 05:40

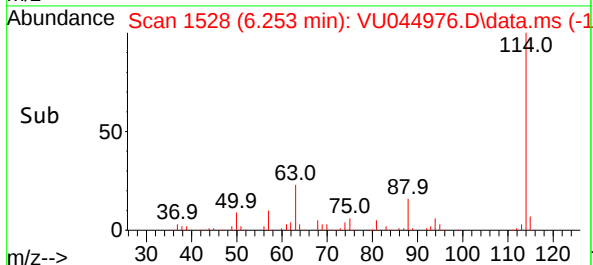
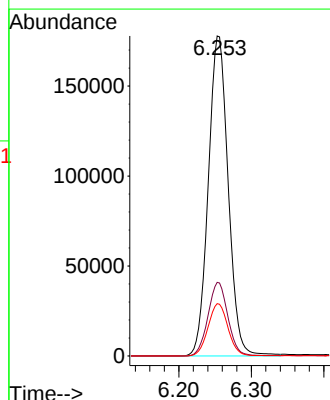
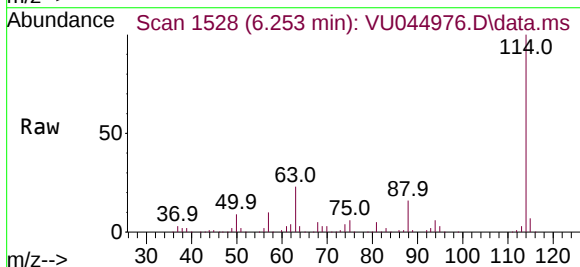
Tgt Ion: 114 Resp: 339115

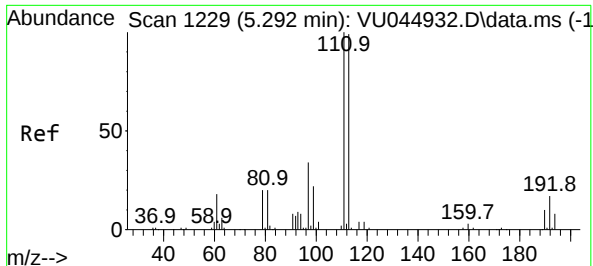
Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.8

88 16.3 0.0 32.8

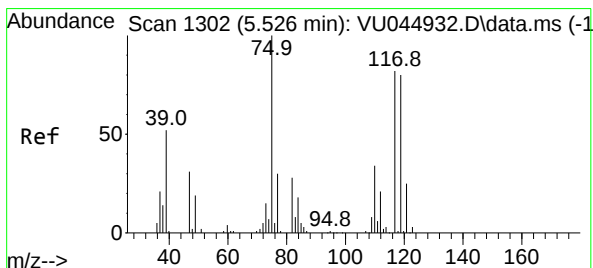
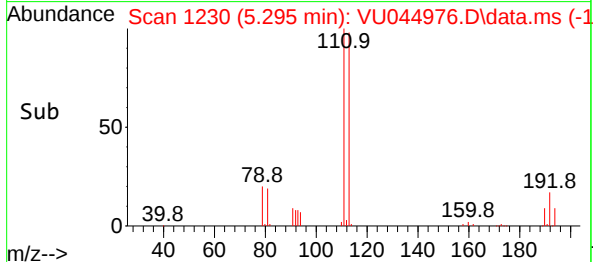
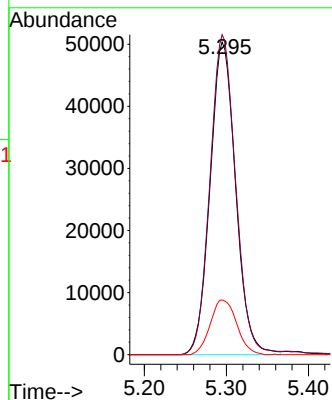
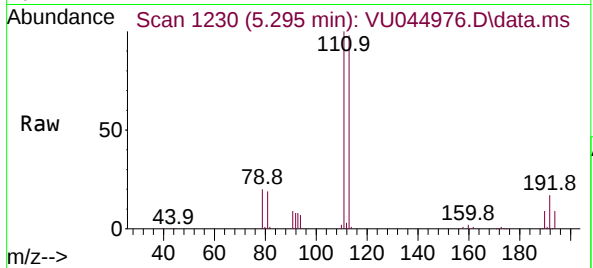




#35
Dibromofluoromethane
Concen: 51.017 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

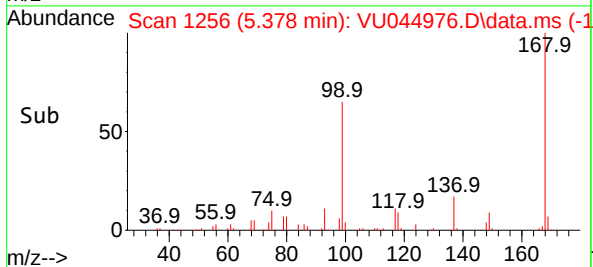
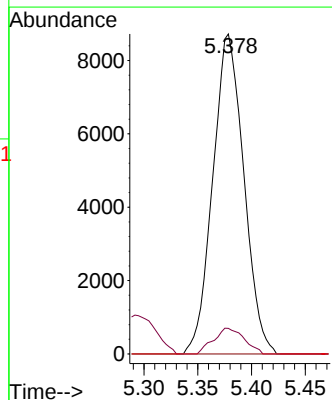
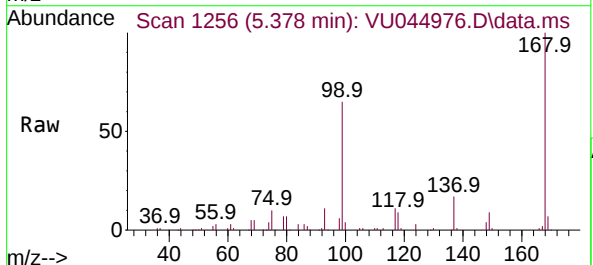
Instrument :
MSVOA_U
ClientSampleId :
MW-2

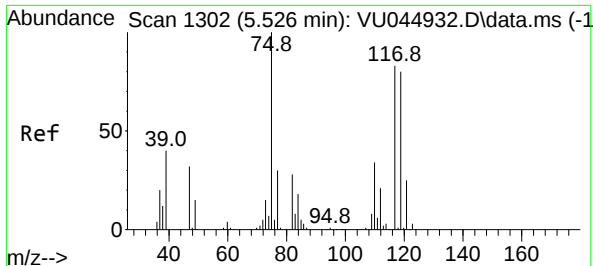
Tgt Ion:113 Resp: 109138
Ion Ratio Lower Upper
113 100
111 102.5 84.1 126.1
192 18.1 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.148 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

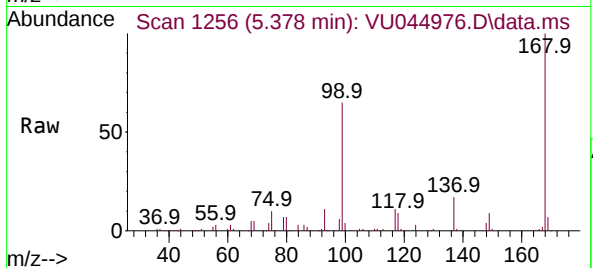
Tgt Ion: 75 Resp: 17496
Ion Ratio Lower Upper
75 100
110 8.0 16.3 48.9#
77 0.0 25.0 37.4#



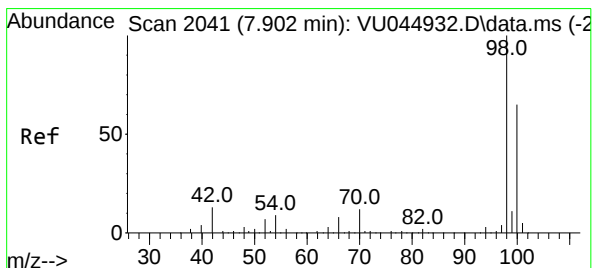
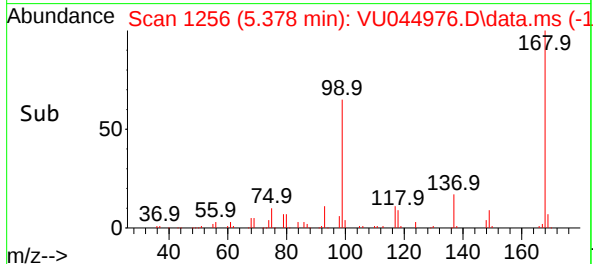
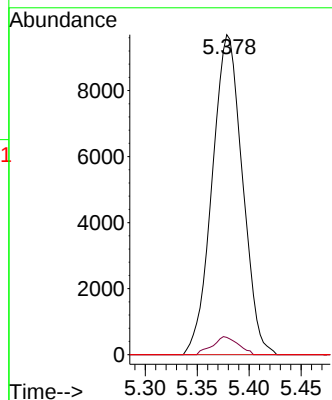


#38
Carbon Tetrachloride
Concen: 6.393 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

Instrument :
MSVOA_U
ClientSampleId :
MW-2

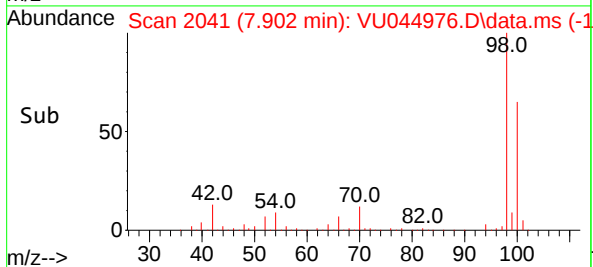
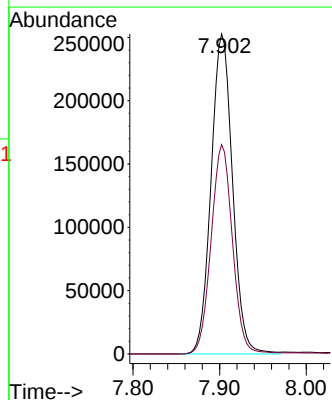
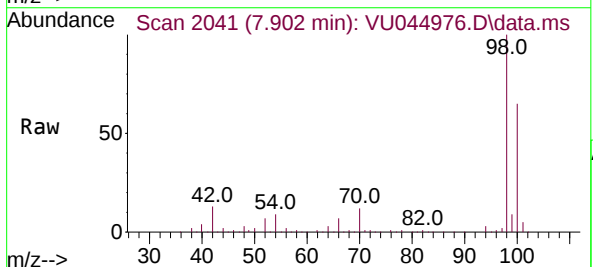


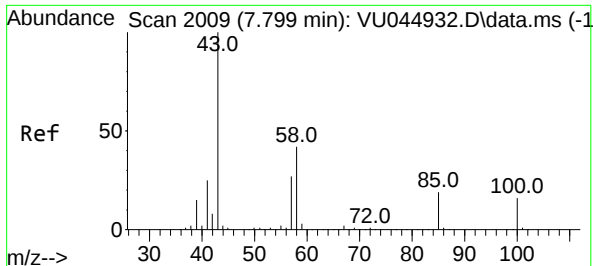
Tgt Ion:117 Resp: 19618
Ion Ratio Lower Upper
117 100
119 5.4 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.478 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

Tgt Ion: 98 Resp: 435123
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.374 ug/l

RT: 7.902 min Scan# 2009

Delta R.T. 0.103 min

Lab File: VU044976.D

Acq: 29 Sep 2021 05:40

Instrument :

MSVOA_U

ClientSampleId :

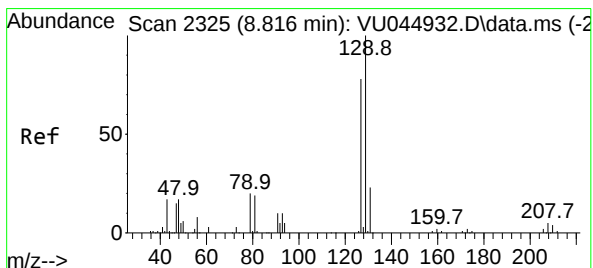
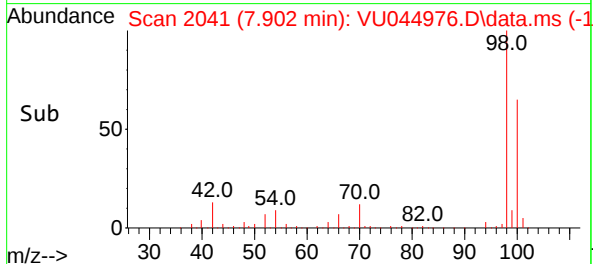
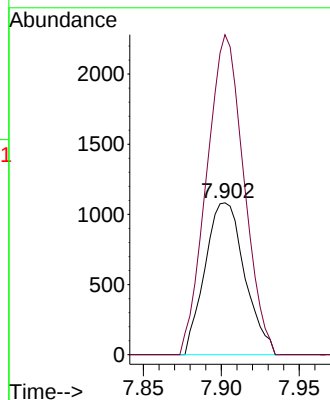
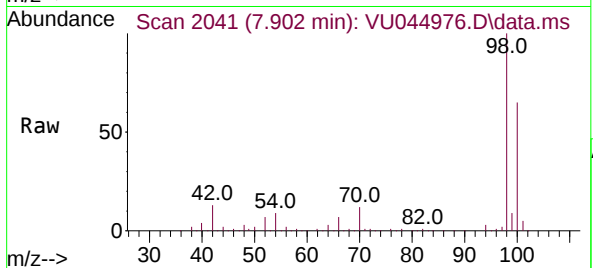
MW-2

Tgt Ion: 43 Resp: 1921

Ion Ratio Lower Upper

43 100

58 197.0 32.4 48.6#



#60

Dibromochloromethane

Concen: 2.365 ug/l

RT: 8.558 min Scan# 2245

Delta R.T. -0.258 min

Lab File: VU044976.D

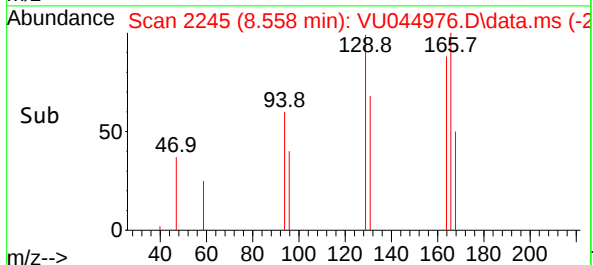
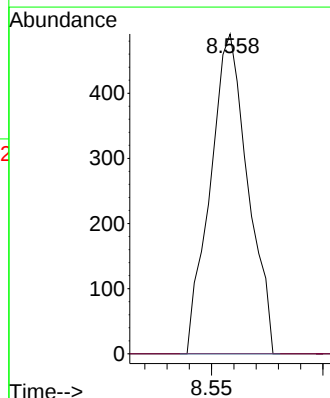
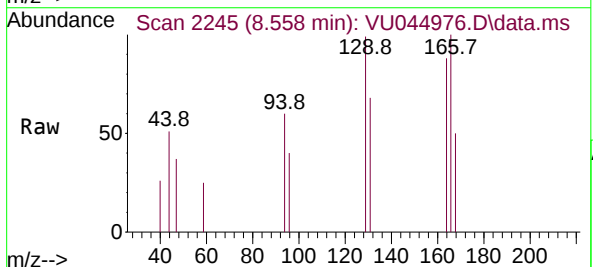
Acq: 29 Sep 2021 05:40

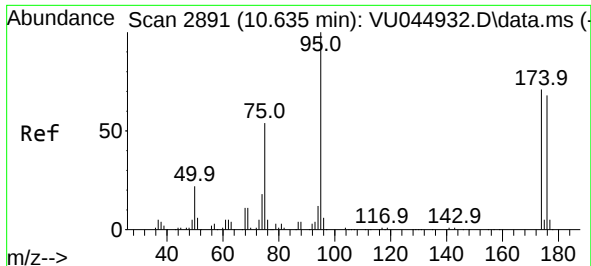
Tgt Ion: 129 Resp: 577

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

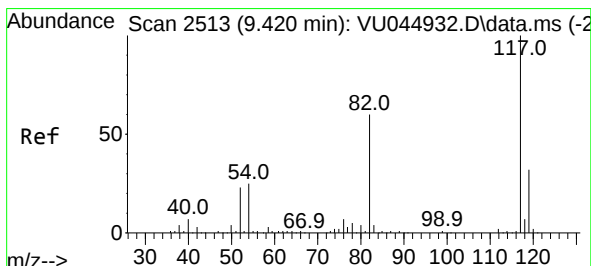
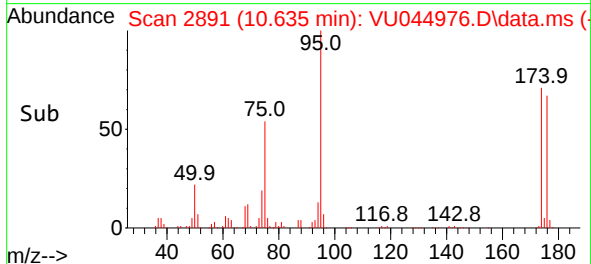
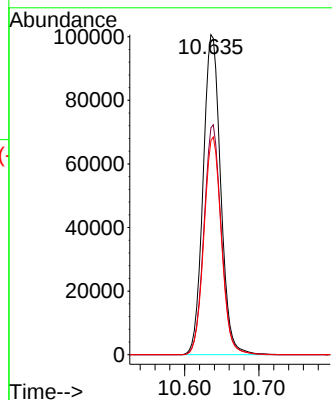
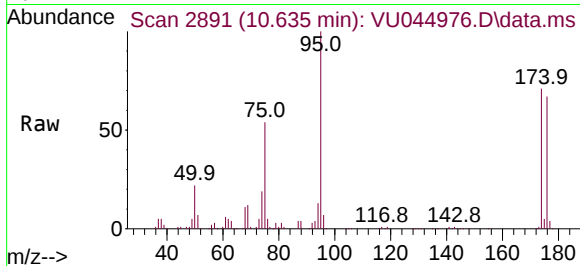




#62
4-Bromofluorobenzene
Concen: 47.319 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

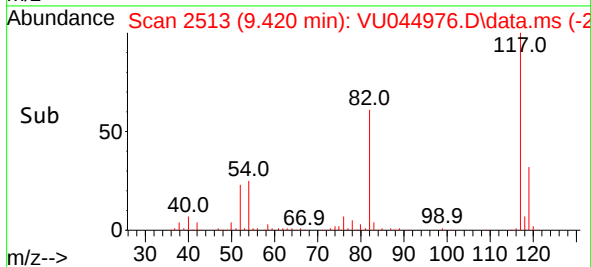
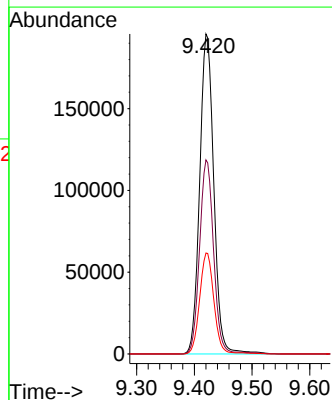
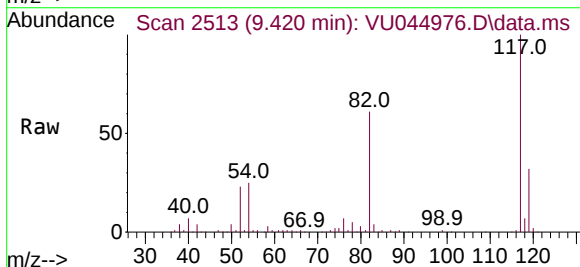
Instrument :
MSVOA_U
ClientSampleId :
MW-2

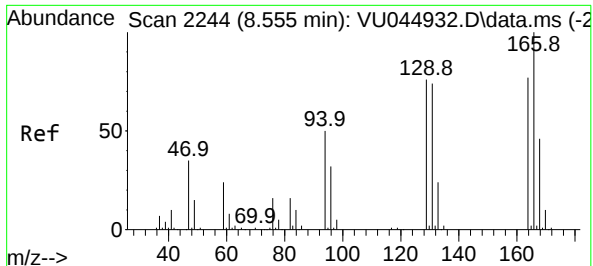
Tgt Ion: 95 Resp: 165128
Ion Ratio Lower Upper
95 100
174 71.4 0.0 146.6
176 67.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

Tgt Ion: 117 Resp: 331502
Ion Ratio Lower Upper
117 100
82 60.7 47.8 71.8
119 31.5 25.8 38.6



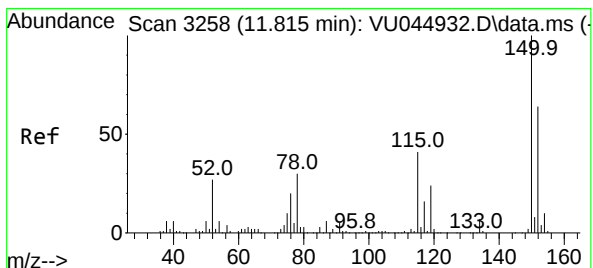
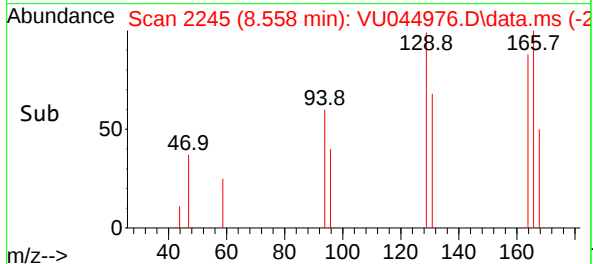
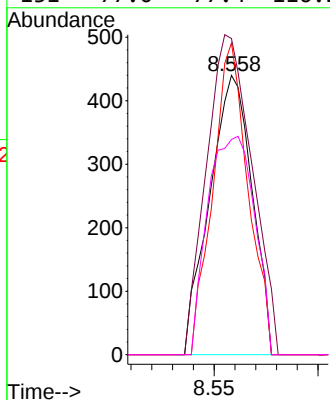
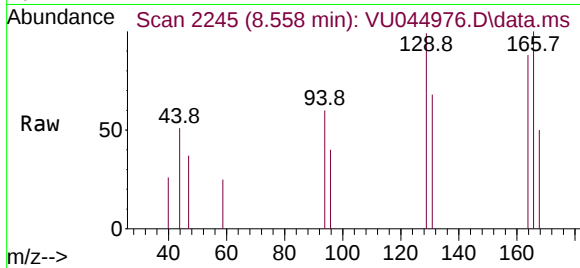


#64
Tetrachloroethene
Concen: 0.288 ug/l
RT: 8.558 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

Instrument :
MSVOA_U
ClientSampleId :
MW-2

Tgt Ion:164 Resp: 624

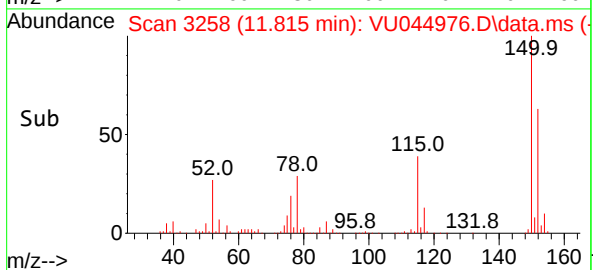
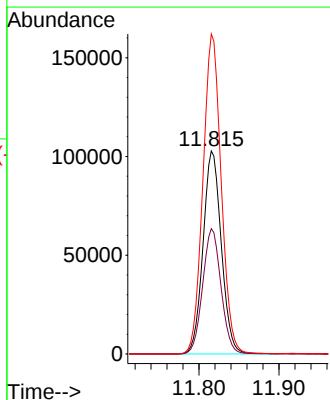
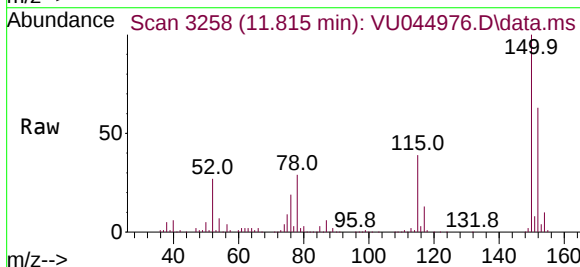
Ion	Ratio	Lower	Upper
164	100		
166	113.2	102.8	154.2
129	111.6	79.4	119.2
131	77.0	77.4	116.2

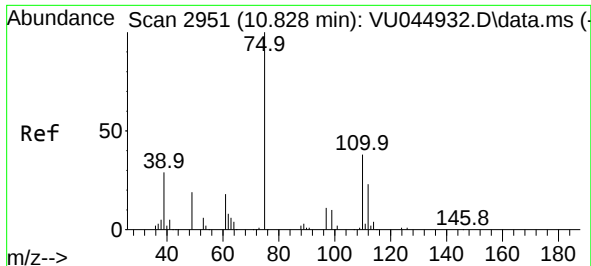


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

Tgt Ion:152 Resp: 163482

Ion	Ratio	Lower	Upper
152	100		
115	61.9	43.5	130.7
150	158.1	0.0	350.0

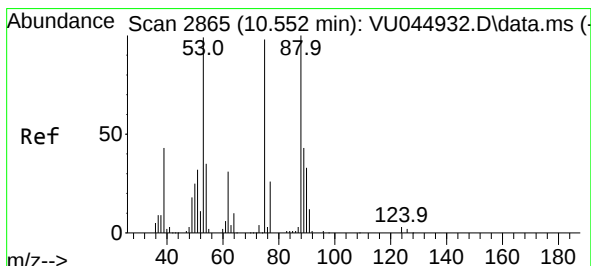
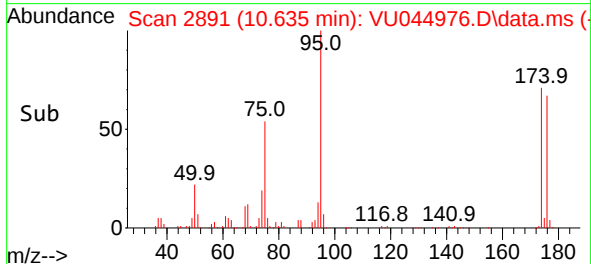
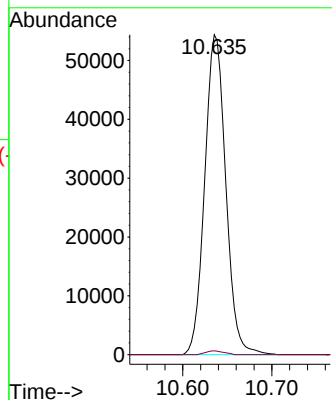
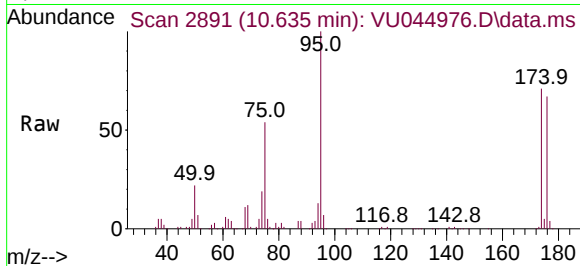




#76
1,2,3-Trichloropropane
Concen: 18.719 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

Instrument :
MSVOA_U
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 89260
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.948 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU044976.D
Acq: 29 Sep 2021 05:40

Tgt Ion: 75 Resp: 89260
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

