

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044975.D
 Acq On : 29 Sep 2021 05:17
 Operator : SY/MD
 Sample : M3952-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1D

Quant Time: Sep 29 07:58:18 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)

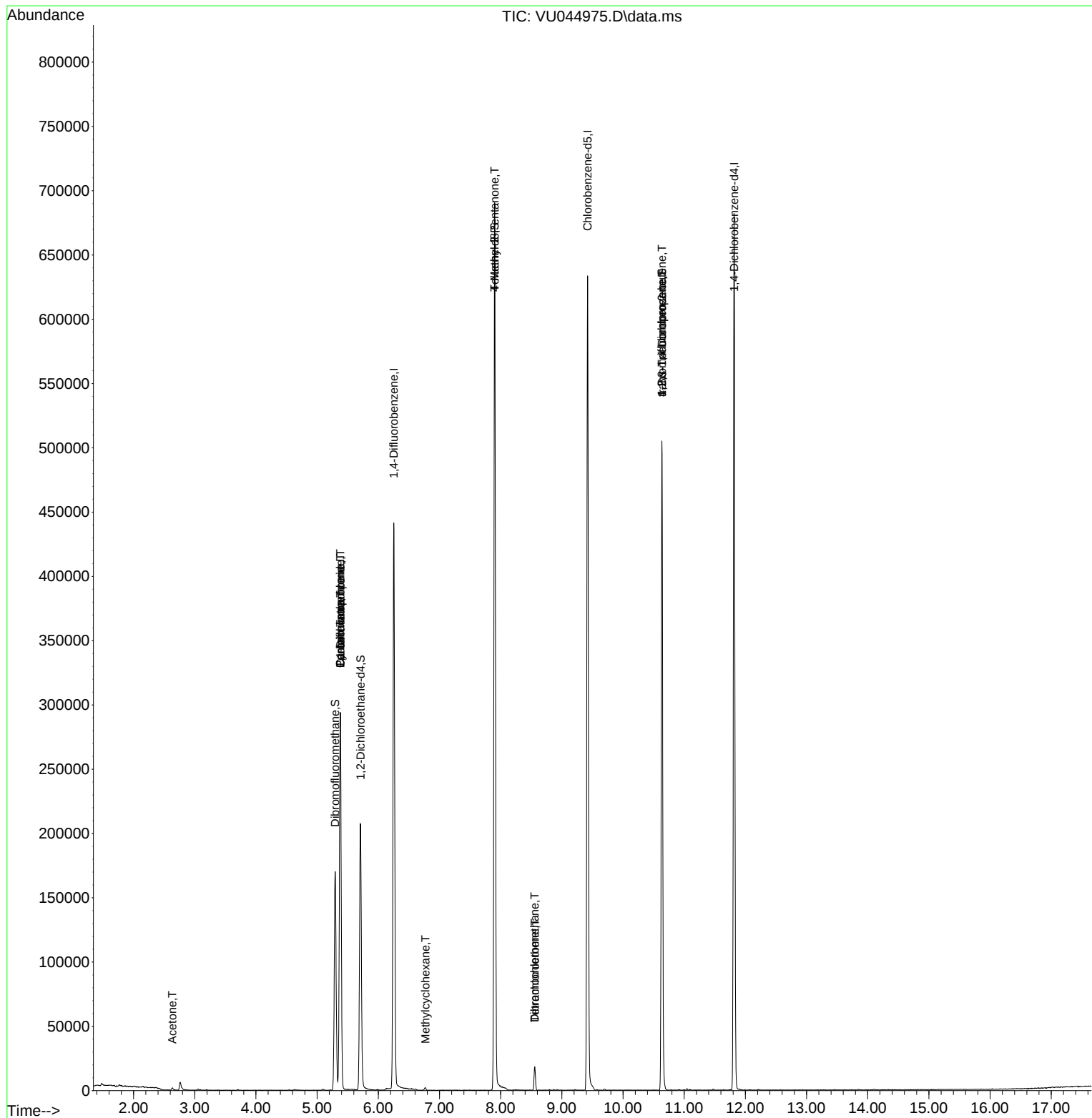
Internal Standards						
1) Pentafluorobenzene	5.379	168	192353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	342447	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	338427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	168878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	160010	49.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.940%
35) Dibromofluoromethane	5.295	113	108587	50.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.540%
50) Toluene-d8	7.903	98	444267	52.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.100%
62) 4-Bromofluorobenzene	10.636	95	168787	47.897	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						
					Qvalue	
16) Acetone	2.633	43	2468	1.299	ug/l	97
31) Cyclohexane	5.379	56	5376	1.105	ug/l #	16
36) 1,1-Dichloropropene	5.379	75	17915	5.003	ug/l #	50
38) Carbon Tetrachloride	5.379	117	20046	6.469	ug/l #	16
39) Methylcyclohexane	6.771	83	1052	0.239	ug/l	85
51) 4-Methyl-2-Pentanone	7.899	43	1957	0.377	ug/l #	1
60) Dibromochloromethane	8.555	129	3907	3.443	ug/l #	10
64) Tetrachloroethene	8.558	164	3986	1.805	ug/l	96
76) 1,2,3-Trichloropropane	10.636	75	91024	18.479	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	91024	51.282	ug/l #	9

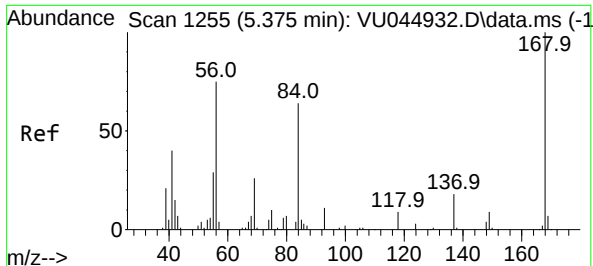
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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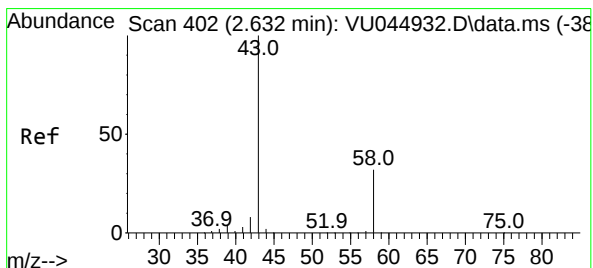
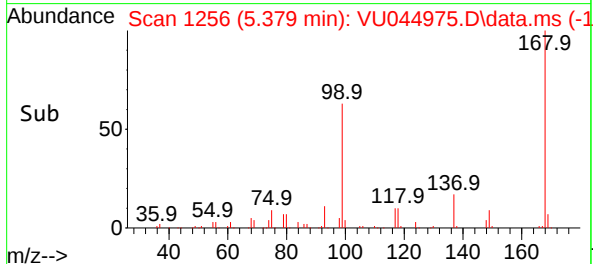
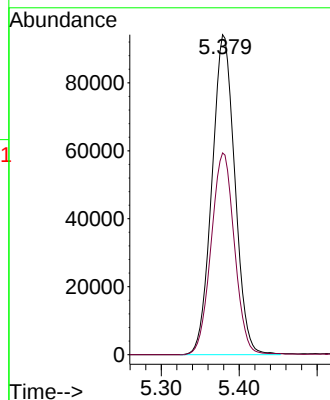
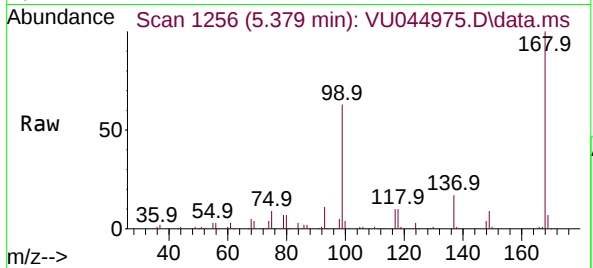




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044975.D
Acq: 29 Sep 2021 05:17

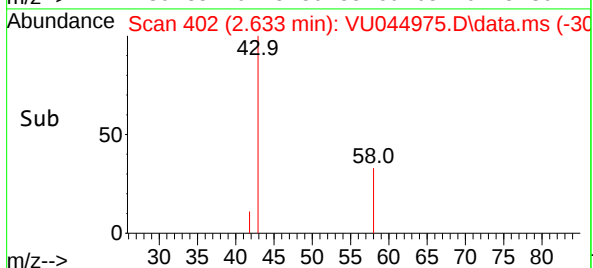
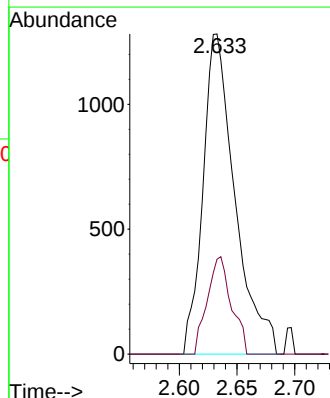
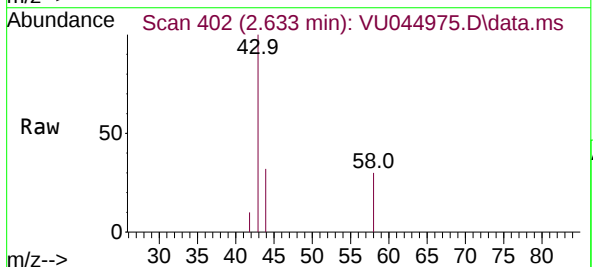
Instrument :
MSVOA_U
ClientSampleId :
MW-1D

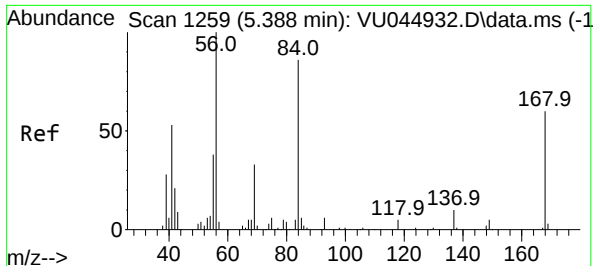
Tgt Ion:168 Resp: 192353
Ion Ratio Lower Upper
168 100
99 63.1 51.4 77.0



#16
Acetone
Concen: 1.299 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU044975.D
Acq: 29 Sep 2021 05:17

Tgt Ion: 43 Resp: 2468
Ion Ratio Lower Upper
43 100
58 29.6 25.2 37.8





#31

Cyclohexane

Concen: 1.105 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.009 min

Lab File: VU044975.D

Acq: 29 Sep 2021 05:17

Instrument :

MSVOA_U

ClientSampleId :

MW-1D

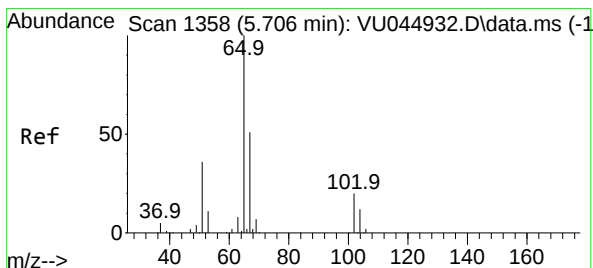
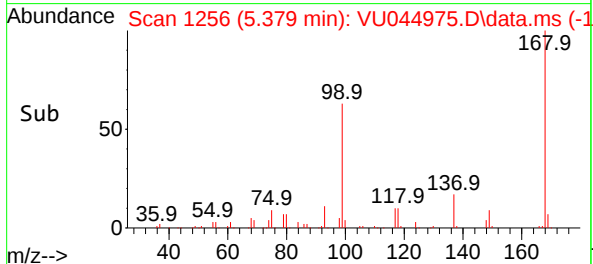
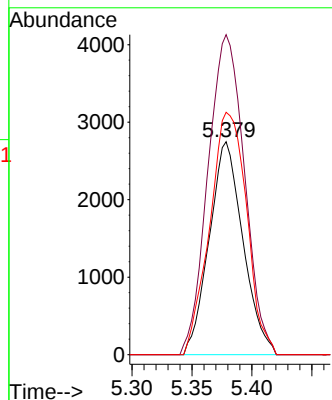
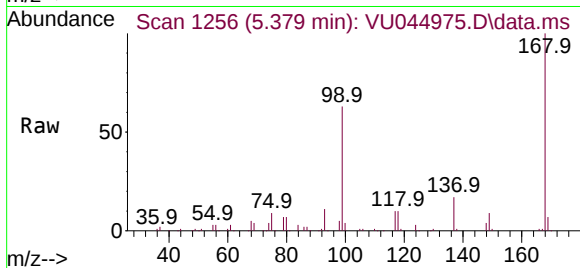
Tgt Ion: 56 Resp: 5376

Ion Ratio Lower Upper

56 100

69 150.3 25.2 37.8#

84 113.8 66.4 99.6#



#33

1,2-Dichloroethane-d4

Concen: 49.973 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.004 min

Lab File: VU044975.D

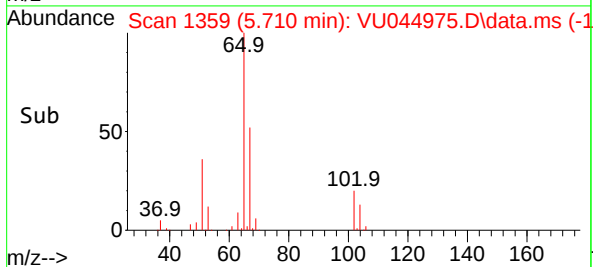
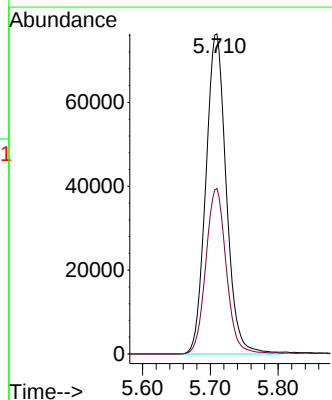
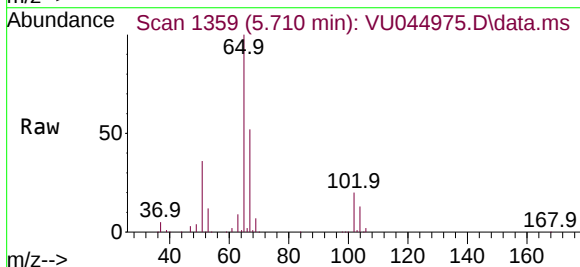
Acq: 29 Sep 2021 05:17

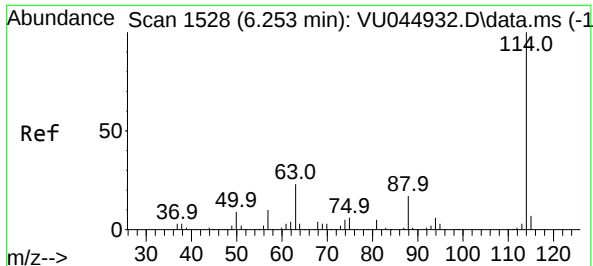
Tgt Ion: 65 Resp: 160010

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU044975.D

Acq: 29 Sep 2021 05:17

Instrument :

MSVOA_U

ClientSampleId :

MW-1D

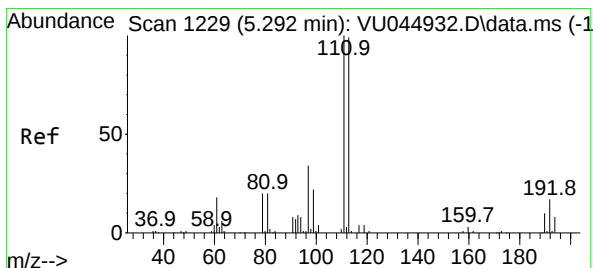
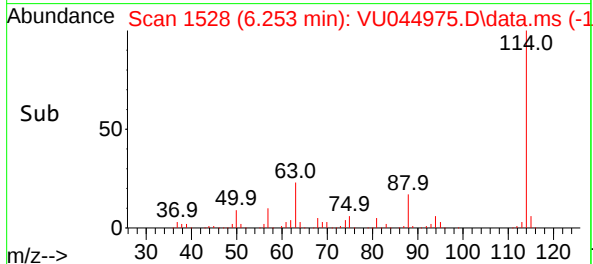
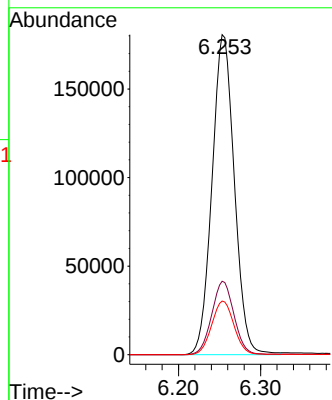
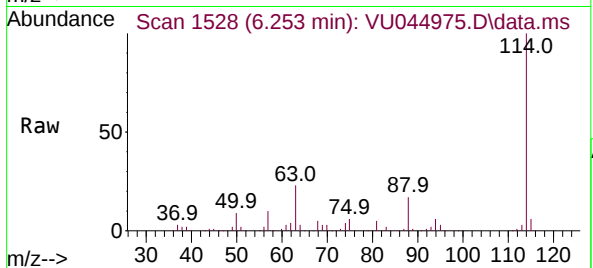
Tgt Ion:114 Resp: 342447

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.8

88 16.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.265 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044975.D

Acq: 29 Sep 2021 05:17

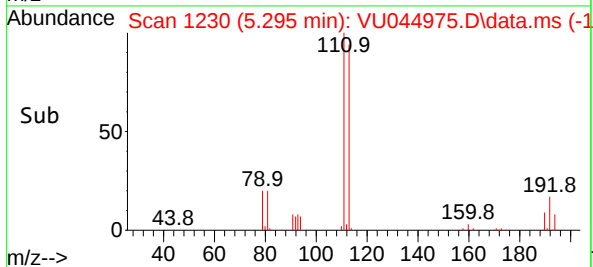
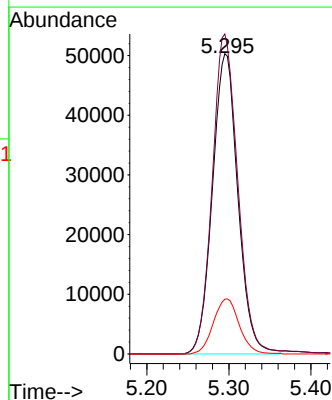
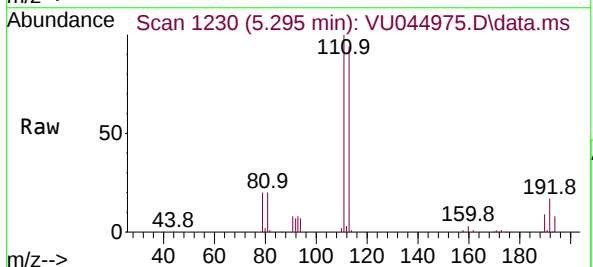
Tgt Ion:113 Resp: 108587

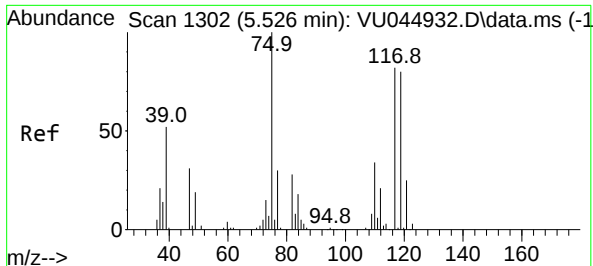
Ion Ratio Lower Upper

113 100

111 107.5 84.1 126.1

192 18.7 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.003 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.147 min

Lab File: VU044975.D

Acq: 29 Sep 2021 05:17

Instrument :

MSVOA_U

ClientSampleId :

MW-1D

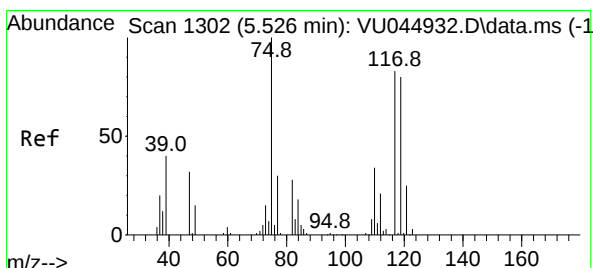
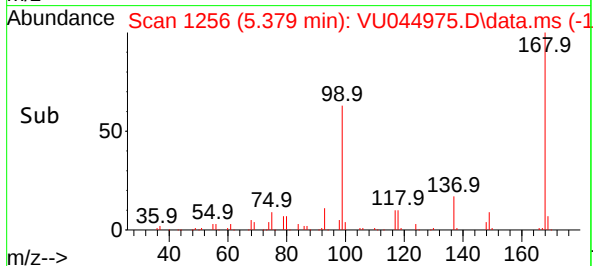
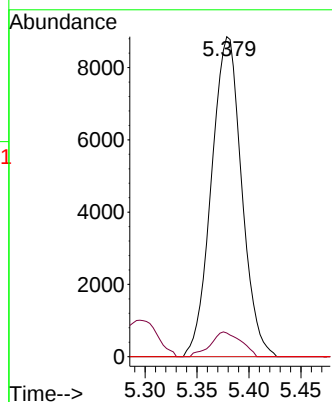
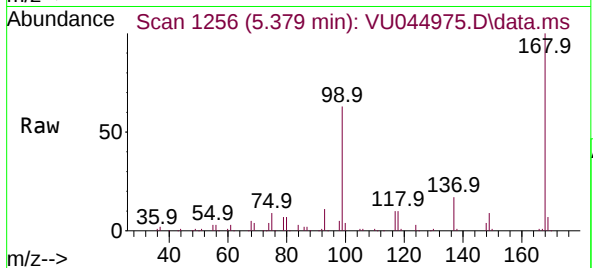
Tgt Ion: 75 Resp: 17915

Ion Ratio Lower Upper

75 100

110 7.8 16.3 48.9#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.469 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.147 min

Lab File: VU044975.D

Acq: 29 Sep 2021 05:17

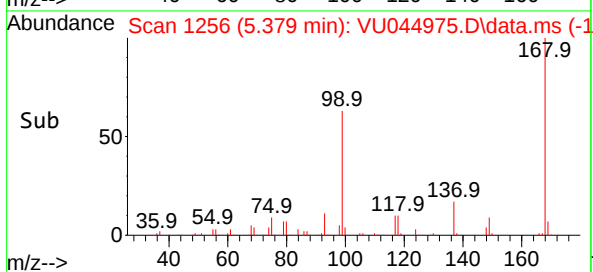
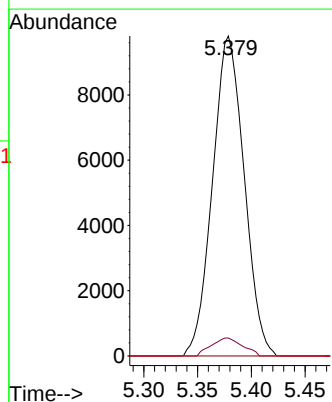
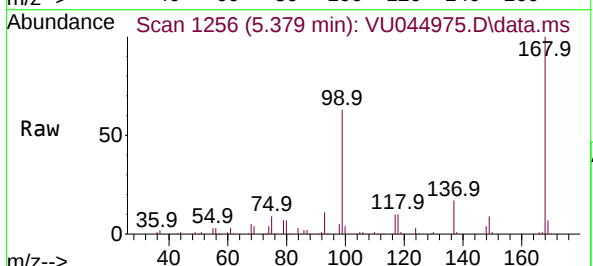
Tgt Ion: 117 Resp: 20046

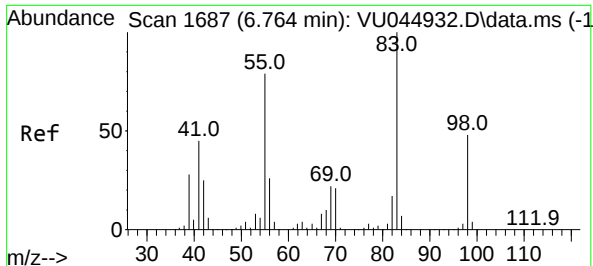
Ion Ratio Lower Upper

117 100

119 5.6 77.4 116.2#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 0.239 ug/l

RT: 6.771 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU044975.D

Acq: 29 Sep 2021 05:17

Instrument :

MSVOA_U

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MW-1D

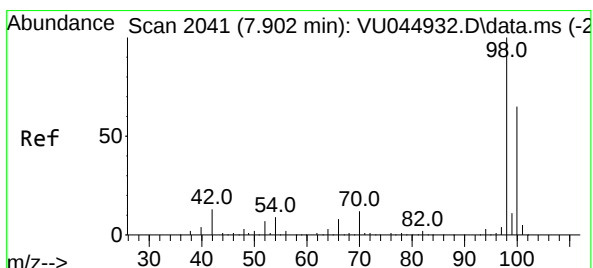
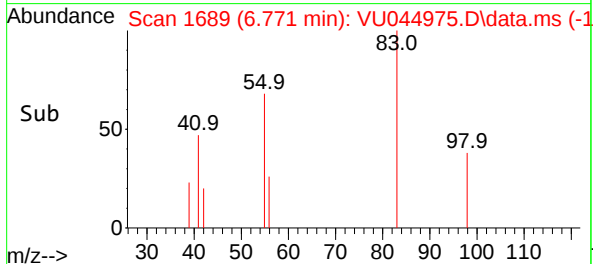
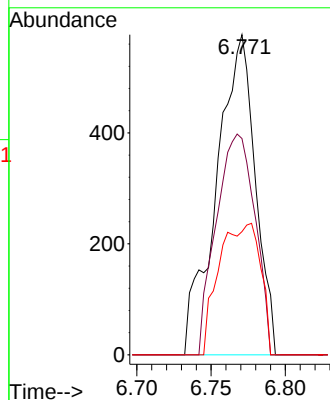
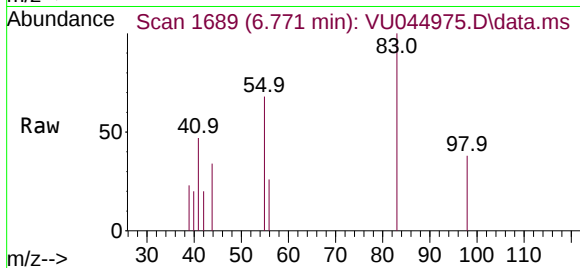
Tgt Ion: 83 Resp: 1052

Ion Ratio Lower Upper

83 100

55 67.6 66.2 99.4

98 38.5 37.5 56.3



#50

Toluene-d8

Concen: 52.049 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.001 min

Lab File: VU044975.D

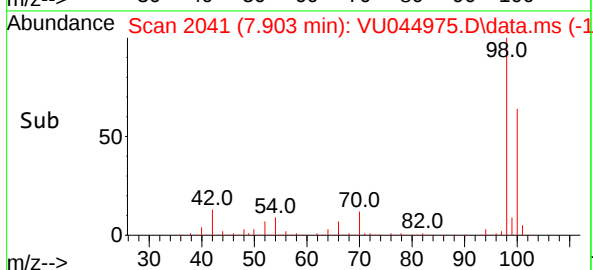
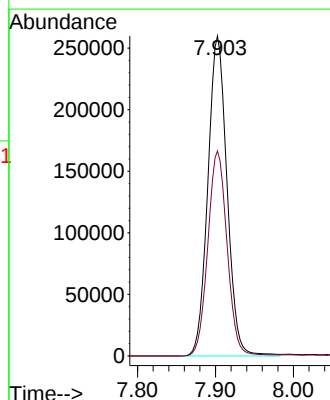
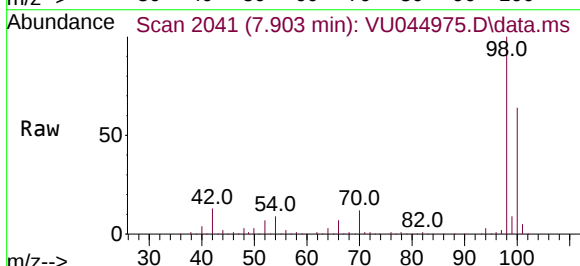
Acq: 29 Sep 2021 05:17

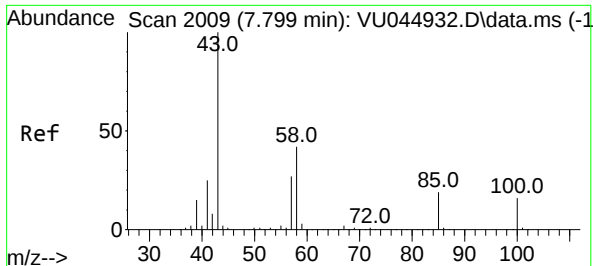
Tgt Ion: 98 Resp: 444267

Ion Ratio Lower Upper

98 100

100 64.5 52.5 78.7

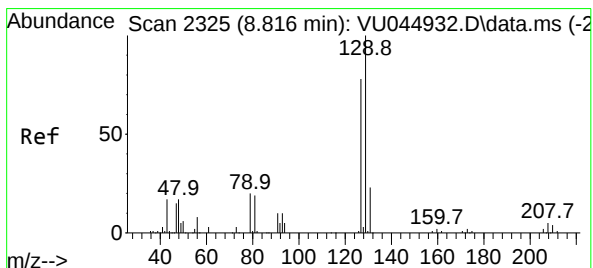
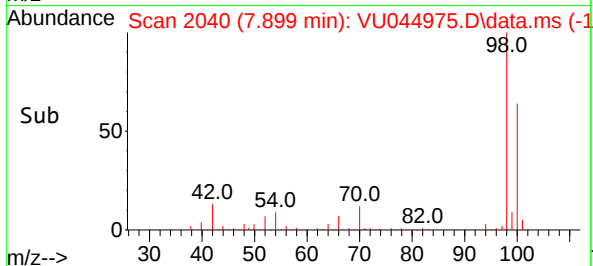
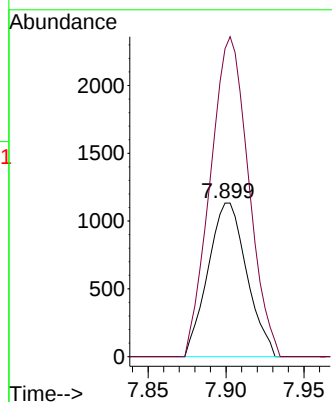
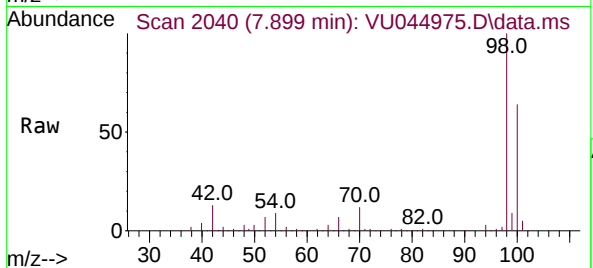




#51
4-Methyl-2-Pentanone
Concen: 0.377 ug/l
RT: 7.899 min Scan# 2009
Delta R.T. 0.100 min
Lab File: VU044975.D
Acq: 29 Sep 2021 05:17

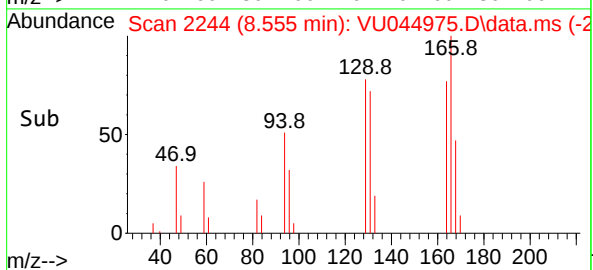
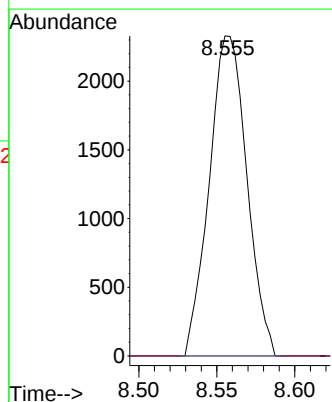
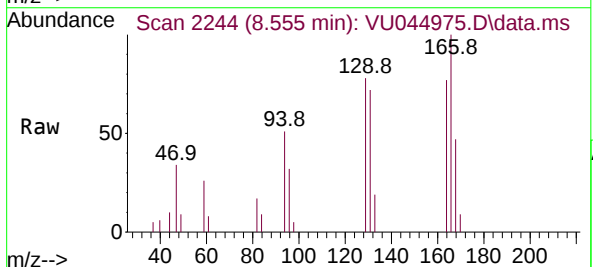
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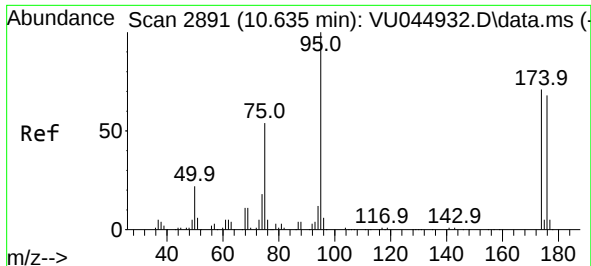
Tgt Ion: 43 Resp: 1957
Ion Ratio Lower Upper
43 100
58 205.6 32.4 48.6#



#60
Dibromochloromethane
Concen: 3.443 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.261 min
Lab File: VU044975.D
Acq: 29 Sep 2021 05:17

Tgt Ion: 129 Resp: 3907
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

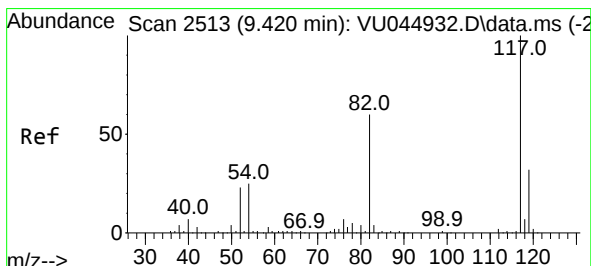
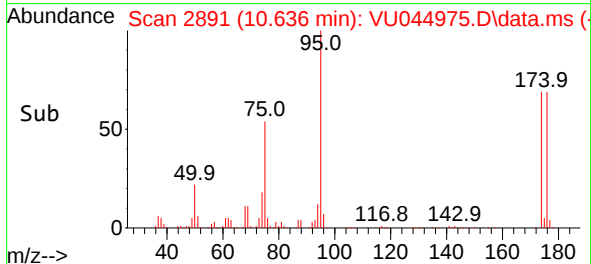
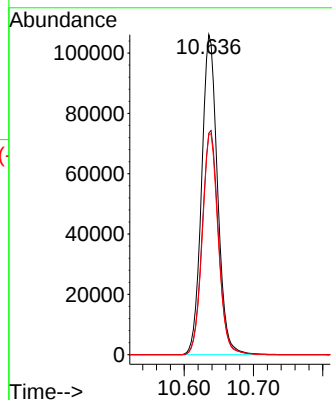
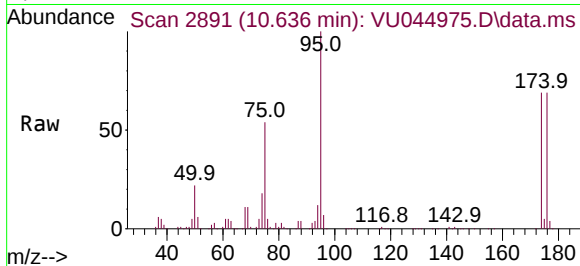




#62
4-Bromofluorobenzene
Concen: 47.897 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044975.D
Acq: 29 Sep 2021 05:17

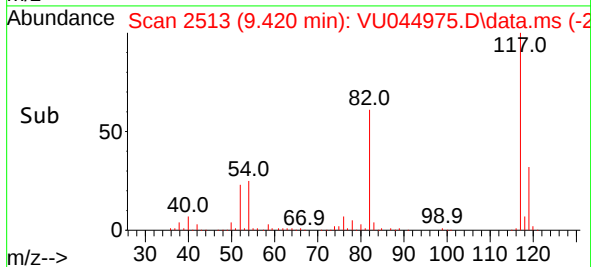
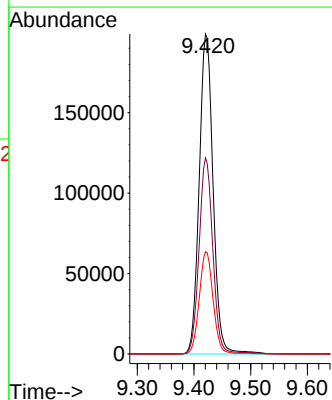
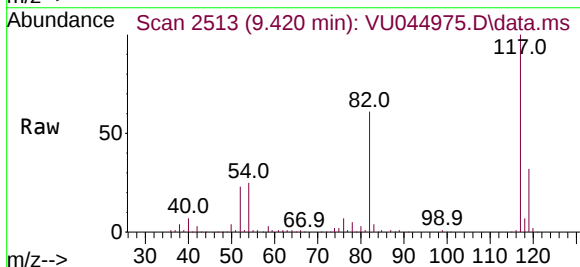
Instrument :
MSVOA_U
ClientSampleId :
MW-1D

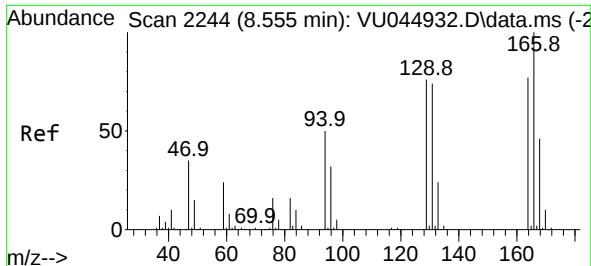
Tgt Ion: 95 Resp: 168787
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 69.4 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044975.D
Acq: 29 Sep 2021 05:17

Tgt Ion: 117 Resp: 338427
Ion Ratio Lower Upper
117 100
82 61.3 47.8 71.8
119 32.0 25.8 38.6

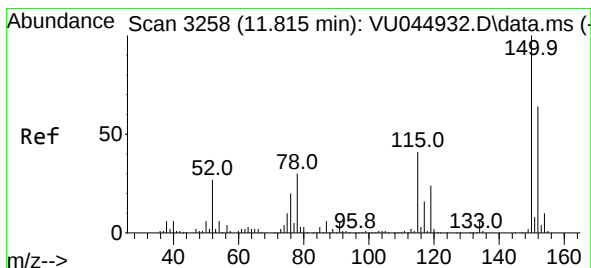
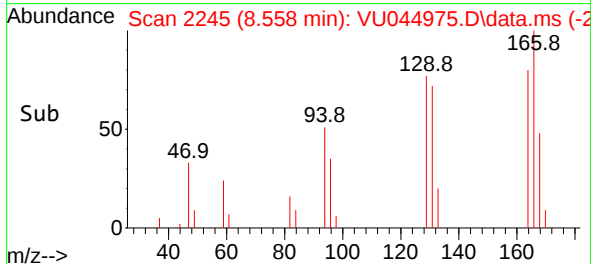
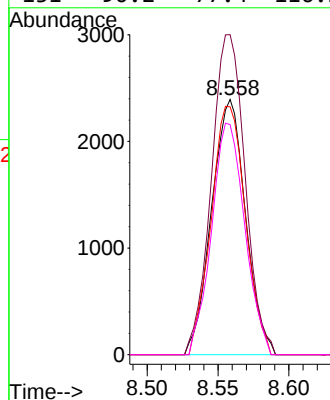
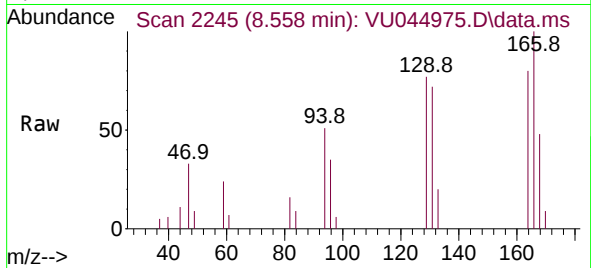




#64
Tetrachloroethene
Concen: 1.805 ug/l
RT: 8.558 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU044975.D
Acq: 29 Sep 2021 05:17

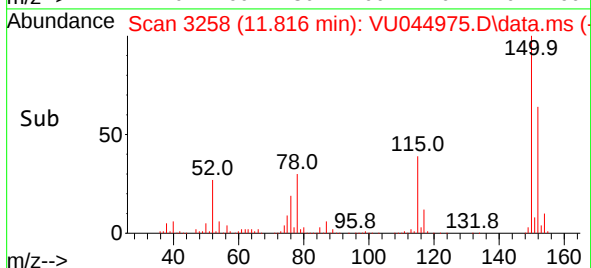
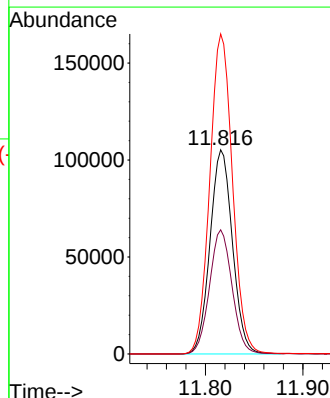
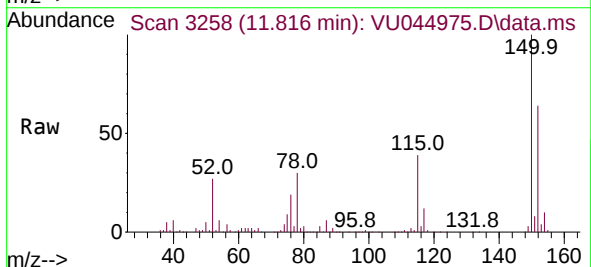
Instrument :
MSVOA_U
ClientSampleId :
MW-1D

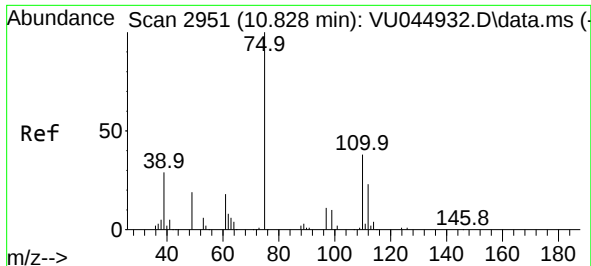
Tgt Ion:164 Resp: 3986
Ion Ratio Lower Upper
164 100
166 125.4 102.8 154.2
129 97.2 79.4 119.2
131 90.2 77.4 116.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044975.D
Acq: 29 Sep 2021 05:17

Tgt Ion:152 Resp: 168878
Ion Ratio Lower Upper
152 100
115 61.0 43.5 130.7
150 158.0 0.0 350.0

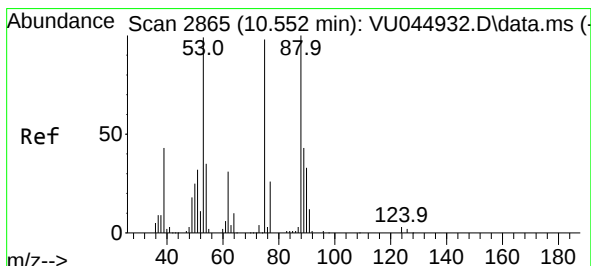
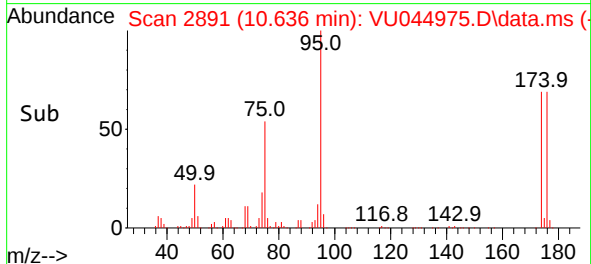
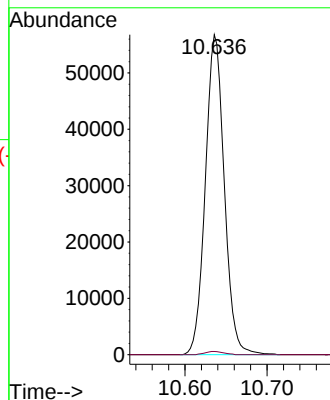
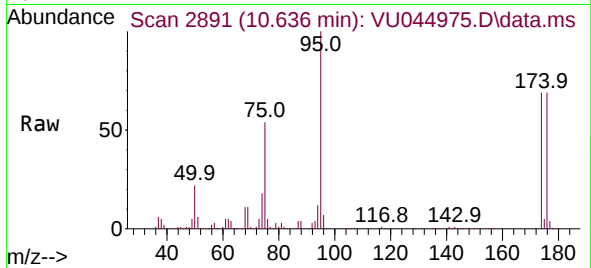




#76
1,2,3-Trichloropropane
Concen: 18.479 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU044975.D
Acq: 29 Sep 2021 05:17

Instrument :
MSVOA_U
ClientSampleId :
MW-1D

Tgt Ion: 75 Resp: 91024
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.282 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044975.D
Acq: 29 Sep 2021 05:17

Tgt Ion: 75 Resp: 91024
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

