

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020874.D
 Acq On : 12 Nov 2021 23:36
 Operator : SY/VA
 Sample : M4577-03
 Misc : 5.63g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

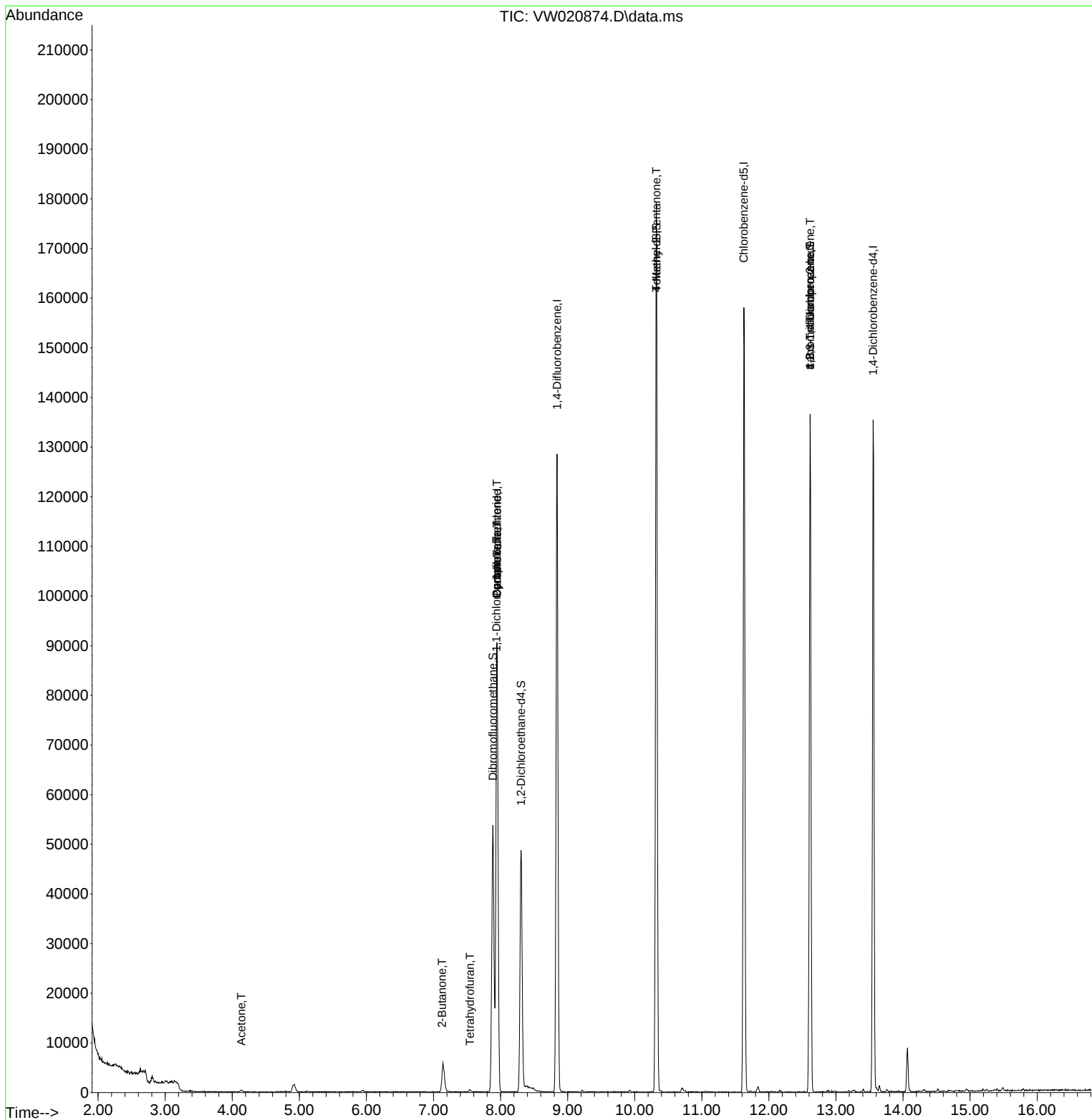
Quant Time: Nov 15 00:14:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

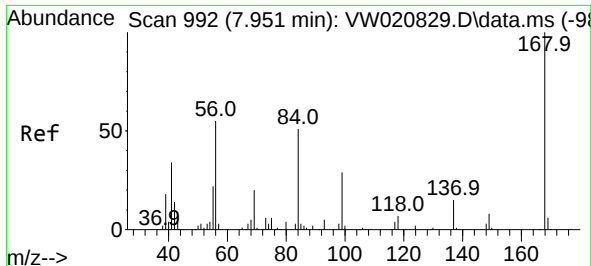
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.946	168	71426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	109771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	91260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	36968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	38360	64.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.880%	
35) Dibromofluoromethane	7.885	113	35499	57.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.700%	
50) Toluene-d8	10.323	98	117652	49.001	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.000%	
62) 4-Bromofluorobenzene	12.615	95	38252	44.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.320%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.776	94	25	Below Cal	#	2
16) Acetone	4.135	43	826	9.128	ug/l #	86
20) Methylene Chloride	4.928	84	1171	Below Cal		88
25) 2-Butanone	7.129	43	329	1.667	ug/l #	48
29) Tetrahydrofuran	7.543	42	306	2.487	ug/l #	60
31) Cyclohexane	7.946	56	1493	1.409	ug/l #	15
36) 1,1-Dichloropropene	7.939	75	4849	5.344	ug/l #	50
38) Carbon Tetrachloride	7.946	117	6766	7.119	ug/l #	18
51) 4-Methyl-2-Pentanone	10.323	43	628	1.420	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	19855	69.853	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	19855	137.500	ug/l #	8

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

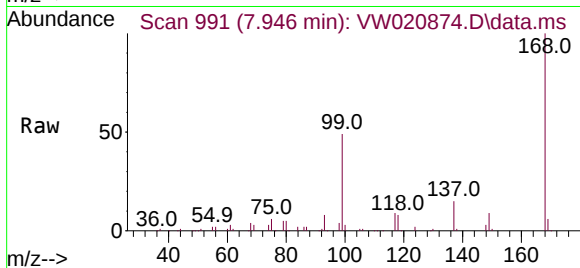
Quant Time: Nov 15 00:14:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration



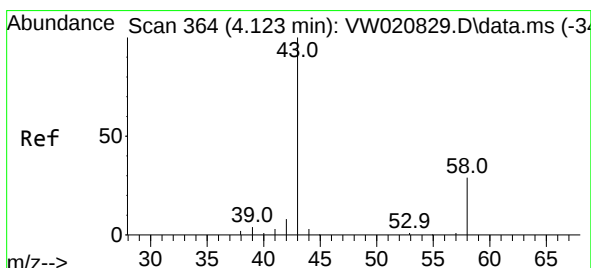
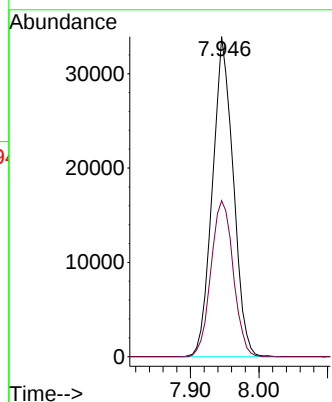
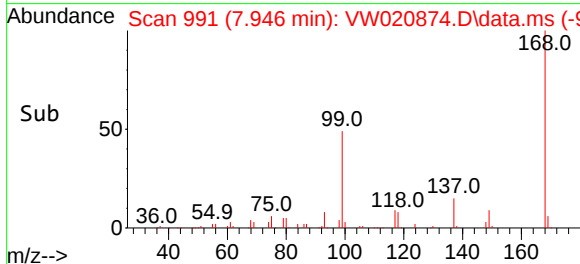


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.005 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

Instrument :
MSVOA_W
ClientSampleId :

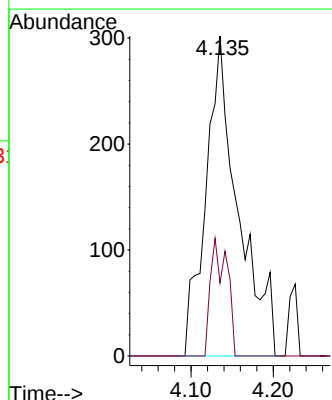
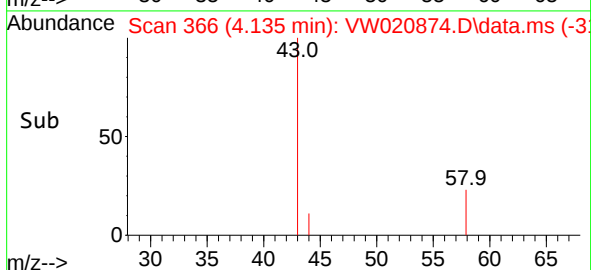
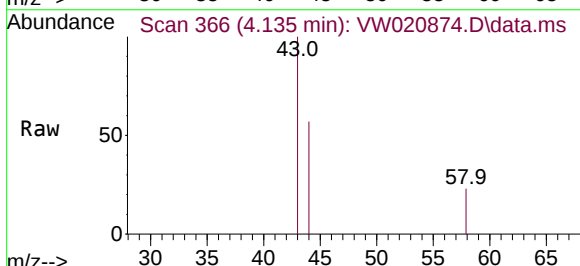


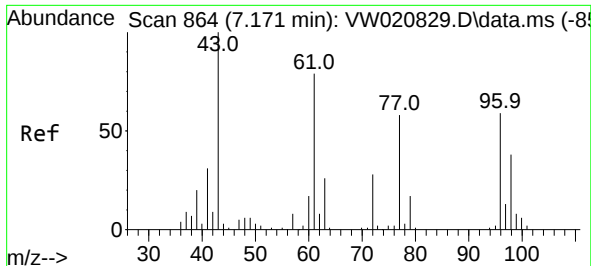
Tgt Ion:168 Resp: 71426
Ion Ratio Lower Upper
168 100
99 48.8 45.4 68.0



#16
Acetone
Concen: 9.128 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 22.8 24.2 36.2#

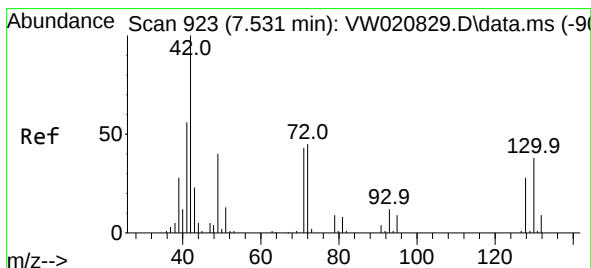
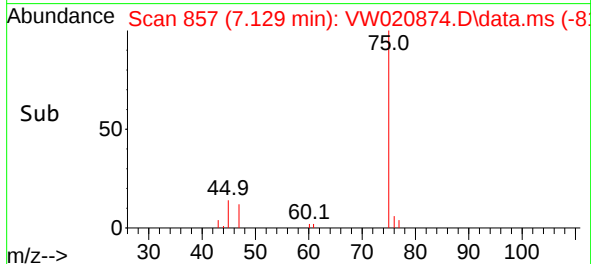
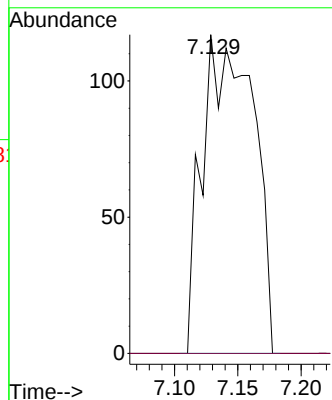
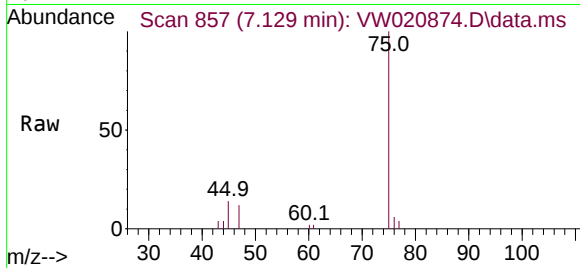




#25
2-Butanone
Concen: 1.667 ug/l
RT: 7.129 min Scan# 81
Delta R.T. -0.043 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

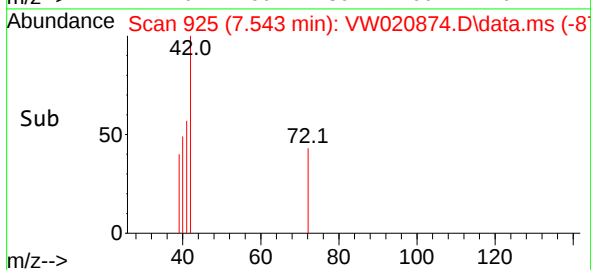
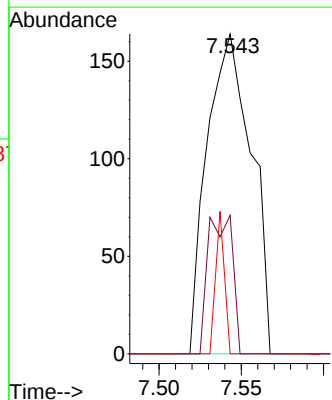
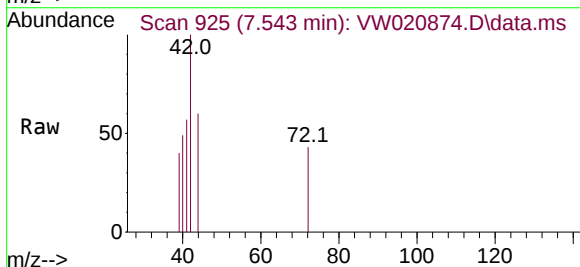
Instrument :
MSVOA_W
ClientSampleId :

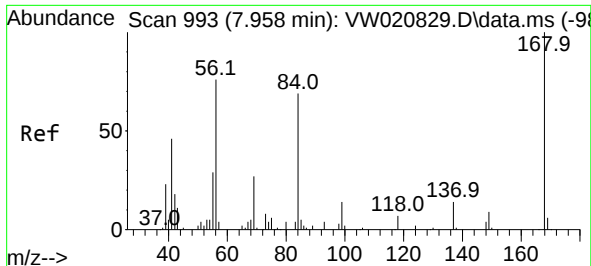
Tgt Ion: 43 Resp: 329
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#



#29
Tetrahydrofuran
Concen: 2.487 ug/l
RT: 7.543 min Scan# 925
Delta R.T. 0.012 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

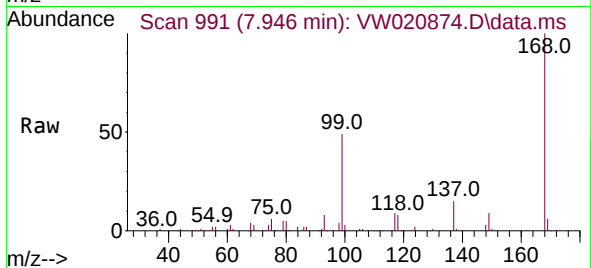
Tgt Ion: 42 Resp: 306
Ion Ratio Lower Upper
42 100
72 24.2 35.0 52.6#
71 8.8 32.2 48.4#



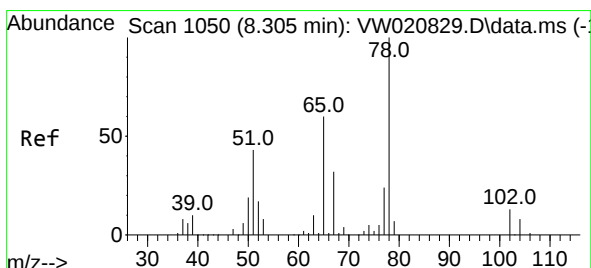
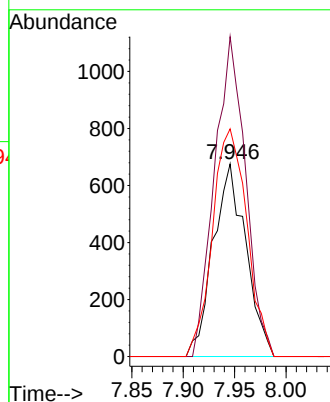
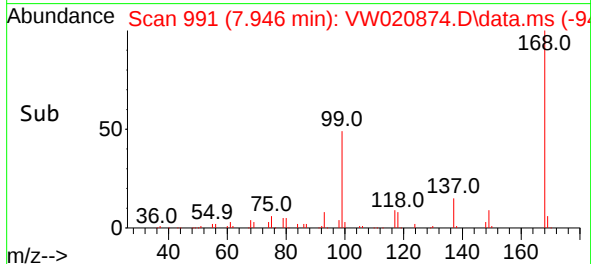


#31
Cyclohexane
Concen: 1.409 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

Instrument :
MSVOA_W
ClientSampleId :

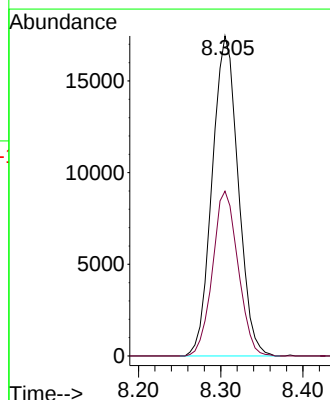
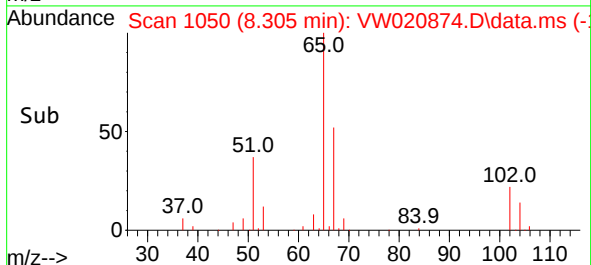
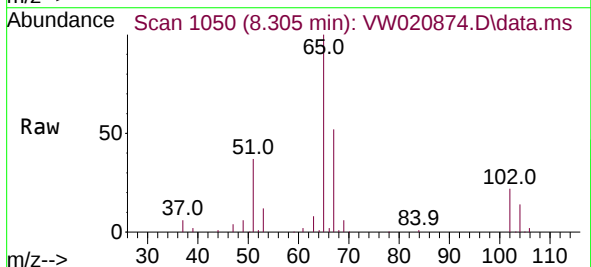


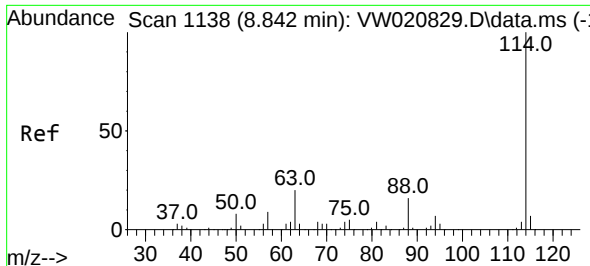
Tgt Ion: 56 Resp: 1493
Ion Ratio Lower Upper
56 100
69 166.0 27.2 40.8#
84 118.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 64.944 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

Tgt Ion: 65 Resp: 38360
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020874.D

Acq: 12 Nov 2021 23:36

Instrument :

MSVOA_W

ClientSampleId :

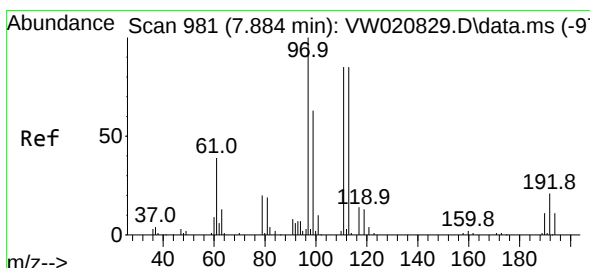
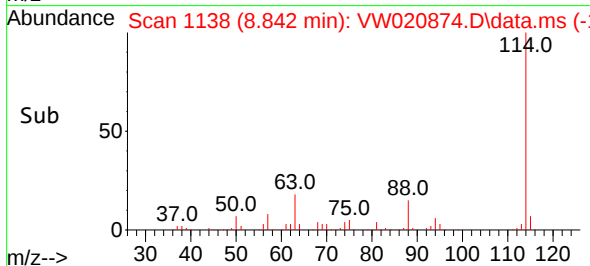
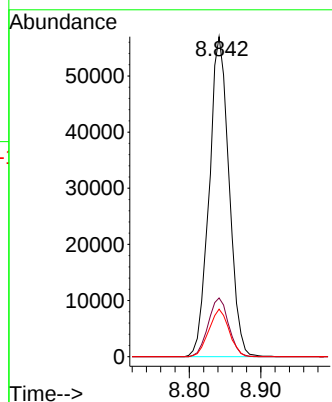
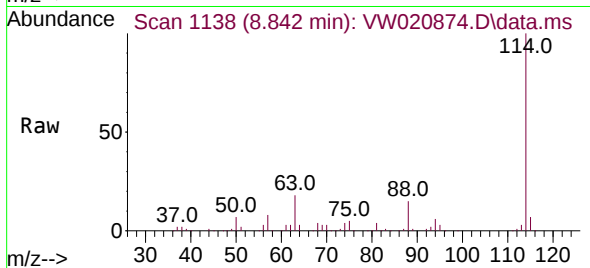
Tgt Ion:114 Resp: 109771

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.8

88 14.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 57.846 ug/l

RT: 7.885 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW020874.D

Acq: 12 Nov 2021 23:36

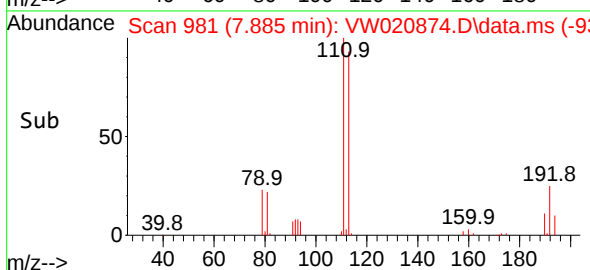
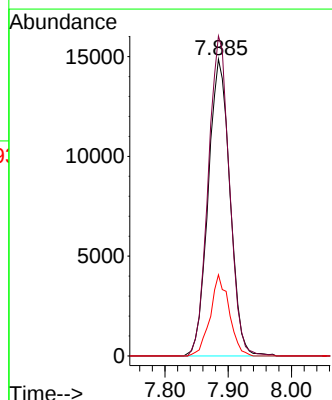
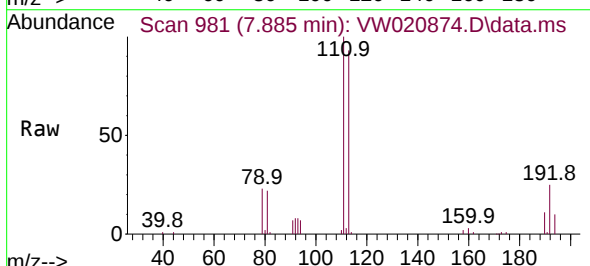
Tgt Ion:113 Resp: 35499

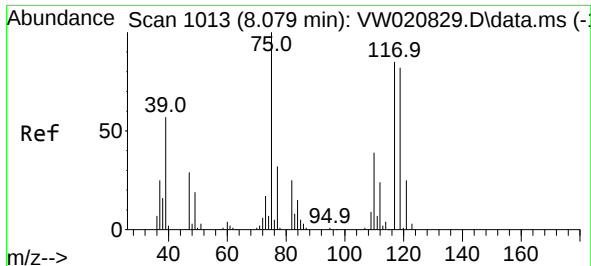
Ion Ratio Lower Upper

113 100

111 105.2 82.1 123.1

192 23.8 17.8 26.8





#36

1,1-Dichloropropene

Concen: 5.344 ug/l

RT: 7.939 min Scan# 990

Delta R.T. -0.140 min

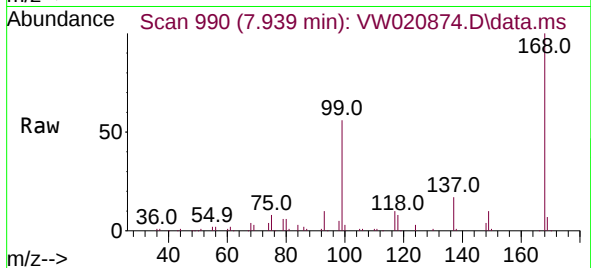
Lab File: VW020874.D

Acq: 12 Nov 2021 23:36

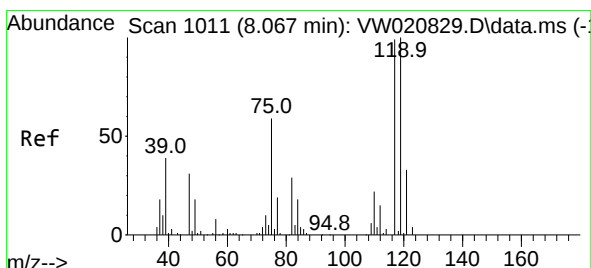
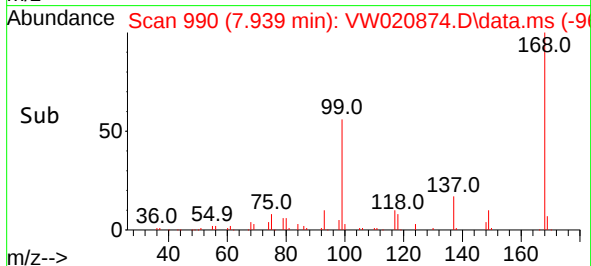
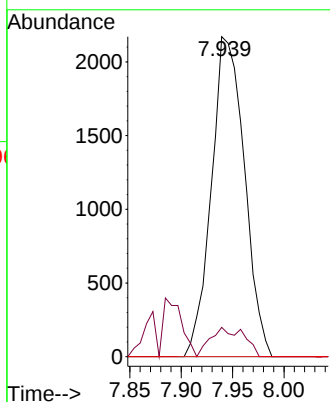
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	75	Resp:	4849
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 7.119 ug/l

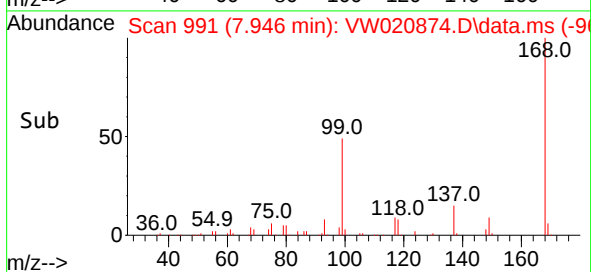
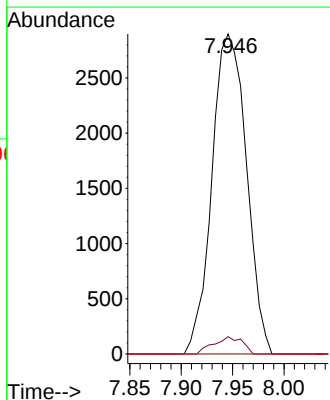
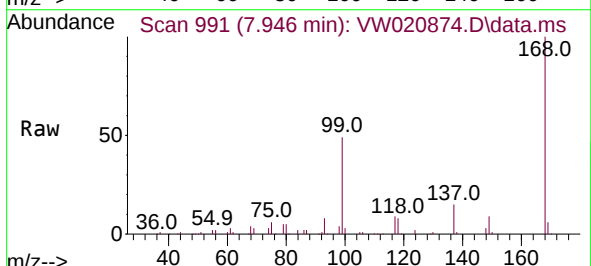
RT: 7.946 min Scan# 991

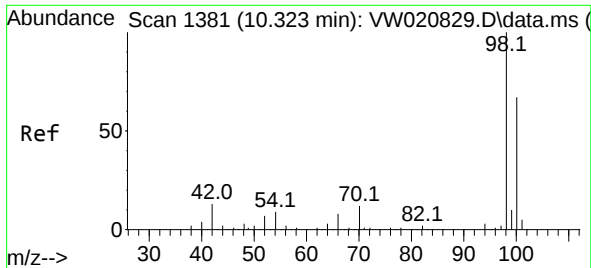
Delta R.T. -0.122 min

Lab File: VW020874.D

Acq: 12 Nov 2021 23:36

Tgt Ion:	117	Resp:	6766
Ion	Ratio	Lower	Upper
117	100		
119	5.4	72.9	109.3#
121	0.0	23.4	35.0#

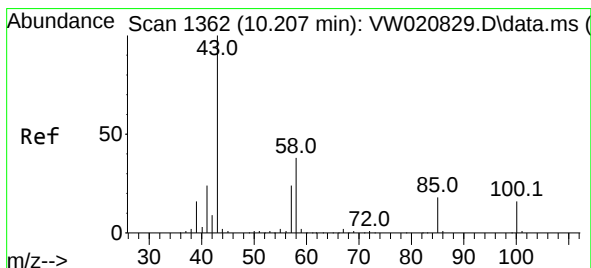
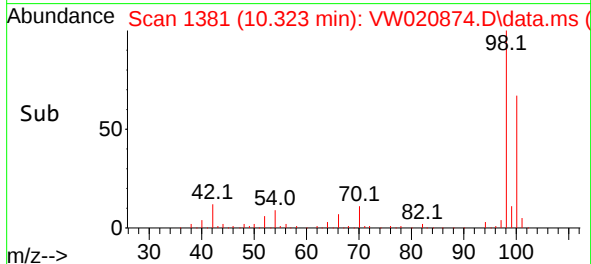
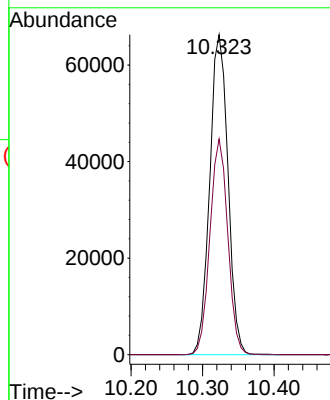
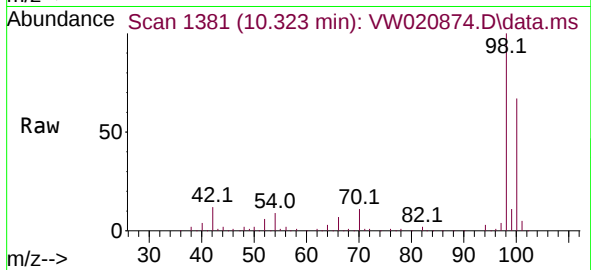




#50
Toluene-d8
Concen: 49.001 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

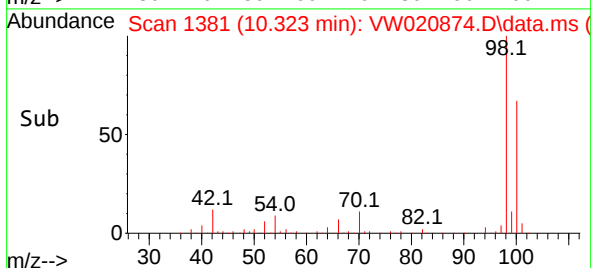
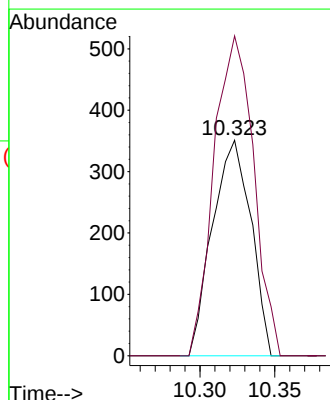
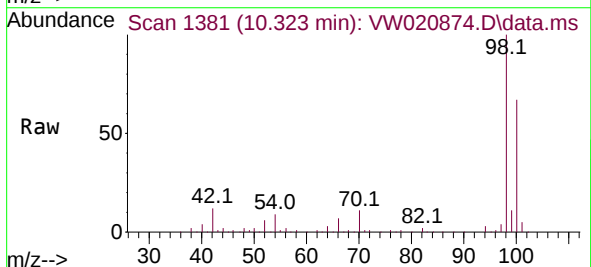
Instrument :
MSVOA_W
ClientSampleId :

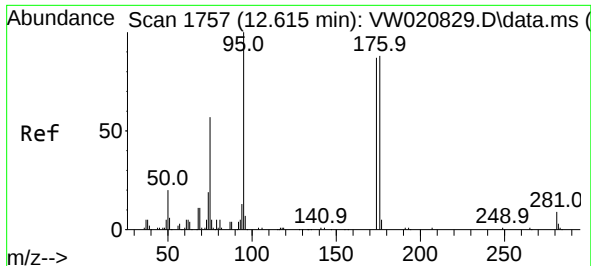
Tgt Ion: 98 Resp: 117652
Ion Ratio Lower Upper
98 100
100 65.9 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 1.420 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.116 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 152.9 30.6 46.0#

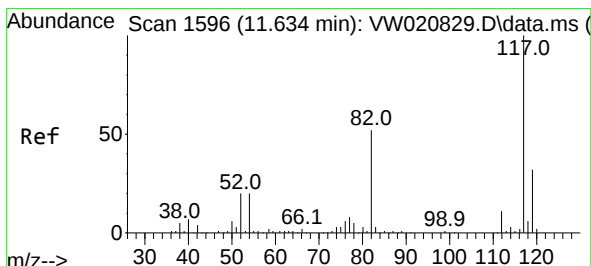
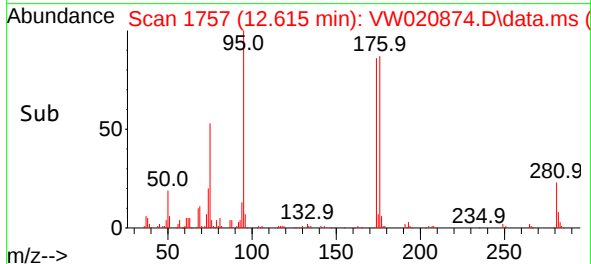
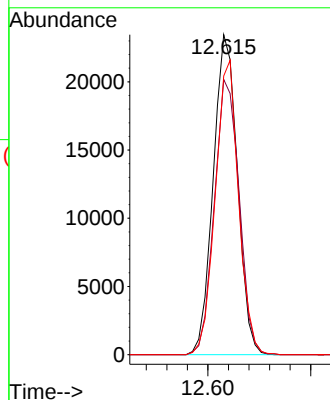
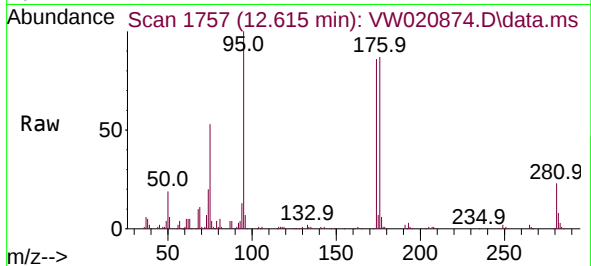




#62
4-Bromofluorobenzene
Concen: 44.158 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

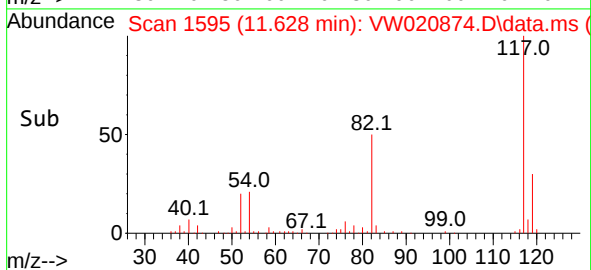
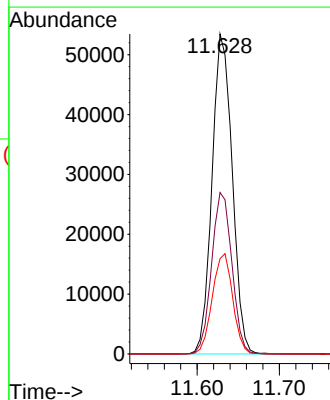
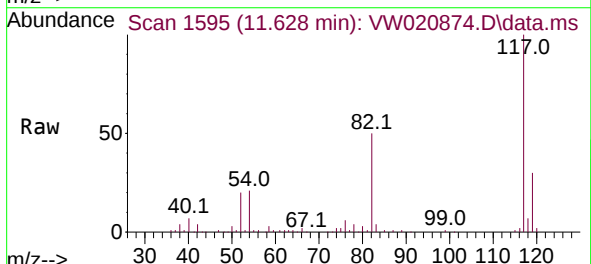
Instrument :
MSVOA_W
ClientSampleId :

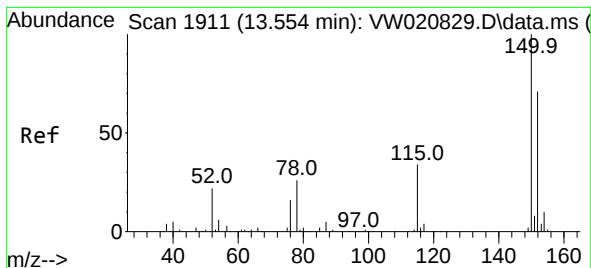
Tgt Ion: 95 Resp: 38252
Ion Ratio Lower Upper
95 100
174 88.3 0.0 166.4
176 88.5 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

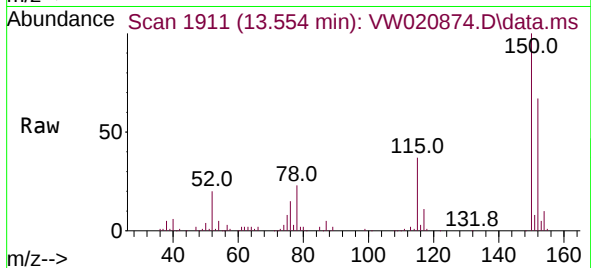
Tgt Ion: 117 Resp: 91260
Ion Ratio Lower Upper
117 100
82 50.4 45.6 68.4
119 29.8 25.0 37.4



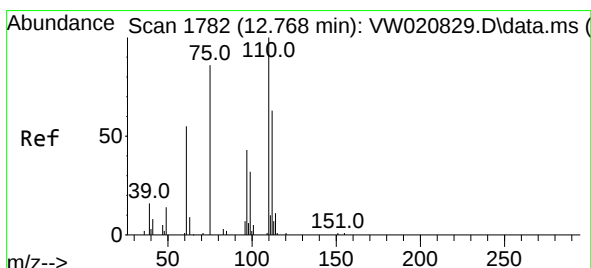
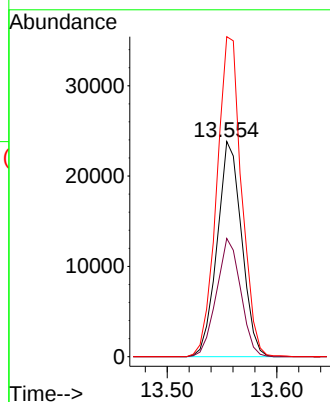
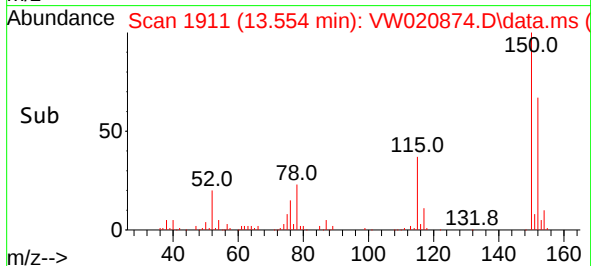


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VW020874.D
 Acq: 12 Nov 2021 23:36

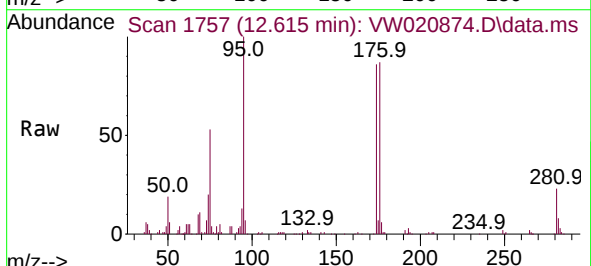
Instrument :
 MSVOA_W
 ClientSampleId :



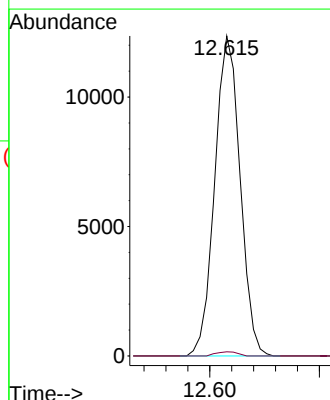
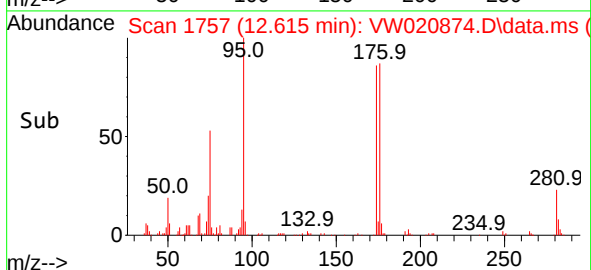
Tgt Ion:152 Resp: 36968
 Ion Ratio Lower Upper
 152 100
 115 54.2 29.6 88.9
 150 150.9 0.0 352.6

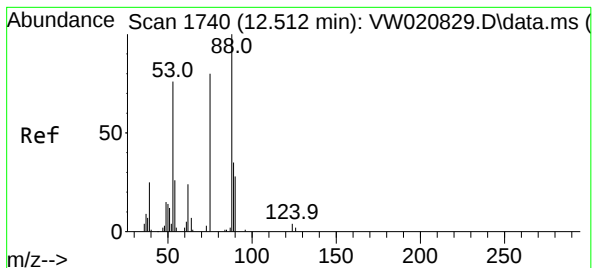


#76
 1,2,3-Trichloropropane
 Concen: 69.853 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. -0.152 min
 Lab File: VW020874.D
 Acq: 12 Nov 2021 23:36



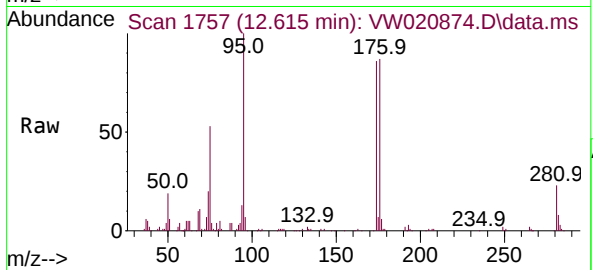
Tgt Ion: 75 Resp: 19855
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 137.500 ug/l
RT: 12.615 min Scan# 11
Delta R.T. 0.104 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 75 Resp: 19855
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.2 36.7 55.1#

