

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020879.D
 Acq On : 13 Nov 2021 01:37
 Operator : SY/VA
 Sample : M4654-07
 Misc : 5.71g/5mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:15:30 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)

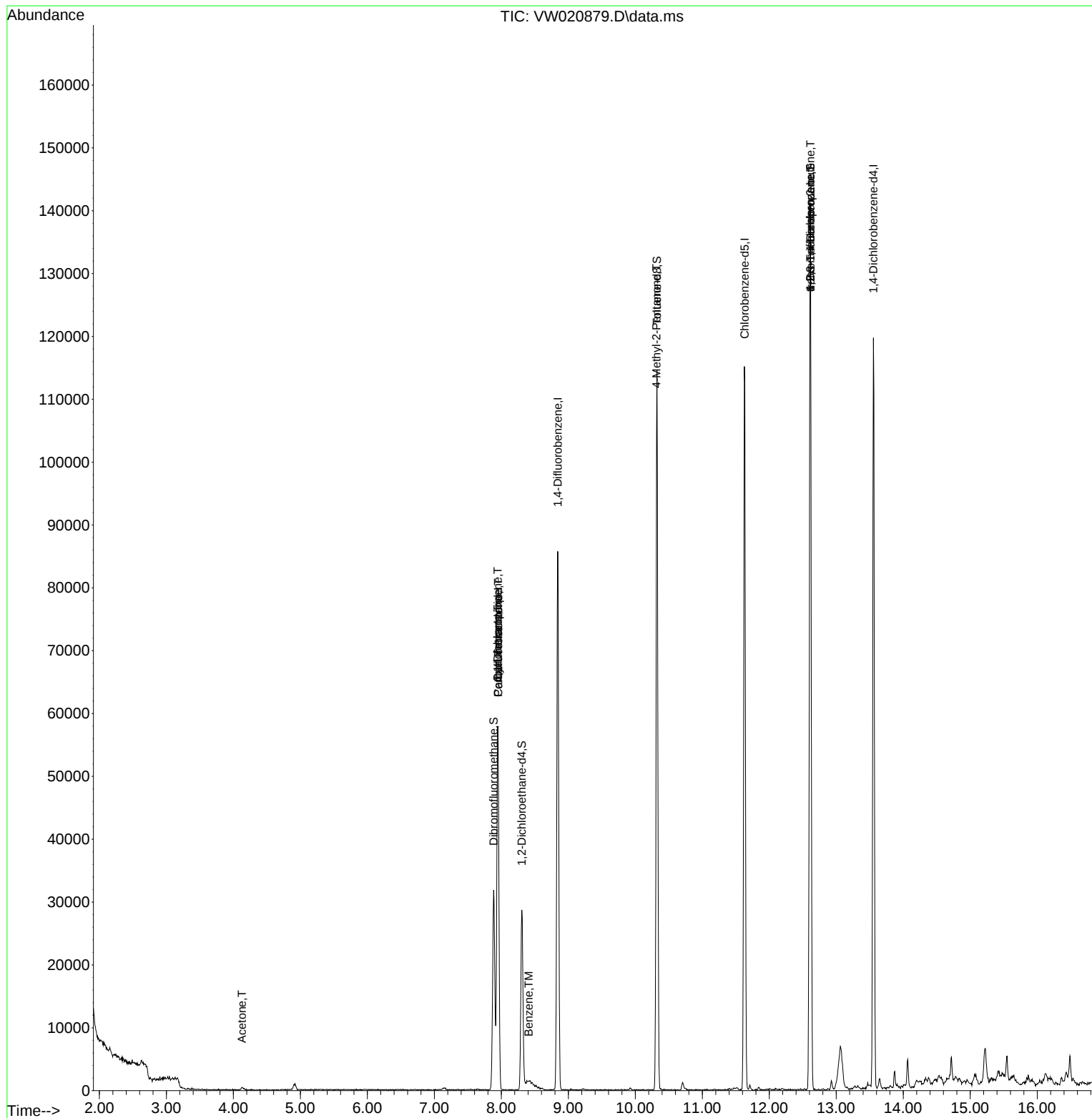
Internal Standards						
1) Pentafluorobenzene	7.952	168	46360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	73608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	66003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	31993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	22549	58.817	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.640%			
35) Dibromofluoromethane	7.885	113	21369	51.928	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.860%			
50) Toluene-d8	10.323	98	74710	46.403	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.800%			
62) 4-Bromofluorobenzene	12.615	95	27280	46.964	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.920%			
Target Compounds						
					Qvalue	
5) Bromomethane	3.020	94	20	Below Cal	#	2
16) Acetone	4.129	43	747	11.389	ug/l #	57
20) Methylene Chloride	4.903	84	645	Below Cal	#	92
31) Cyclohexane	7.945	56	966	1.405	ug/l #	30
36) 1,1-Dichloropropene	7.945	75	3164	5.200	ug/l #	50
38) Carbon Tetrachloride	7.952	117	4359	6.840	ug/l #	17
40) Benzene	8.409	78	4206	2.583	ug/l	99
51) 4-Methyl-2-Pentanone	10.317	43	412	1.389	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	15014	61.035	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	15014	120.143	ug/l #	8

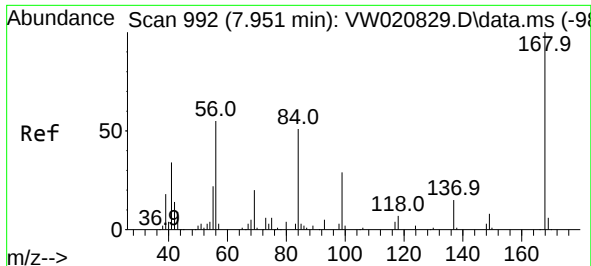
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :

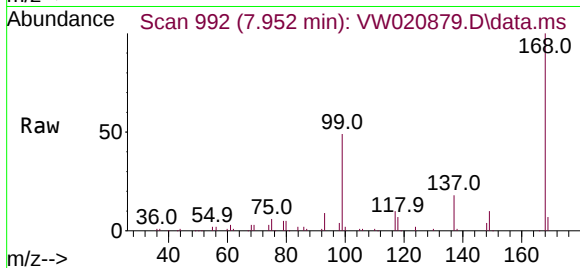
Quant Time: Nov 15 00:15:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration



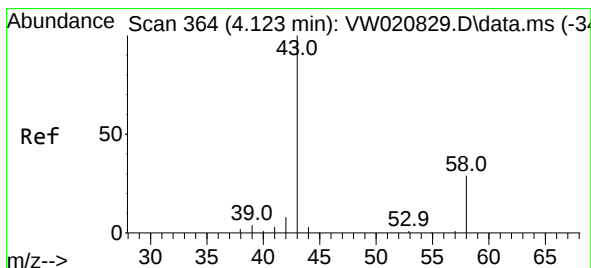
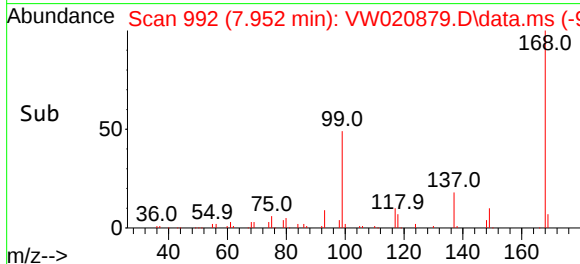
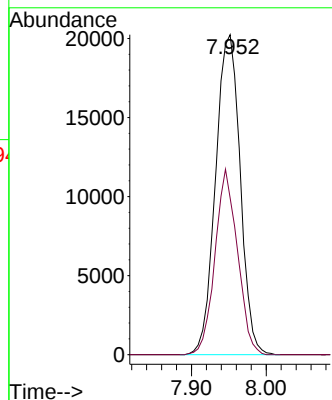


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 99
Delta R.T. 0.001 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

Instrument :
MSVOA_W
ClientSampleId :

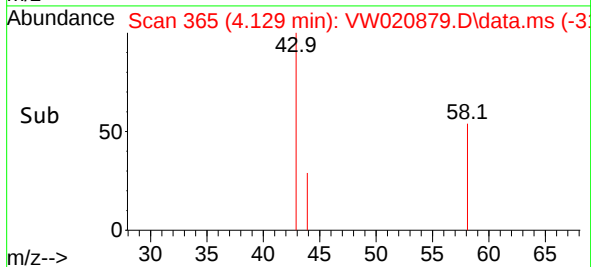
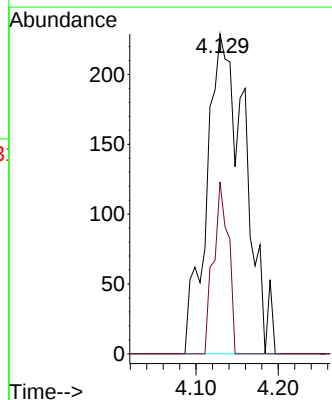
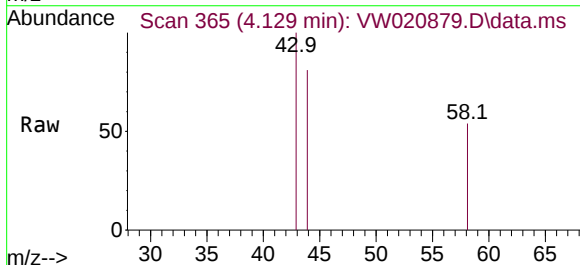


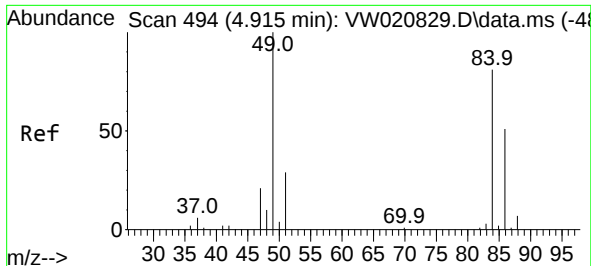
Tgt Ion:168 Resp: 46360
Ion Ratio Lower Upper
168 100
99 49.0 45.4 68.0



#16
Acetone
Concen: 11.389 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

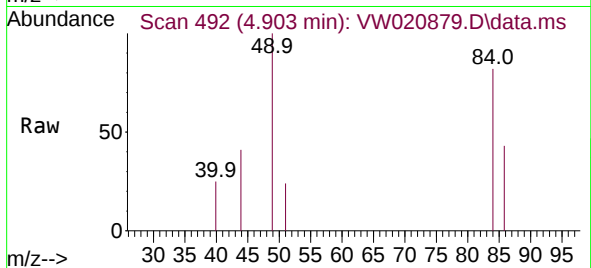
Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
58 53.7 24.2 36.2#





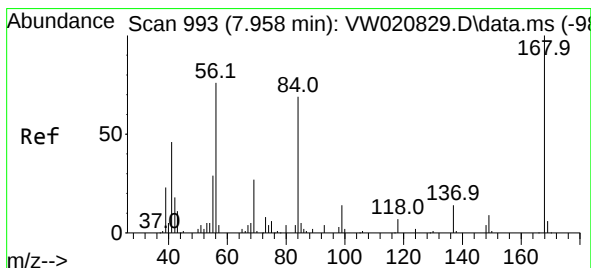
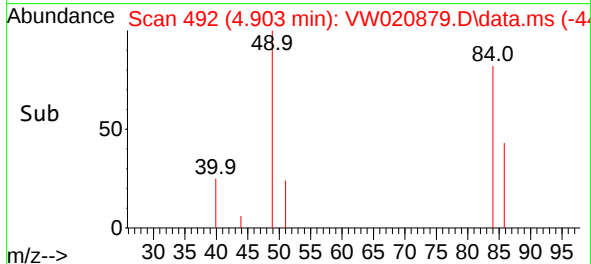
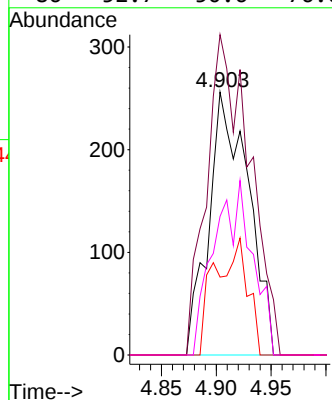
#20
Methylene Chloride
Concen: Below Cal
RT: 4.903 min Scan# 491
Delta R.T. -0.012 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 645

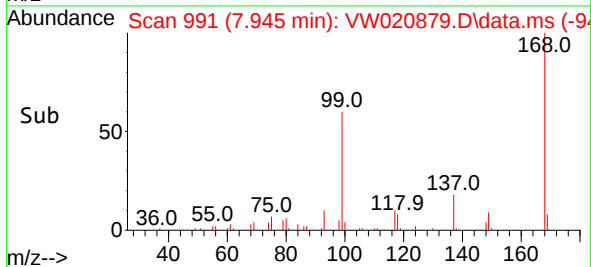
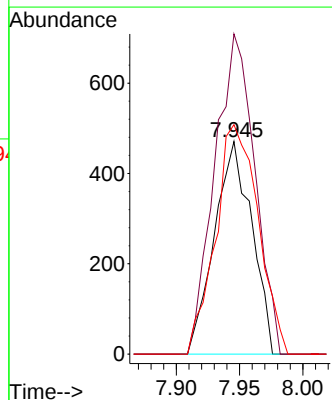
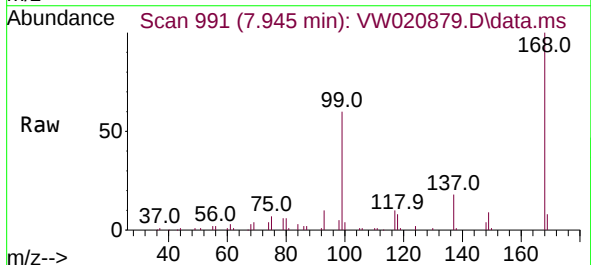
Ion	Ratio	Lower	Upper
84	100		
49	121.9	100.0	150.0
51	29.7	30.8	46.2#
86	52.7	50.6	76.0

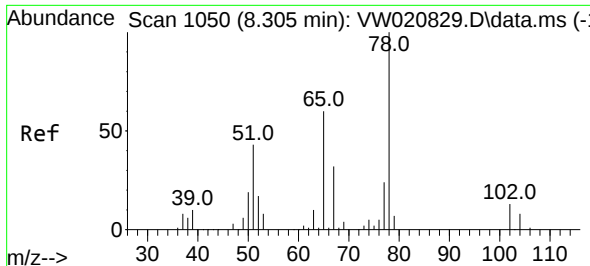


#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

Tgt Ion: 56 Resp: 966

Ion	Ratio	Lower	Upper
56	100		
69	150.5	27.2	40.8#
84	107.9	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 58.817 ug/l

RT: 8.305 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VW020879.D

Acq: 13 Nov 2021 01:37

Instrument :

MSVOA_W

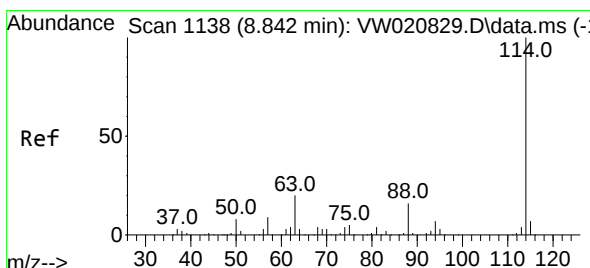
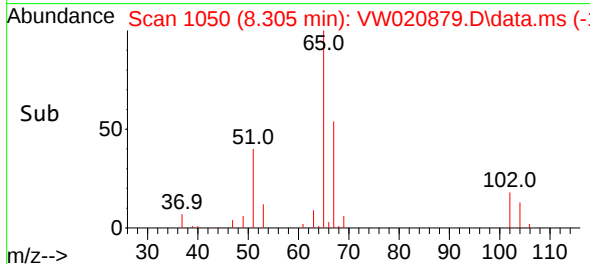
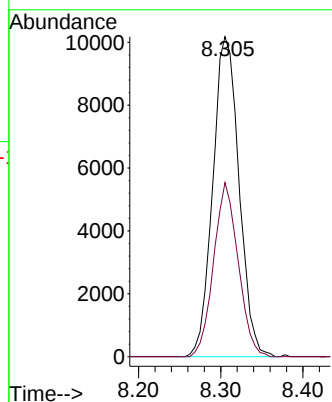
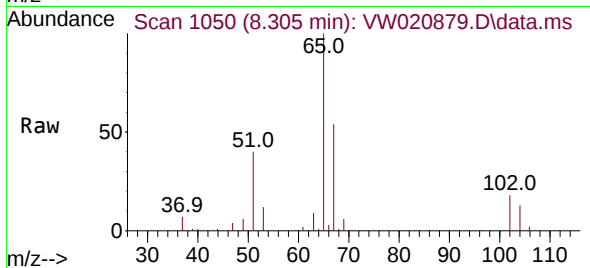
ClientSampleId :

Tgt Ion: 65 Resp: 22549

Ion Ratio Lower Upper

65 100

67 50.9 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: VW020879.D

Acq: 13 Nov 2021 01:37

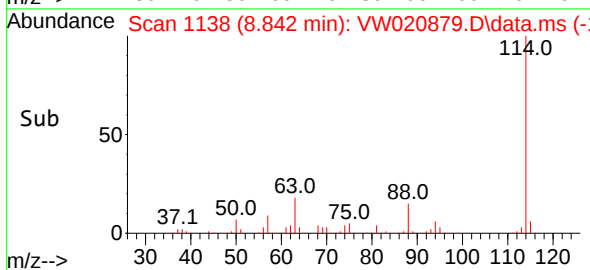
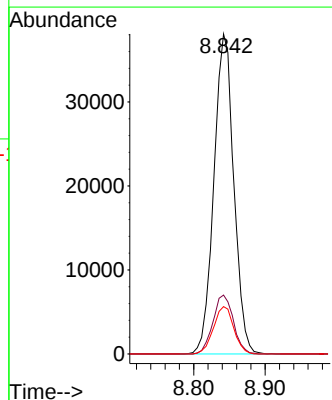
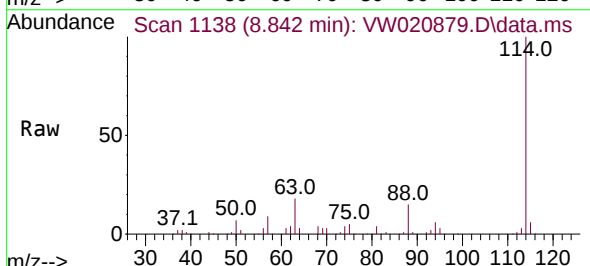
Tgt Ion: 114 Resp: 73608

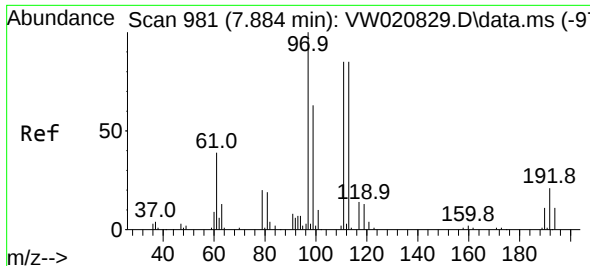
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.8

88 14.8 0.0 33.0

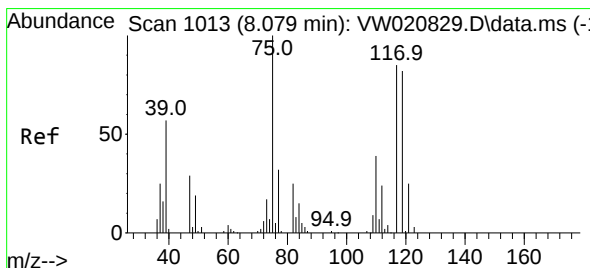
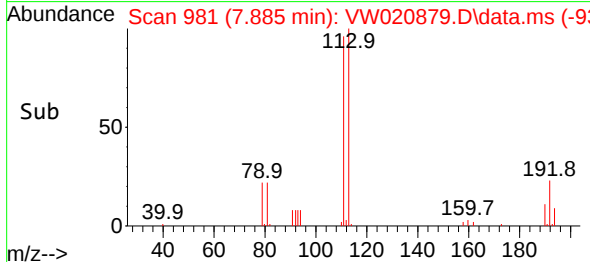
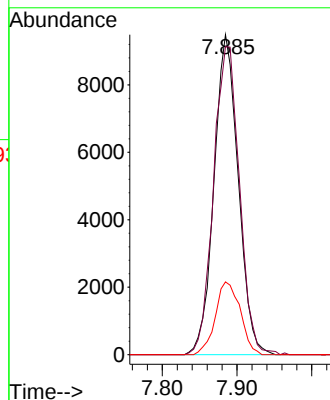
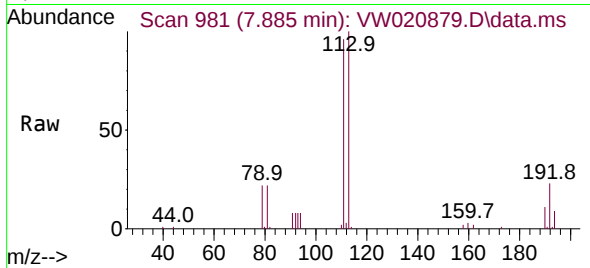




#35
Dibromofluoromethane
Concen: 51.928 ug/l
RT: 7.885 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

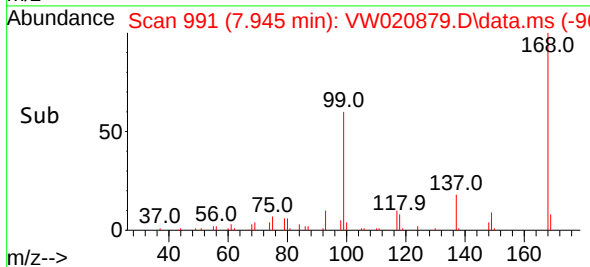
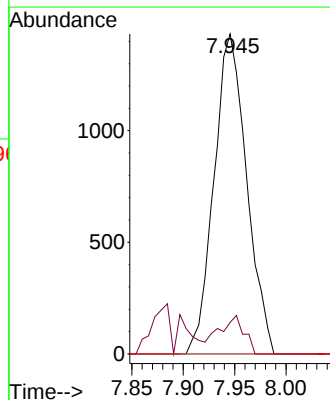
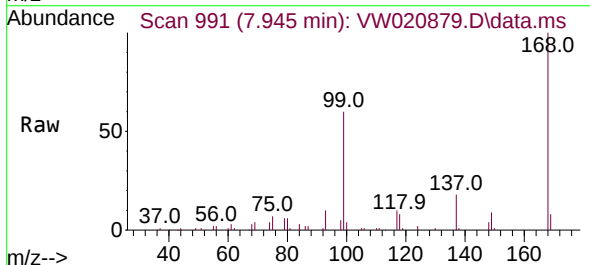
Instrument :
MSVOA_W
ClientSampleId :

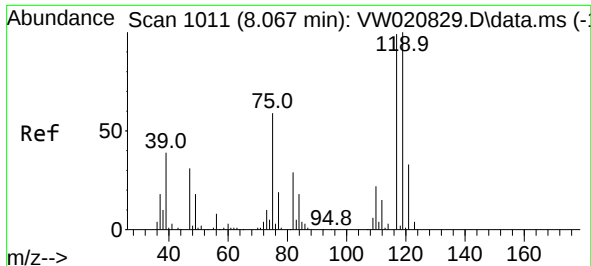
Tgt Ion:113 Resp: 21369
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 23.4 17.8 26.8



#36
1,1-Dichloropropene
Concen: 5.200 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.134 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

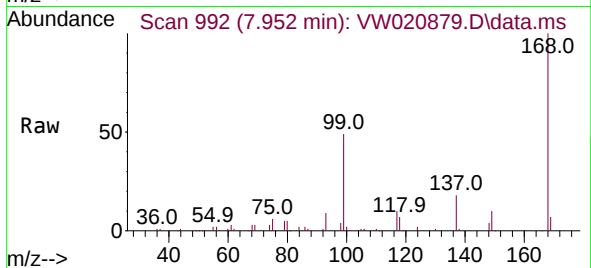
Tgt Ion: 75 Resp: 3164
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.3#
77 0.0 24.9 37.3#



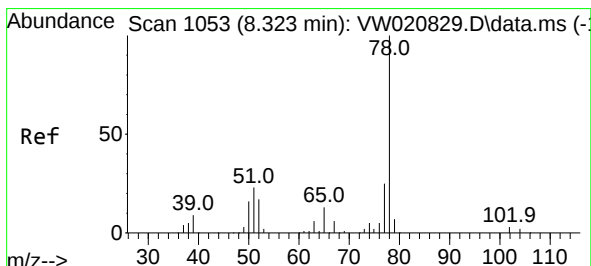
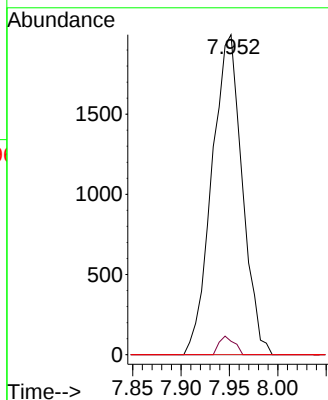
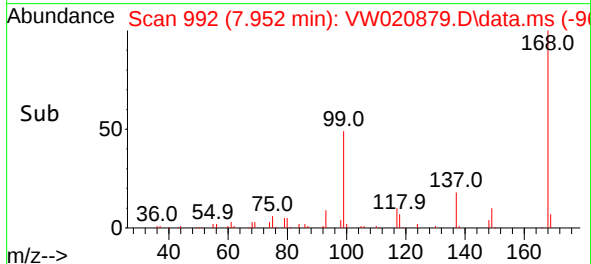


#38
Carbon Tetrachloride
Concen: 6.840 ug/l
RT: 7.952 min Scan# 91
Delta R.T. -0.116 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

Instrument :
MSVOA_W
ClientSampleId :

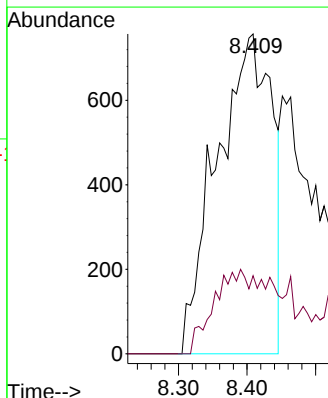
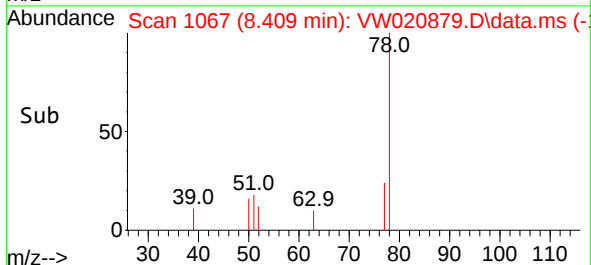
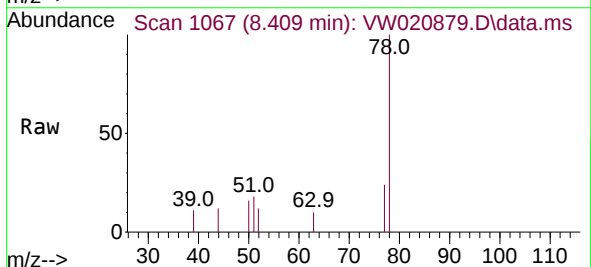


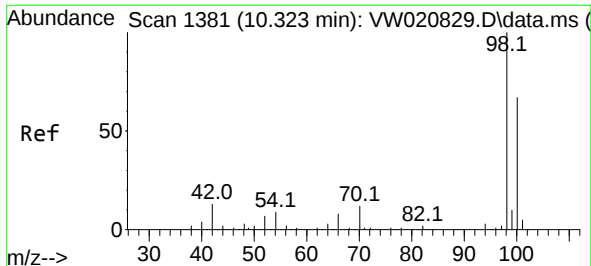
Tgt Ion:117 Resp: 4359
Ion Ratio Lower Upper
117 100
119 4.2 72.9 109.3#
121 0.0 23.4 35.0#



#40
Benzene
Concen: 2.583 ug/l
RT: 8.409 min Scan# 1067
Delta R.T. 0.085 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

Tgt Ion: 78 Resp: 4206
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

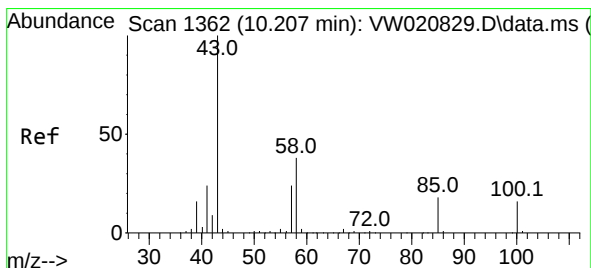
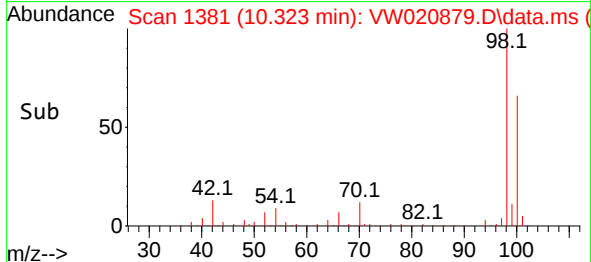
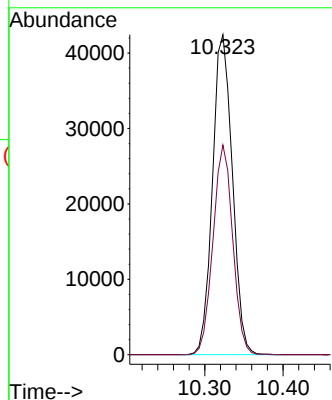
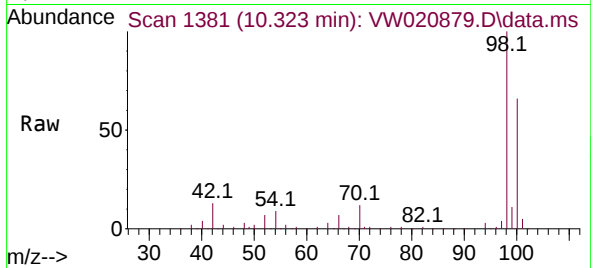




#50
Toluene-d8
Concen: 46.403 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

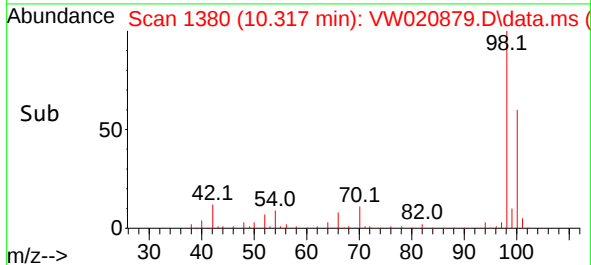
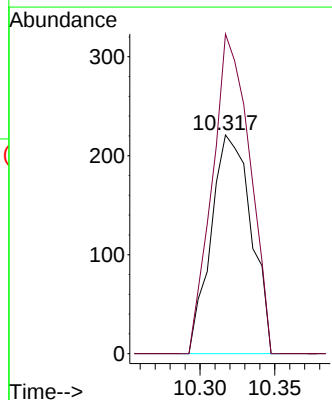
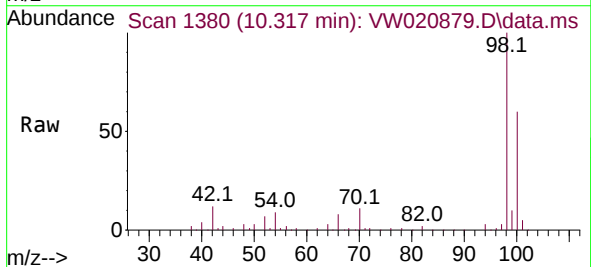
Instrument :
MSVOA_W
ClientSampleId :

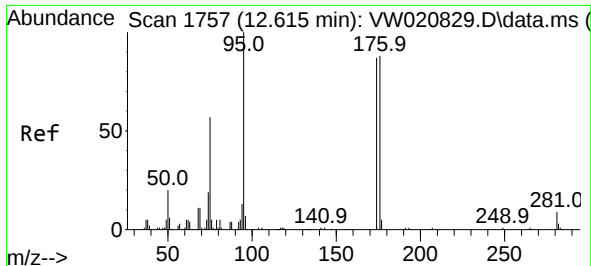
Tgt Ion: 98 Resp: 74710
Ion Ratio Lower Upper
98 100
100 65.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 1.389 ug/l
RT: 10.317 min Scan# 1380
Delta R.T. 0.110 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
58 136.9 30.6 46.0#

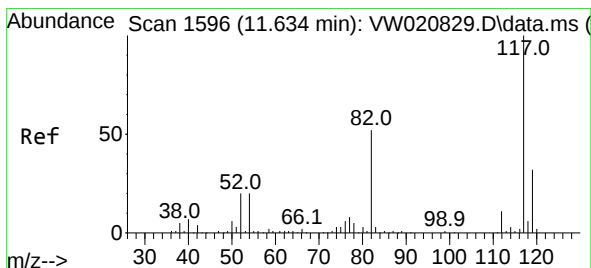
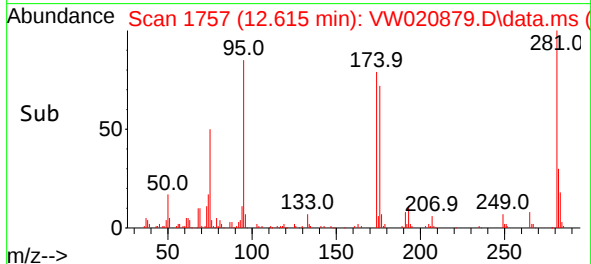
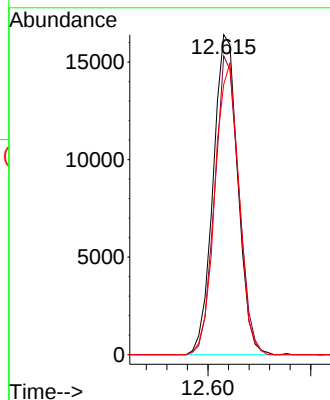
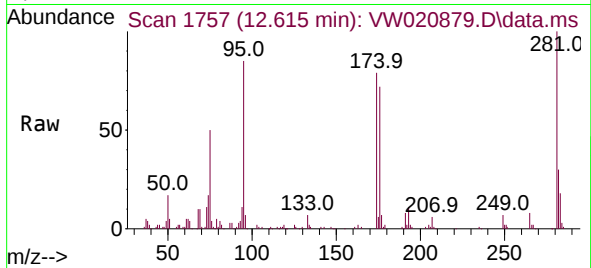




#62
4-Bromofluorobenzene
Concen: 46.964 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

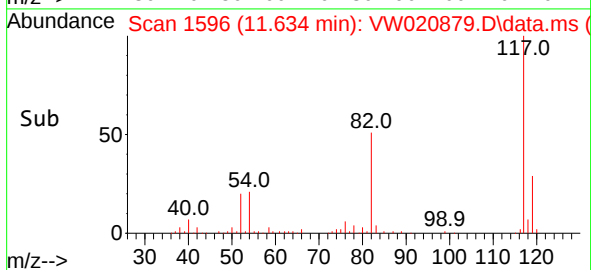
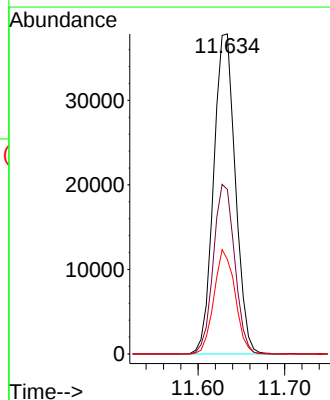
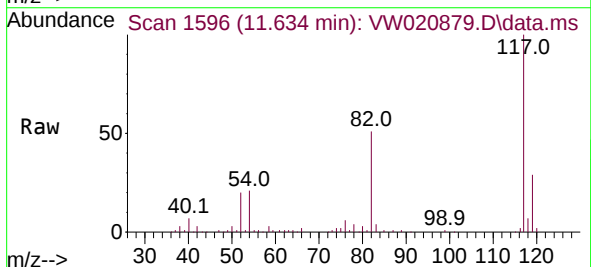
Instrument :
MSVOA_W
ClientSampleId :

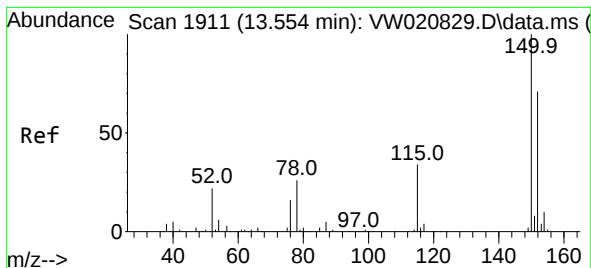
Tgt Ion: 95 Resp: 27280
Ion Ratio Lower Upper
95 100
174 91.3 0.0 166.4
176 89.1 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

Tgt Ion: 117 Resp: 66003
Ion Ratio Lower Upper
117 100
82 51.4 45.6 68.4
119 29.5 25.0 37.4

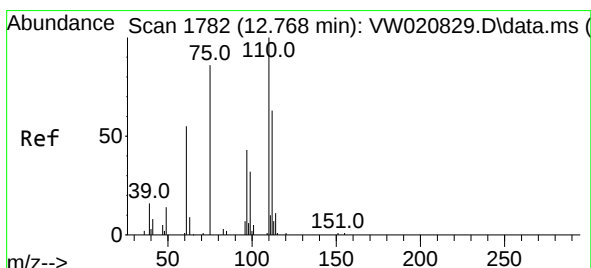
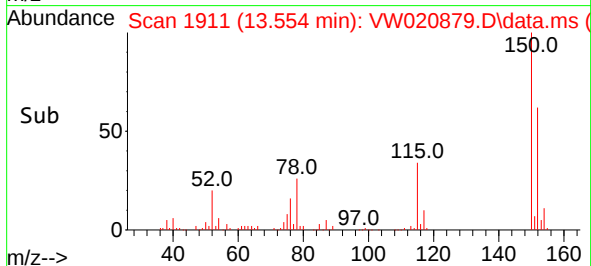
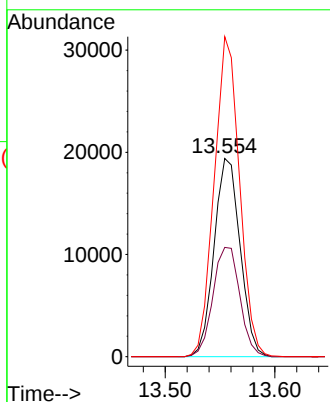
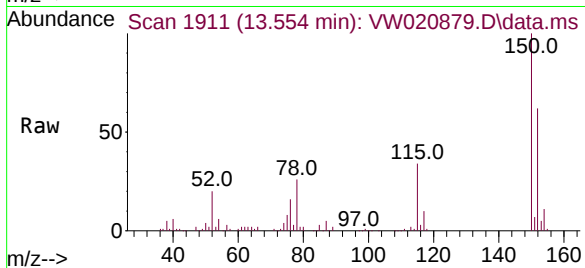




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VW020879.D
 Acq: 13 Nov 2021 01:37

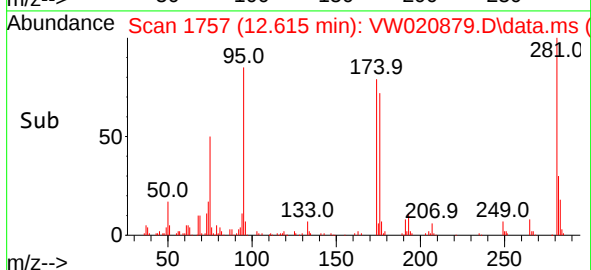
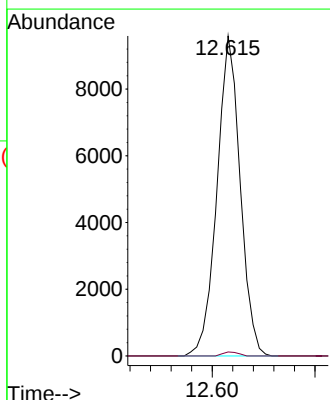
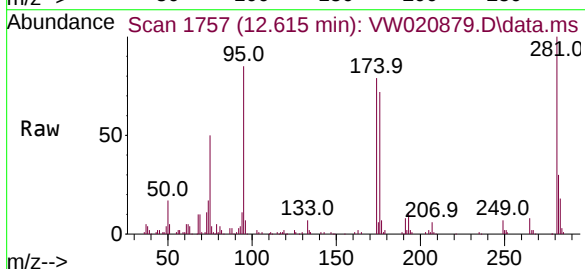
Instrument :
 MSVOA_W
 ClientSampleId :

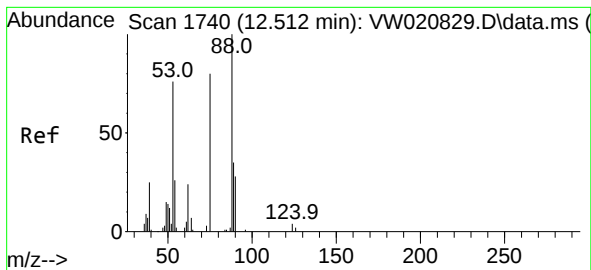
Tgt Ion:152 Resp: 31993
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.6 88.9
 150 156.9 0.0 352.6



#76
 1,2,3-Trichloropropane
 Concen: 61.035 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. -0.152 min
 Lab File: VW020879.D
 Acq: 13 Nov 2021 01:37

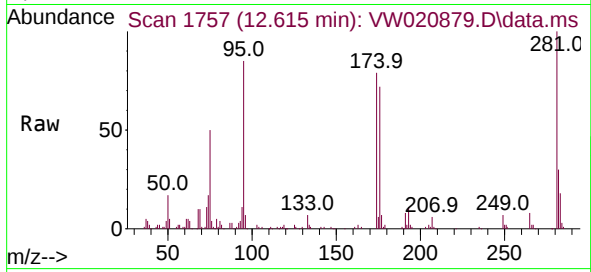
Tgt Ion: 75 Resp: 15014
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 120.143 ug/l
RT: 12.615 min Scan# 11
Delta R.T. 0.104 min
Lab File: VW020879.D
Acq: 13 Nov 2021 01:37

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.7	125.5#
89	1.1	36.7	55.1#

