

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020870.D
 Acq On : 12 Nov 2021 22:00
 Operator : SY/VA
 Sample : M4625-01
 Misc : 5.02g/5mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:13:17 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	7.945	168	16362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	23898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	20281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	9079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	8328	61.549	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.100%
35) Dibromofluoromethane	7.884	113	7712	57.723	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.440%
50) Toluene-d8	10.323	98	25318	48.435	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.615	95	9111	48.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.620%

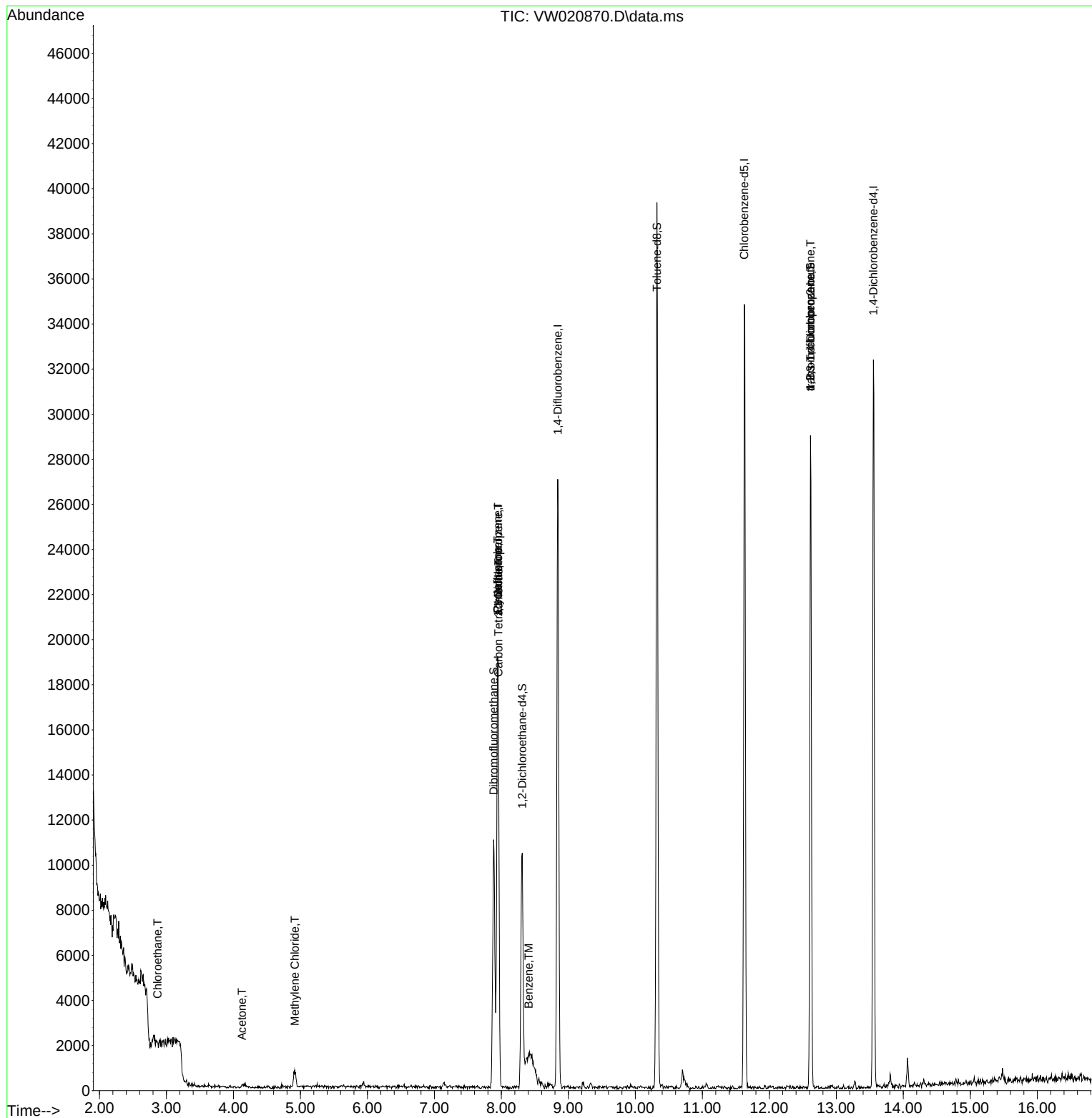
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.593	94	20	Below Cal	#	2
6) Chloroethane	2.867	64	69	1.135	ug/l #	41
16) Acetone	4.129	43	121	7.056	ug/l #	44
20) Methylene Chloride	4.915	84	503	1.280	ug/l #	82
31) Cyclohexane	7.945	56	301	1.240	ug/l #	24
36) 1,1-Dichloropropene	7.951	75	981	4.966	ug/l #	49
38) Carbon Tetrachloride	7.958	117	1417	6.849	ug/l #	14
40) Benzene	8.409	78	3378	6.389	ug/l	94
76) 1,2,3-Trichloropropane	12.615	75	4587	65.710	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	4587	129.345	ug/l #	8

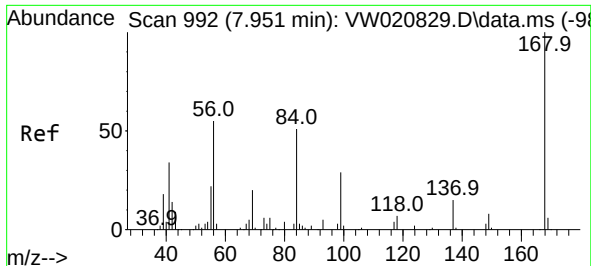
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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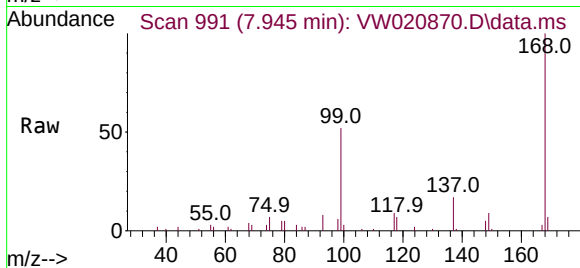
Quant Time: Nov 15 00:13:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration



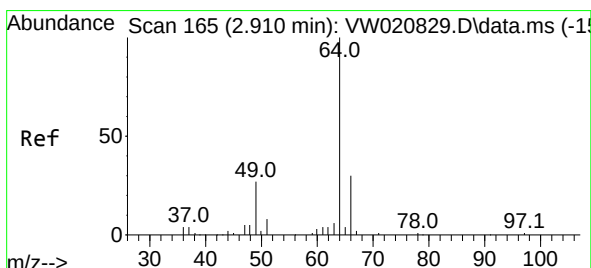
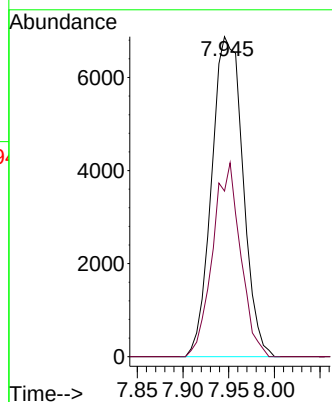
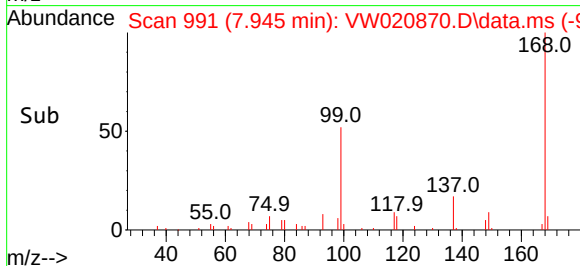


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

Instrument :
MSVOA_W
ClientSampleId :

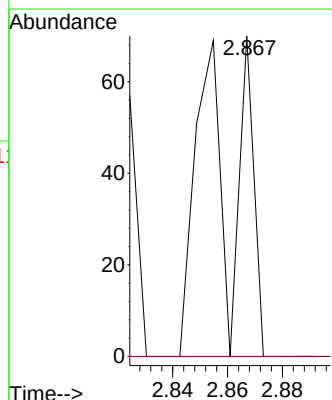
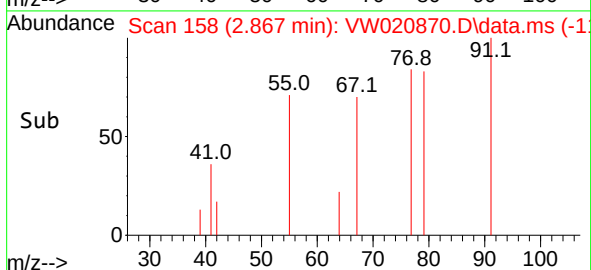
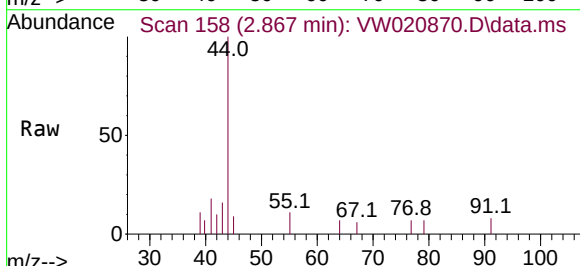


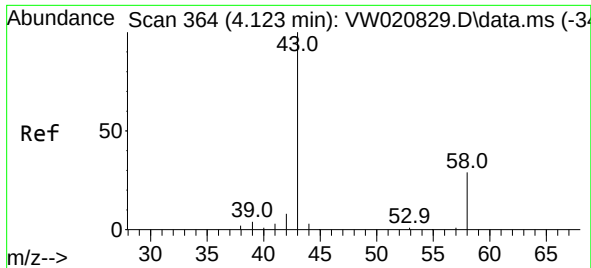
Tgt Ion:168 Resp: 16362
Ion Ratio Lower Upper
168 100
99 51.8 45.4 68.0



#6
Chloroethane
Concen: 1.135 ug/l
RT: 2.867 min Scan# 158
Delta R.T. -0.043 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 27.0 40.4#

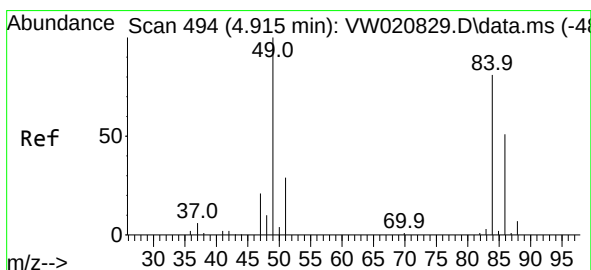
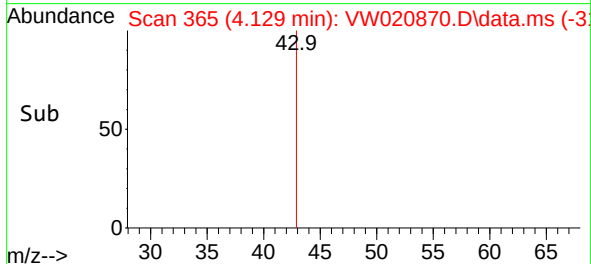
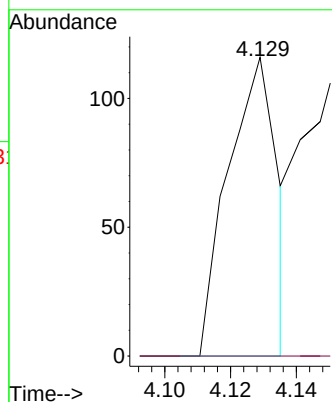
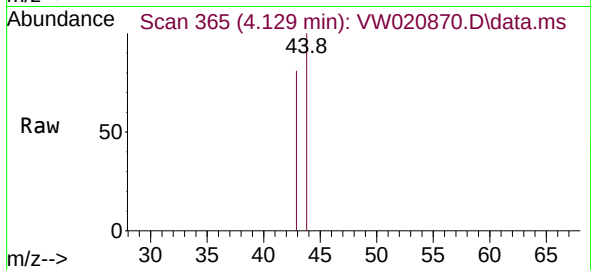




#16
Acetone
Concen: 7.056 ug/l
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

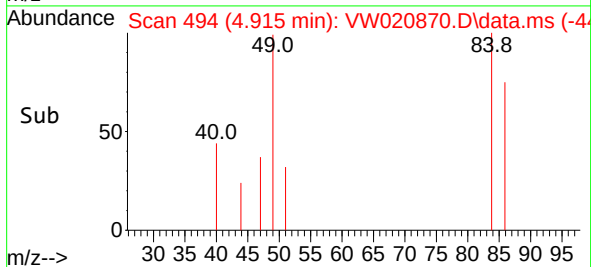
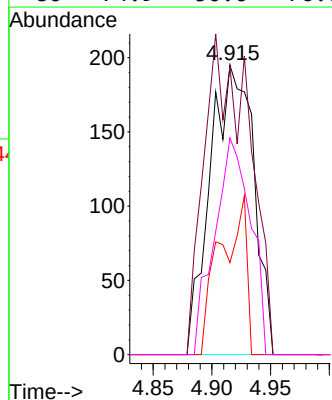
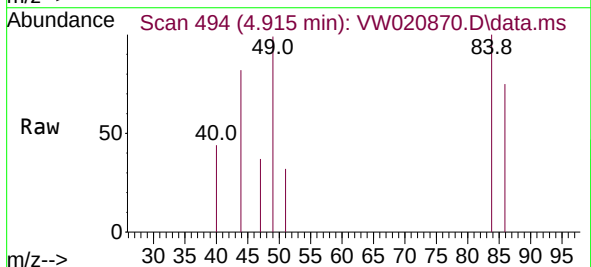
Instrument :
MSVOA_W
ClientSampleId :

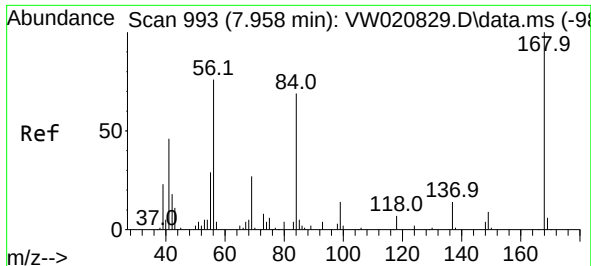
Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 1.280 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

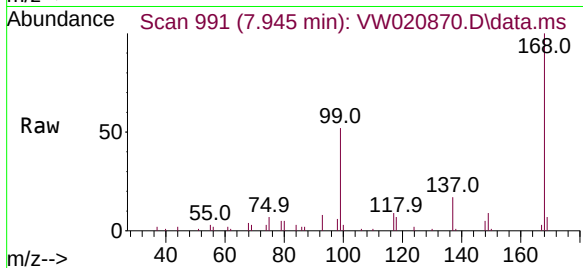
Tgt Ion: 84 Resp: 503
Ion Ratio Lower Upper
84 100
49 99.5 100.0 150.0#
51 31.8 30.8 46.2
86 74.9 50.6 76.0



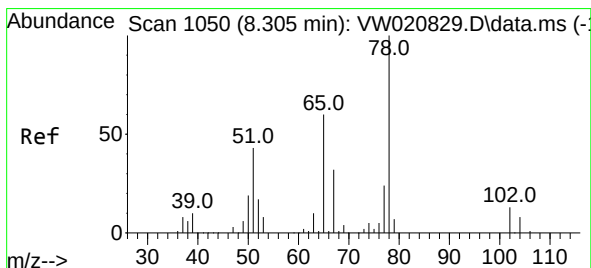
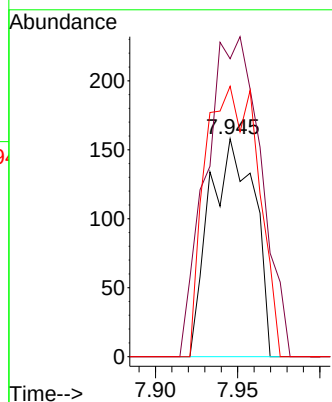
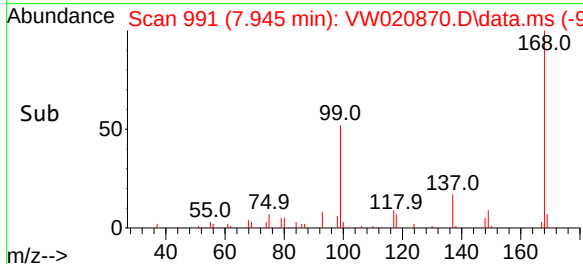


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

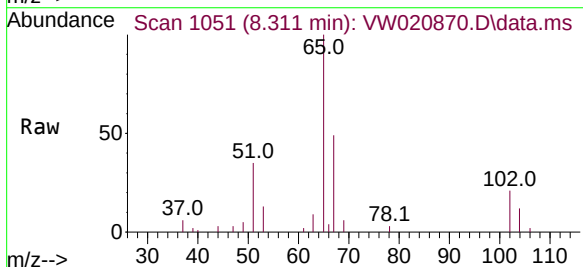
Instrument :
MSVOA_W
ClientSampleId :



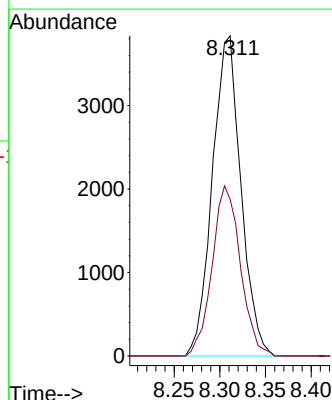
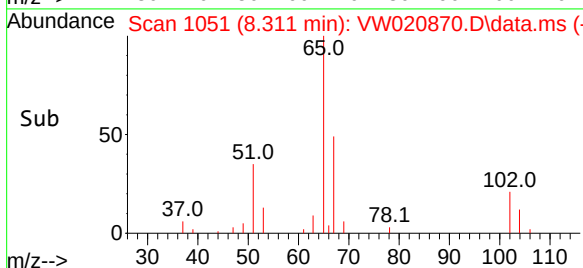
Tgt Ion: 56 Resp: 301
Ion Ratio Lower Upper
56 100
69 136.7 27.2 40.8#
84 124.1 71.8 107.6#

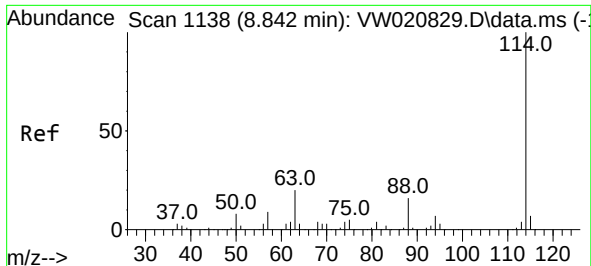


#33
1,2-Dichloroethane-d4
Concen: 61.549 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00



Tgt Ion: 65 Resp: 8328
Ion Ratio Lower Upper
65 100
67 52.6 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: VW020870.D

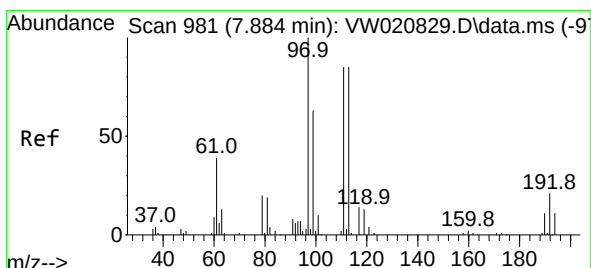
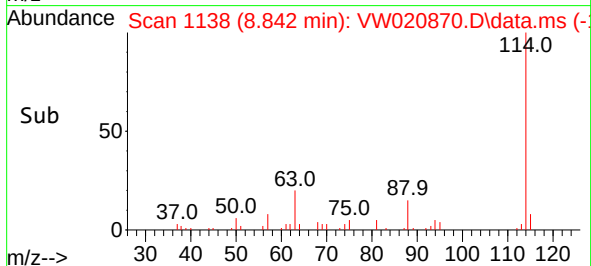
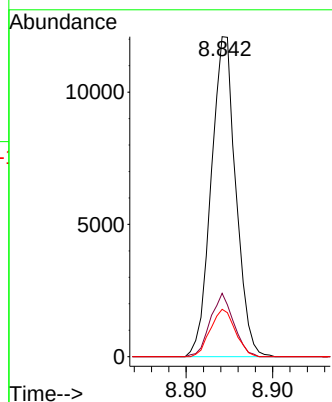
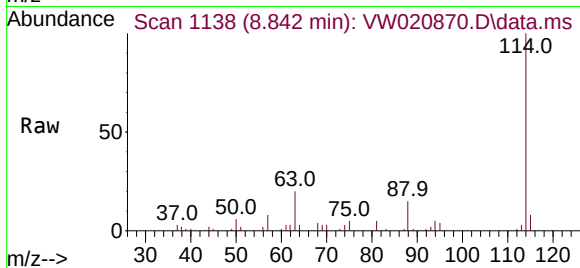
Acq: 12 Nov 2021 22:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:114	Resp:	23898
Ion	Ratio	Lower Upper
114	100	
63	19.8	0.0 42.8
88	14.8	0.0 33.0



#35

Dibromofluoromethane

Concen: 57.723 ug/l

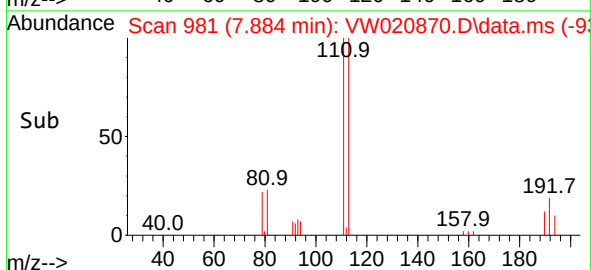
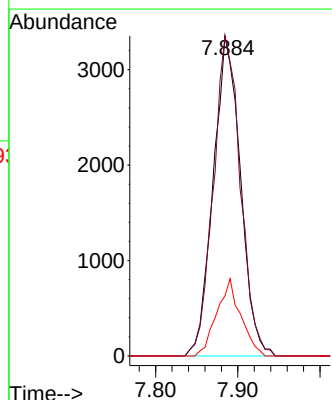
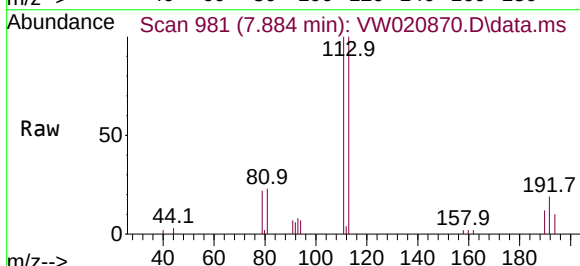
RT: 7.884 min Scan# 981

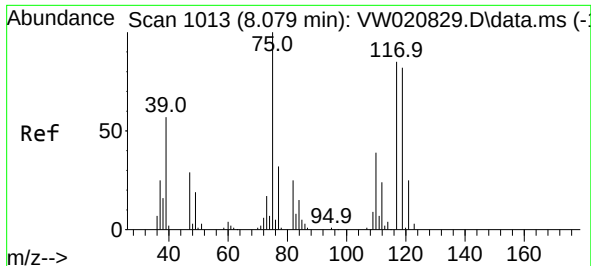
Delta R.T. -0.000 min

Lab File: VW020870.D

Acq: 12 Nov 2021 22:00

Tgt Ion:113	Resp:	7712
Ion	Ratio	Lower Upper
113	100	
111	99.7	82.1 123.1
192	21.2	17.8 26.8





#36

1,1-Dichloropropene

Concen: 4.966 ug/l

RT: 7.951 min Scan# 992

Delta R.T. -0.128 min

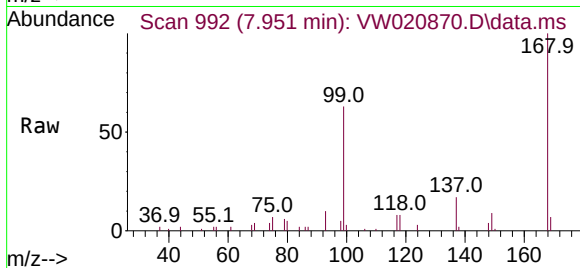
Lab File: VW020870.D

Acq: 12 Nov 2021 22:00

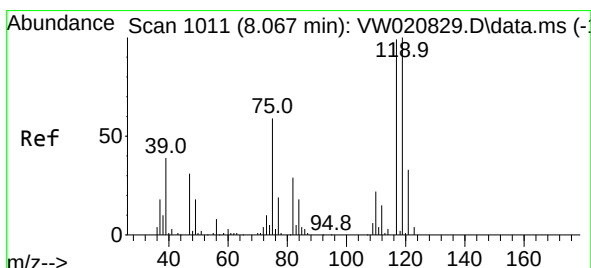
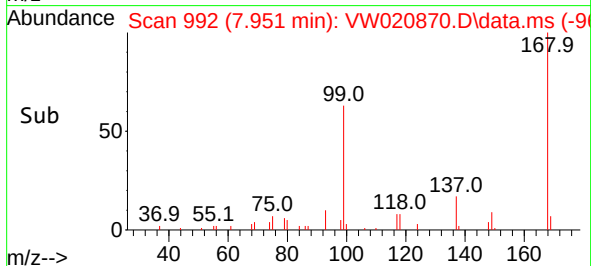
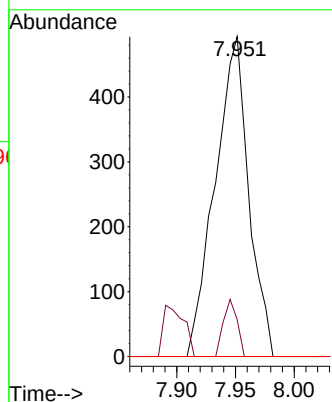
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	75	Resp:	981
Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 6.849 ug/l

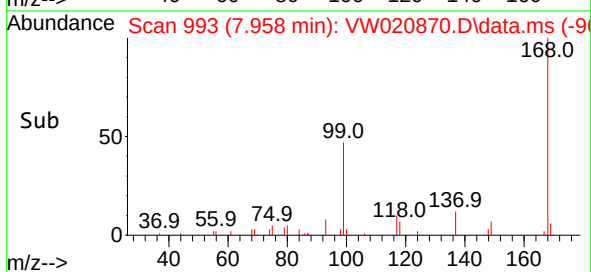
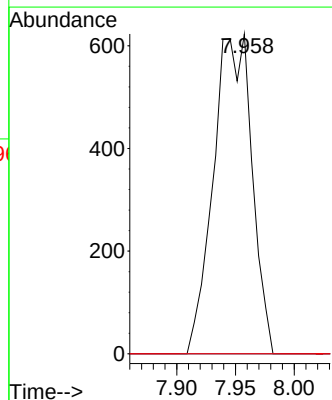
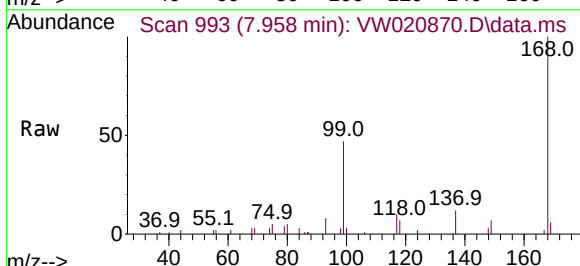
RT: 7.958 min Scan# 993

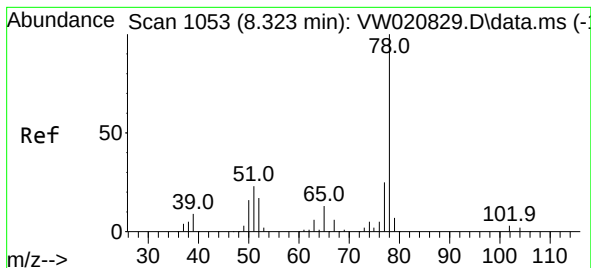
Delta R.T. -0.110 min

Lab File: VW020870.D

Acq: 12 Nov 2021 22:00

Tgt Ion:	117	Resp:	1417
Ion	Ratio	Lower	Upper
117	100		
119	0.0	72.9	109.3#
121	0.0	23.4	35.0#





#40

Benzene

Concen: 6.389 ug/l

RT: 8.409 min Scan# 1067

Delta R.T. 0.085 min

Lab File: VW020870.D

Acq: 12 Nov 2021 22:00

Instrument :

MSVOA_W

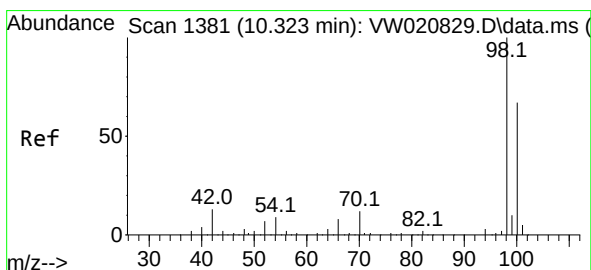
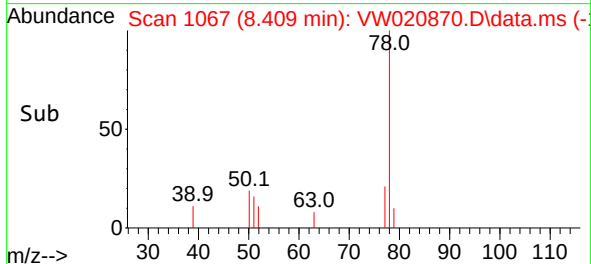
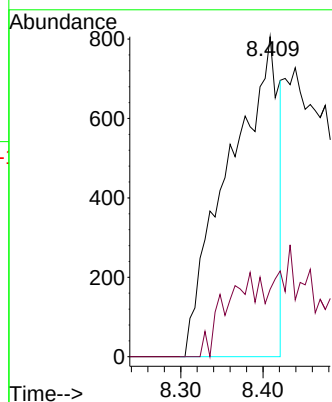
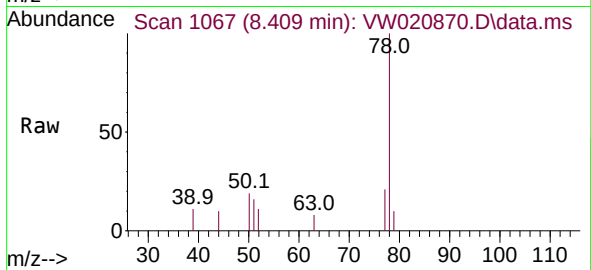
ClientSampleId :

Tgt Ion: 78 Resp: 3378

Ion Ratio Lower Upper

78 100

77 21.1 19.0 28.6



#50

Toluene-d8

Concen: 48.435 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VW020870.D

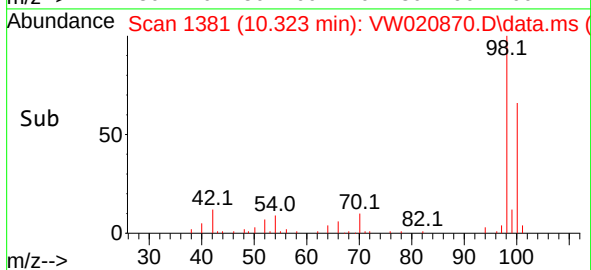
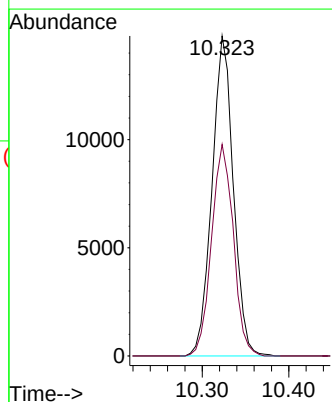
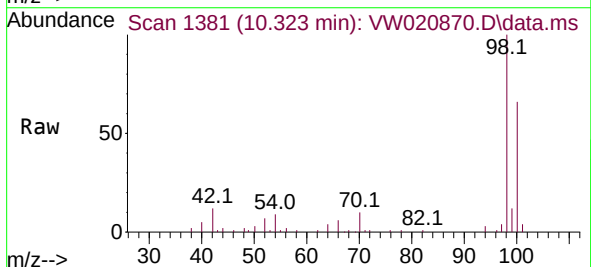
Acq: 12 Nov 2021 22:00

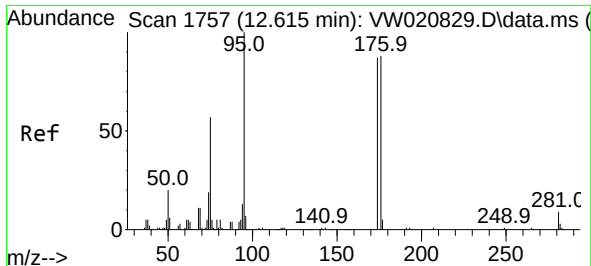
Tgt Ion: 98 Resp: 25318

Ion Ratio Lower Upper

98 100

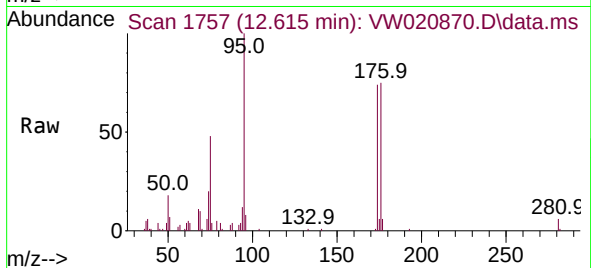
100 67.4 53.2 79.8



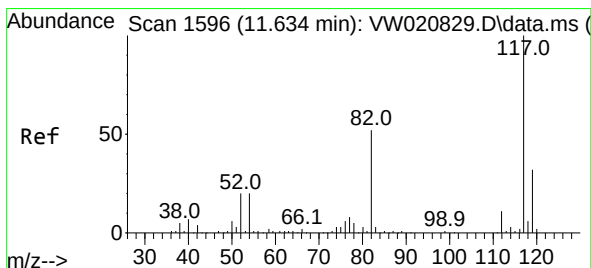
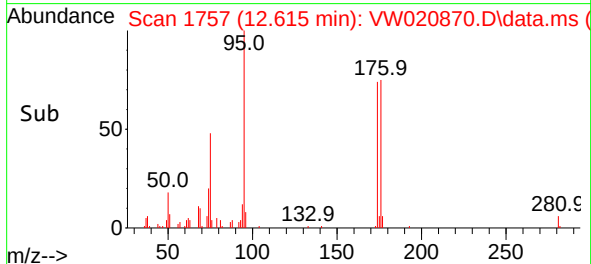
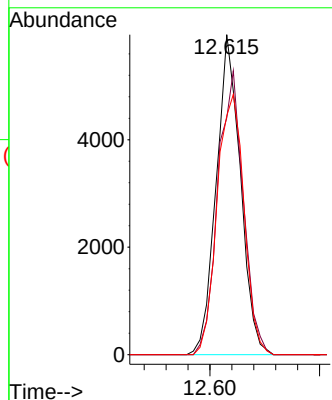


#62
4-Bromofluorobenzene
Concen: 48.311 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

Instrument :
MSVOA_W
ClientSampleId :

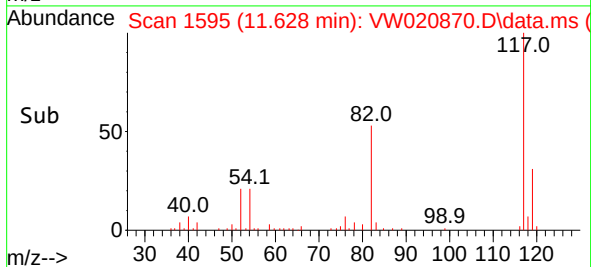
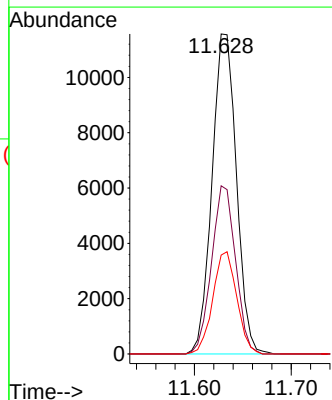
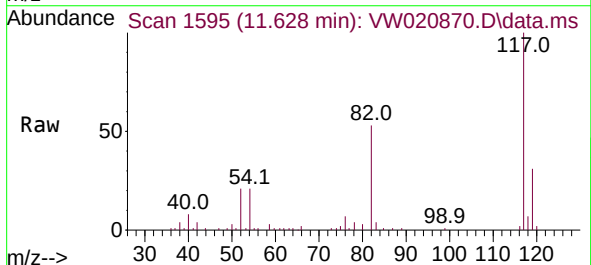


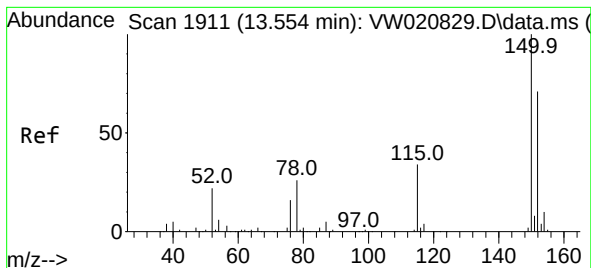
Tgt Ion: 95 Resp: 9111
Ion Ratio Lower Upper
95 100
174 93.1 0.0 166.4
176 90.3 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

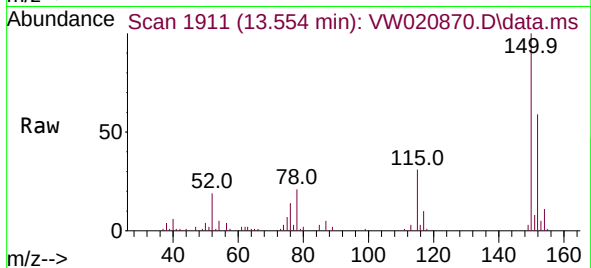
Tgt Ion: 117 Resp: 20281
Ion Ratio Lower Upper
117 100
82 52.6 45.6 68.4
119 30.9 25.0 37.4



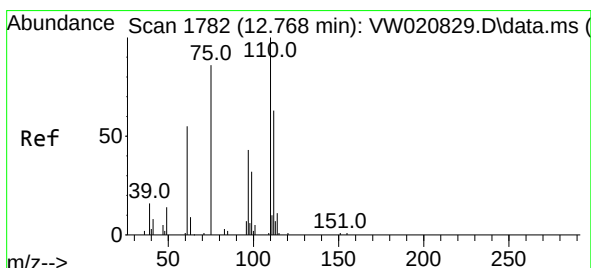
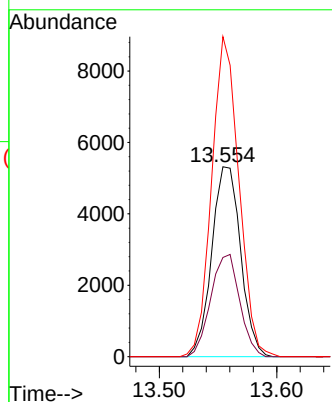
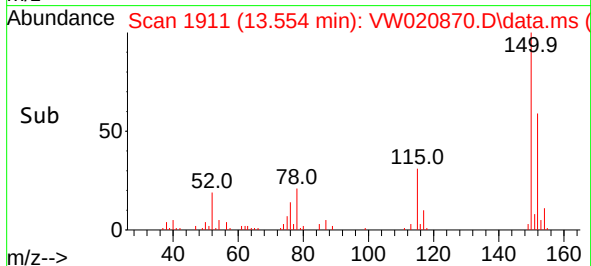


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

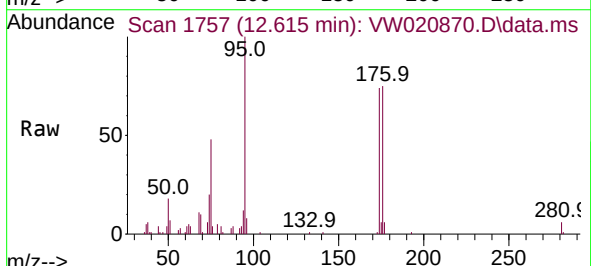
Instrument :
MSVOA_W
ClientSampleId :



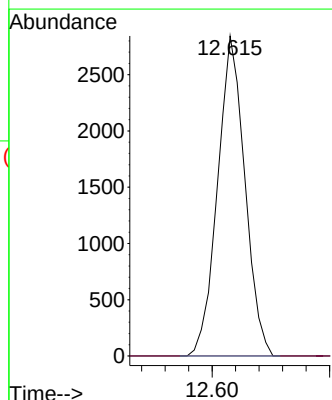
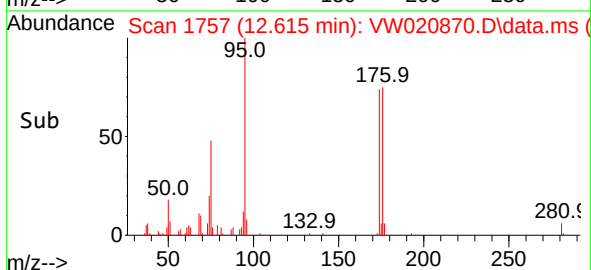
Tgt Ion:152 Resp: 9079
Ion Ratio Lower Upper
152 100
115 53.9 29.6 88.9
150 158.9 0.0 352.6

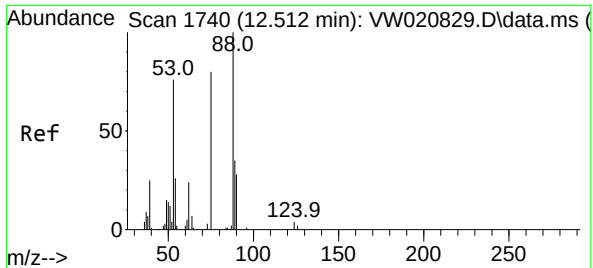


#76
1,2,3-Trichloropropane
Concen: 65.710 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00



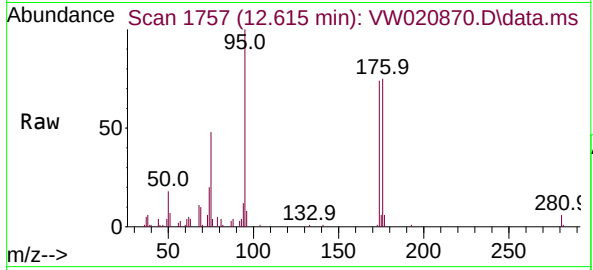
Tgt Ion: 75 Resp: 4587
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.345 ug/l
 RT: 12.615 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW020870.D
 Acq: 12 Nov 2021 22:00

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	4587
Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.7	125.5#
89	0.0	36.7	55.1#

