

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017642.D
 Acq On : 15 Dec 2020 18:41
 Operator : SY/VA
 Sample : L5037-02
 Misc : 5.71G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:41:44 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

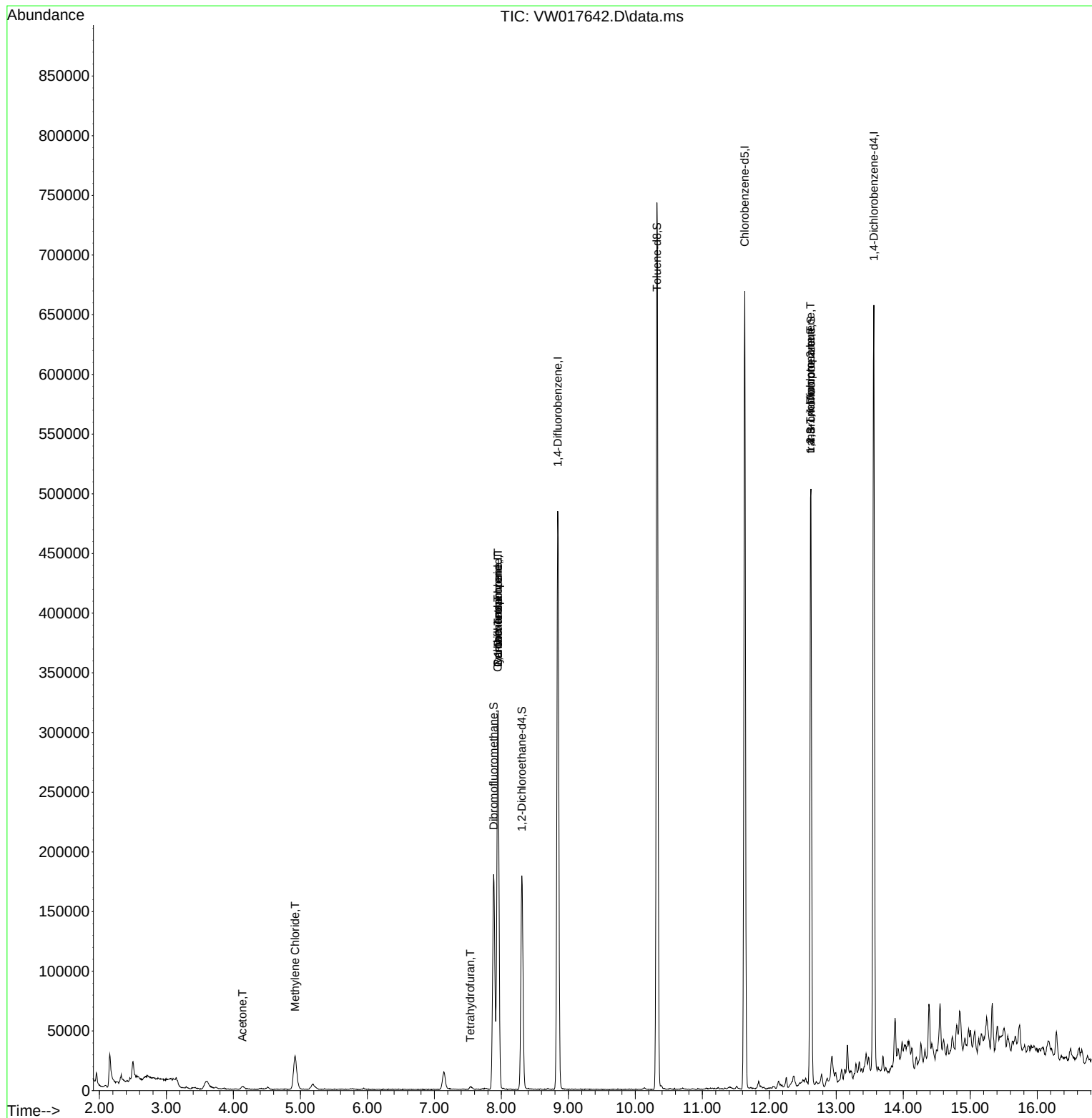
Internal Standards						
1) Pentafluorobenzene	7.952	168	225720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	400249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	342307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	158209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	143209	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.884	113	125272	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	10.323	98	487552	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	12.621	95	163864	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
Target Compounds						
						Qvalue
16) Acetone	4.135	43	4670	7.81	ug/l	99
20) Methylene Chloride	4.922	84	22138	3.44	ug/l #	83
26) 2,2-Dichloropropane	7.141	77	1159	Below Cal	#	50
29) Tetrahydrofuran	7.537	42	1741	3.89	ug/l #	62
31) Cyclohexane	7.945	56	6491	1.37	ug/l #	49
36) 1,1-Dichloropropene	7.952	75	20558	4.91	ug/l #	48
38) Carbon Tetrachloride	7.952	117	23949	5.69	ug/l #	13
76) 1,2,3-Trichloropropane	12.615	75	93079	61.12	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	93079	123.83	ug/l #	11

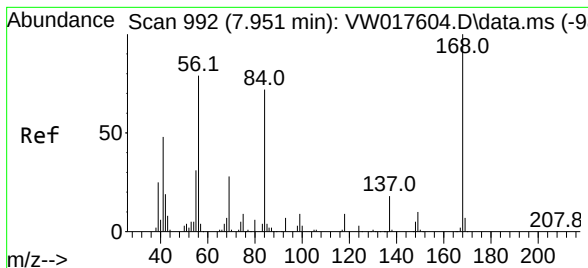
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 02:41:44 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration

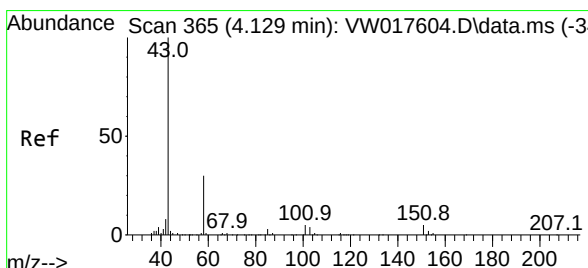
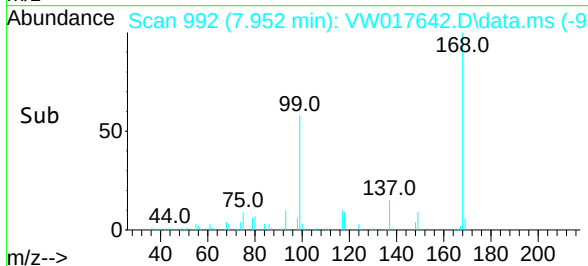
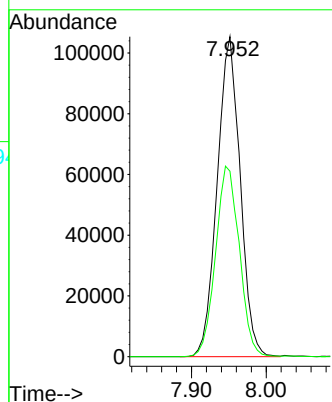
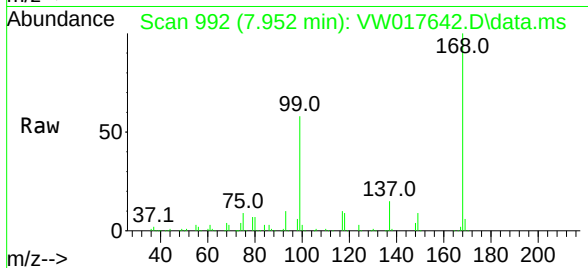




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017642.D
Acq: 15 Dec 2020 18:41

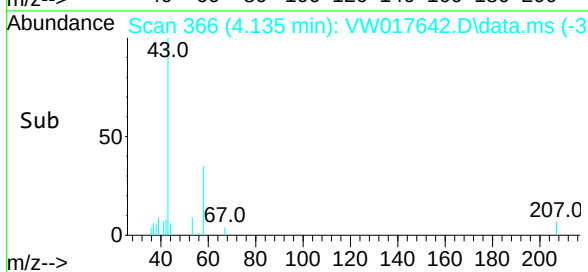
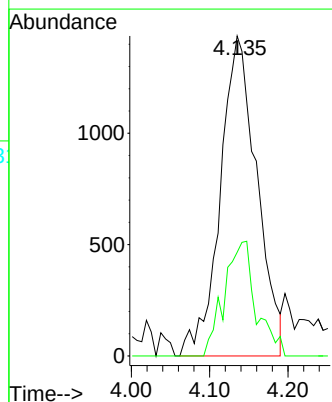
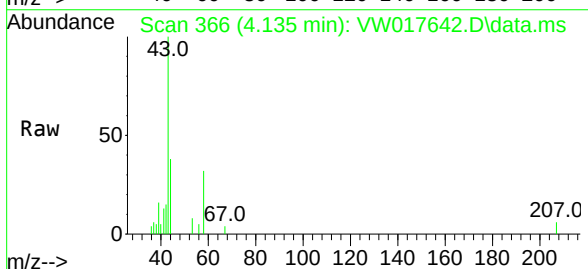
Instrument :
MSVOA_W
ClientSampleId :

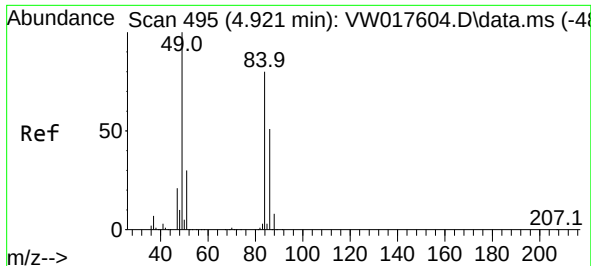
Tgt Ion:168 Resp: 225720
Ion Ratio Lower Upper
168 100
99 58.0 40.7 61.1



#16
Acetone
Concen: 7.81 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017642.D
Acq: 15 Dec 2020 18:41

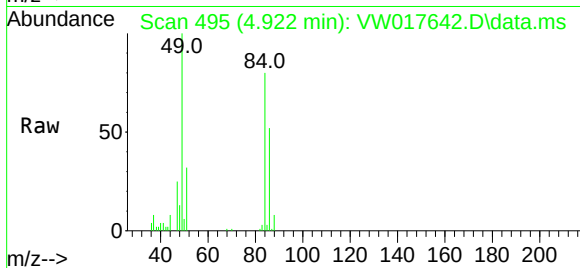
Tgt Ion: 43 Resp: 4670
Ion Ratio Lower Upper
43 100
58 32.4 25.7 38.5



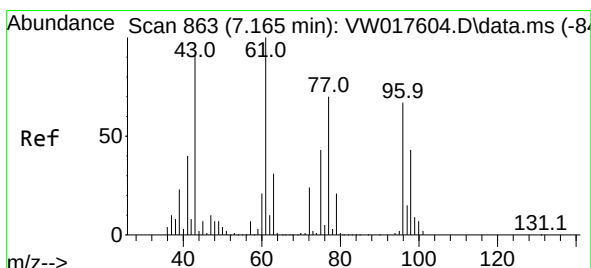
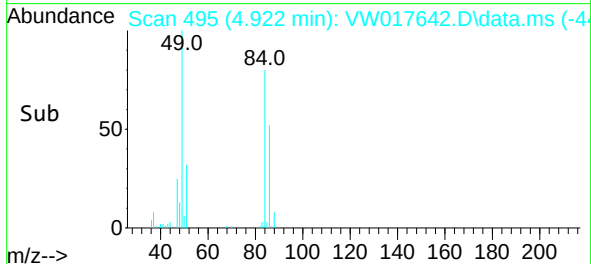
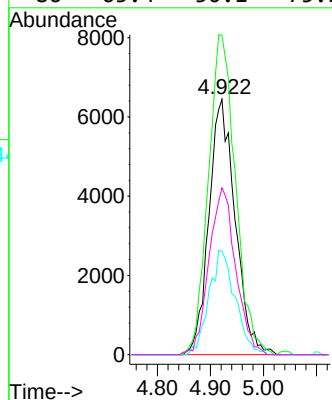


#20
Methylene Chloride
Concen: 3.44 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017642.D
Acq: 15 Dec 2020 18:41

Instrument :
MSVOA_W
ClientSampleId :

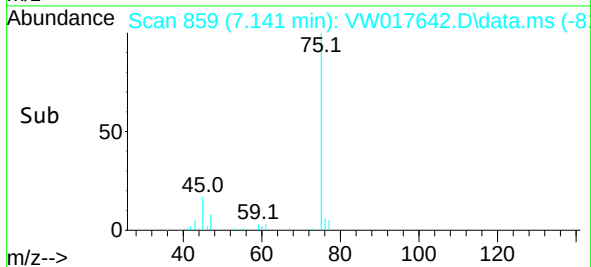
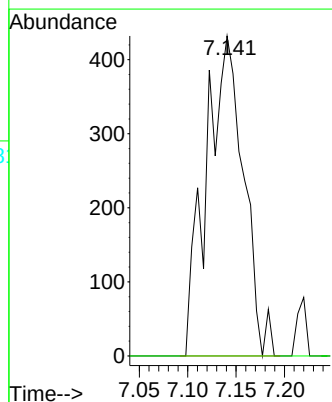
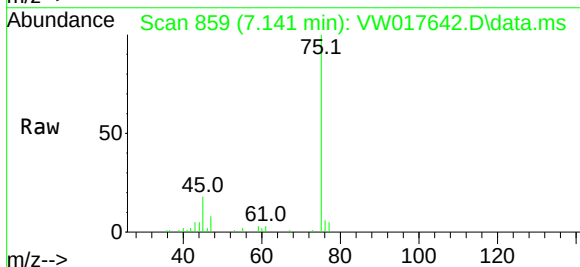


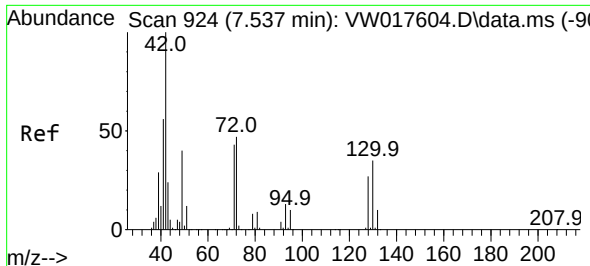
Tgt Ion: 84 Resp: 22138
Ion Ratio Lower Upper
84 100
49 125.0 79.0 118.6#
51 40.5 26.1 39.1#
86 65.4 50.1 75.1



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017642.D
Acq: 15 Dec 2020 18:41

Tgt Ion: 77 Resp: 1159
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 3.89 ug/l

RT: 7.537 min Scan# 924

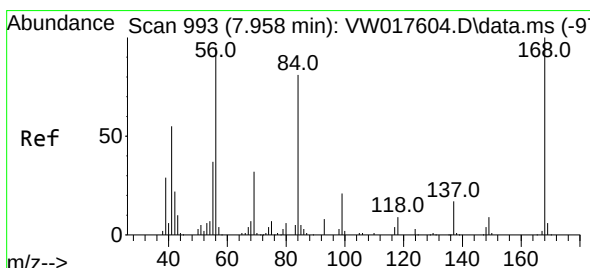
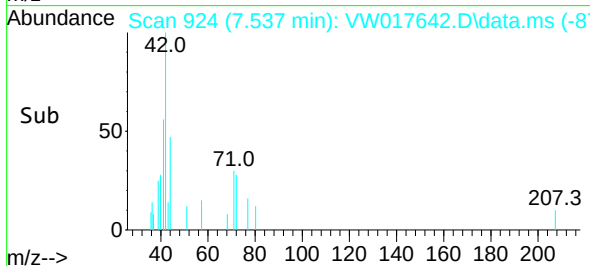
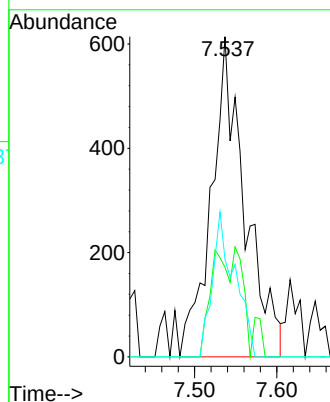
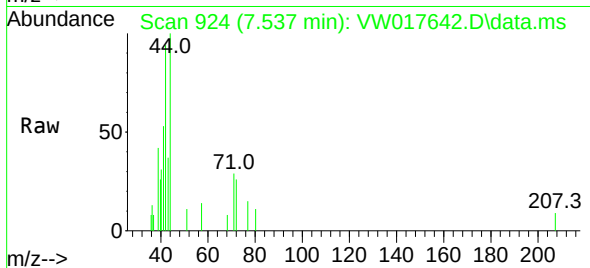
Delta R.T. -0.000 min

Lab File: VW017642.D

Acq: 15 Dec 2020 18:41

Tgt Ion:	42	Resp:	1741
Ion	Ratio	Lower	Upper
42	100		
72	18.9	42.0	63.0#
71	30.2	39.0	58.6#

Instrument :
MSVOA_W
ClientSampleId :



#31

Cyclohexane

Concen: 1.37 ug/l

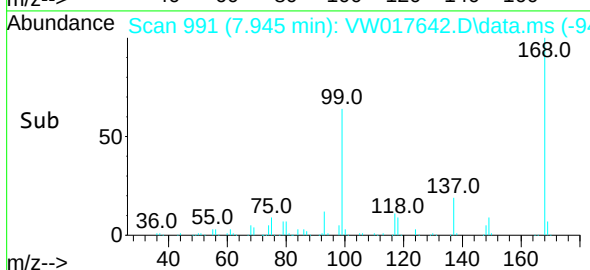
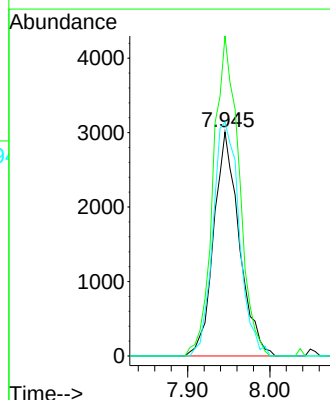
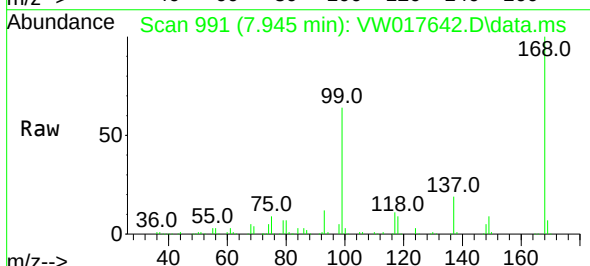
RT: 7.945 min Scan# 991

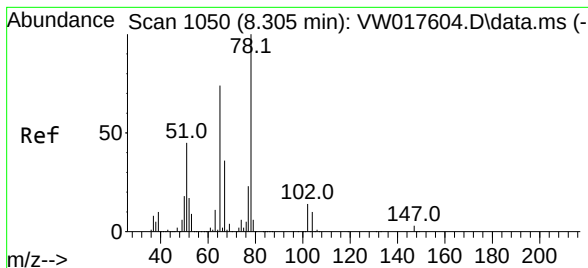
Delta R.T. -0.013 min

Lab File: VW017642.D

Acq: 15 Dec 2020 18:41

Tgt Ion:	56	Resp:	6491
Ion	Ratio	Lower	Upper
56	100		
69	142.9	29.3	43.9#
84	104.5	80.5	120.7

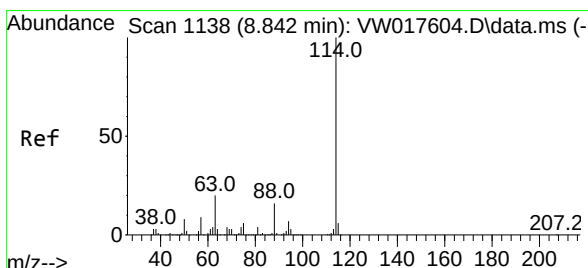
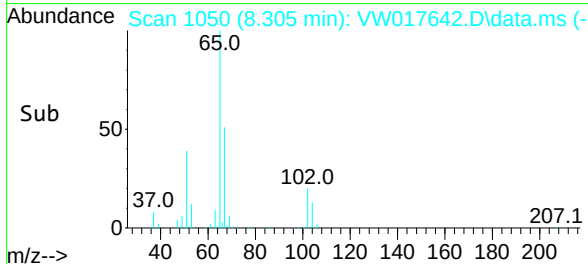
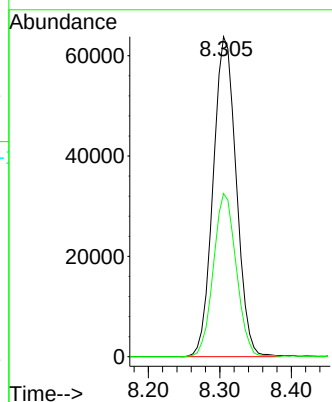
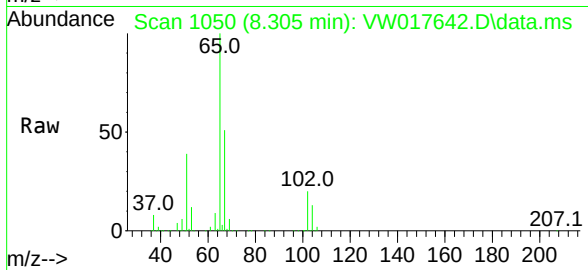




#33
 1,2-Dichloroethane-d4
 Concen: 52.09 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017642.D
 Acq: 15 Dec 2020 18:41

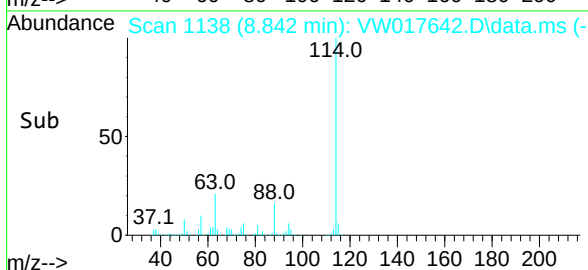
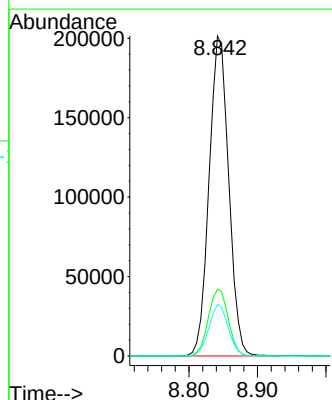
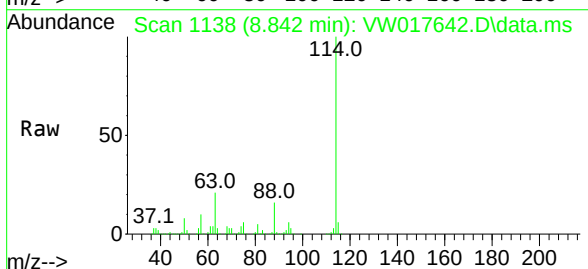
Instrument :
 MSVOA_W
 ClientSampleId :

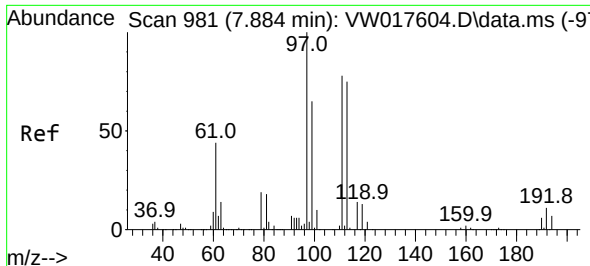
Tgt Ion: 65 Resp: 143209
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017642.D
 Acq: 15 Dec 2020 18:41

Tgt Ion: 114 Resp: 400249
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 35.6
 88 16.1 0.0 30.4

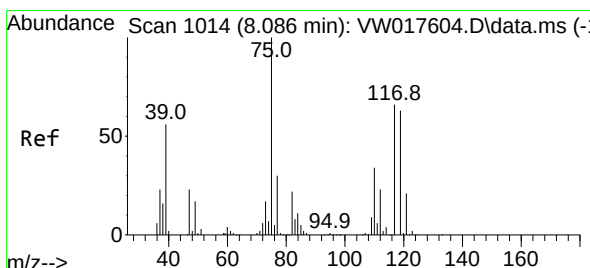
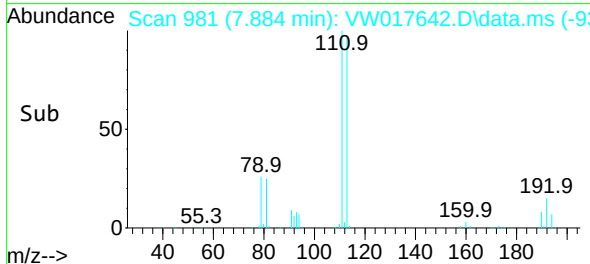
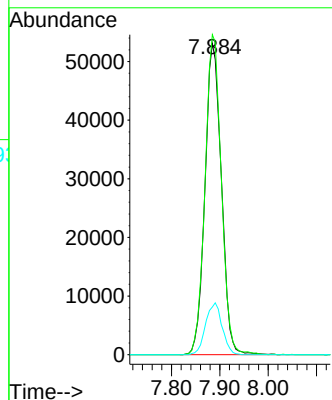
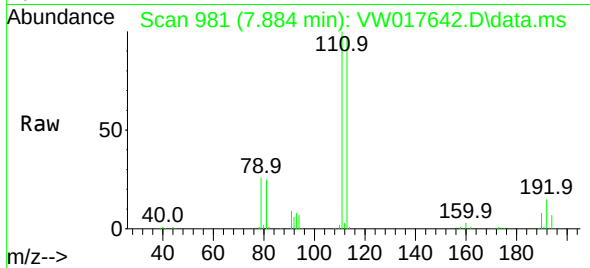




#35
Dibromofluoromethane
Concen: 47.30 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017642.D
Acq: 15 Dec 2020 18:41

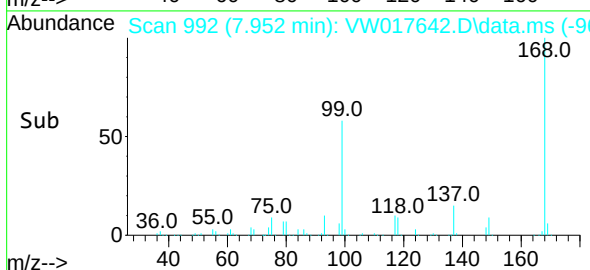
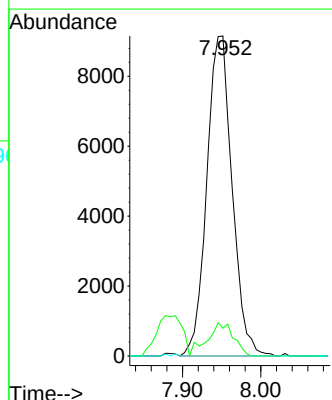
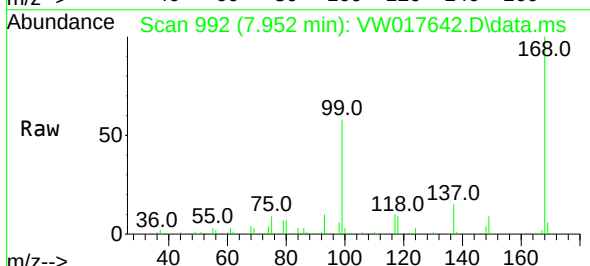
Instrument :
MSVOA_W
ClientSampleId :

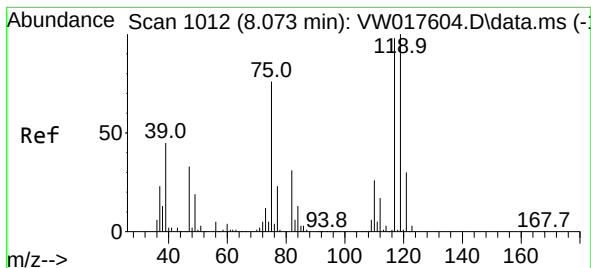
Tgt Ion:113 Resp: 125272
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 16.8 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW017642.D
Acq: 15 Dec 2020 18:41

Tgt Ion: 75 Resp: 20558
Ion Ratio Lower Upper
75 100
110 9.5 19.3 57.9#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.69 ug/l

RT: 7.952 min Scan# 992

Delta R.T. -0.121 min

Lab File: VW017642.D

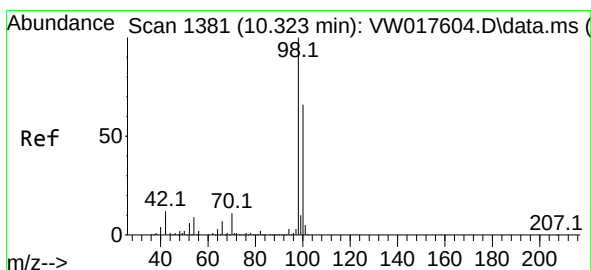
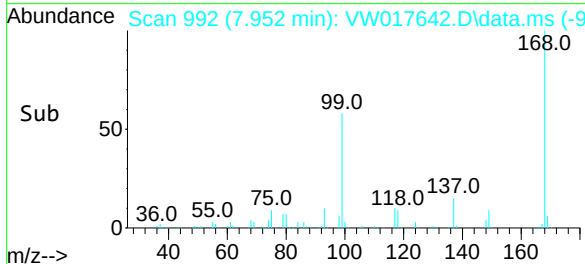
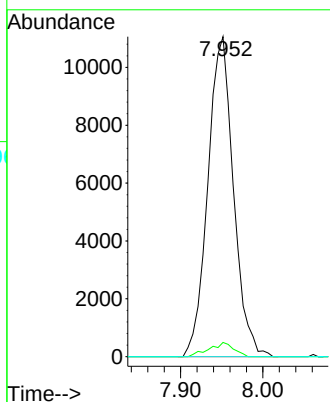
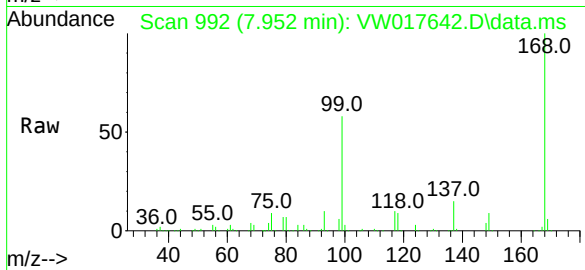
Acq: 15 Dec 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:117	Resp:	23949
Ion	Ratio	Lower Upper
117	100	
119	4.4	81.6 122.4#
121	0.0	25.7 38.5#



#50

Toluene-d8

Concen: 47.28 ug/l

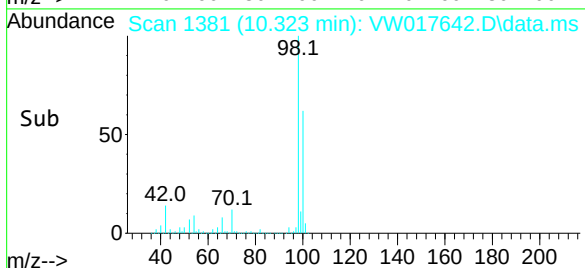
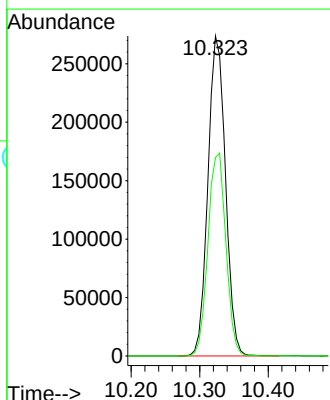
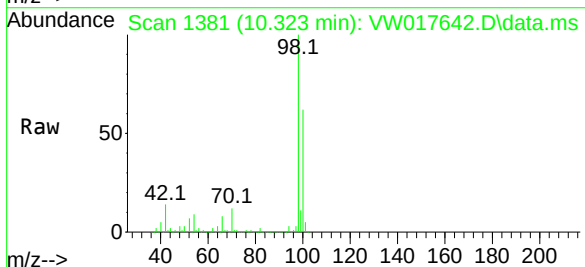
RT: 10.323 min Scan# 1381

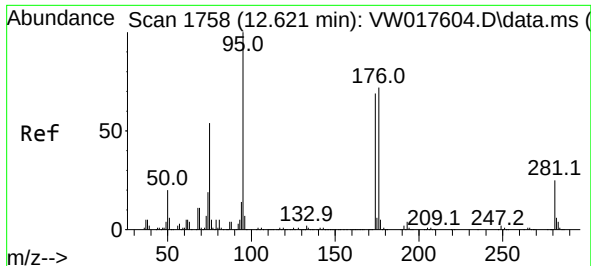
Delta R.T. 0.000 min

Lab File: VW017642.D

Acq: 15 Dec 2020 18:41

Tgt Ion: 98	Resp:	487552
Ion	Ratio	Lower Upper
98	100	
100	65.0	53.3 79.9

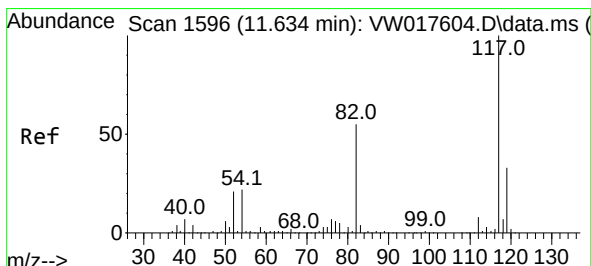
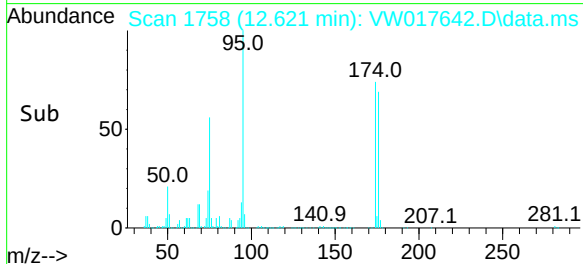
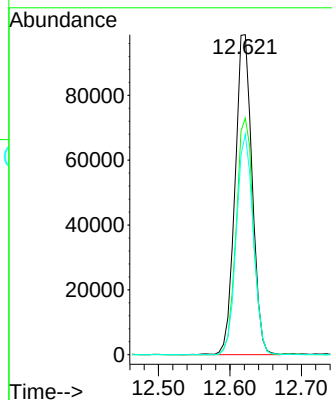
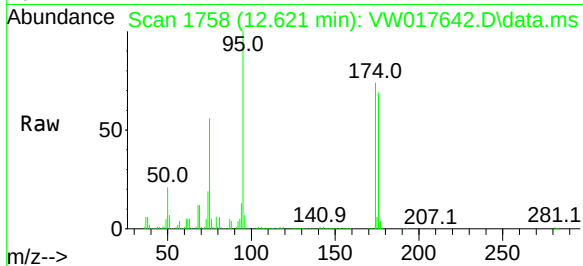




#62
4-Bromofluorobenzene
Concen: 44.51 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017642.D
Acq: 15 Dec 2020 18:41

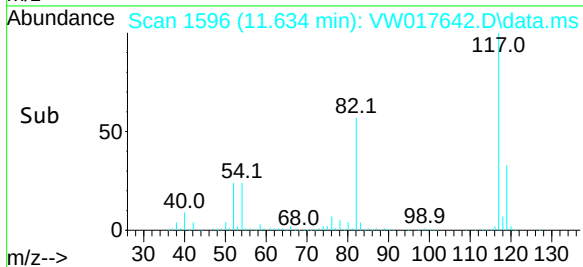
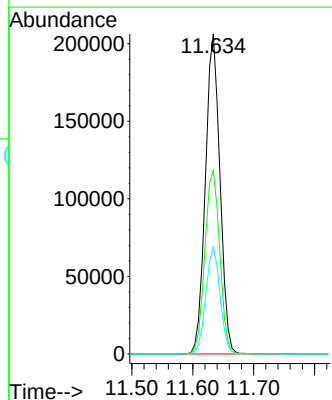
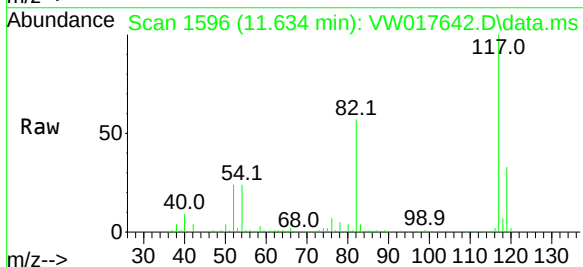
Instrument :
MSVOA_W
ClientSampleId :

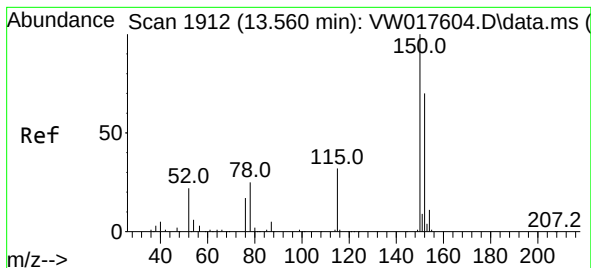
Tgt Ion: 95 Resp: 163864
Ion Ratio Lower Upper
95 100
174 73.7 0.0 180.6
176 68.0 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017642.D
Acq: 15 Dec 2020 18:41

Tgt Ion: 117 Resp: 342307
Ion Ratio Lower Upper
117 100
82 57.3 40.7 61.1
119 33.4 25.0 37.4

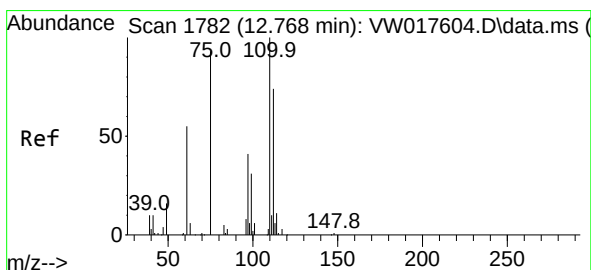
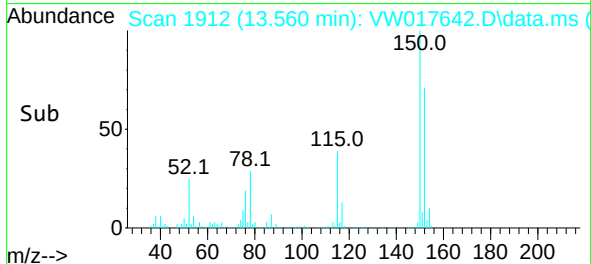
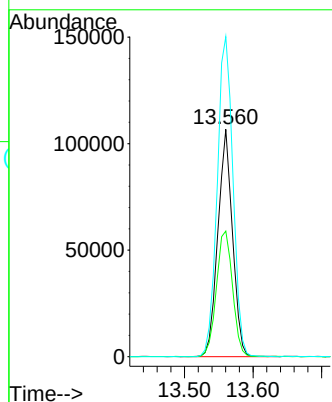
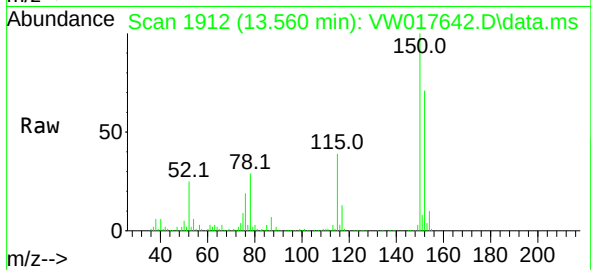




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017642.D
Acq: 15 Dec 2020 18:41

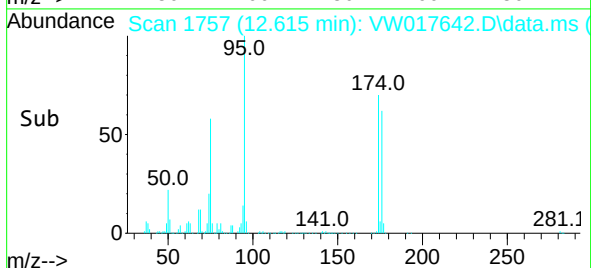
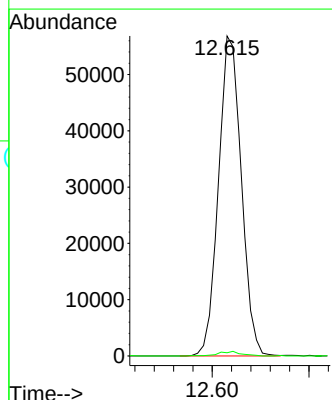
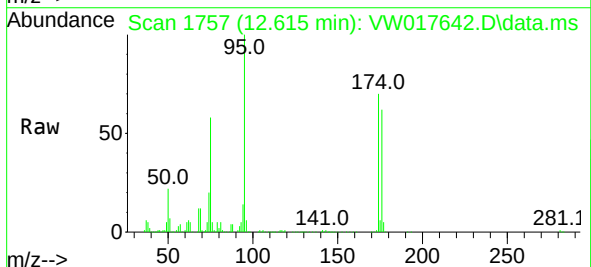
Instrument :
MSVOA_W
ClientSampleId :

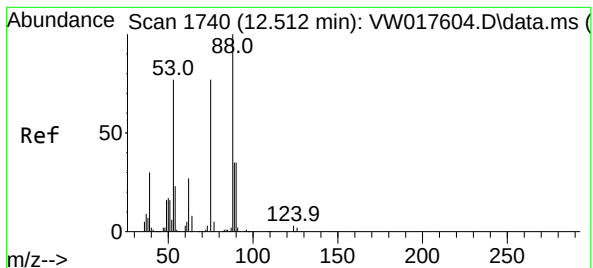
Tgt Ion:152 Resp: 158209
Ion Ratio Lower Upper
152 100
115 61.1 27.9 83.7
150 151.3 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 61.12 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017642.D
Acq: 15 Dec 2020 18:41

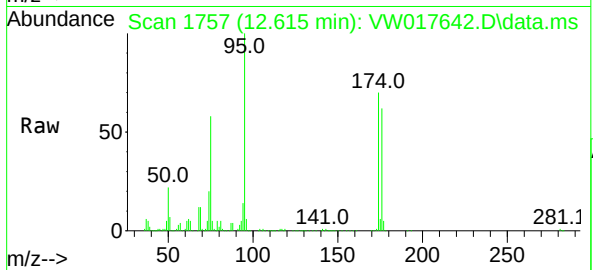
Tgt Ion: 75 Resp: 93079
Ion Ratio Lower Upper
75 100
77 1.4 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.83 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW017642.D
 Acq: 15 Dec 2020 18:41

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.0	115.4#
89	0.0	38.7	58.1#

