

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018152.D
 Acq On : 16 Feb 2021 11:03
 Operator : SY/VA
 Sample : M1370-21MS
 Misc : 6.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ8MS

Quant Time: Feb 17 01:03:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

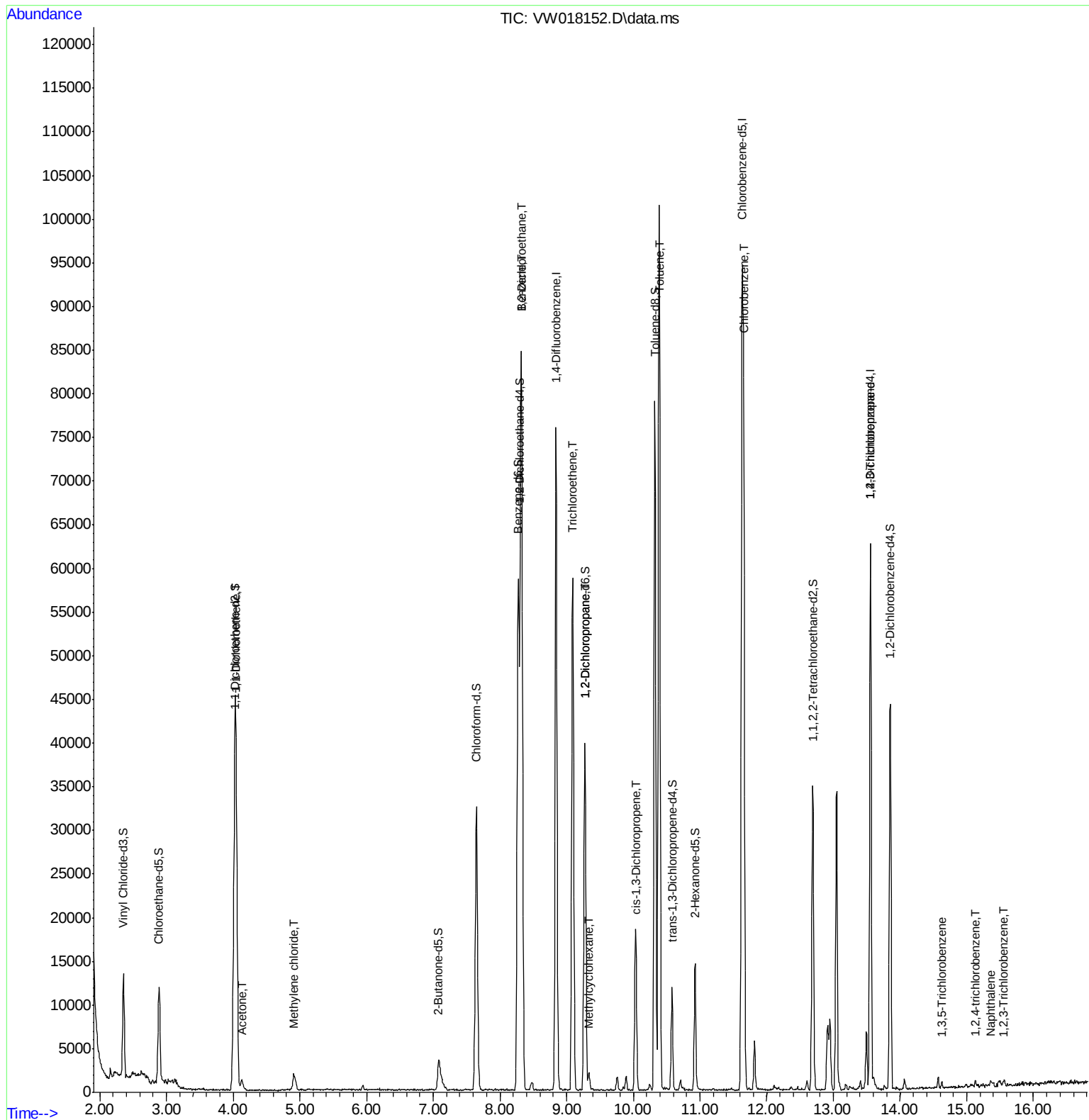
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	67860	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	52130	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	17783	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	11709	13.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.52%		
7) Chloroethane-d5	2.885	69	12761	19.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.24%		
10) 1,1-Dichloroethene-d2	4.019	63	30565	18.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.52%		
20) 2-Butanone-d5	7.080	46	6371	28.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	56.62%		
24) Chloroform-d	7.647	84	34327	19.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.12%		
26) 1,2-Dichloroethane-d4	8.305	65	17079	18.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	72.04%		
29) Benzene-d6	8.275	84	63758	22.27	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.08%		
33) 1,2-Dichloropropane-d6	9.275	67	18705	23.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.48%		
37) Toluene-d8	10.323	98	53638	19.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.76%		
38) trans-1,3-Dichloroprop...	10.579	79	6407	17.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.60%		
39) 2-Hexanone-d5	10.927	63	5407	35.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	70.66%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	13949	19.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.36%		
61) 1,2-Dichlorobenzene-d4	13.853	152	13814	21.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.12%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.044	96	19224	21.20	ug/L	81
13) Acetone	4.129	43	2169	13.03	ug/L	52
16) Methylene chloride	4.909	84	1406	1.29	ug/L	92
27) 1,2-Dichloroethane	8.323	62	595	0.54	ug/L #	73
34) Benzene	8.323	78	77659	25.49	ug/L	100
35) Trichloroethene	9.092	95	20276	23.62	ug/L	96
36) Methylcyclohexane	9.329	83	725	0.50	ug/L	88
40) 1,2-Dichloropropane	9.275	63	2182	3.12	ug/L #	84
42) cis-1,3-Dichloropropene	10.043	75	514	0.46	ug/L #	59
44) Toluene	10.390	91	79271	23.64	ug/L	98
52) Chlorobenzene	11.658	112	45412	20.56	ug/L	98
59) 1,2,3-Trichloropropane	13.554	75	1816	3.40	ug/L	100
67) 1,3,5-Trichlorobenzene	14.627	180	311	0.36	ug/L #	91
68) 1,2,4-trichlorobenzene	15.127	180	362	0.50	ug/L #	72
69) Naphthalene	15.359	128	481	0.34	ug/L	96
70) 1,2,3-Trichlorobenzene	15.548	180	308	0.48	ug/L #	16

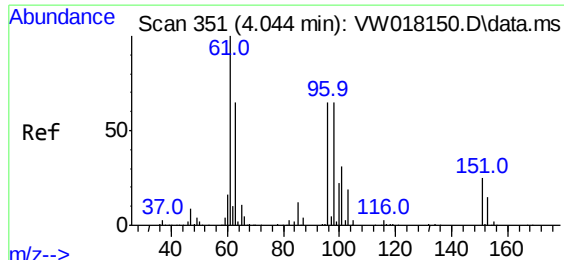
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 17 01:03:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 17 01:02:43 2021
Response via : Initial Calibration

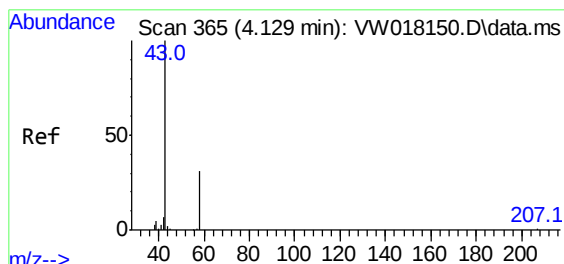
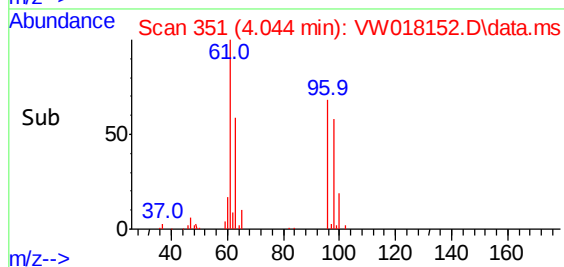
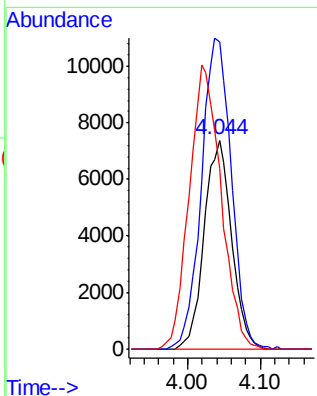
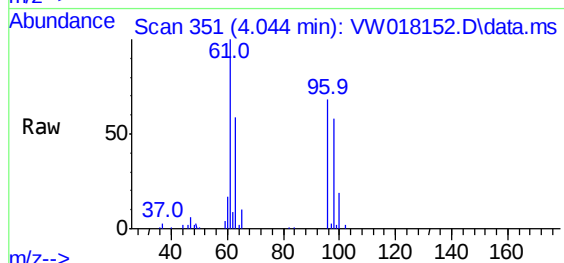




#12
1,1-Dichloroethene
Concen: 21.20 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

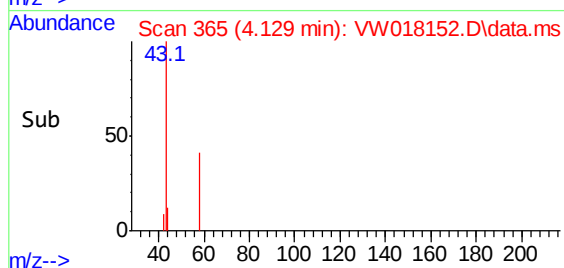
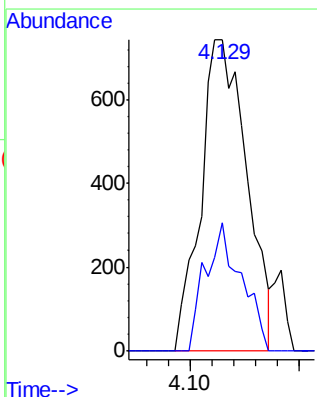
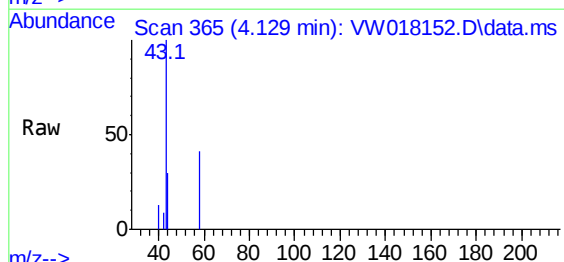
Instrument :
MSVOA_W
ClientSampleId :
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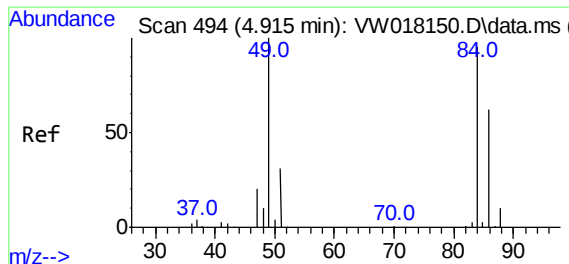
Tgt Ion: 96 Resp: 19224
Ion Ratio Lower Upper
96 100
61 146.7 112.5 208.9
63 86.2 83.1 154.3



#13
Acetone
Concen: 13.03 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

Tgt Ion: 43 Resp: 2169
Ion Ratio Lower Upper
43 100
58 6.9 0.0 68.4



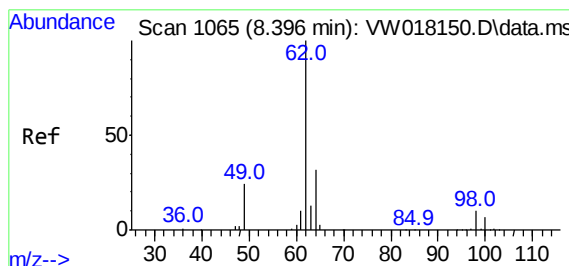
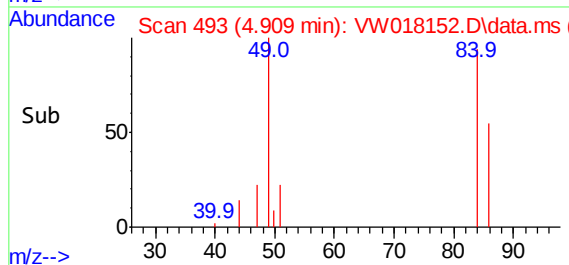
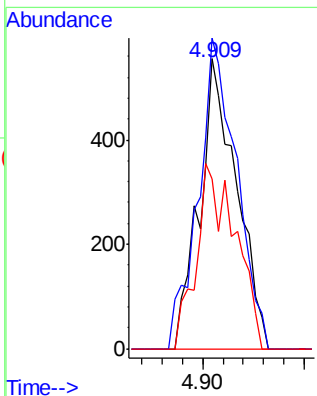
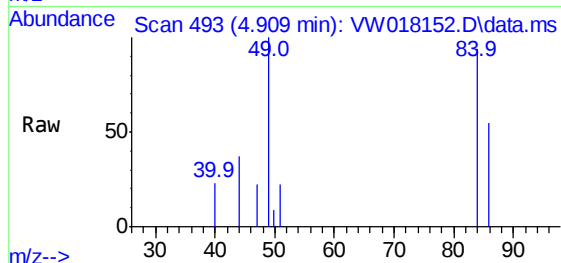


#16
Methylene chloride
Concen: 1.29 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

Instrument :
MSVOA_W
ClientSampled :
DBGZ8MS

Tgt Ion: 84 Resp: 1406

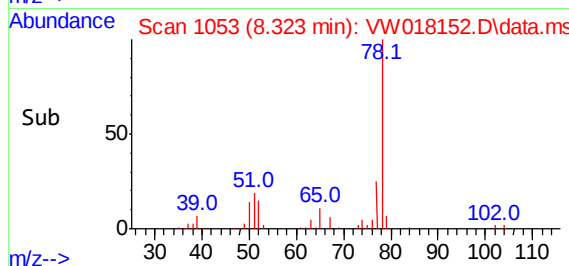
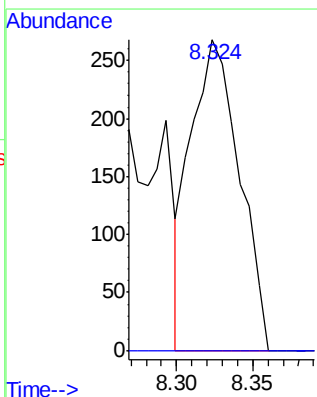
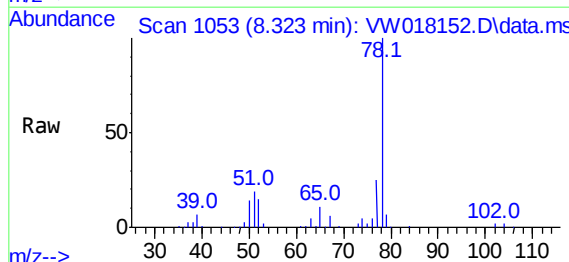
Ion	Ratio	Lower	Upper
84	100		
49	106.8	81.2	150.8
86	58.3	44.5	82.7

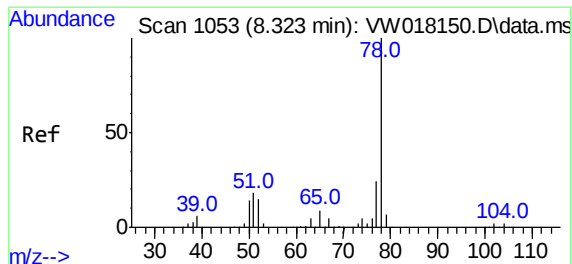


#27
1,2-Dichloroethane
Concen: 0.54 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.073 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

Tgt Ion: 62 Resp: 595

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.0	12.0#

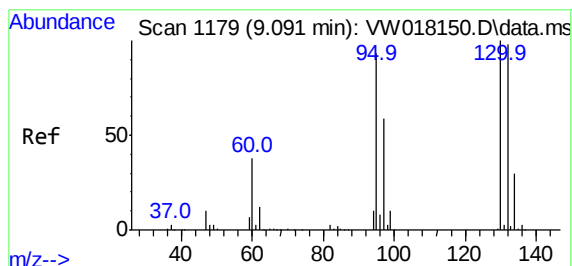
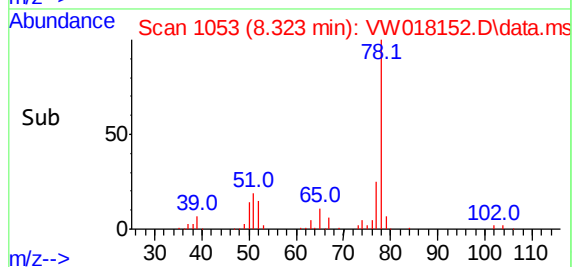
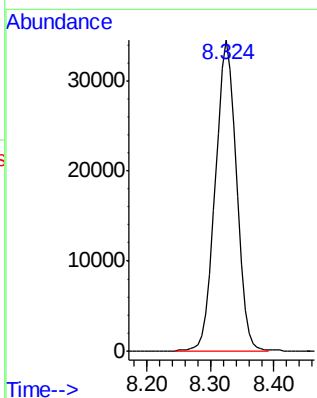
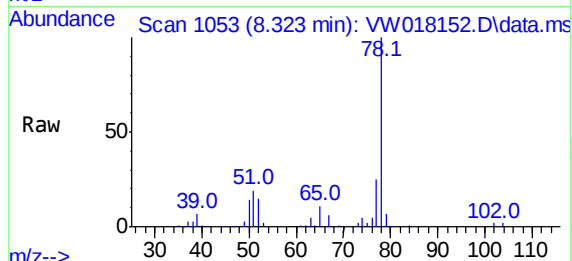




#34
Benzene
Concen: 25.49 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MS

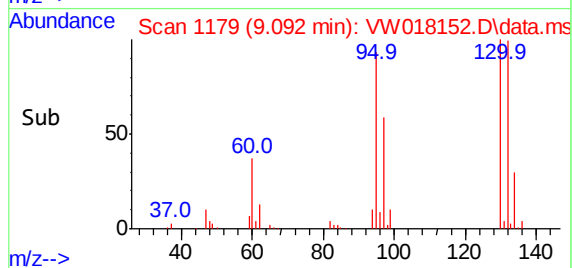
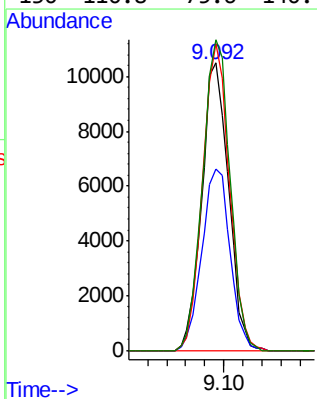
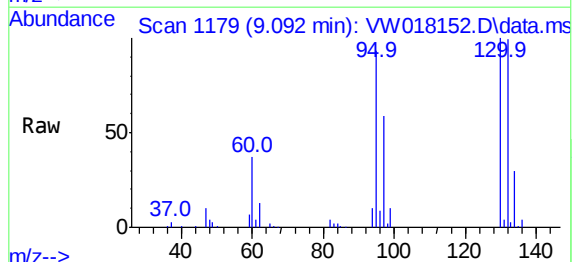
Tgt Ion: 78 Resp: 77659

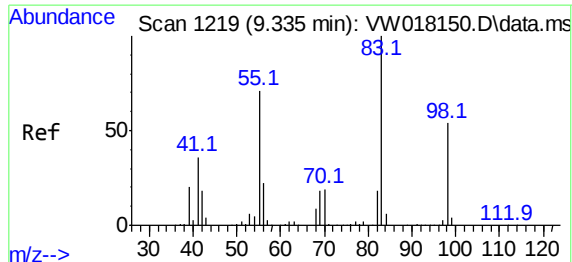


#35
Trichloroethene
Concen: 23.62 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

Tgt Ion: 95 Resp: 20276

Ion	Ratio	Lower	Upper
95	100		
97	66.4	45.0	83.6
132	106.7	71.0	131.8
130	110.8	75.6	140.4

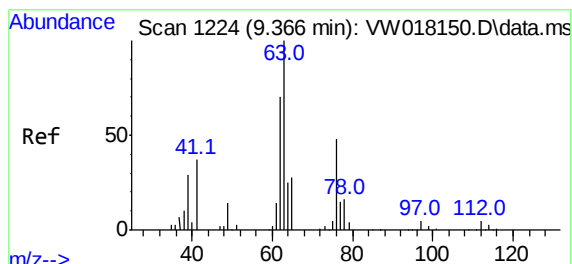
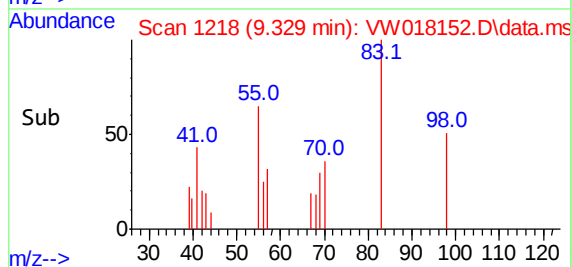
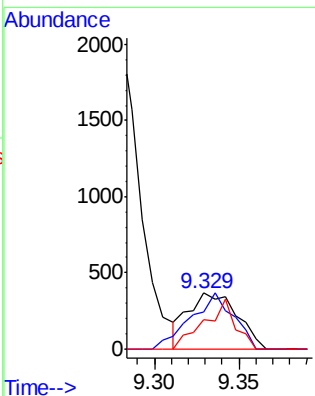
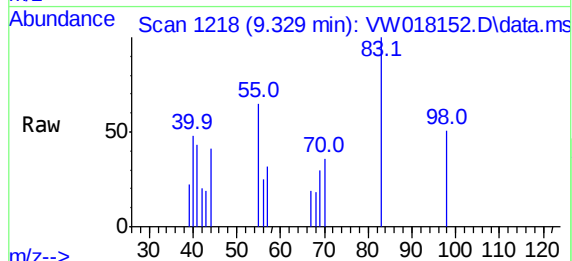




#36
Methylcyclohexane
Concen: 0.50 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

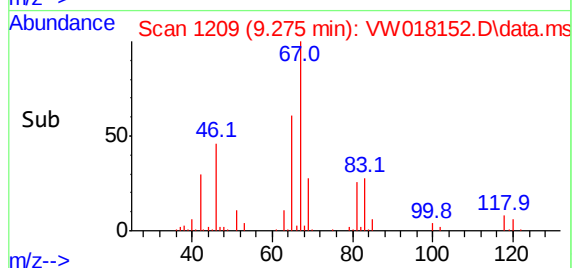
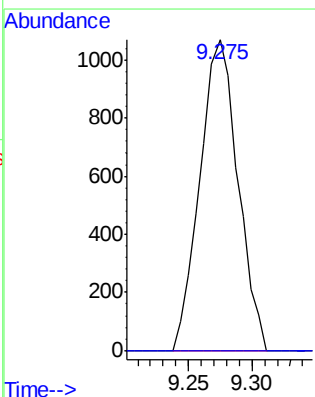
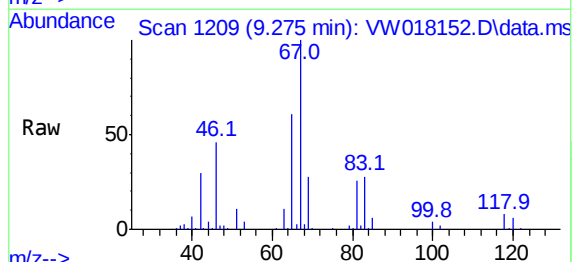
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MS

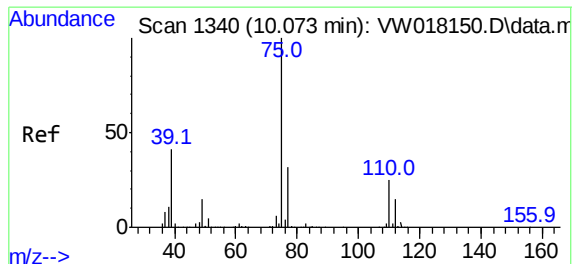
Tgt Ion: 83 Resp: 725
Ion Ratio Lower Upper
83 100
55 86.8 59.4 89.0
98 56.4 40.7 61.1



#40
1,2-Dichloropropane
Concen: 3.12 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

Tgt Ion: 63 Resp: 2182
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

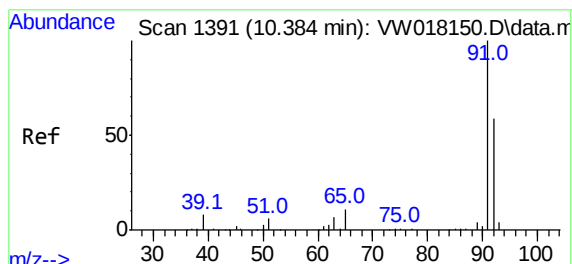
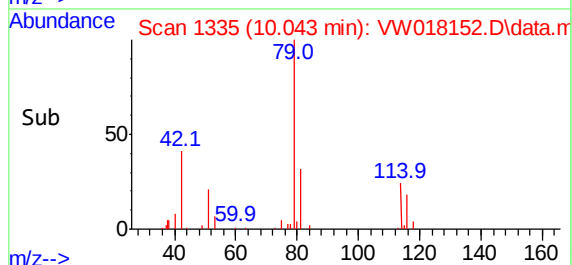
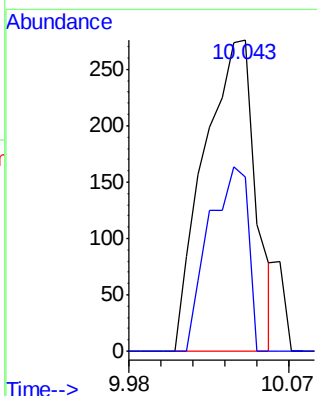
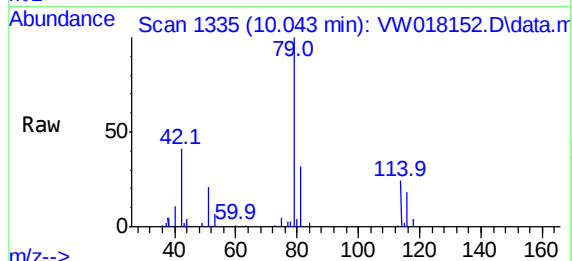




#42
cis-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

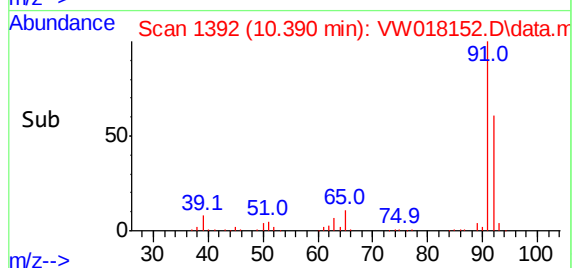
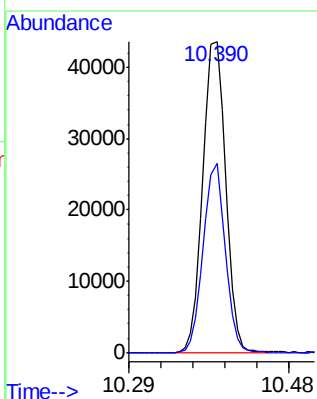
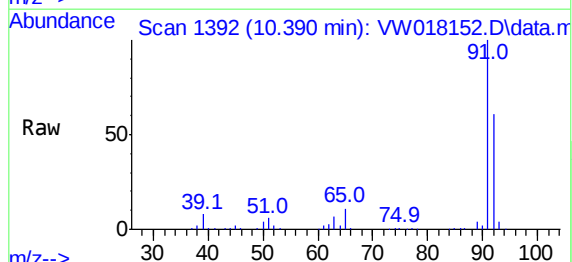
Instrument :
MSVOA_W
ClientSampleID :
DBGZ8MS

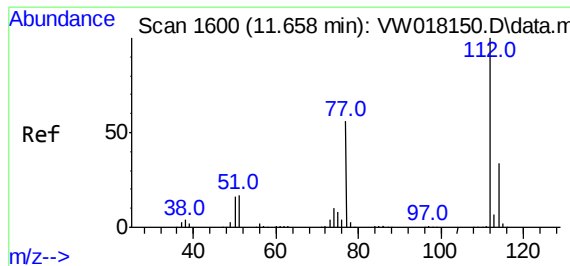
Tgt Ion: 75 Resp: 514
Ion Ratio Lower Upper
75 100
77 55.8 22.7 42.3#



#44
Toluene
Concen: 23.64 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

Tgt Ion: 91 Resp: 79271
Ion Ratio Lower Upper
91 100
92 60.8 41.6 77.3

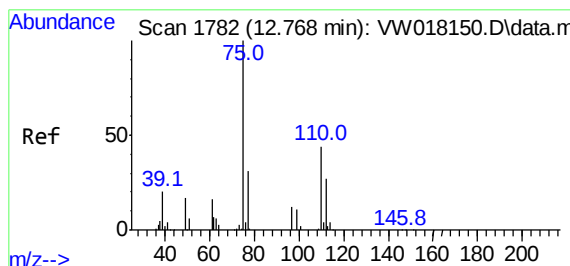
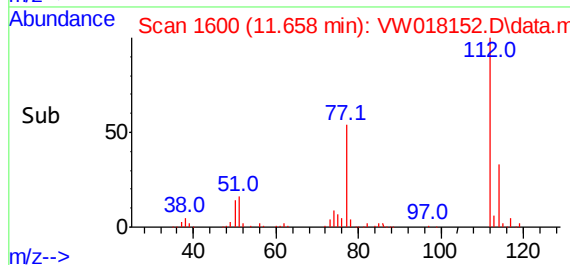
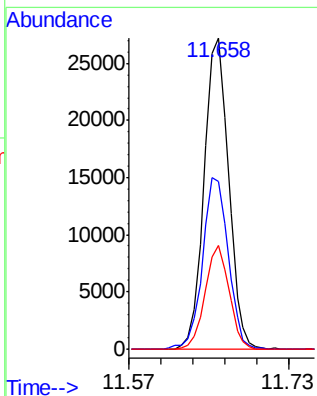
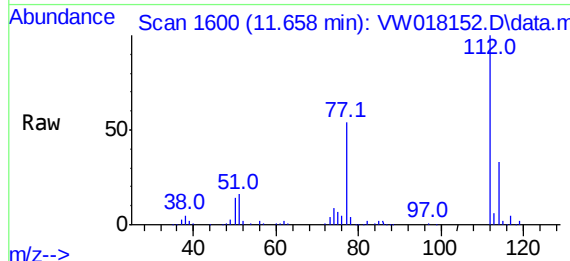




#52
Chlorobenzene
Concen: 20.56 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

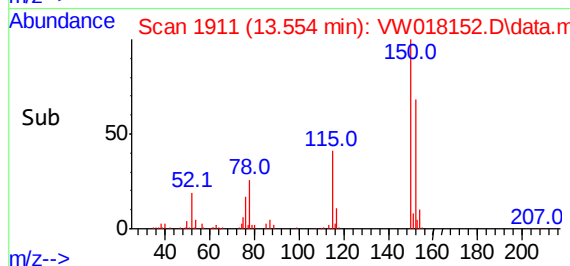
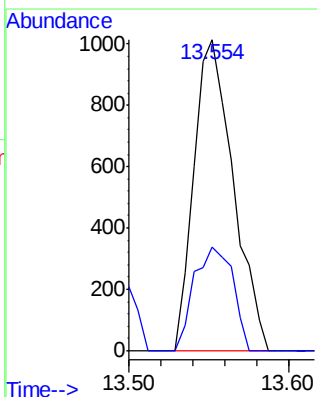
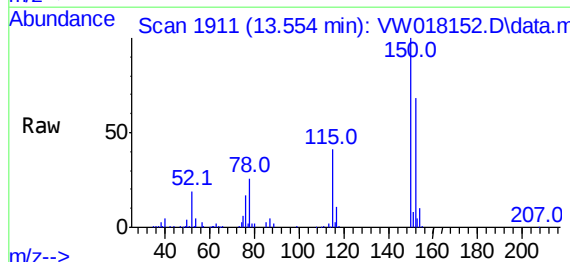
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MS

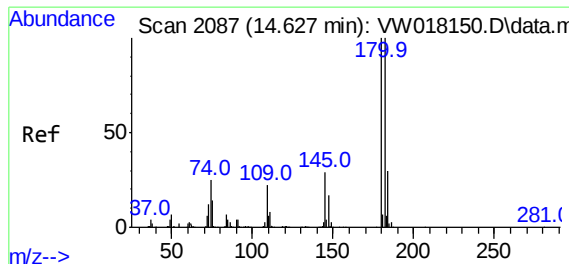
Tgt Ion:112 Resp: 45412
Ion Ratio Lower Upper
112 100
77 53.9 42.6 64.0
114 33.1 21.6 40.2



#59
1,2,3-Trichloropropane
Concen: 3.40 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

Tgt Ion: 75 Resp: 1816
Ion Ratio Lower Upper
75 100
77 33.0 26.6 39.8

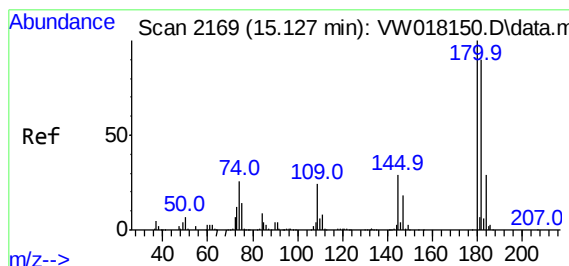
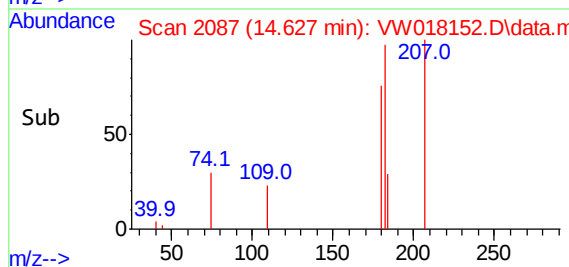
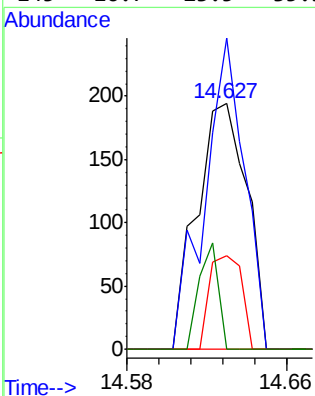
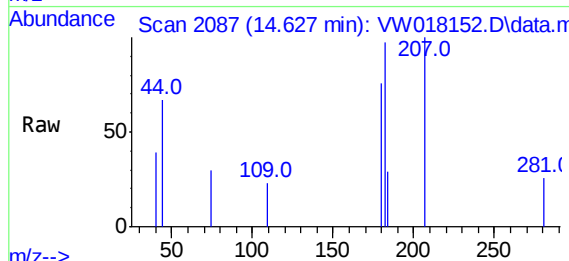




#67
 1,3,5-Trichlorobenzene
 Concen: 0.36 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW018152.D
 Acq: 16 Feb 2021 11:03

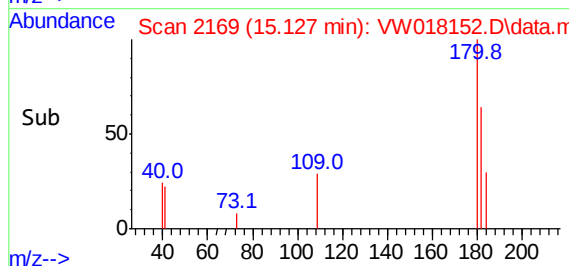
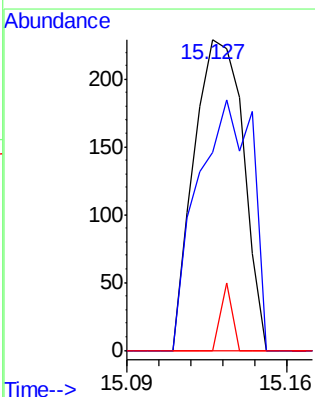
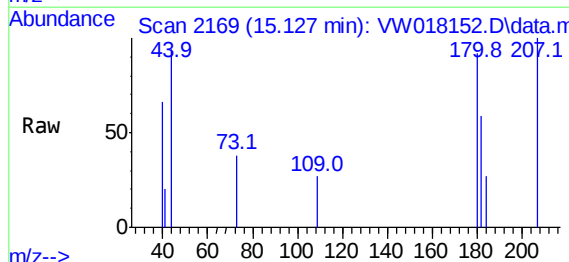
Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ8MS

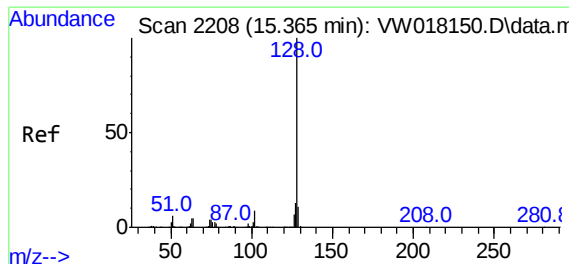
Tgt Ion:	180	Resp:	311
Ion	Ratio	Lower	Upper
180	100		
182	100.3	77.0	115.6
184	24.4	24.2	36.4
145	16.7	23.5	35.3



#68
 1,2,4-trichlorobenzene
 Concen: 0.50 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW018152.D
 Acq: 16 Feb 2021 11:03

Tgt Ion:	180	Resp:	362
Ion	Ratio	Lower	Upper
180	100		
182	71.5	71.3	106.9
145	0.0	24.0	36.0

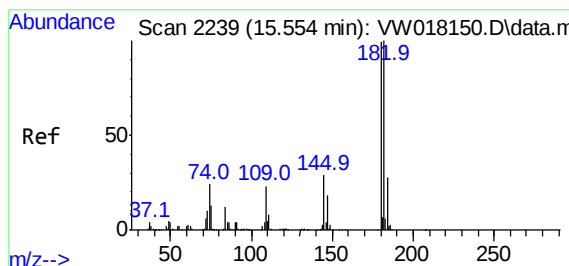
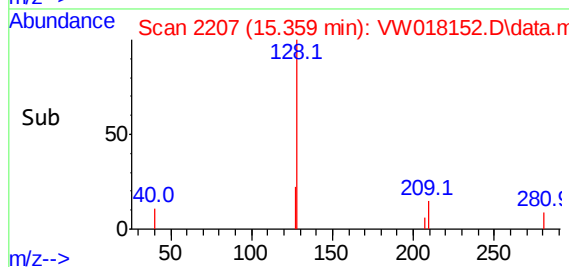
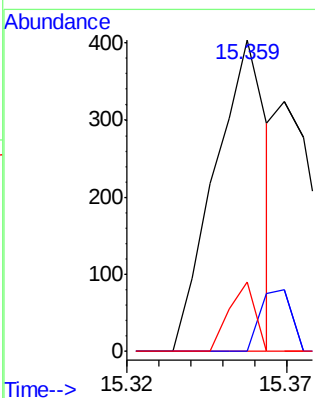
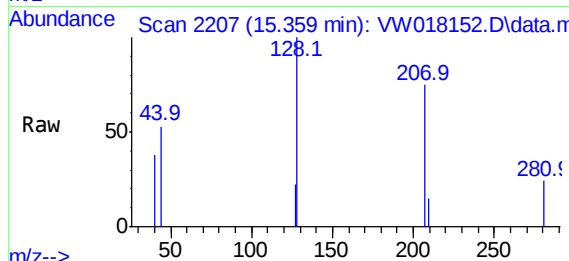




#69
Naphthalene
Concen: 0.34 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MS

Tgt Ion:	128	Resp:	481
Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.7	13.1
127	11.0	10.7	16.1



#70
1,2,3-Trichlorobenzene
Concen: 0.48 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018152.D
Acq: 16 Feb 2021 11:03

Tgt Ion:	180	Resp:	308
Ion	Ratio	Lower	Upper
180	100		
182	0.0	74.7	112.1#
145	7.1	25.4	38.0#

