

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018160.D
 Acq On : 16 Feb 2021 14:15
 Operator : SY/VA
 Sample : M1414-03MS
 Misc : 5.13G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBG7MS

Quant Time: Feb 17 01:05:42 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)

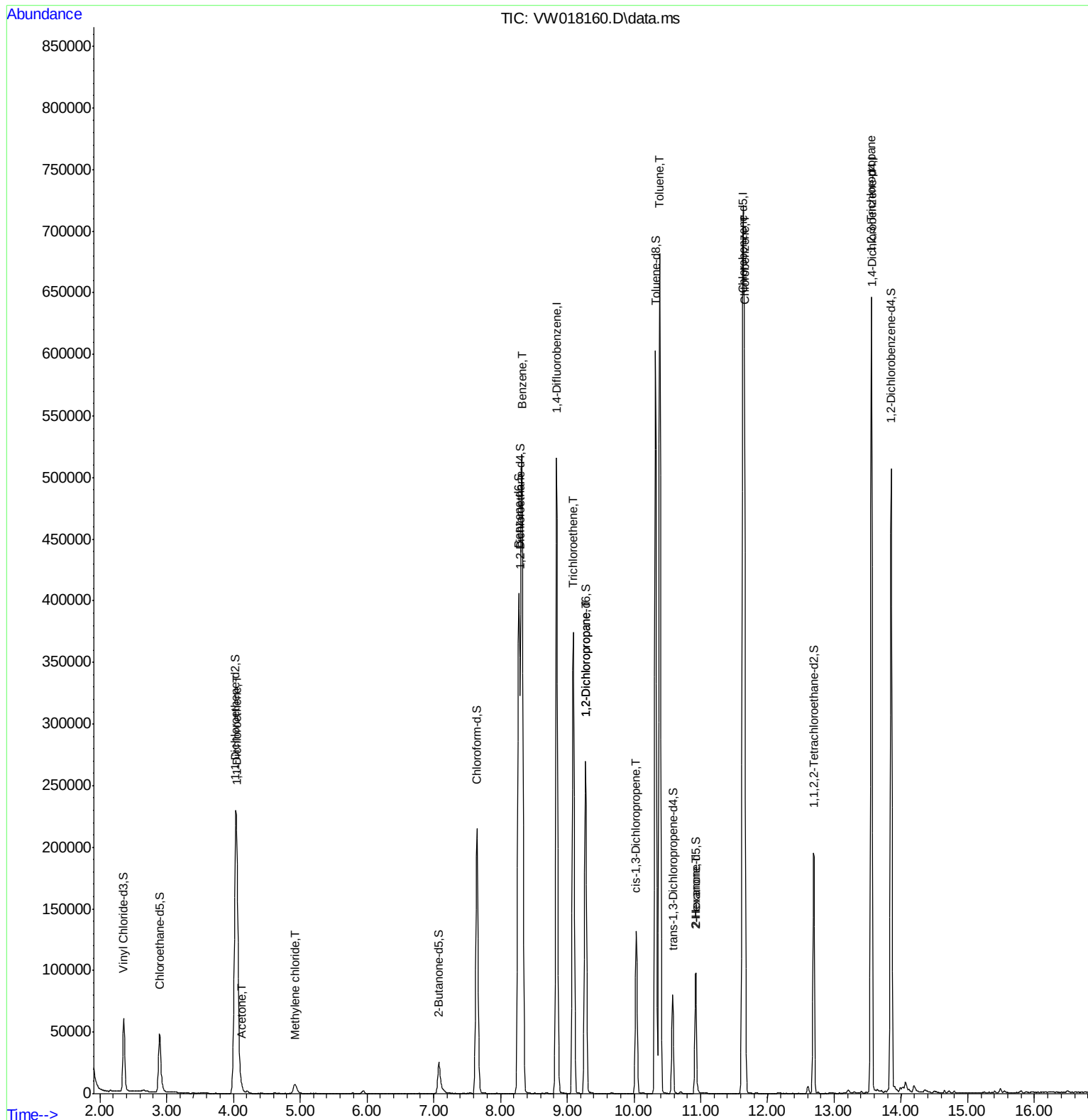
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	457357	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	398684	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	183324	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	73207	12.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.52%		
7) Chloroethane-d5	2.891	69	69068	15.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.24%		
10) 1,1-Dichloroethene-d2	4.031	63	182969	16.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.40%		
20) 2-Butanone-d5	7.080	46	42424	27.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	55.94%		
24) Chloroform-d	7.647	84	228196	19.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.04%		
26) 1,2-Dichloroethane-d4	8.305	65	113109	17.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	70.76%		
29) Benzene-d6	8.275	84	439689	20.08	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.32%		
33) 1,2-Dichloropropane-d6	9.274	67	127539	20.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.32%		
37) Toluene-d8	10.323	98	403053	19.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.40%		
38) trans-1,3-Dichloroprop...	10.579	79	47165	16.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.96%		
39) 2-Hexanone-d5	10.927	63	36464	31.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.30%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	96765	17.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	71.96%		
61) 1,2-Dichlorobenzene-d4	13.853	152	137487	21.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.08%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.050	96	112454	18.40	ug/L	93
13) Acetone	4.123	43	4612	4.11	ug/L	84
16) Methylene chloride	4.922	84	7390	1.01	ug/L	93
34) Benzene	8.323	78	484293	20.78	ug/L	100
35) Trichloroethene	9.092	95	133005	20.26	ug/L	98
40) 1,2-Dichloropropane	9.274	63	14252	2.67	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	3194	0.37	ug/L #	69
44) Toluene	10.384	91	526412	20.53	ug/L	99
49) 2-Hexanone	10.920	43	4318	1.87	ug/L #	60
52) Chlorobenzene	11.658	112	335179	19.84	ug/L	98
59) 1,2,3-Trichloropropane	13.554	75	18331	4.48	ug/L	98

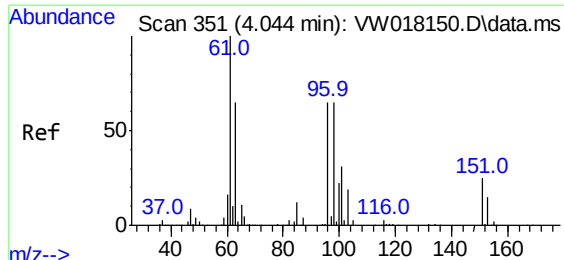
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Wed Feb 17 01:02:43 2021
Response via : Initial Calibration

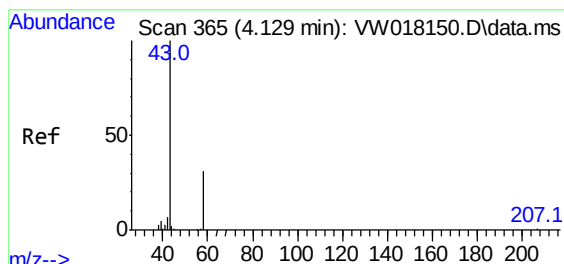
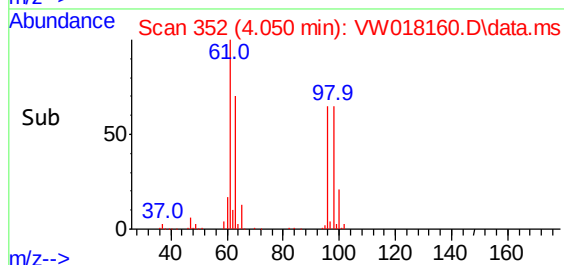
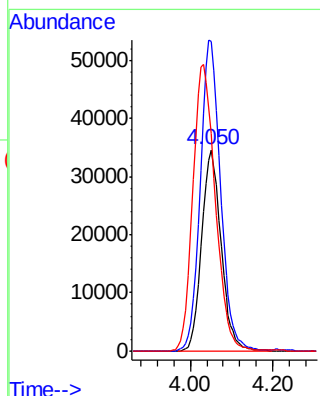
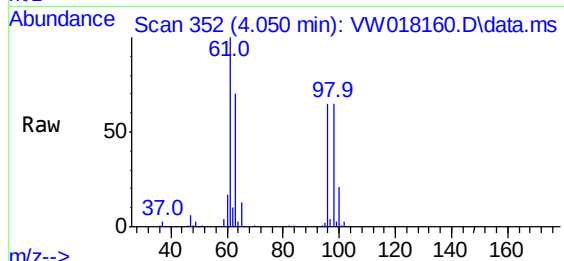




#12
1,1-Dichloroethene
Concen: 18.40 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW018160.D
Acq: 16 Feb 2021 14:15

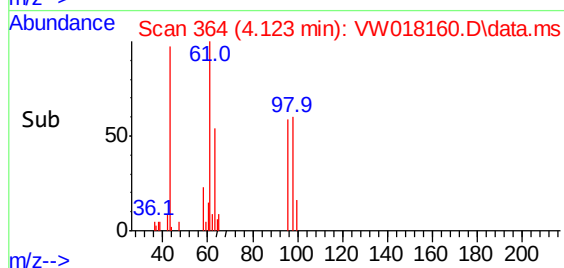
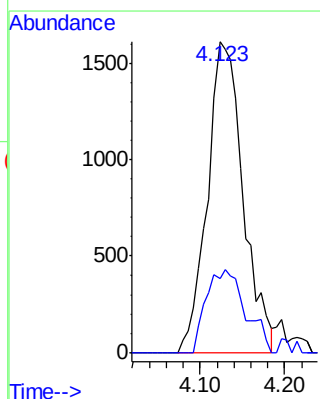
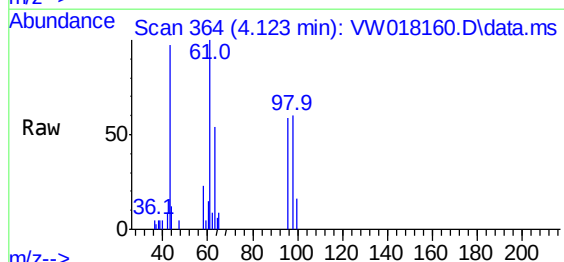
Instrument :
MSVOA_W
ClientSampleId :
DBG7MS

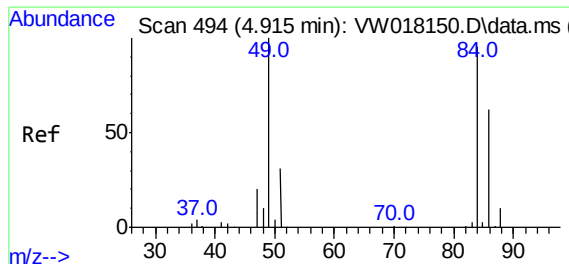
Tgt Ion: 96 Resp: 112454
Ion Ratio Lower Upper
96 100
61 154.0 112.5 208.9
63 108.0 83.1 154.3



#13
Acetone
Concen: 4.11 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW018160.D
Acq: 16 Feb 2021 14:15

Tgt Ion: 43 Resp: 4612
Ion Ratio Lower Upper
43 100
58 24.8 0.0 68.4

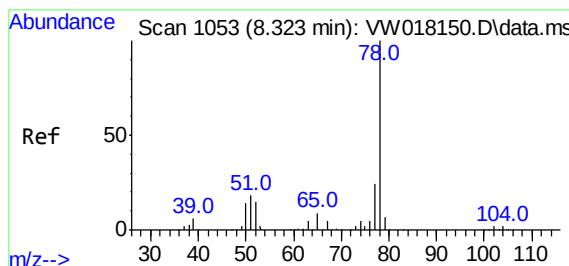
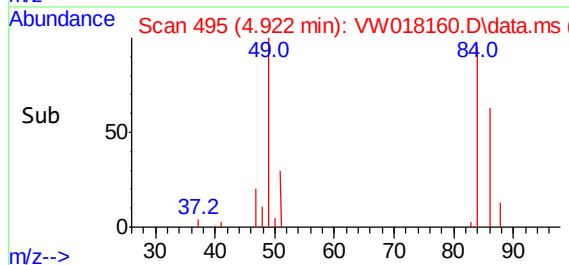
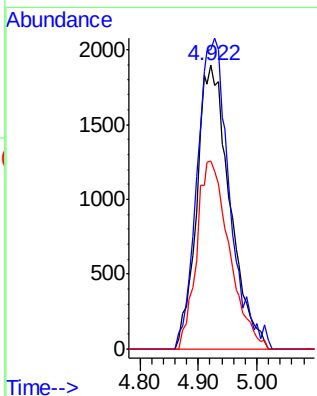
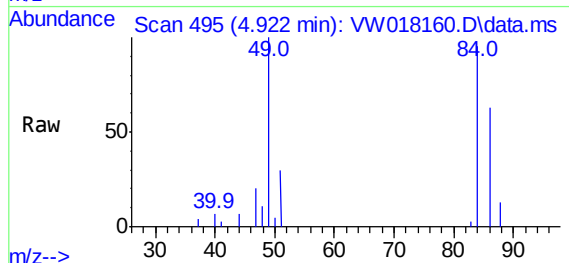




#16
Methylene chloride
Concen: 1.01 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018160.D
Acq: 16 Feb 2021 14:15

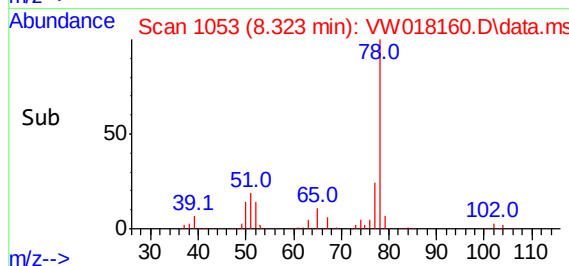
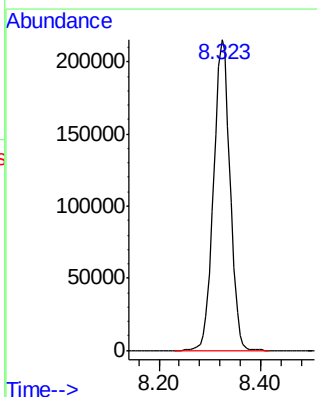
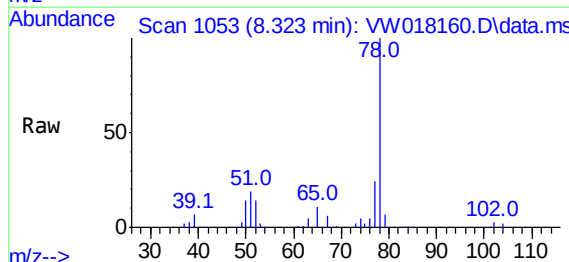
Instrument :
MSVOA_W
ClientSampleId :
DBG7MS

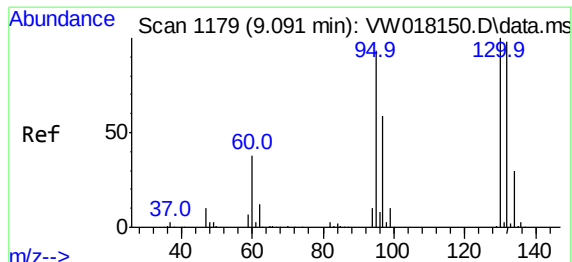
Tgt Ion: 84 Resp: 7390
Ion Ratio Lower Upper
84 100
49 105.7 81.2 150.8
86 66.4 44.5 82.7



#34
Benzene
Concen: 20.78 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018160.D
Acq: 16 Feb 2021 14:15

Tgt Ion: 78 Resp: 484293

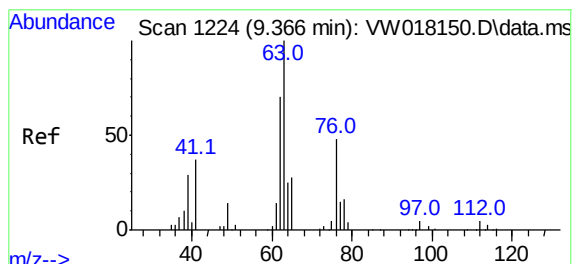
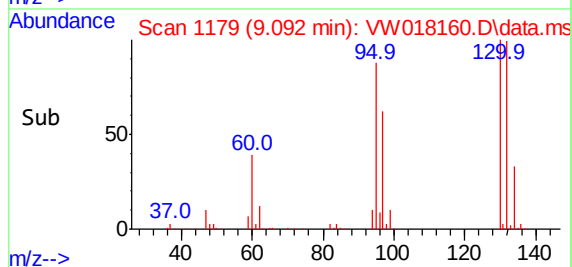
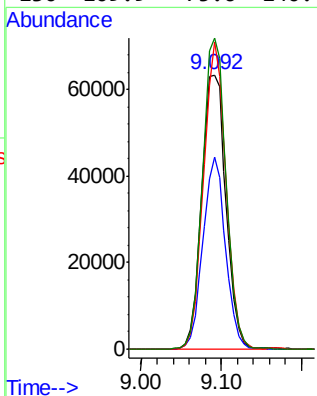
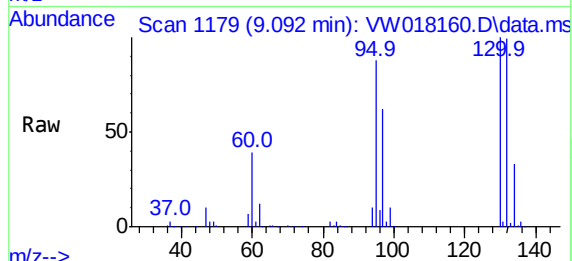




#35
Trichloroethene
Concen: 20.26 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018160.D
Acq: 16 Feb 2021 14:15

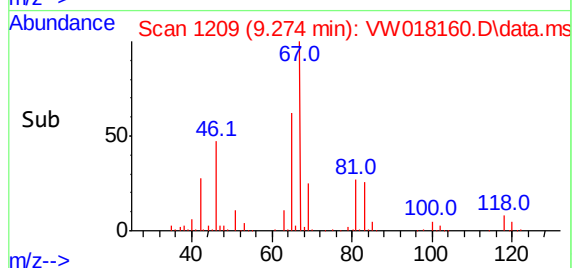
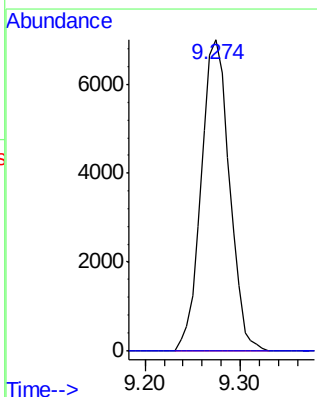
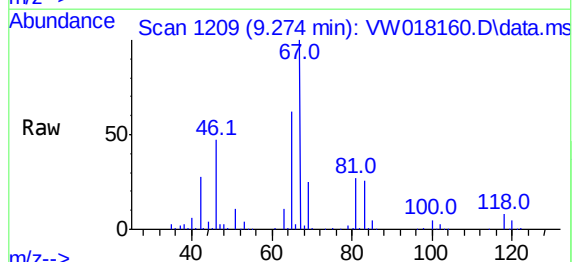
Instrument :
MSVOA_W
ClientSampleId :
DBG7MS

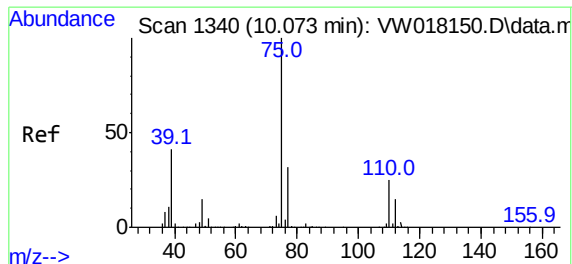
Tgt Ion: 95 Resp: 133005
Ion Ratio Lower Upper
95 100
97 65.1 45.0 83.6
132 103.4 71.0 131.8
130 109.9 75.6 140.4



#40
1,2-Dichloropropane
Concen: 2.67 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018160.D
Acq: 16 Feb 2021 14:15

Tgt Ion: 63 Resp: 14252
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

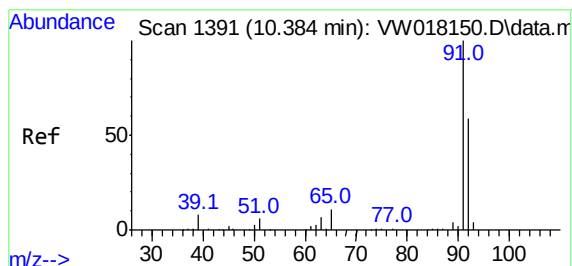
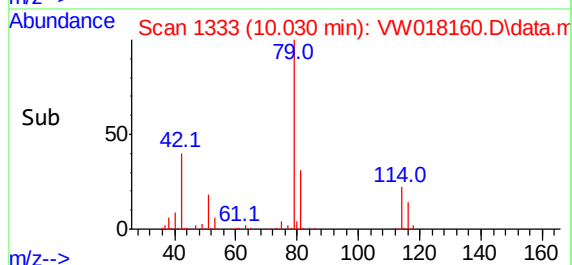
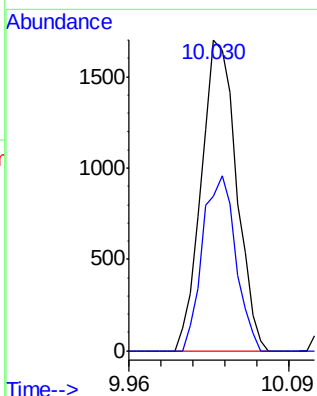
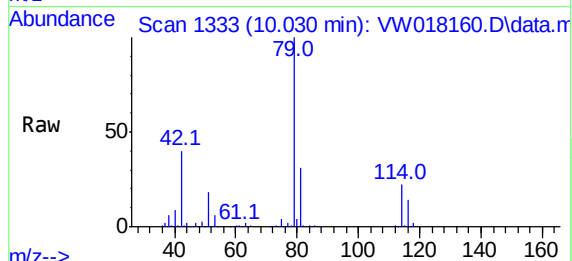




#42
cis-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018160.D
Acq: 16 Feb 2021 14:15

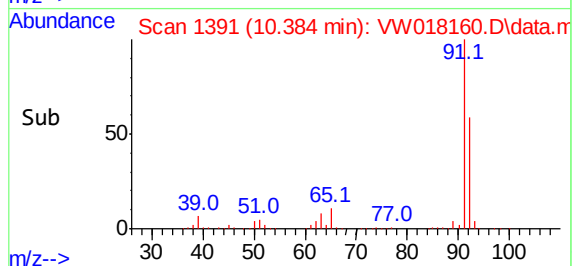
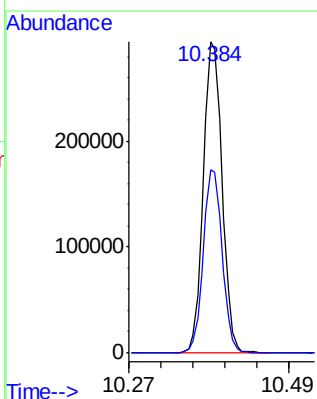
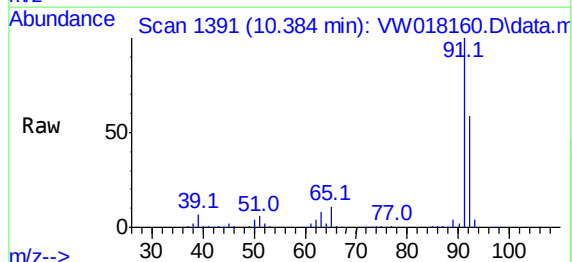
Instrument :
MSVOA_W
ClientSampled :
DBG7MS

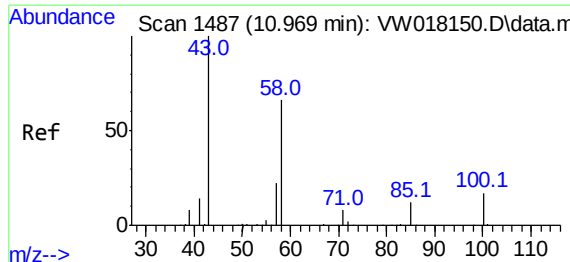
Tgt Ion: 75 Resp: 3194
Ion Ratio Lower Upper
75 100
77 49.7 22.7 42.3#



#44
Toluene
Concen: 20.53 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018160.D
Acq: 16 Feb 2021 14:15

Tgt Ion: 91 Resp: 526412
Ion Ratio Lower Upper
91 100
92 59.0 41.6 77.3



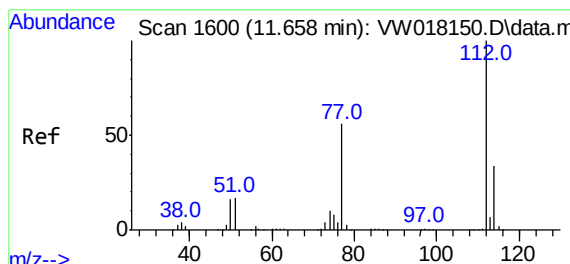
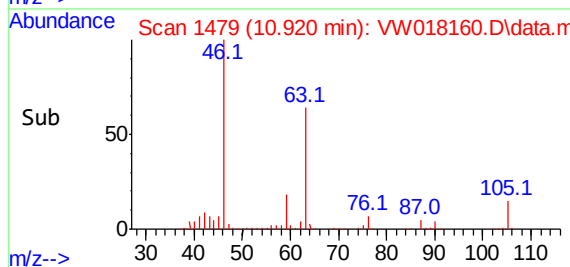
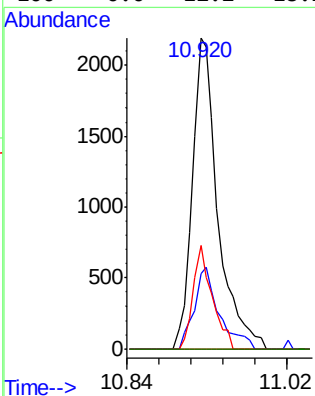
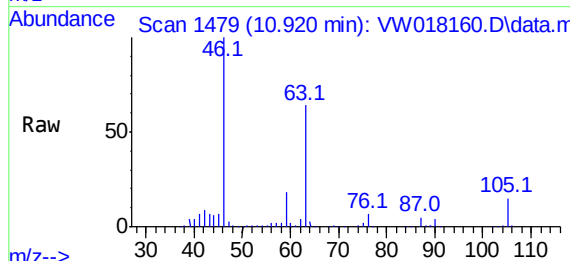


#49
2-Hexanone
Concen: 1.87 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018160.D
Acq: 16 Feb 2021 14:15

Instrument :
MSVOA_W
ClientSampleID :
DBG7MS

Tgt Ion: 43 Resp: 4318

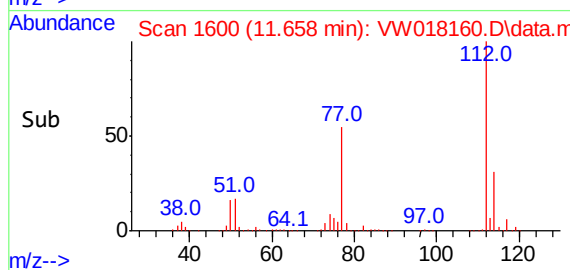
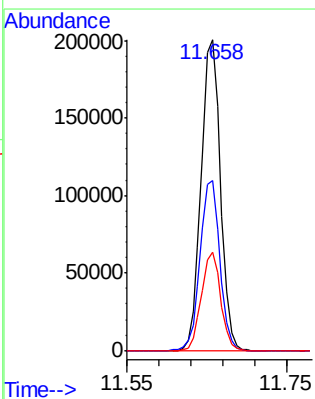
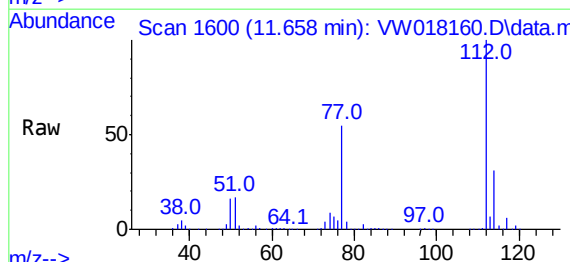
Ion	Ratio	Lower	Upper
43	100		
58	25.8	51.3	76.9#
57	25.0	15.0	22.6#
100	0.0	12.2	18.2#

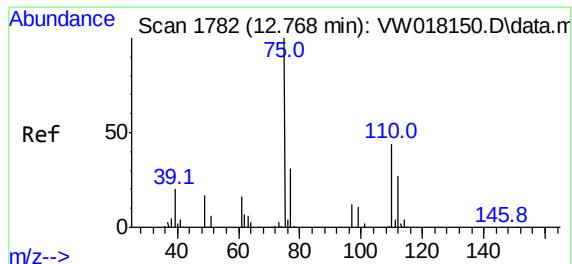


#52
Chlorobenzene
Concen: 19.84 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018160.D
Acq: 16 Feb 2021 14:15

Tgt Ion: 112 Resp: 335179

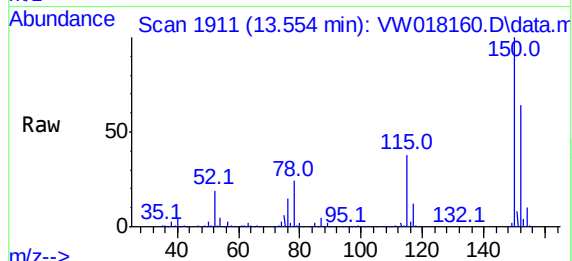
Ion	Ratio	Lower	Upper
112	100		
77	54.8	42.6	64.0
114	31.5	21.6	40.2





#59
 1,2,3-Trichloropropane
 Concen: 4.48 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018160.D
 Acq: 16 Feb 2021 14:15

Instrument :
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 ClientSampleId :
 DBG7MS



Tgt Ion: 75 Resp: 18331

Ion	Ratio	Lower	Upper
75	100		
77	34.2	26.6	39.8

