

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018091.D
 Acq On : 11 Feb 2021 17:37
 Operator : SY/VA
 Sample : M1371-05MS
 Misc : 6.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH16MS

Quant Time: Feb 12 02:43:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 02:37:00 2021
 Response via : Initial Calibration

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

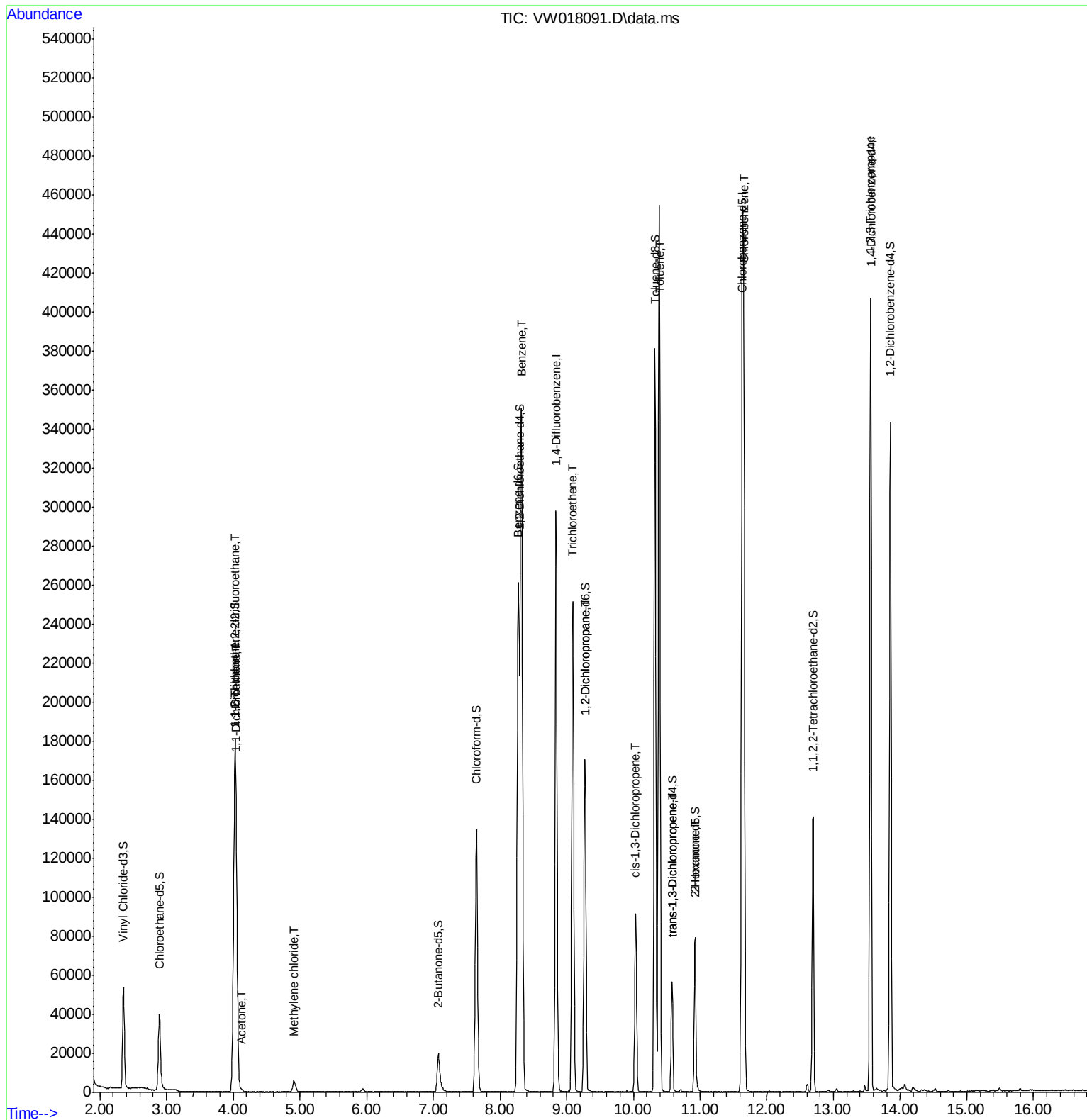
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	265584	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	243087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	117522	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	58135	17.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.44%		
7) Chloroethane-d5	2.892	69	51176	19.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.16%		
10) 1,1-Dichloroethene-d2	4.019	63	132764	20.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.48%		
20) 2-Butanone-d5	7.080	46	33701	38.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.52%		
24) Chloroform-d	7.647	84	143059	20.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.12%		
26) 1,2-Dichloroethane-d4	8.305	65	76383	20.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.32%		
29) Benzene-d6	8.275	84	279367	20.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.72%		
33) 1,2-Dichloropropane-d6	9.275	67	80474	21.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.24%		
37) Toluene-d8	10.323	98	254340	20.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.12%		
38) trans-1,3-Dichloroprop...	10.579	79	32636	19.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.16%		
39) 2-Hexanone-d5	10.921	63	29183	40.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.78%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	69703	21.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	95508	22.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.12%		
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	1079	0.29	ug/L	# 35
12) 1,1-Dichloroethene	4.044	96	76061	21.43	ug/L	85
13) Acetone	4.123	43	673	1.03	ug/L	79
16) Methylene chloride	4.916	84	4604	1.08	ug/L	85
34) Benzene	8.324	78	320678	22.57	ug/L	100
35) Trichloroethene	9.092	95	88500	22.10	ug/L	99
40) 1,2-Dichloropropane	9.275	63	9002	2.76	ug/L	# 84
42) cis-1,3-Dichloropropene	10.031	75	2168	0.41	ug/L	# 79
44) Toluene	10.390	91	355591	22.74	ug/L	99
45) trans-1,3-Dichloropropene	10.579	75	1433	0.31	ug/L	# 73
49) 2-Hexanone	10.927	43	3591	2.55	ug/L	# 61
52) Chlorobenzene	11.658	112	225605	21.90	ug/L	98
59) 1,2,3-Trichloropropane	13.554	75	12073	4.84	ug/L	100

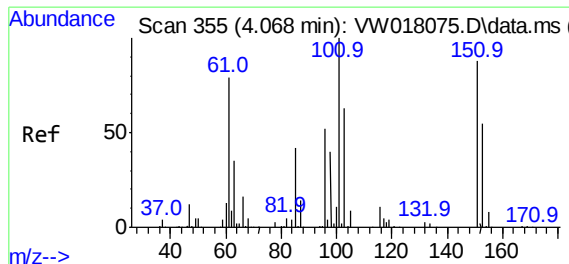
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 12 02:37:00 2021
Response via : Initial Calibration

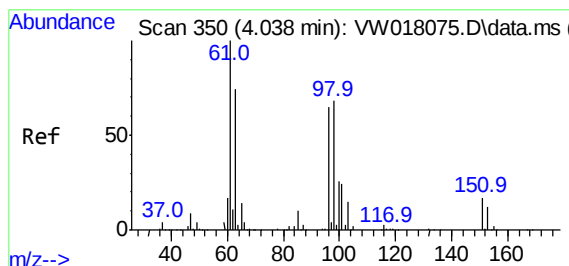
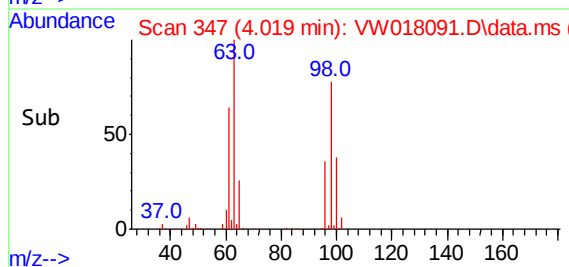
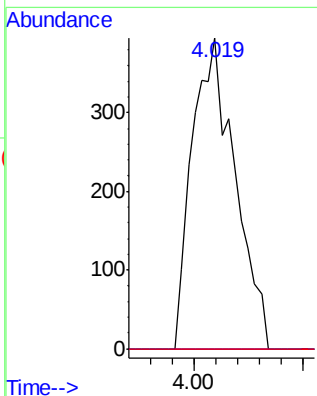
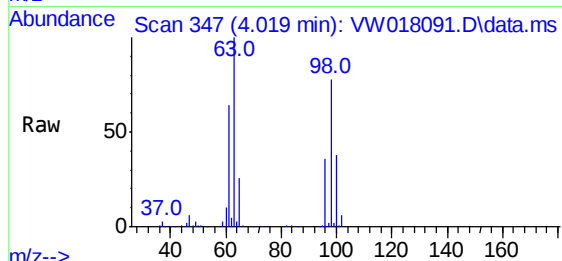




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.29 ug/L
 RT: 4.019 min Scan# 347
 Delta R.T. -0.049 min
 Lab File: VW018091.D
 Acq: 11 Feb 2021 17:37

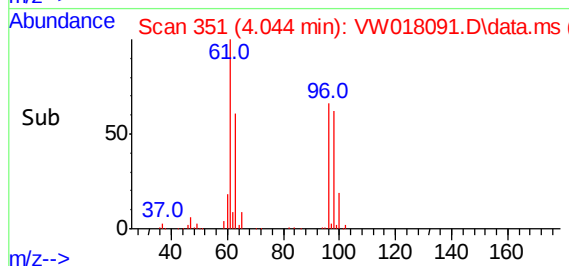
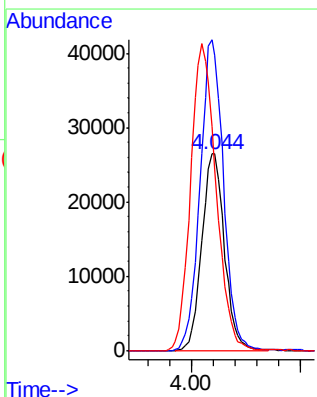
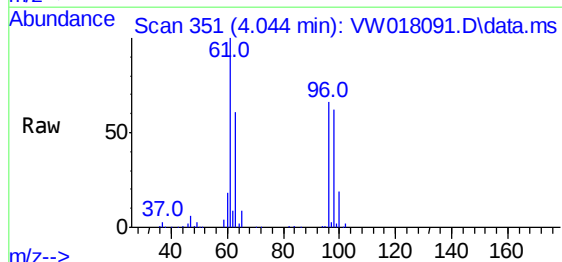
Instrument :
 MSVOA_W
 ClientSampleId :
 DBH16MS

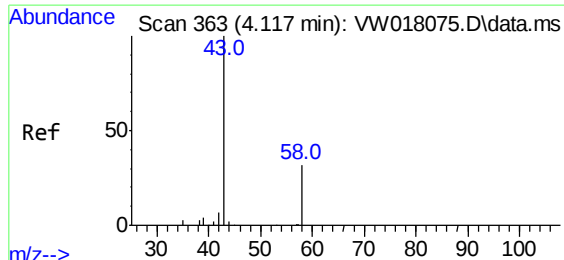
Tgt Ion:101 Resp: 1079
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 21.43 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW018091.D
 Acq: 11 Feb 2021 17:37

Tgt Ion: 96 Resp: 76061
 Ion Ratio Lower Upper
 96 100
 61 150.6 112.5 208.9
 63 92.2 83.1 154.3

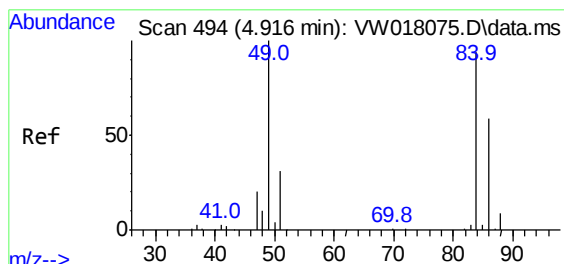
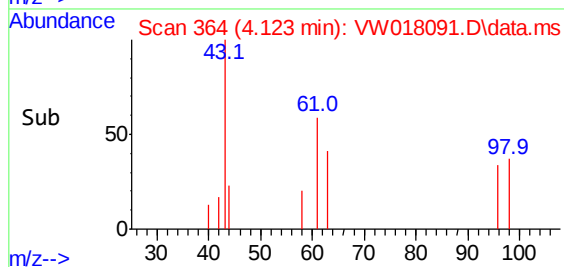
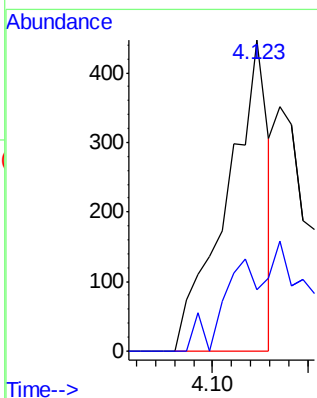
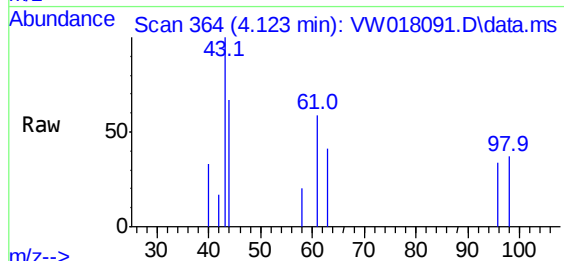




#13
Acetone
Concen: 1.03 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

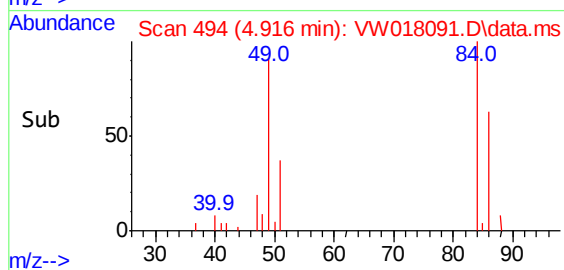
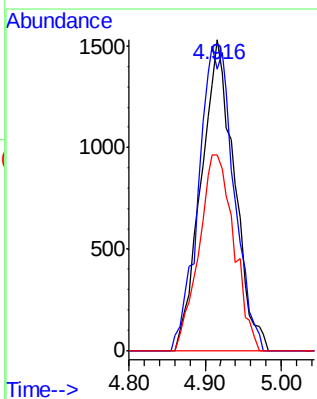
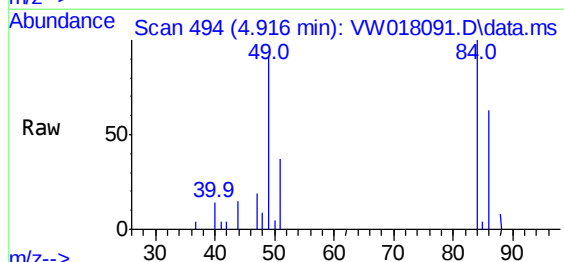
Instrument :
MSVOA_W
ClientSampled :
DBH16MS

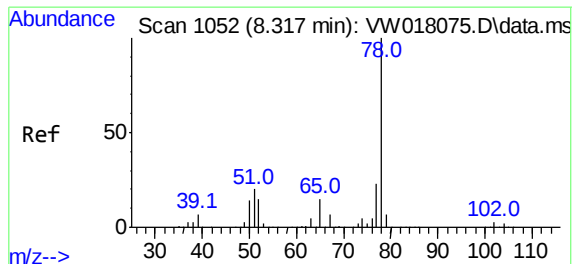
Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
58 22.0 0.0 68.4



#16
Methylene chloride
Concen: 1.08 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

Tgt Ion: 84 Resp: 4604
Ion Ratio Lower Upper
84 100
49 90.7 81.2 150.8
86 63.1 44.5 82.7

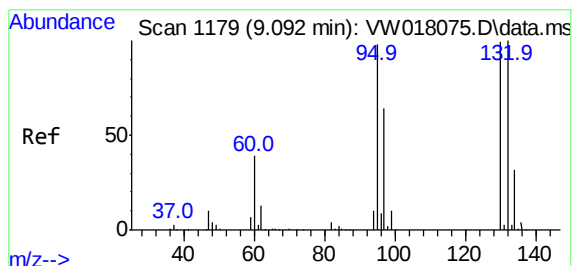
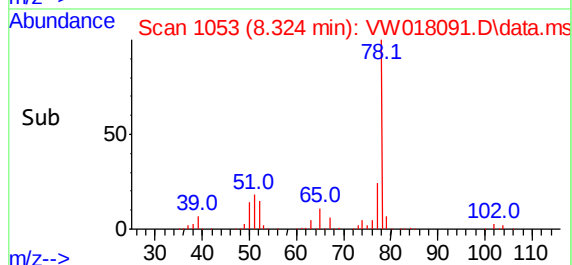
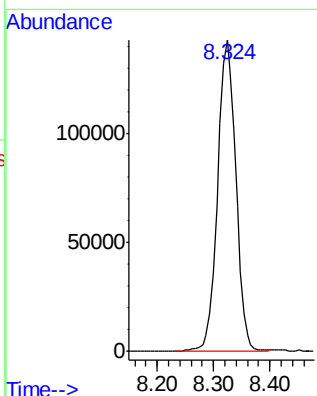
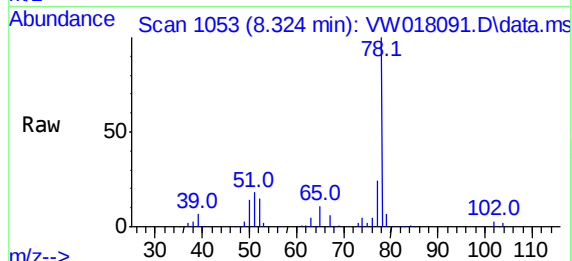




#34
Benzene
Concen: 22.57 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

Instrument :
MSVOA_W
ClientSampleId :
DBH16MS

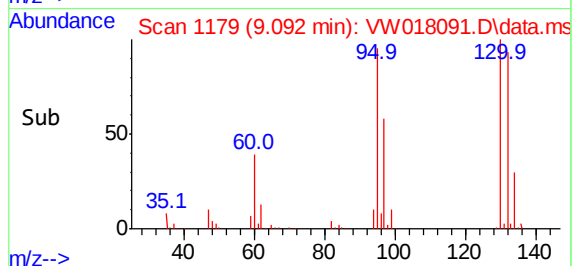
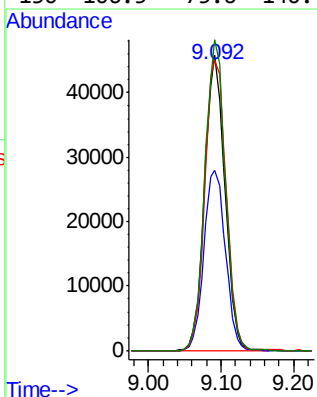
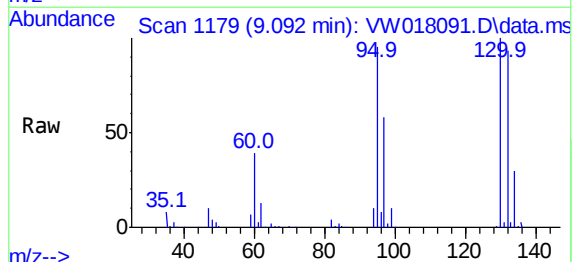
Tgt Ion: 78 Resp: 320678

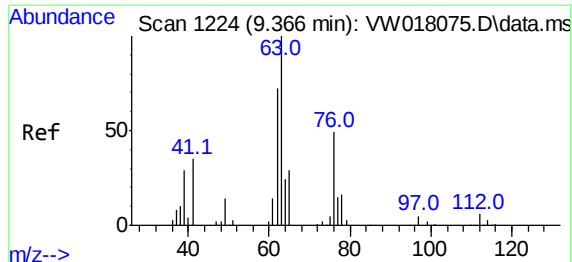


#35
Trichloroethene
Concen: 22.10 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

Tgt Ion: 95 Resp: 88500

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.0	83.6
132	103.3	71.0	131.8
130	106.5	75.6	140.4

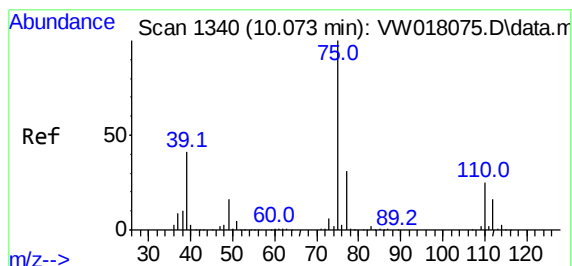
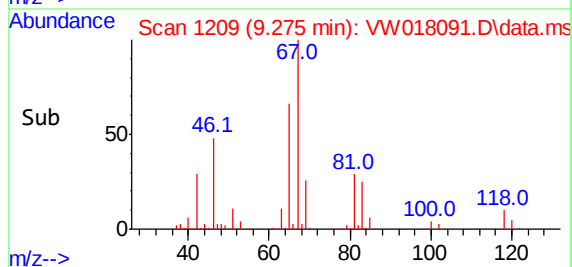
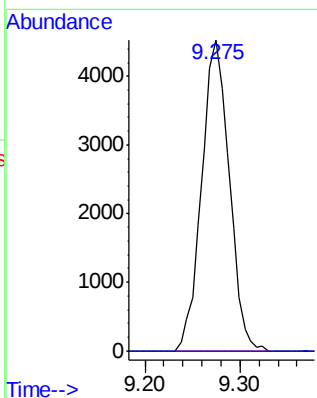
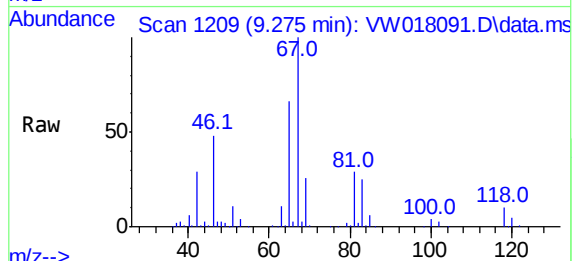




#40
1,2-Dichloropropane
Concen: 2.76 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

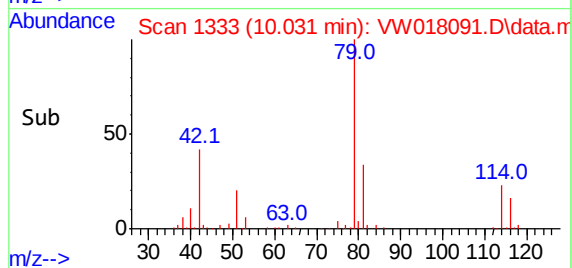
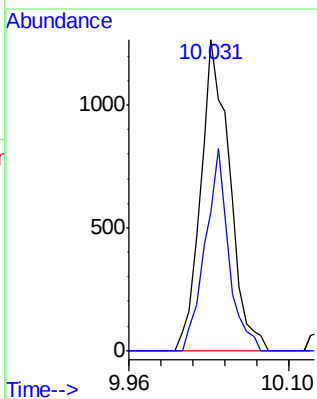
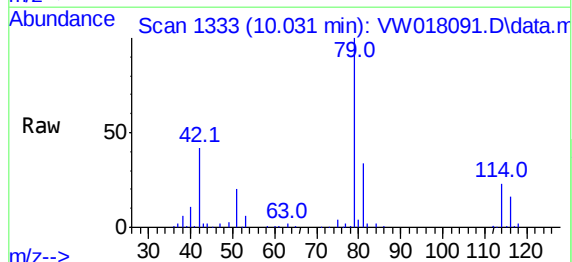
Instrument :
MSVOA_W
ClientSampleId :
DBH16MS

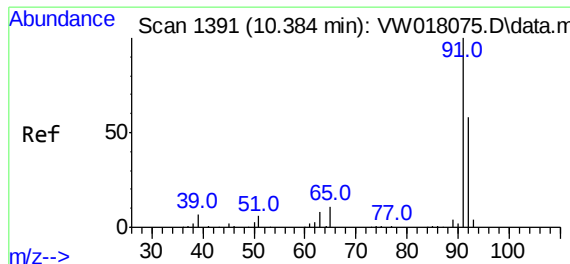
Tgt Ion: 63 Resp: 9002
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

Tgt Ion: 75 Resp: 2168
Ion Ratio Lower Upper
75 100
77 44.3 22.7 42.3#





#44

Toluene

Concen: 22.74 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018091.D

Acq: 11 Feb 2021 17:37

Tgt Ion: 91 Resp: 355591

Ion Ratio Lower Upper

91 100

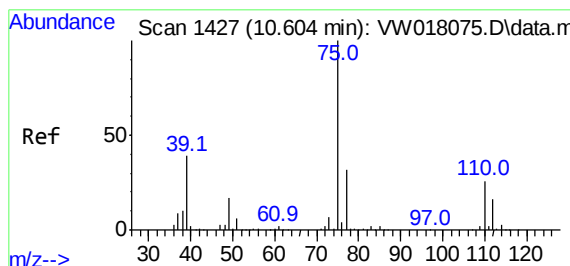
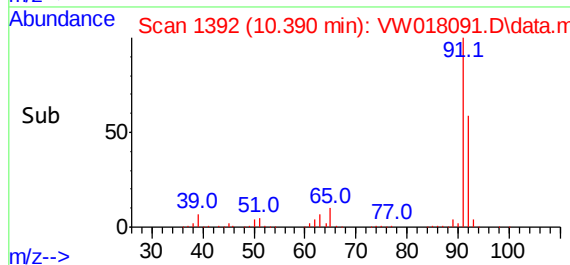
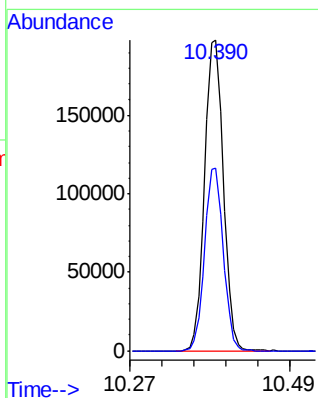
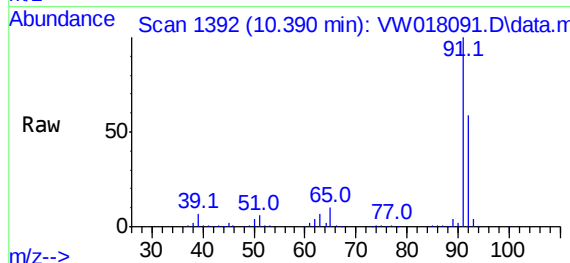
92 58.8 41.6 77.3

Instrument :

MSVOA_W

ClientSampleId :

DBH16MS



#45

trans-1,3-Dichloropropene

Concen: 0.31 ug/L

RT: 10.579 min Scan# 1423

Delta R.T. -0.024 min

Lab File: VW018091.D

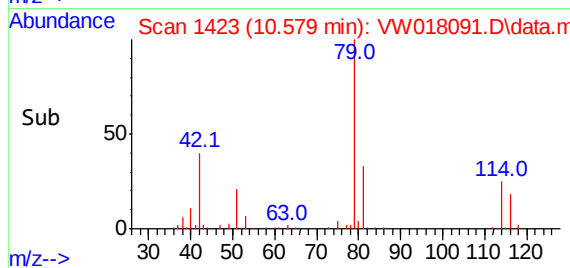
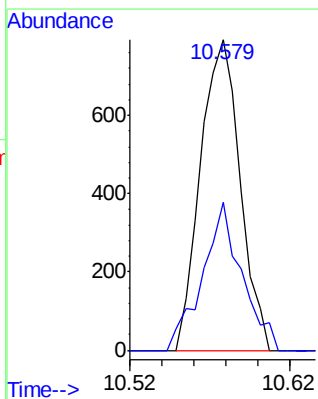
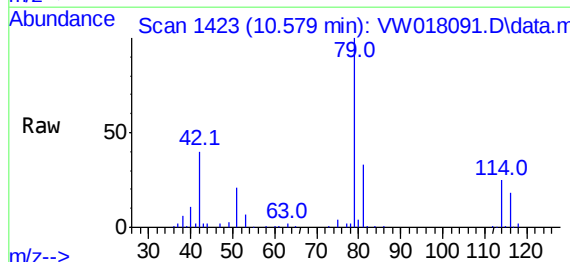
Acq: 11 Feb 2021 17:37

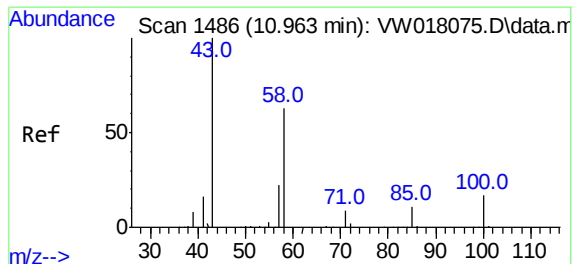
Tgt Ion: 75 Resp: 1433

Ion Ratio Lower Upper

75 100

77 47.5 22.6 42.0#



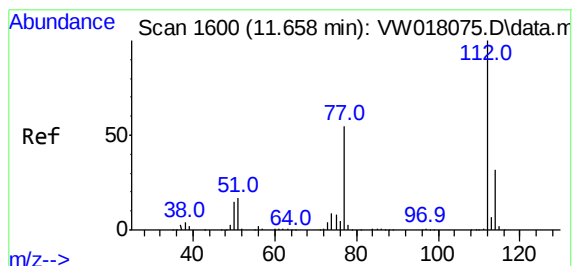
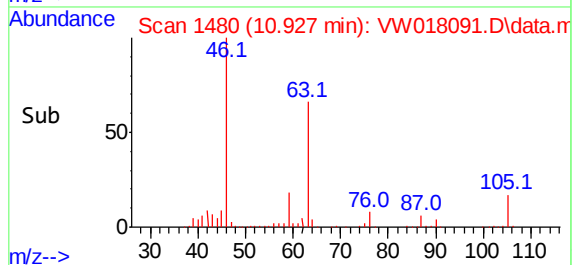
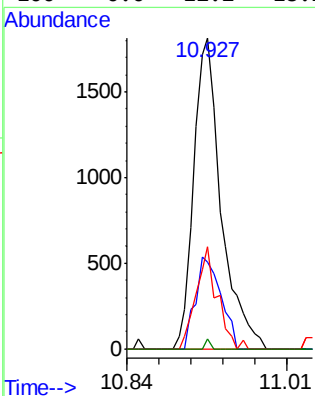
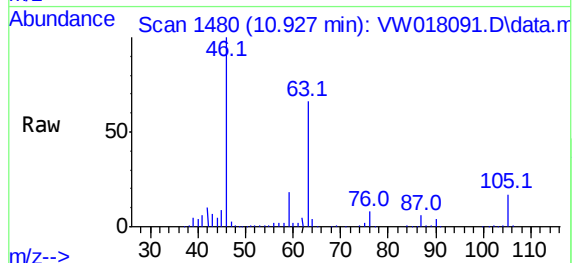


#49
2-Hexanone
Concen: 2.55 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.037 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

Instrument :
MSVOA_W
ClientSampleId :
DBH16MS

Tgt Ion: 43 Resp: 3591

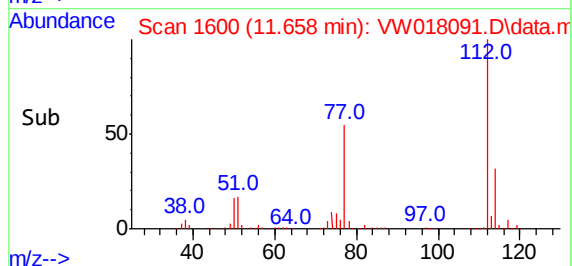
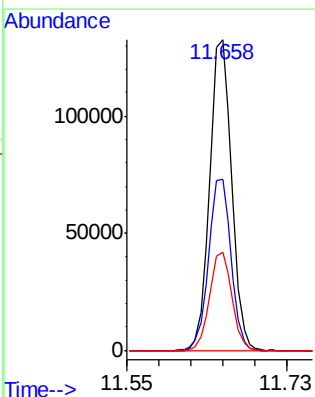
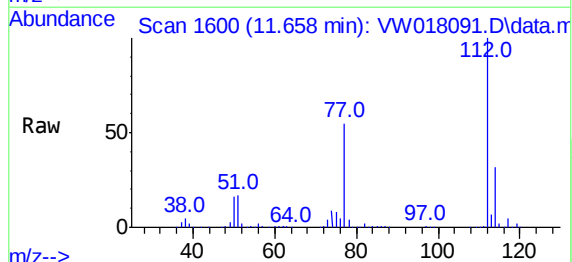
Ion	Ratio	Lower	Upper
43	100		
58	27.2	51.3	76.9#
57	25.0	15.0	22.6#
100	0.0	12.2	18.2#

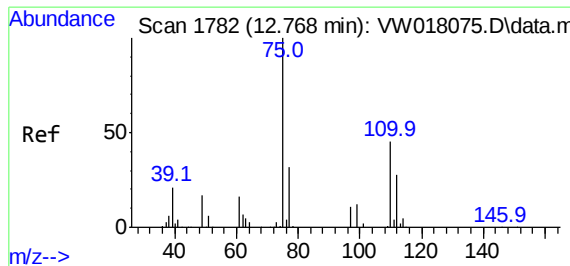


#52
Chlorobenzene
Concen: 21.90 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

Tgt Ion: 112 Resp: 225605

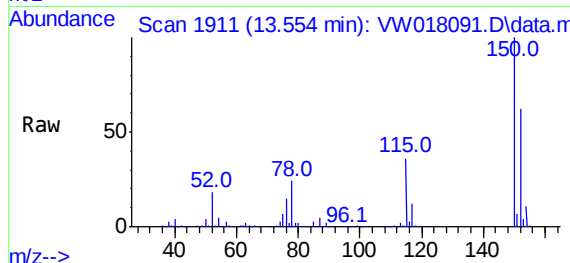
Ion	Ratio	Lower	Upper
112	100		
77	55.0	42.6	64.0
114	31.7	21.6	40.2





#59
1,2,3-Trichloropropane
Concen: 4.84 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018091.D
Acq: 11 Feb 2021 17:37

Instrument :
MSVOA_W
ClientSampleId :
DBH16MS



Tgt Ion: 75 Resp: 12073
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8

