

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018092.D
 Acq On : 11 Feb 2021 18:01
 Operator : SY/VA
 Sample : M1371-06MSD
 Misc : 6.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH16MSD

Quant Time: Feb 12 02:43:33 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)

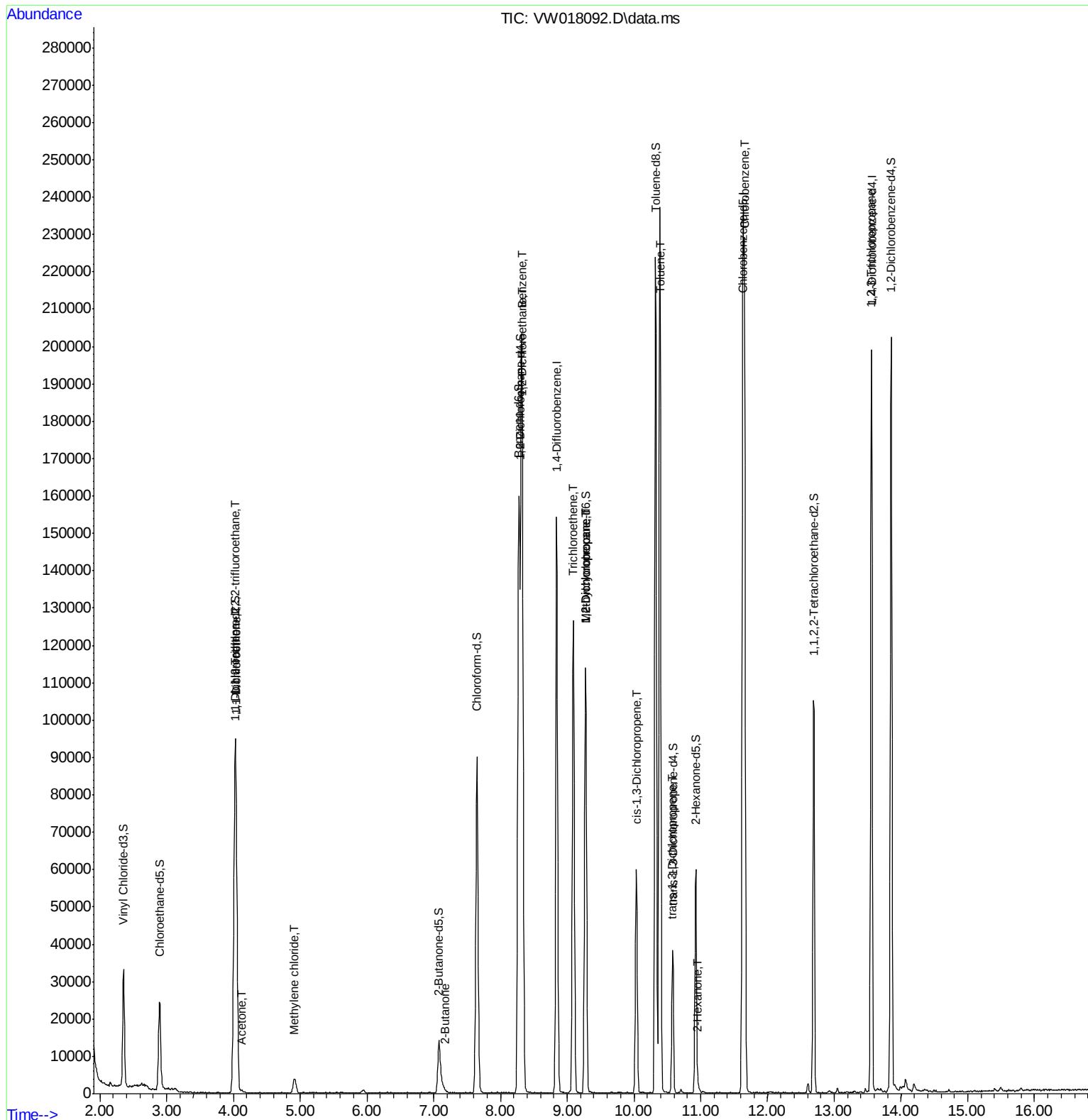
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	137388	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	127334	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	57651	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	31771	18.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.44%		
7) Chloroethane-d5	2.892	69	30510	22.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.04%		
10) 1,1-Dichloroethene-d2	4.019	63	70265	20.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.32%		
20) 2-Butanone-d5	7.080	46	24375	53.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.98%		
24) Chloroform-d	7.647	84	92825	25.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.00%		
26) 1,2-Dichloroethane-d4	8.305	65	55961	29.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.56%		
29) Benzene-d6	8.275	84	170927	24.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.80%		
33) 1,2-Dichloropropane-d6	9.275	67	54332	27.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	111.12%		
37) Toluene-d8	10.323	98	151167	22.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.88%		
38) trans-1,3-Dichloroprop...	10.579	79	22400	25.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.08%		
39) 2-Hexanone-d5	10.927	63	20761	55.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.06%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	51411	29.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	119.72%		
61) 1,2-Dichlorobenzene-d4	13.853	152	56904	27.67	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	110.68%		
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-...	4.026	101	541	0.28	ug/L #	35
12) 1,1-Dichloroethene	4.038	96	36531	19.90	ug/L	99
13) Acetone	4.123	43	1133	3.36	ug/L	50
16) Methylene chloride	4.910	84	1824	0.83	ug/L	79
21) 2-Butanone	7.165	43	339	0.66	ug/L #	46
27) 1,2-Dichloroethane	8.330	62	1302	0.58	ug/L #	73
34) Benzene	8.324	78	176975	23.78	ug/L	100
35) Trichloroethene	9.092	95	44980	21.45	ug/L	99
36) Methylcyclohexane	9.275	83	14534	4.12	ug/L #	19
40) 1,2-Dichloropropane	9.275	63	6054	3.54	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	1407	0.51	ug/L #	53
44) Toluene	10.390	91	182987	22.34	ug/L	97
45) trans-1,3-Dichloropropene	10.573	75	1066	0.44	ug/L	92
49) 2-Hexanone	10.957	43	631	0.86	ug/L #	39
52) Chlorobenzene	11.658	112	121158	22.45	ug/L	99
59) 1,2,3-Trichloropropane	13.554	75	5926	4.54	ug/L	98

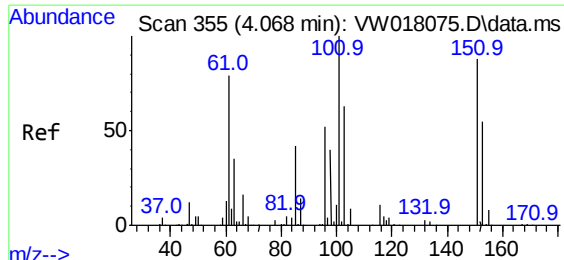
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 12 02:37:00 2021
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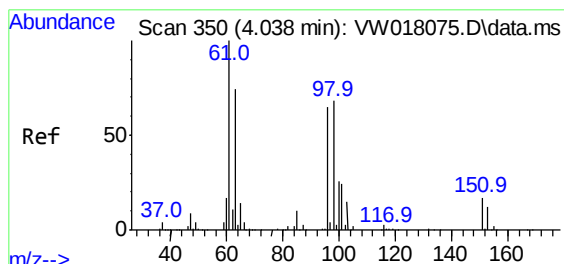
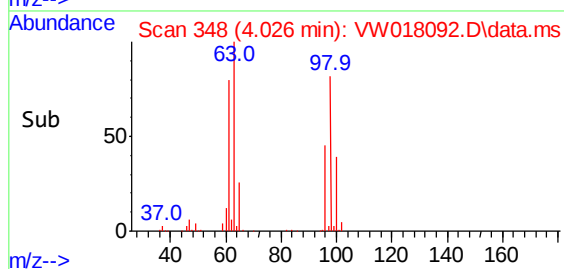
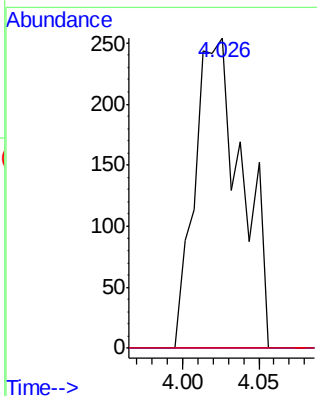
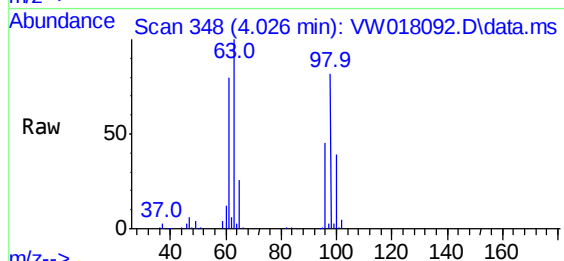




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.28 ug/L
 RT: 4.026 min Scan# 348
 Delta R.T. -0.043 min
 Lab File: VW018092.D
 Acq: 11 Feb 2021 18:01

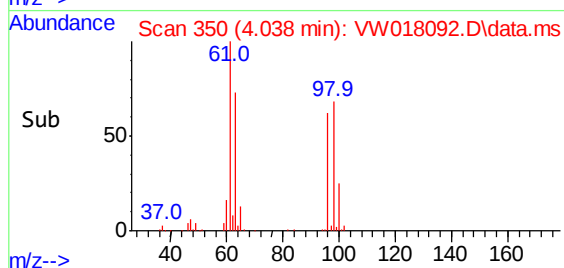
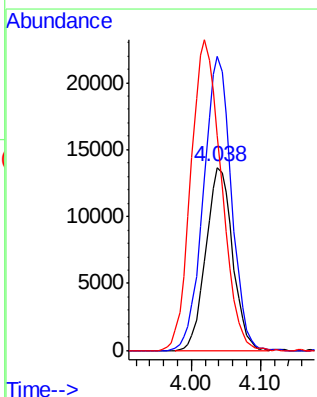
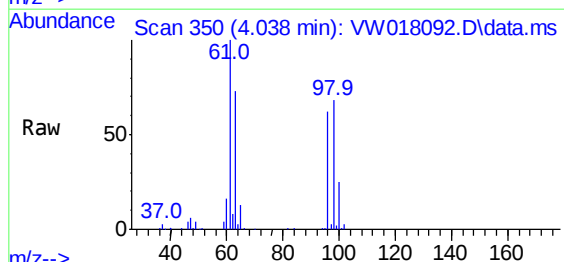
Instrument :
 MSVOA_W
 ClientSampleId :
 DBH16MSD

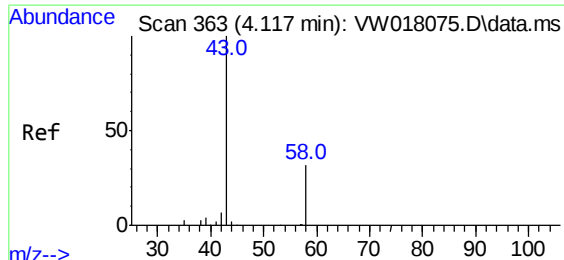
Tgt Ion:	101	Resp:	541
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.4#
151	0.0	30.4	45.6#



#12
 1,1-Dichloroethene
 Concen: 19.90 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW018092.D
 Acq: 11 Feb 2021 18:01

Tgt Ion:	96	Resp:	36531
Ion	Ratio	Lower	Upper
96	100		
61	160.6	112.5	208.9
63	117.1	83.1	154.3

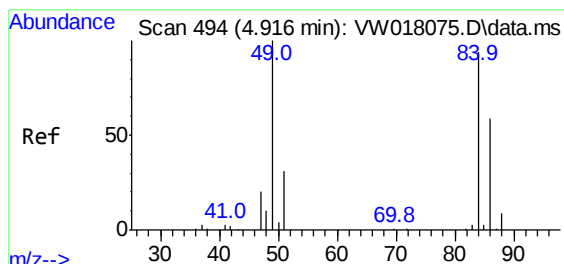
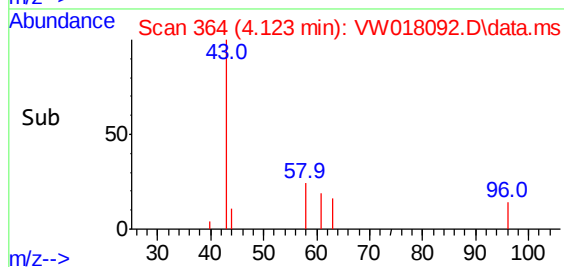
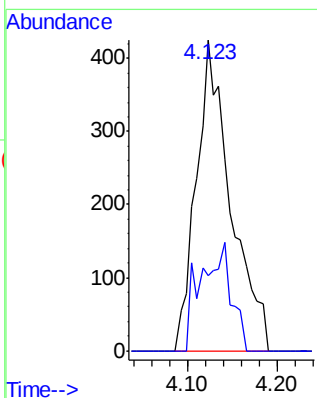
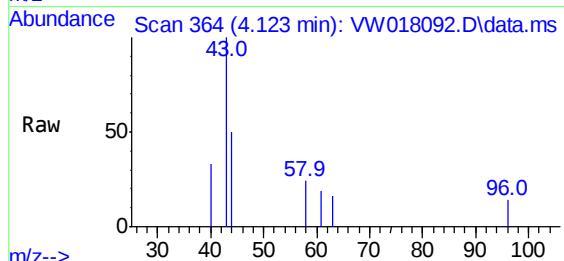




#13
Acetone
Concen: 3.36 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

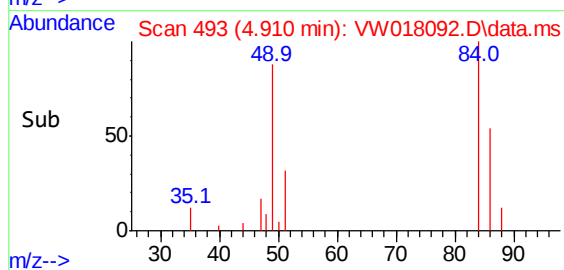
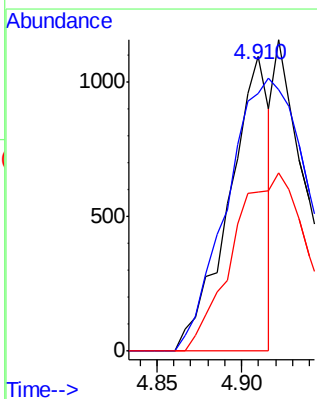
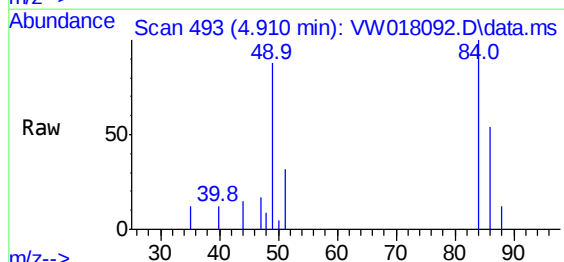
Instrument :
MSVOA_W
ClientSampled :
DBH16MSD

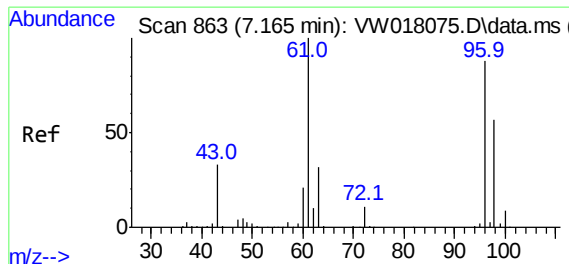
Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
58 5.6 0.0 68.4



#16
Methylene chloride
Concen: 0.83 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

Tgt Ion: 84 Resp: 1824
Ion Ratio Lower Upper
84 100
49 87.5 81.2 150.8
86 53.9 44.5 82.7

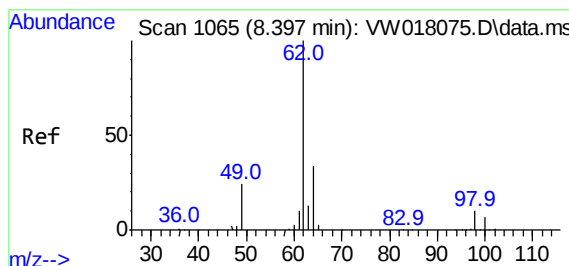
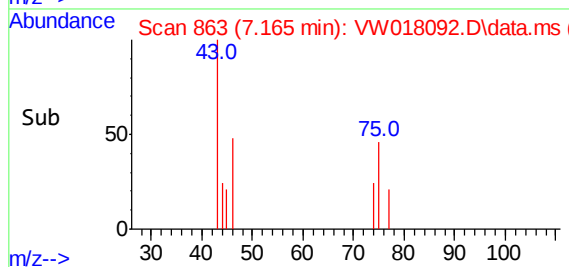
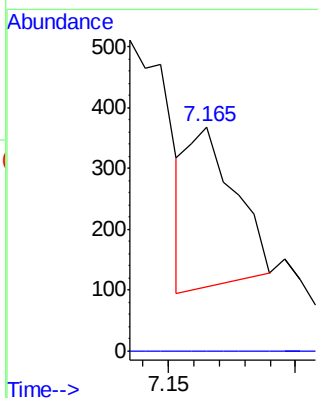
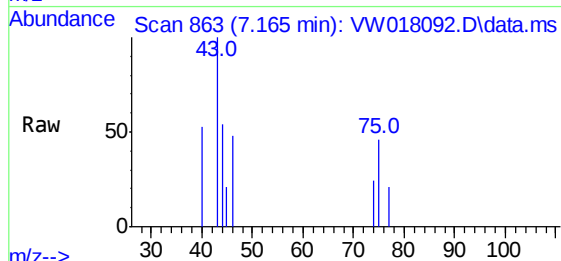




#21
2-Butanone
Concen: 0.66 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

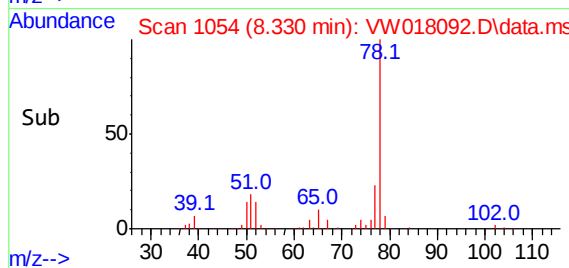
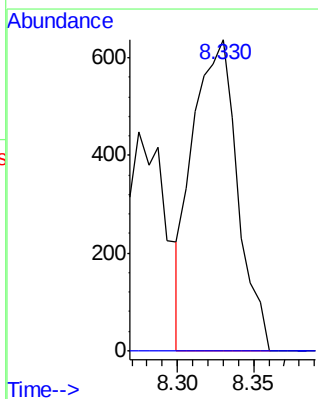
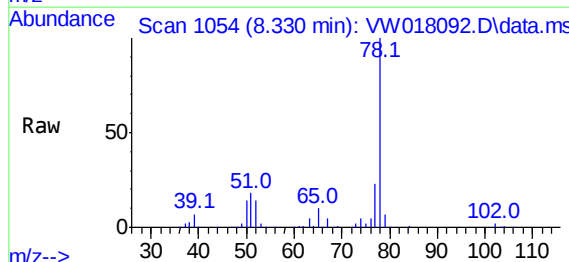
Instrument :
MSVOA_W
ClientSampled :
DBH16MSD

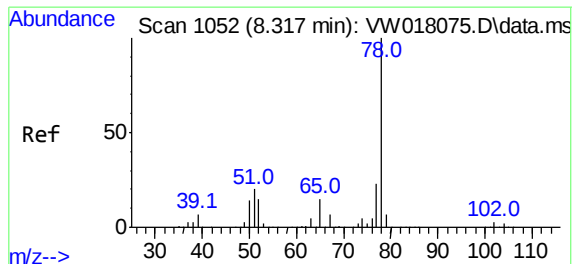
Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#27
1,2-Dichloroethane
Concen: 0.58 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. -0.067 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

Tgt Ion: 62 Resp: 1302
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#

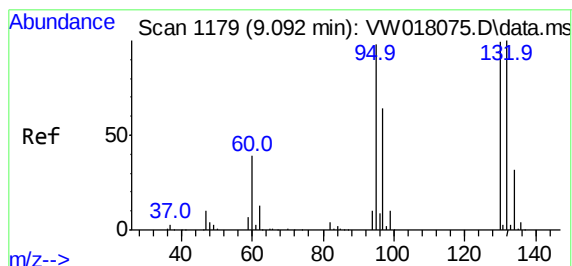
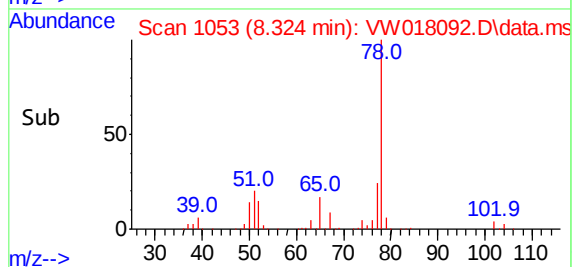
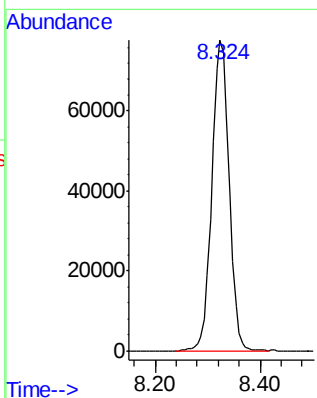
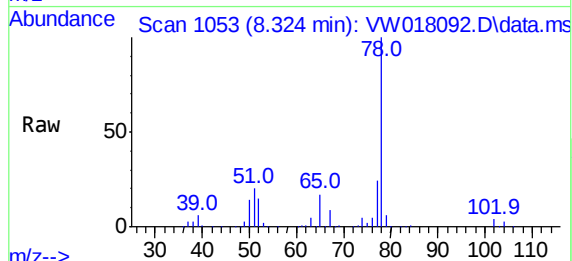




#34
Benzene
Concen: 23.78 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

Instrument :
MSVOA_W
ClientSampleId :
DBH16MSD

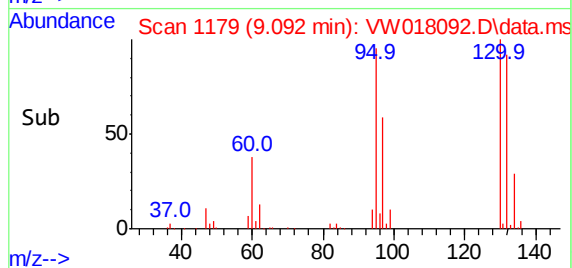
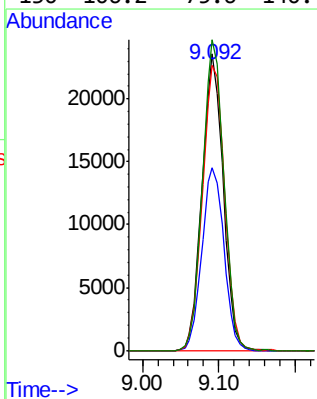
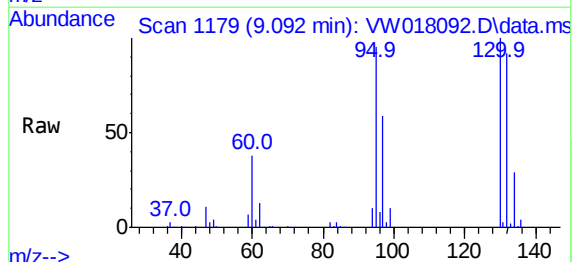
Tgt Ion: 78 Resp: 176975

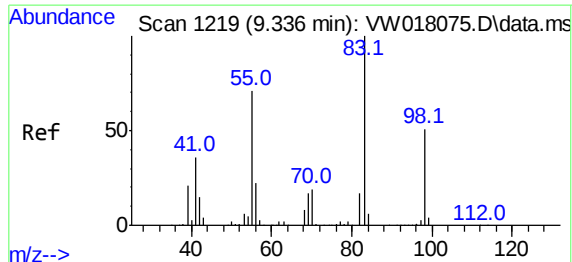


#35
Trichloroethene
Concen: 21.45 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

Tgt Ion: 95 Resp: 44980

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.0	83.6
132	101.1	71.0	131.8
130	106.2	75.6	140.4

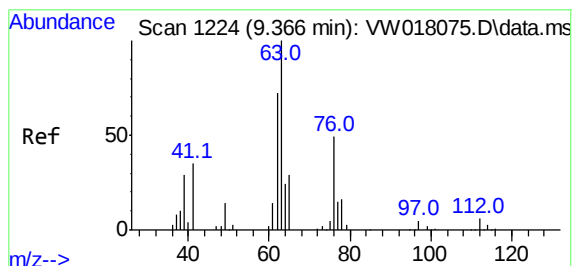
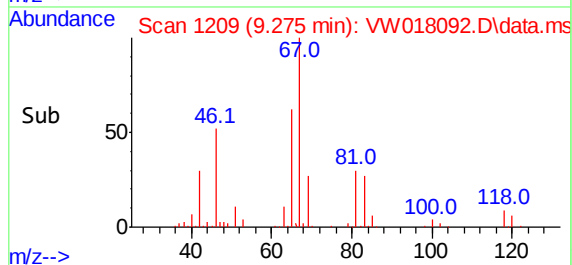
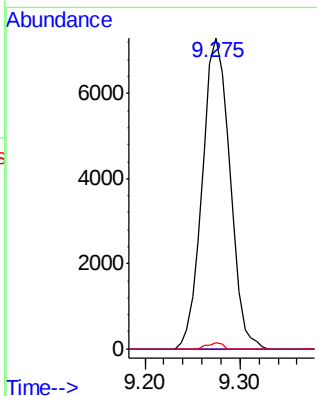
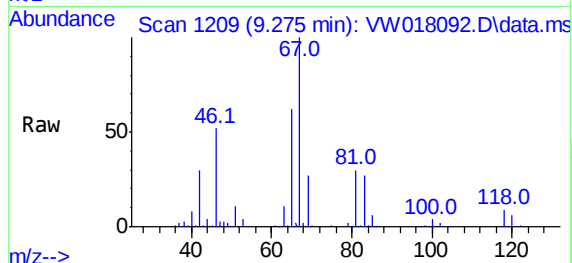




#36
Methylcyclohexane
Concen: 4.12 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

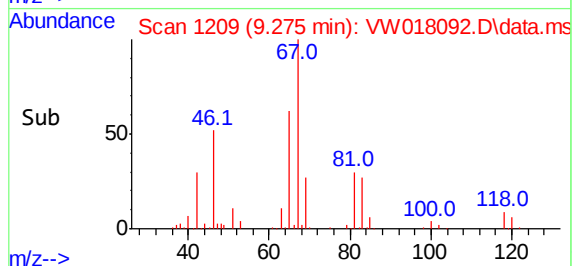
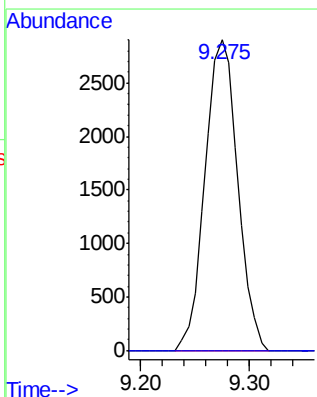
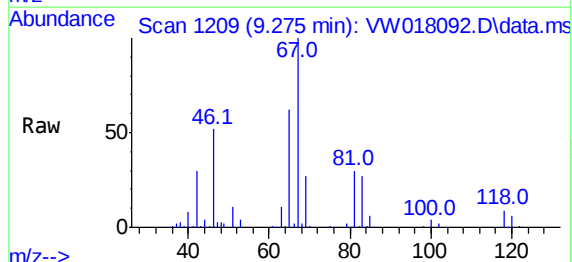
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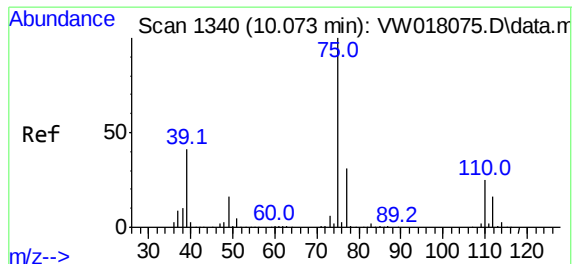
Tgt Ion: 83 Resp: 14534
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 1.1 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 3.54 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

Tgt Ion: 63 Resp: 6054
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

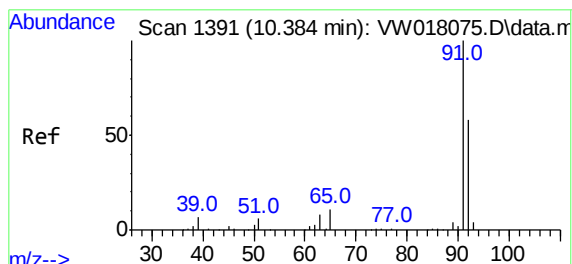
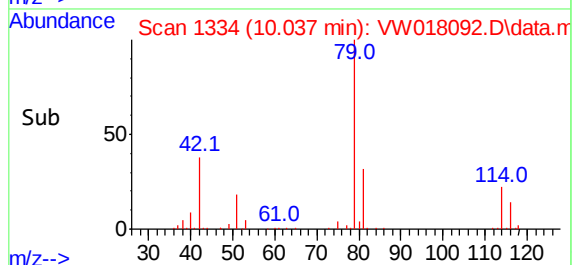
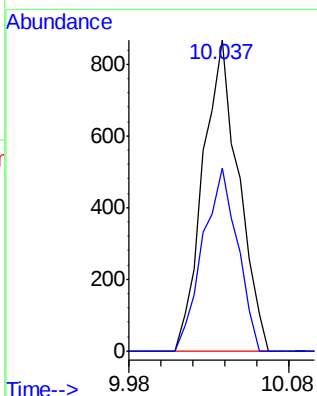
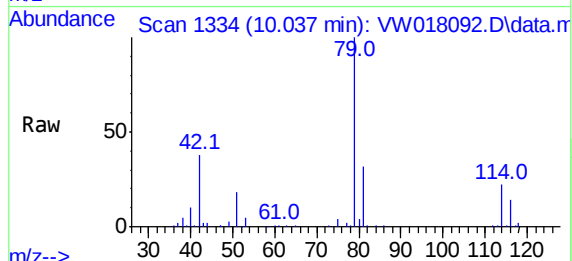




#42
 cis-1,3-Dichloropropene
 Concen: 0.51 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW018092.D
 Acq: 11 Feb 2021 18:01

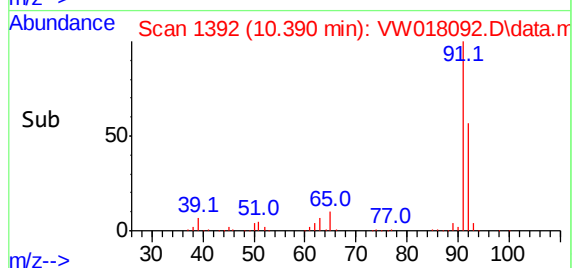
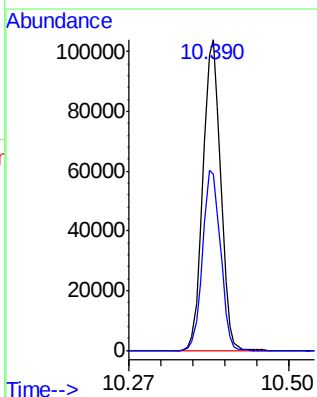
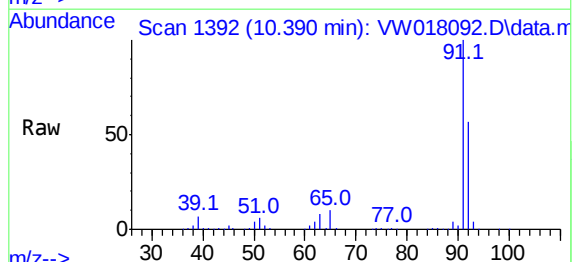
Instrument :
 MSVOA_W
 ClientSampled :
 DBH16MSD

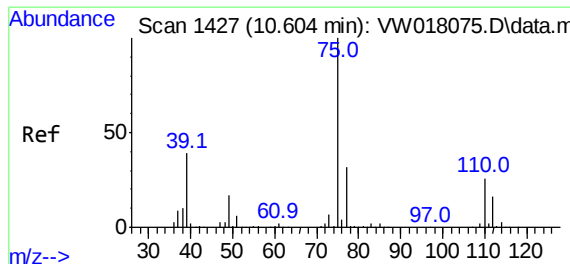
Tgt Ion: 75 Resp: 1407
 Ion Ratio Lower Upper
 75 100
 77 58.9 22.7 42.3#



#44
 Toluene
 Concen: 22.34 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.006 min
 Lab File: VW018092.D
 Acq: 11 Feb 2021 18:01

Tgt Ion: 91 Resp: 182987
 Ion Ratio Lower Upper
 91 100
 92 57.0 41.6 77.3

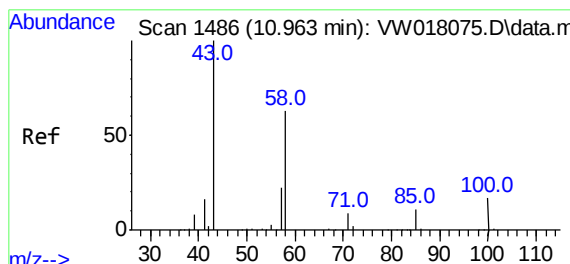
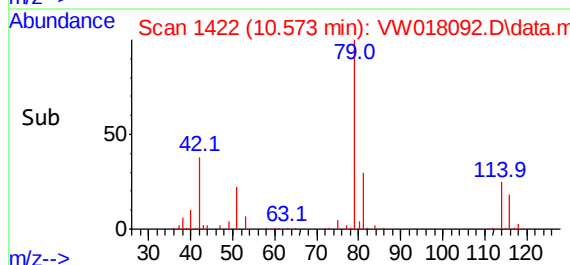
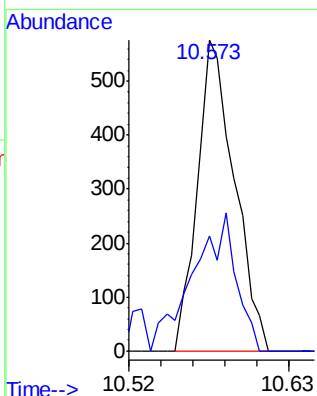
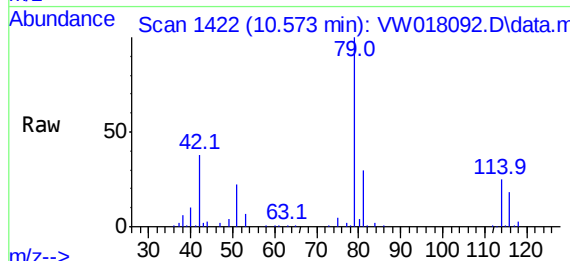




#45
trans-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

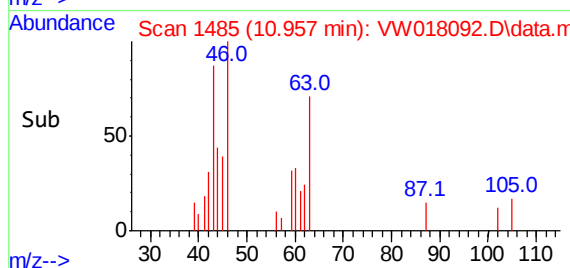
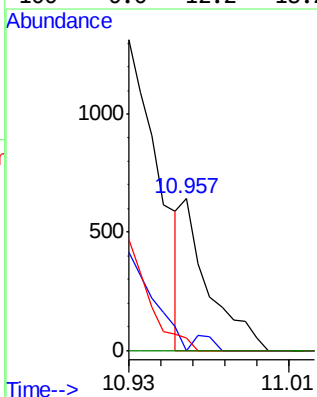
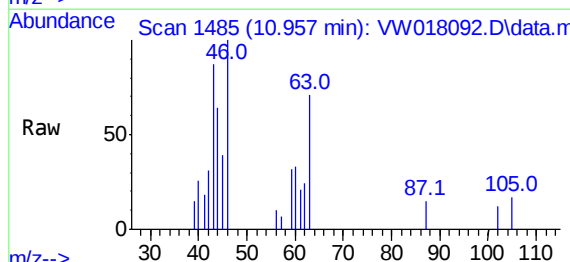
Instrument :
MSVOA_W
ClientSampled :
DBH16MSD

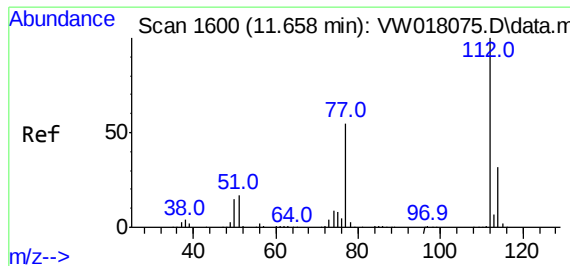
Tgt Ion: 75 Resp: 1066
Ion Ratio Lower Upper
75 100
77 37.0 22.6 42.0



#49
2-Hexanone
Concen: 0.86 ug/L
RT: 10.957 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 7.0 51.3 76.9#
57 0.0 15.0 22.6#
100 0.0 12.2 18.2#

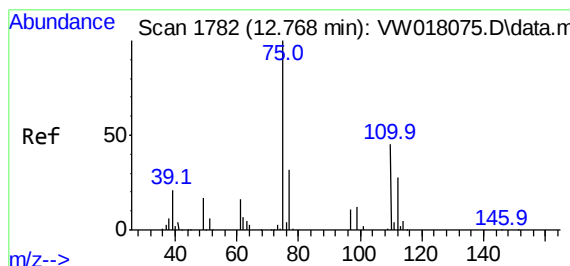
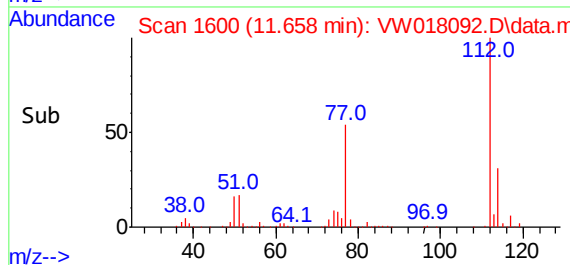
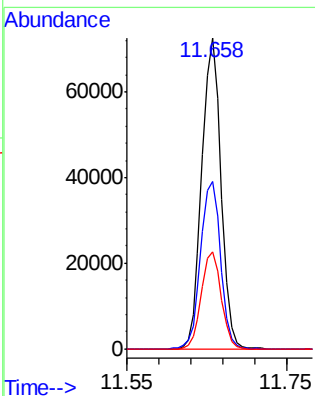
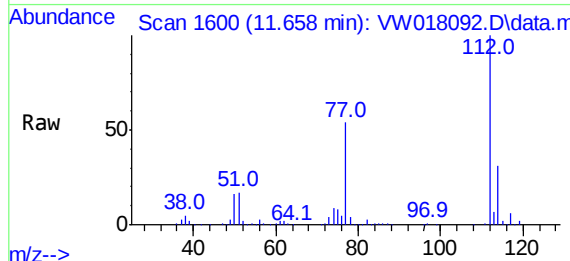




#52
Chlorobenzene
Concen: 22.45 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

Instrument :
MSVOA_W
ClientSampleId :
DBH16MSD

Tgt Ion:112 Resp: 121158
Ion Ratio Lower Upper
112 100
77 53.7 42.6 64.0
114 31.4 21.6 40.2



#59
1,2,3-Trichloropropane
Concen: 4.54 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018092.D
Acq: 11 Feb 2021 18:01

Tgt Ion: 75 Resp: 5926
Ion Ratio Lower Upper
75 100
77 31.9 26.6 39.8

