

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018144.D
 Acq On : 15 Feb 2021 18:39
 Operator : SY/VA
 Sample : M1370-23RE
 Misc : 6.98G/10ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH00RE

Quant Time: Feb 16 02:27:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

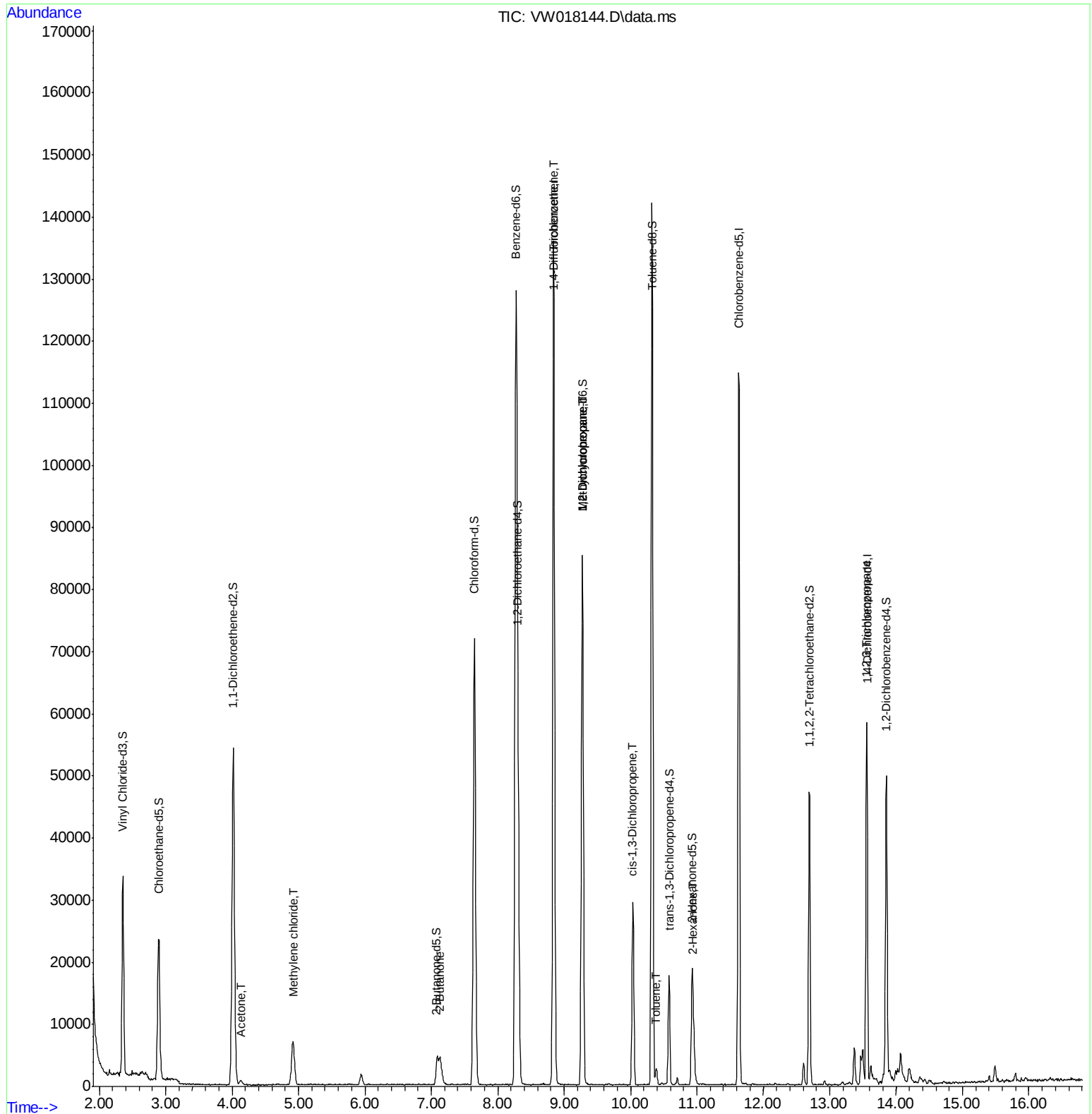
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	121707	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	69389	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	16961	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	33259	21.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.96%		
7) Chloroethane-d5	2.892	69	30463	25.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	101.52%		
10) 1,1-Dichloroethene-d2	4.013	63	51721	17.10	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.40%		
20) 2-Butanone-d5	7.080	46	6259	15.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	31.02%		
24) Chloroform-d	7.647	84	77475	24.26	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.04%		
26) 1,2-Dichloroethane-d4	8.305	65	40622	23.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.52%		
29) Benzene-d6	8.275	84	138327	36.30	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	145.20%#		
33) 1,2-Dichloropropane-d6	9.275	67	39395	36.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	147.88%#		
37) Toluene-d8	10.323	98	95550	26.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.44%		
38) trans-1,3-Dichloroprop...	10.579	79	10415	21.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.24%		
39) 2-Hexanone-d5	10.927	63	5573	27.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	54.70%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	23918	25.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.20%		
61) 1,2-Dichlorobenzene-d4	13.853	152	13509	22.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.32%		
Target Compounds						Qvalue
13) Acetone	4.135	43	1426	4.78	ug/L	83
16) Methylene chloride	4.922	84	5768	2.96	ug/L	84
21) 2-Butanone	7.135	43	4706	10.35	ug/L #	46
35) Trichloroethene	8.848	95	3607	3.16	ug/L #	3
36) Methylcyclohexane	9.275	83	10611	5.52	ug/L #	19
40) 1,2-Dichloropropane	9.275	63	4641	4.99	ug/L #	84
42) cis-1,3-Dichloropropene	10.031	75	726	0.48	ug/L	89
44) Toluene	10.384	91	2327	0.52	ug/L	89
49) 2-Hexanone	10.945	43	4634	11.52	ug/L #	38
59) 1,2,3-Trichloropropane	13.554	75	1715	2.41	ug/L	93

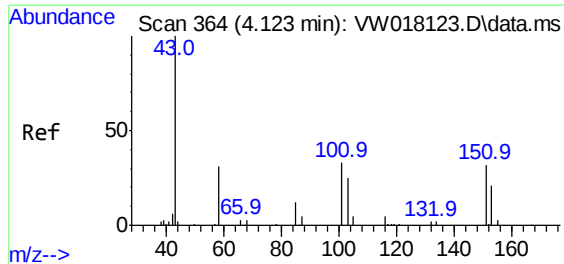
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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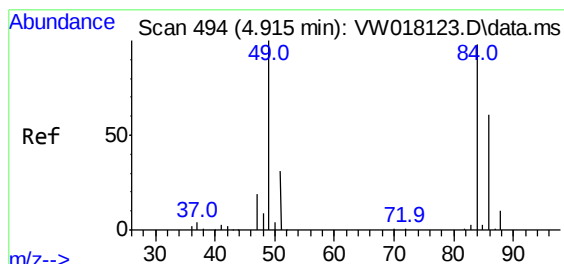
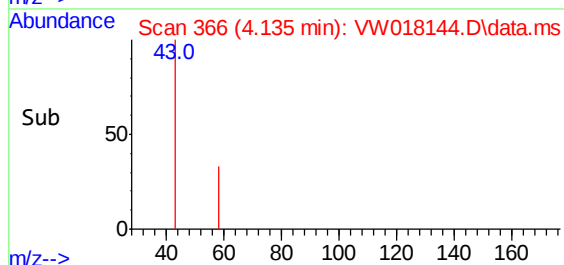
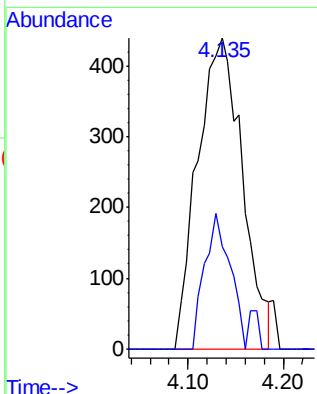
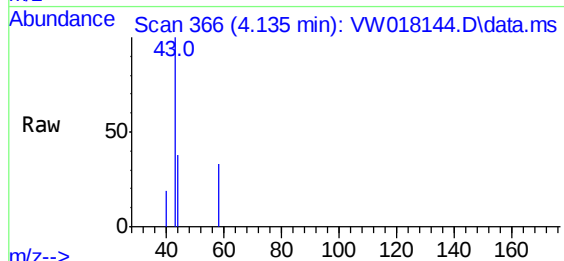




#13
Acetone
Concen: 4.78 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018144.D
Acq: 15 Feb 2021 18:39

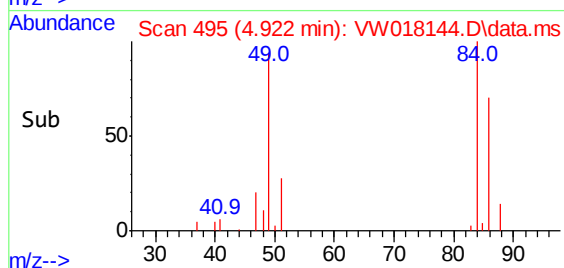
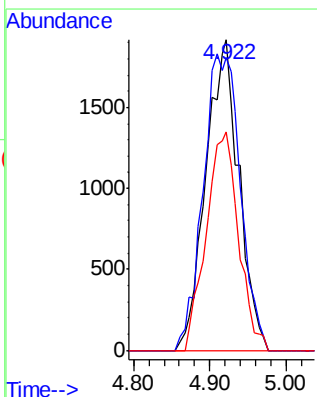
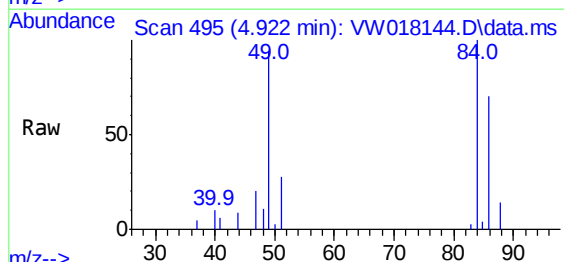
Instrument :
MSVOA_W
ClientSampleId :
DBH00RE

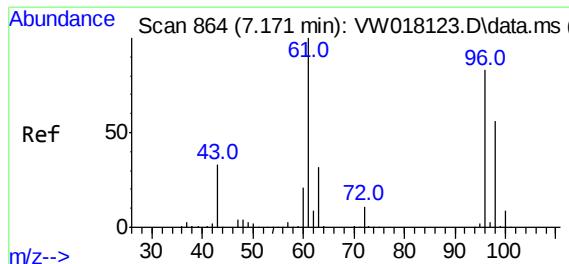
Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
58 24.7 0.0 68.4



#16
Methylene chloride
Concen: 2.96 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018144.D
Acq: 15 Feb 2021 18:39

Tgt Ion: 84 Resp: 5768
Ion Ratio Lower Upper
84 100
49 94.2 81.2 150.8
86 70.2 44.5 82.7

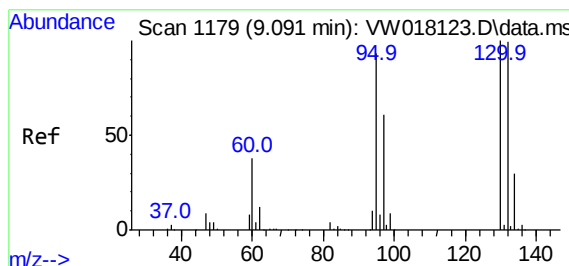
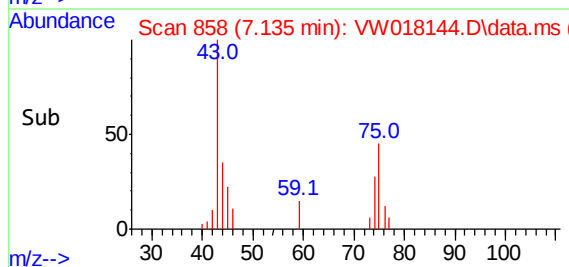
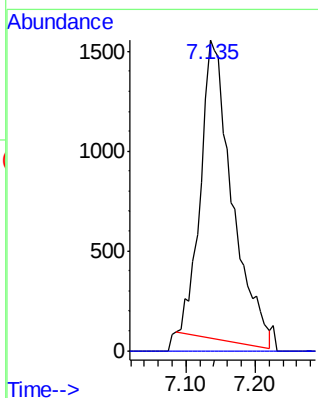
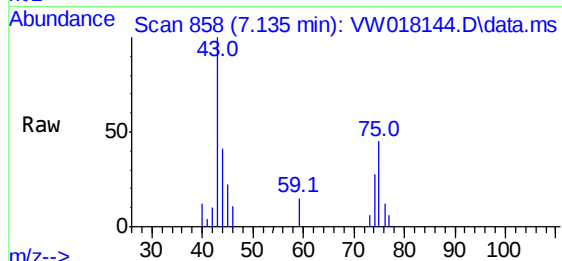




#21
2-Butanone
Concen: 10.35 ug/L
RT: 7.135 min Scan# 858
Delta R.T. -0.036 min
Lab File: VW018144.D
Acq: 15 Feb 2021 18:39

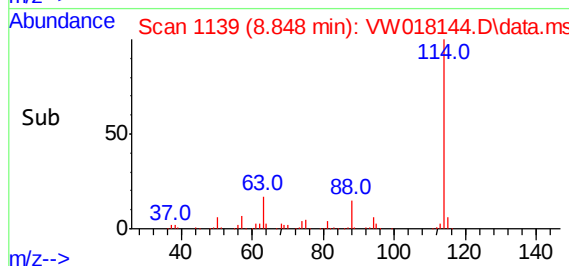
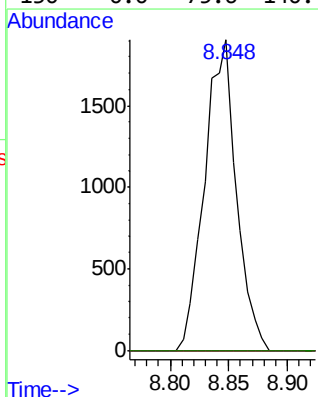
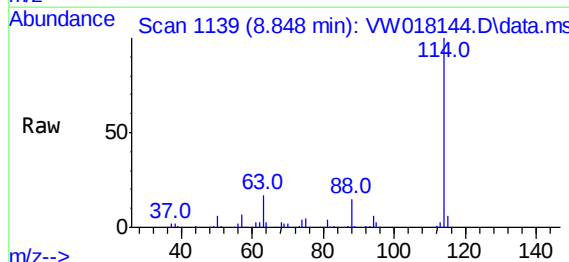
Instrument :
MSVOA_W
ClientSampled :
DBH00RE

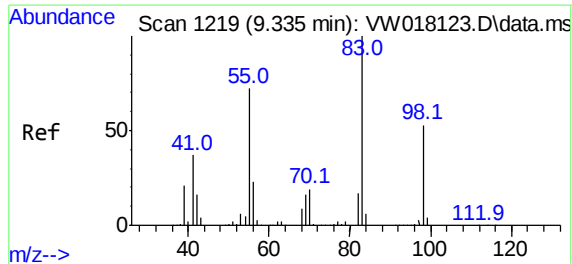
Tgt Ion: 43 Resp: 4706
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 3.16 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018144.D
Acq: 15 Feb 2021 18:39

Tgt Ion: 95 Resp: 3607
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#

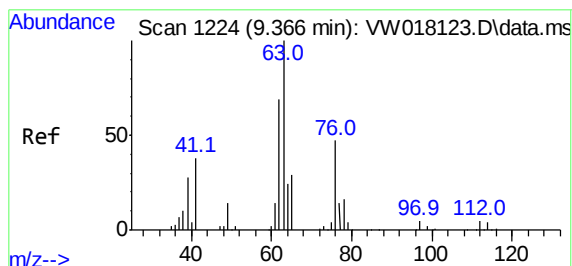
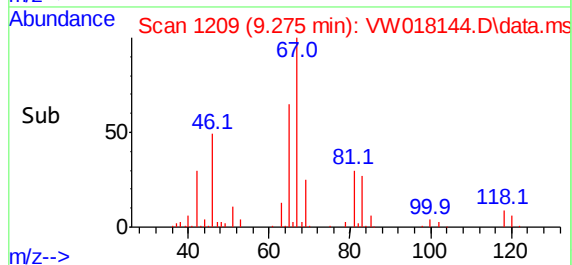
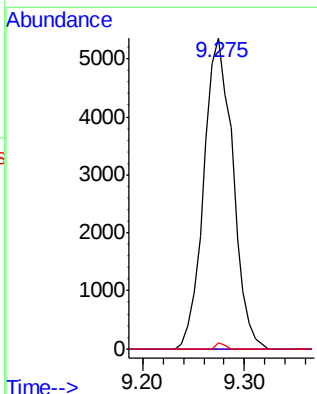
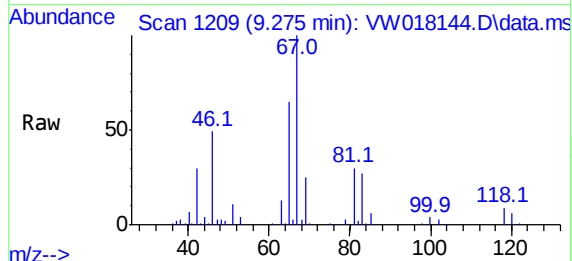




#36
Methylcyclohexane
Concen: 5.52 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018144.D
Acq: 15 Feb 2021 18:39

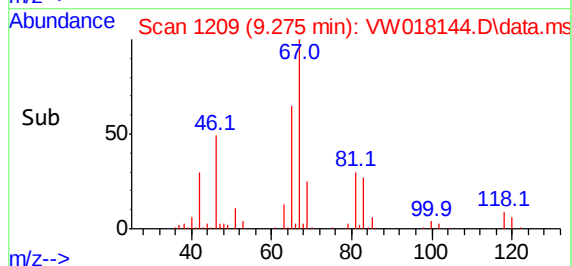
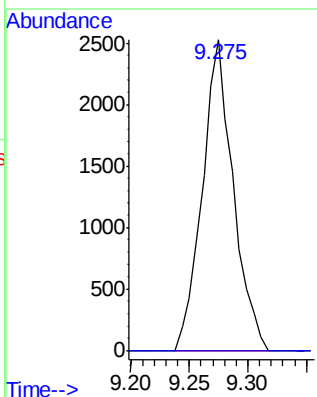
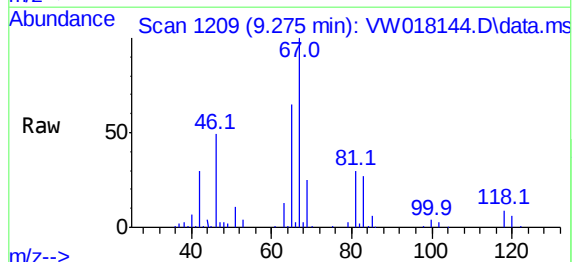
Instrument :
MSVOA_W
ClientSampleId :
DBH00RE

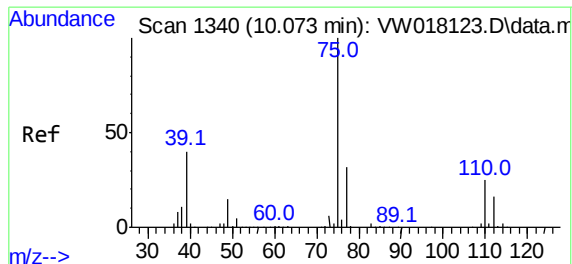
Tgt Ion: 83 Resp: 10611
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.6 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 4.99 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018144.D
Acq: 15 Feb 2021 18:39

Tgt Ion: 63 Resp: 4641
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

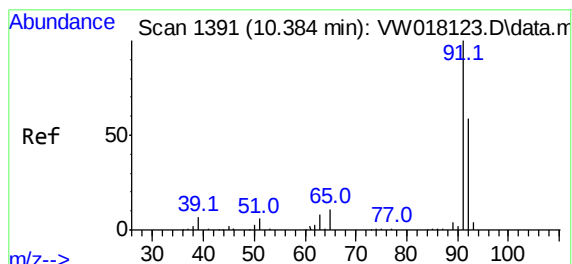
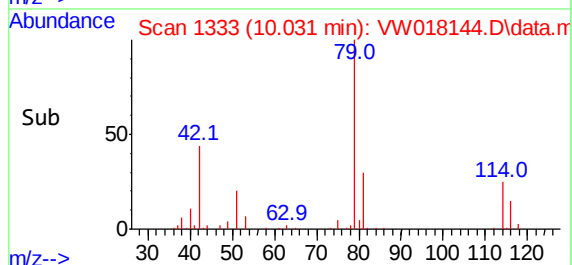
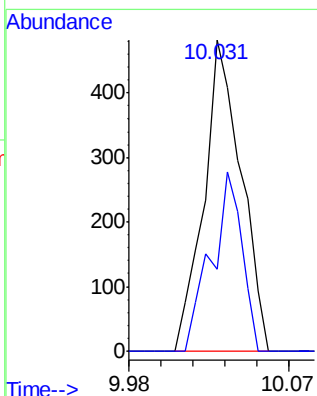
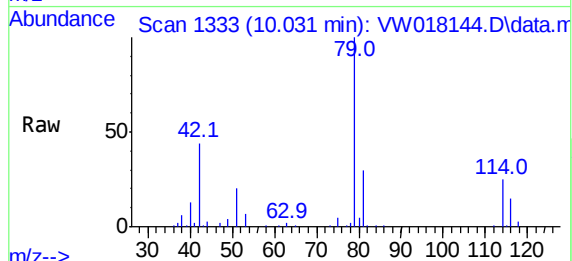




#42
cis-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.042 min
Lab File: VW018144.D
Acq: 15 Feb 2021 18:39

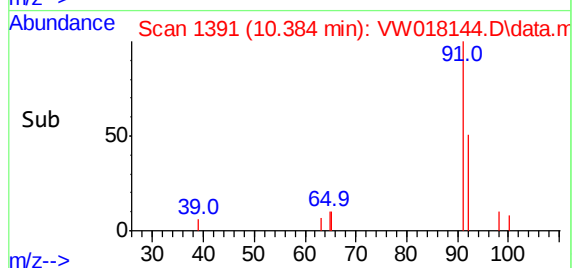
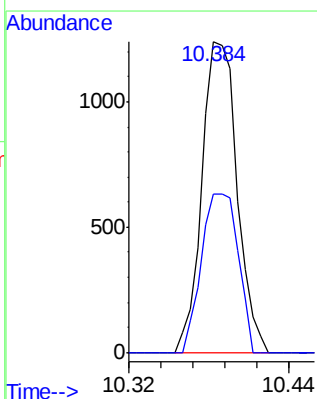
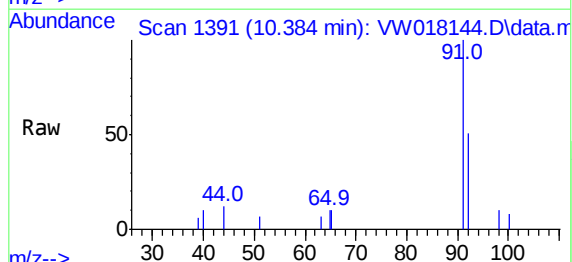
Instrument :
MSVOA_W
ClientSampled :
DBH00RE

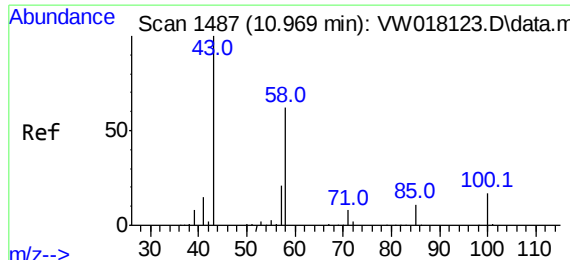
Tgt Ion: 75 Resp: 726
Ion Ratio Lower Upper
75 100
77 26.1 22.7 42.3



#44
Toluene
Concen: 0.52 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018144.D
Acq: 15 Feb 2021 18:39

Tgt Ion: 91 Resp: 2327
Ion Ratio Lower Upper
91 100
92 51.0 41.6 77.3



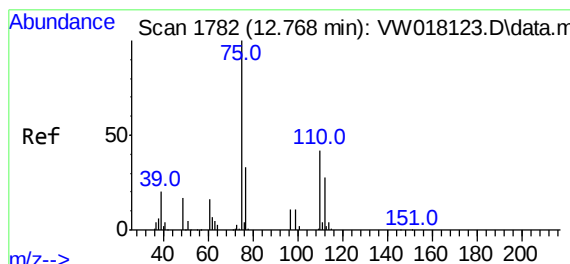
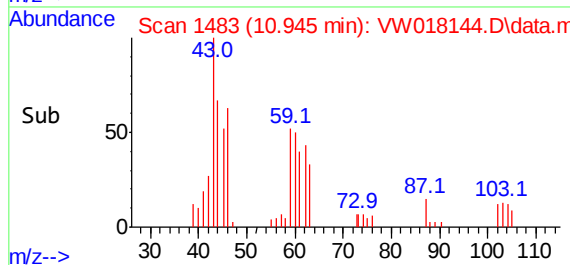
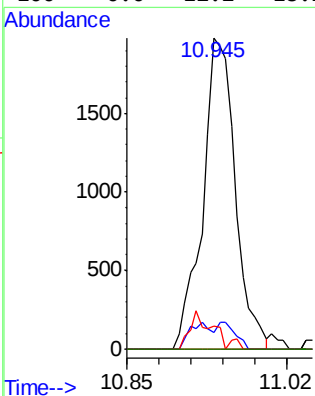
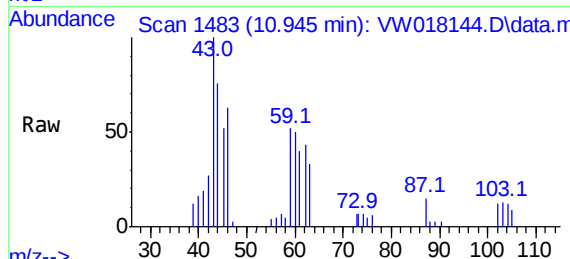


#49
2-Hexanone
Concen: 11.52 ug/L
RT: 10.945 min Scan# 1483
Delta R.T. -0.024 min
Lab File: VW018144.D
Acq: 15 Feb 2021 18:39

Instrument :
MSVOA_W
ClientSampleId :
DBH00RE

Tgt Ion: 43 Resp: 4634

Ion	Ratio	Lower	Upper
43	100		
58	4.6	51.3	76.9#
57	2.2	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 2.41 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018144.D
Acq: 15 Feb 2021 18:39

Tgt Ion: 75 Resp: 1715

Ion	Ratio	Lower	Upper
75	100		
77	37.3	26.6	39.8

