

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018129.D
 Acq On : 15 Feb 2021 12:40
 Operator : SY/VA
 Sample : M1370-22MSD
 Misc : 6.14G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

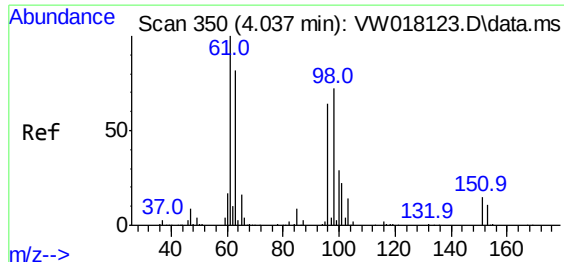
Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ8MSD

Quant Time: Feb 16 02:22:33 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	8.848	114	107986	25.00	ug/L	0.01
28) Chlorobenzene-d5	11.634	117	77166	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	20461	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	22116	16.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.92%		
7) Chloroethane-d5	2.892	69	22744	21.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.40%		
10) 1,1-Dichloroethene-d2	4.025	63	56931	21.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.88%		
20) 2-Butanone-d5	7.080	46	18100	50.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.08%		
24) Chloroform-d	7.647	84	67662	23.88	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.52%		
26) 1,2-Dichloroethane-d4	8.305	65	37425	24.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.16%		
29) Benzene-d6	8.275	84	125468	29.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	118.44%		
33) 1,2-Dichloropropane-d6	9.274	67	37912	31.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	127.96%#		
37) Toluene-d8	10.323	98	100894	25.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.12%		
38) trans-1,3-Dichloroprop...	10.579	79	13976	26.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	104.08%		
39) 2-Hexanone-d5	10.927	63	14558	64.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.50%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	32054	30.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	123.16%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	20354	27.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	111.56%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	31466	21.81	ug/L	82
13) Acetone	4.123	43	3661	13.82	ug/L	74
16) Methylene chloride	4.922	84	2656	1.53	ug/L #	76
21) 2-Butanone	7.159	43	386	0.96	ug/L #	46
27) 1,2-Dichloroethane	8.323	62	1005	0.57	ug/L #	73
34) Benzene	8.323	78	129115	28.63	ug/L	100
35) Trichloroethene	9.092	95	31586	24.85	ug/L	98
40) 1,2-Dichloropropane	9.274	63	4216	4.07	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	955	0.57	ug/L #	64
44) Toluene	10.390	91	124291	25.04	ug/L	98
45) trans-1,3-Dichloropropene	10.579	75	558	0.38	ug/L #	35
49) 2-Hexanone	10.951	43	269	0.60	ug/L #	33
52) Chlorobenzene	11.658	112	66392	20.30	ug/L	93
59) 1,2,3-Trichloropropane	13.554	75	2082	2.63	ug/L	89

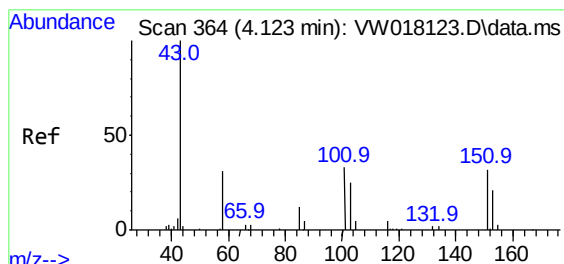
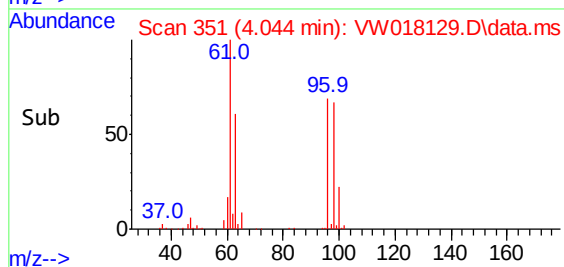
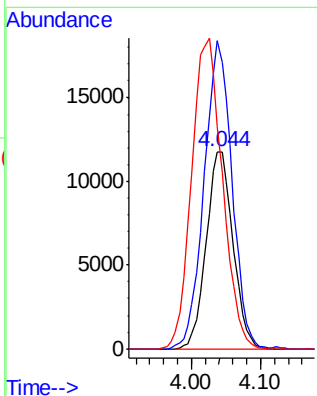
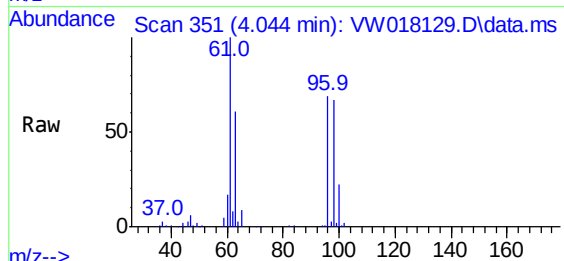
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
1,1-Dichloroethene
Concen: 21.81 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

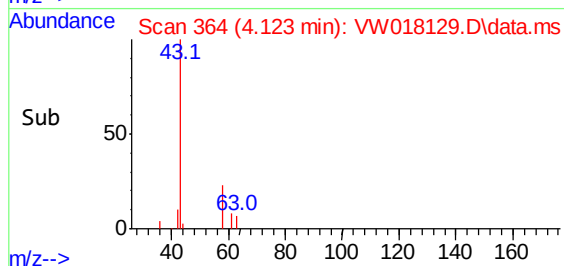
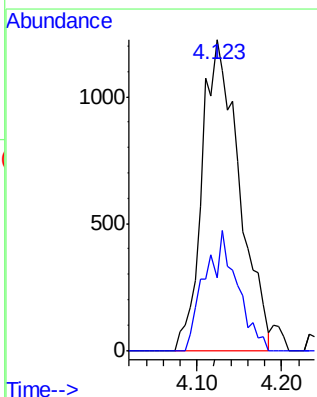
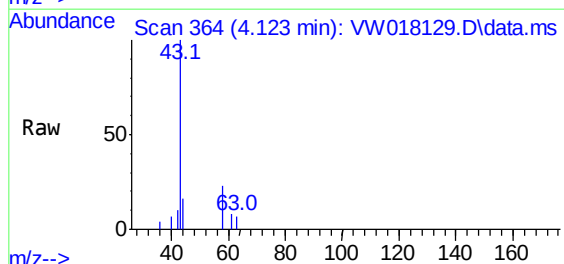
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

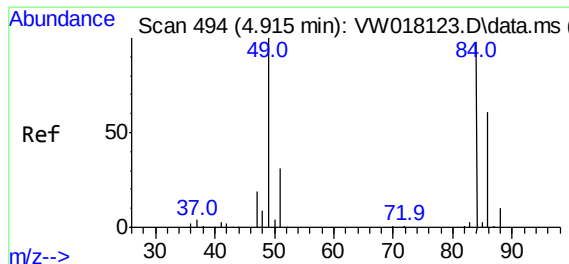
Tgt Ion: 96 Resp: 31466
Ion Ratio Lower Upper
96 100
61 145.4 112.5 208.9
63 89.2 83.1 154.3



#13
Acetone
Concen: 13.82 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

Tgt Ion: 43 Resp: 3661
Ion Ratio Lower Upper
43 100
58 19.0 0.0 68.4

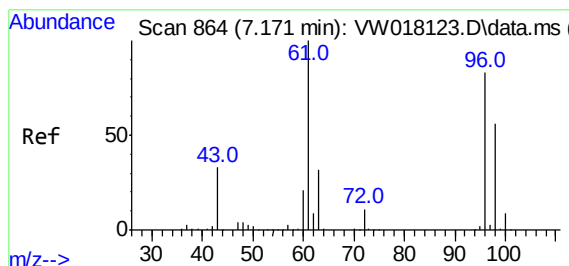
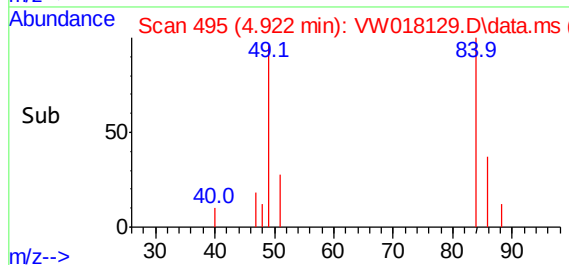
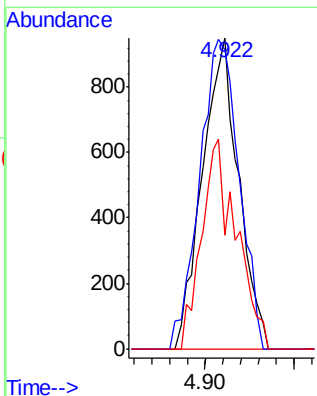
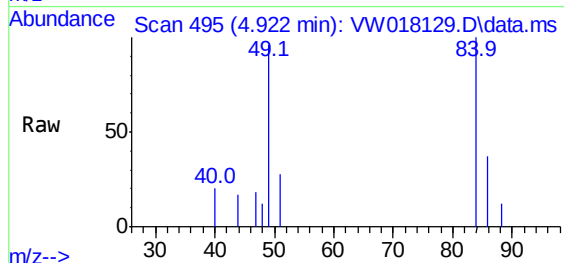




#16
Methylene chloride
Concen: 1.53 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

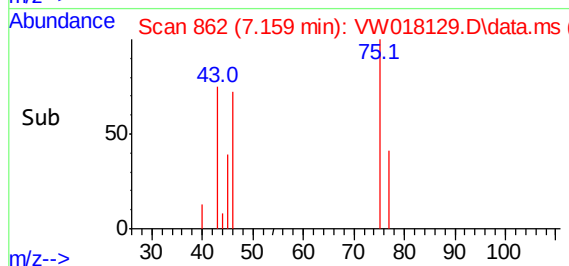
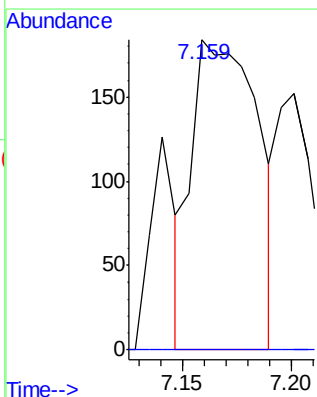
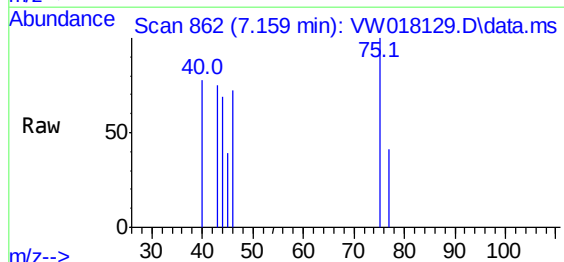
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

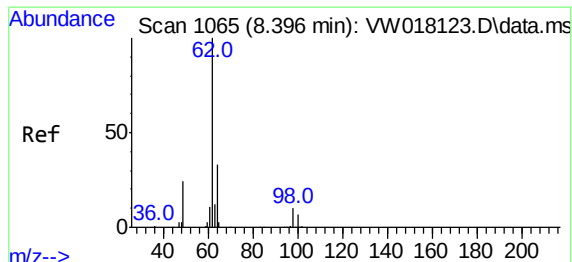
Tgt Ion: 84 Resp: 2656
Ion Ratio Lower Upper
84 100
49 96.1 81.2 150.8
86 36.7 44.5 82.7#



#21
2-Butanone
Concen: 0.96 ug/L
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#

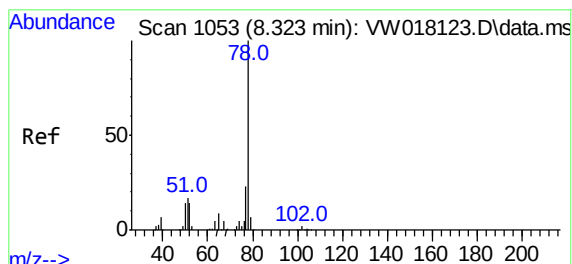
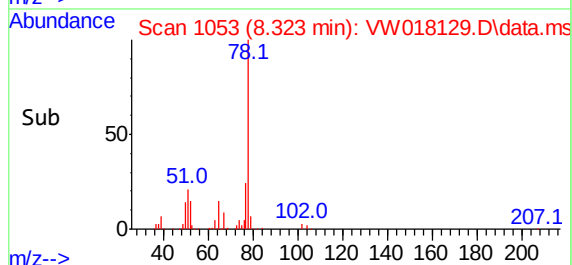
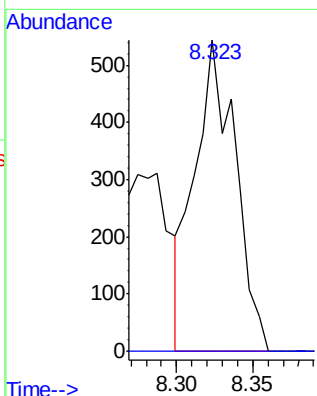
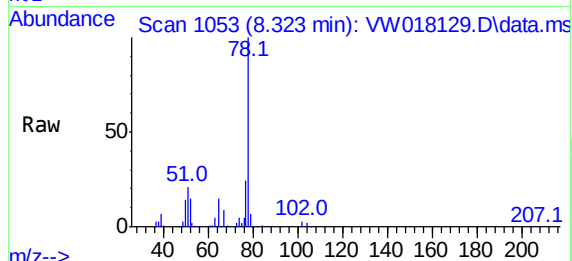




#27
1,2-Dichloroethane
Concen: 0.57 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.073 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

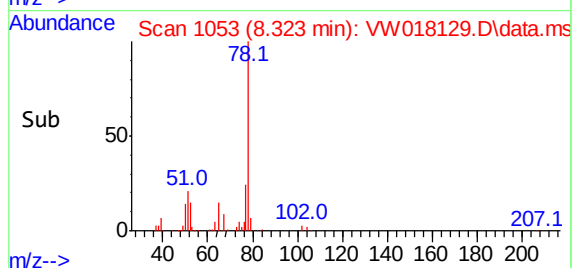
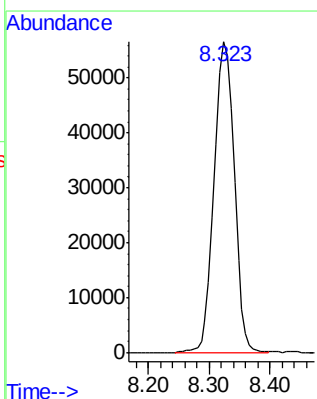
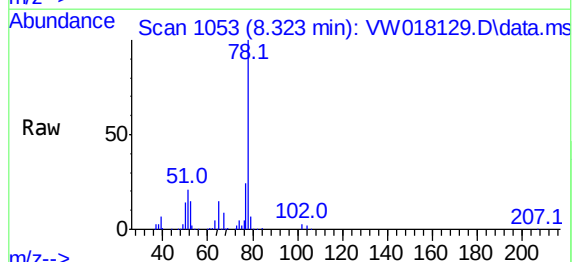
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

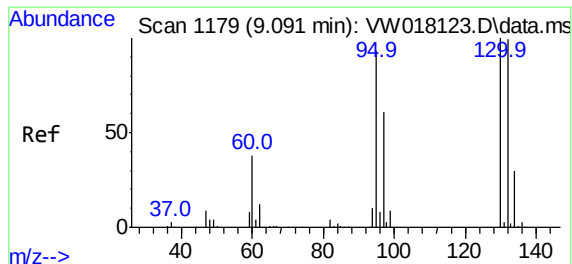
Tgt Ion: 62 Resp: 1005
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



#34
Benzene
Concen: 28.63 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

Tgt Ion: 78 Resp: 129115



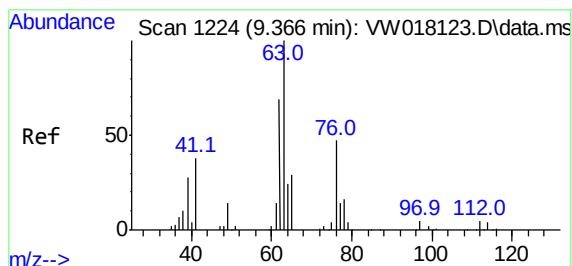
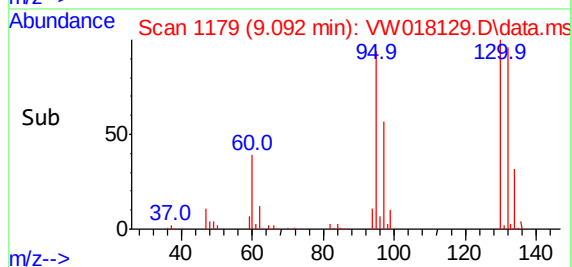
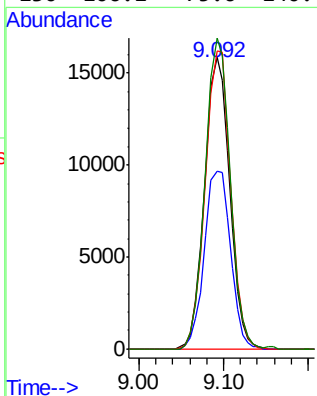
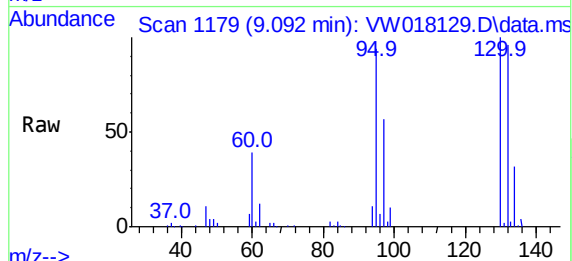


#35
Trichloroethene
Concen: 24.85 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

Tgt Ion: 95 Resp: 31586

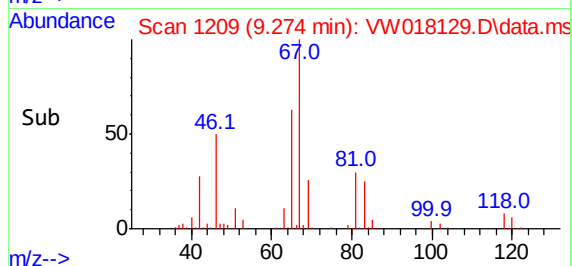
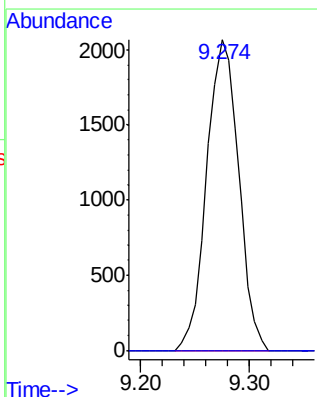
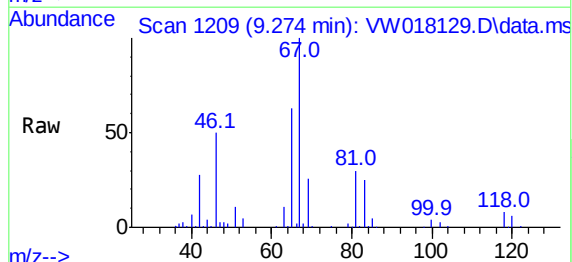
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.0	83.6
132	103.7	71.0	131.8
130	106.1	75.6	140.4

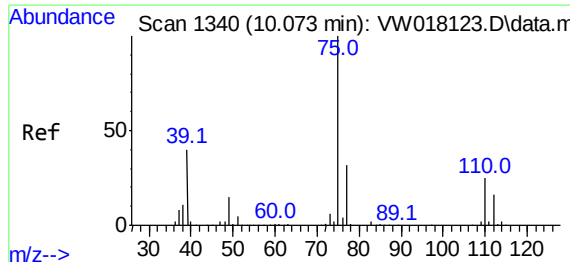


#40
1,2-Dichloropropane
Concen: 4.07 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

Tgt Ion: 63 Resp: 4216

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#

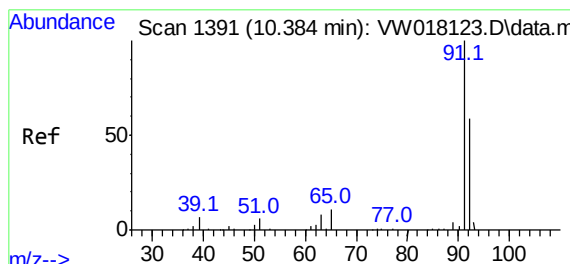
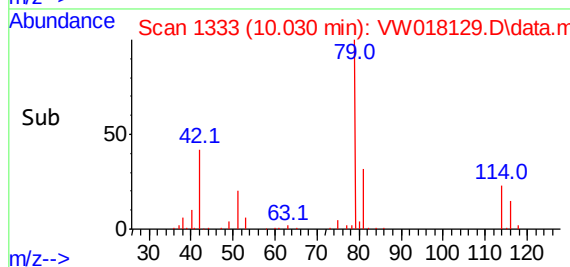
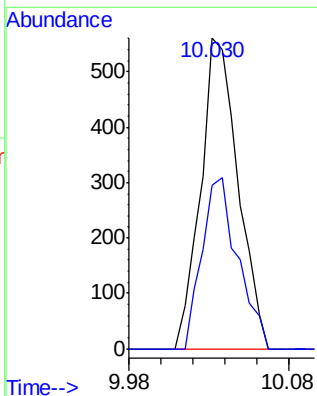
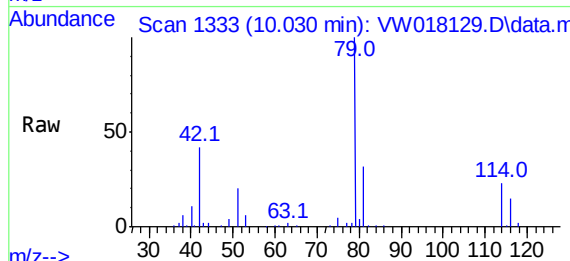




#42
cis-1,3-Dichloropropene
Concen: 0.57 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

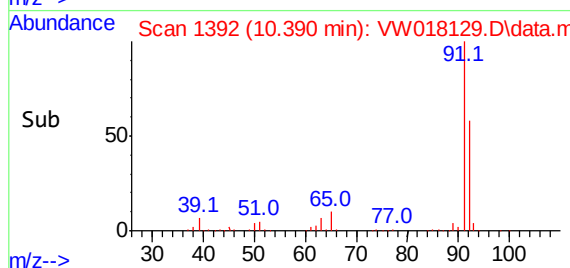
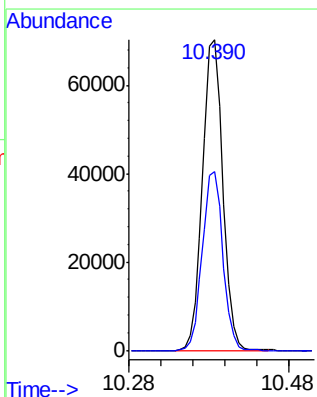
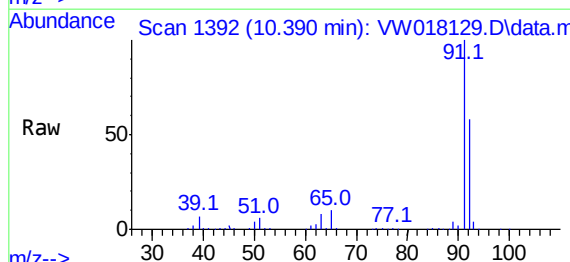
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

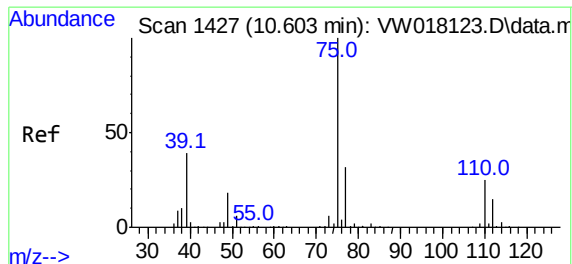
Tgt Ion: 75 Resp: 955
Ion Ratio Lower Upper
75 100
77 52.6 22.7 42.3#



#44
Toluene
Concen: 25.04 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

Tgt Ion: 91 Resp: 124291
Ion Ratio Lower Upper
91 100
92 57.6 41.6 77.3

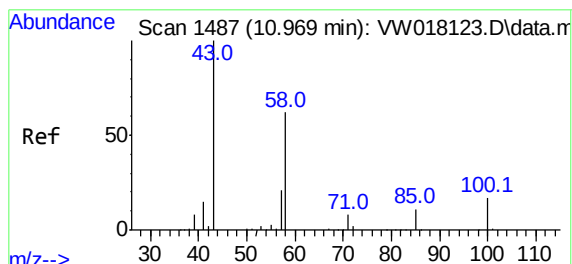
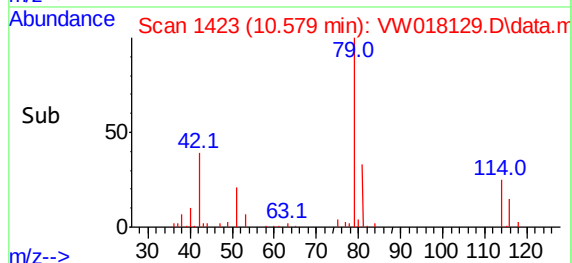
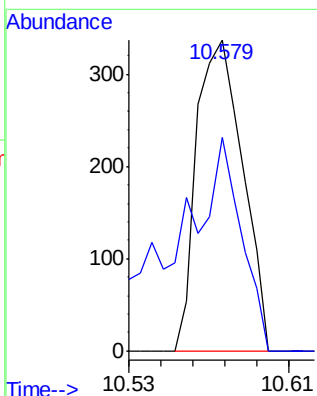
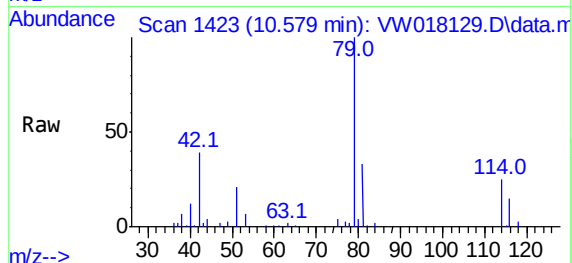




#45
trans-1,3-Dichloropropene
Concen: 0.38 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

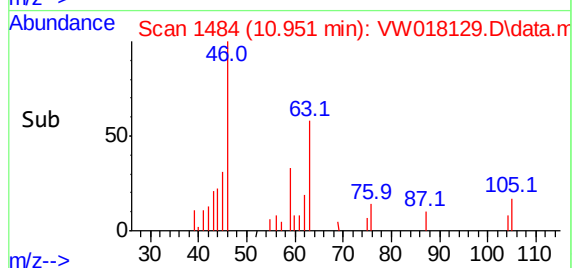
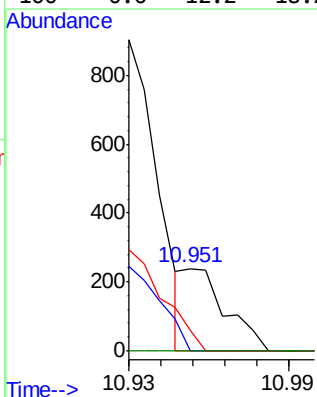
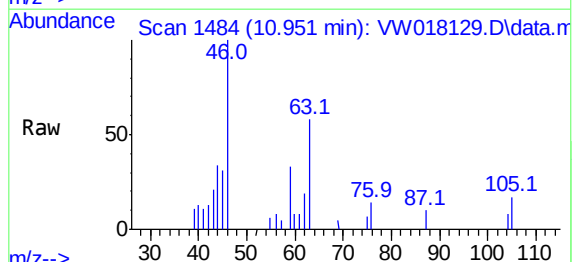
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

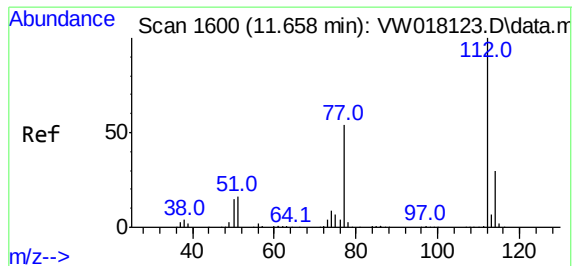
Tgt Ion: 75 Resp: 558
Ion Ratio Lower Upper
75 100
77 68.8 22.6 42.0#



#49
2-Hexanone
Concen: 0.60 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

Tgt Ion: 43 Resp: 269
Ion Ratio Lower Upper
43 100
58 0.0 51.3 76.9#
57 0.0 15.0 22.6#
100 0.0 12.2 18.2#



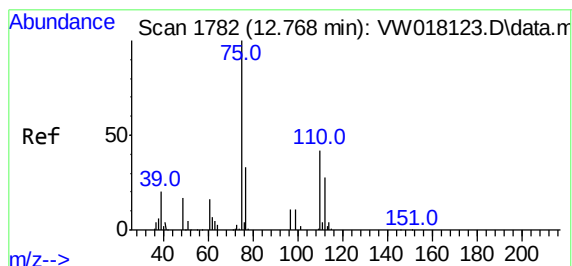
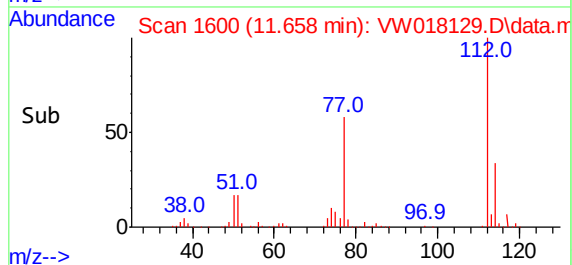
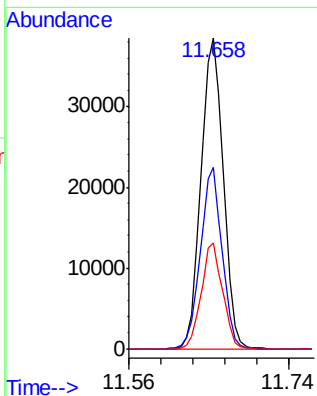
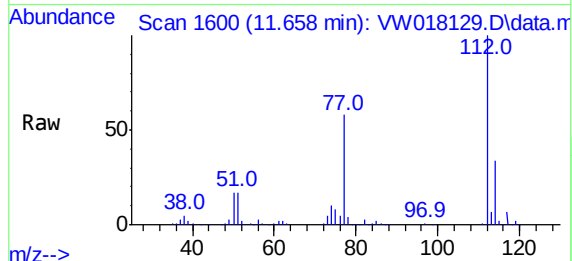


#52
Chlorobenzene
Concen: 20.30 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

Tgt Ion: 112 Resp: 66392

Ion	Ratio	Lower	Upper
112	100		
77	58.3	42.6	64.0
114	34.2	21.6	40.2



#59
1,2,3-Trichloropropane
Concen: 2.63 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018129.D
Acq: 15 Feb 2021 12:40

Tgt Ion: 75 Resp: 2082

Ion	Ratio	Lower	Upper
75	100		
77	39.4	26.6	39.8

