

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018135.D
 Acq On : 15 Feb 2021 15:04
 Operator : SY/VA
 Sample : M1370-07RE
 Misc : 6.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY3RE

Quant Time: Feb 16 02:24:25 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)

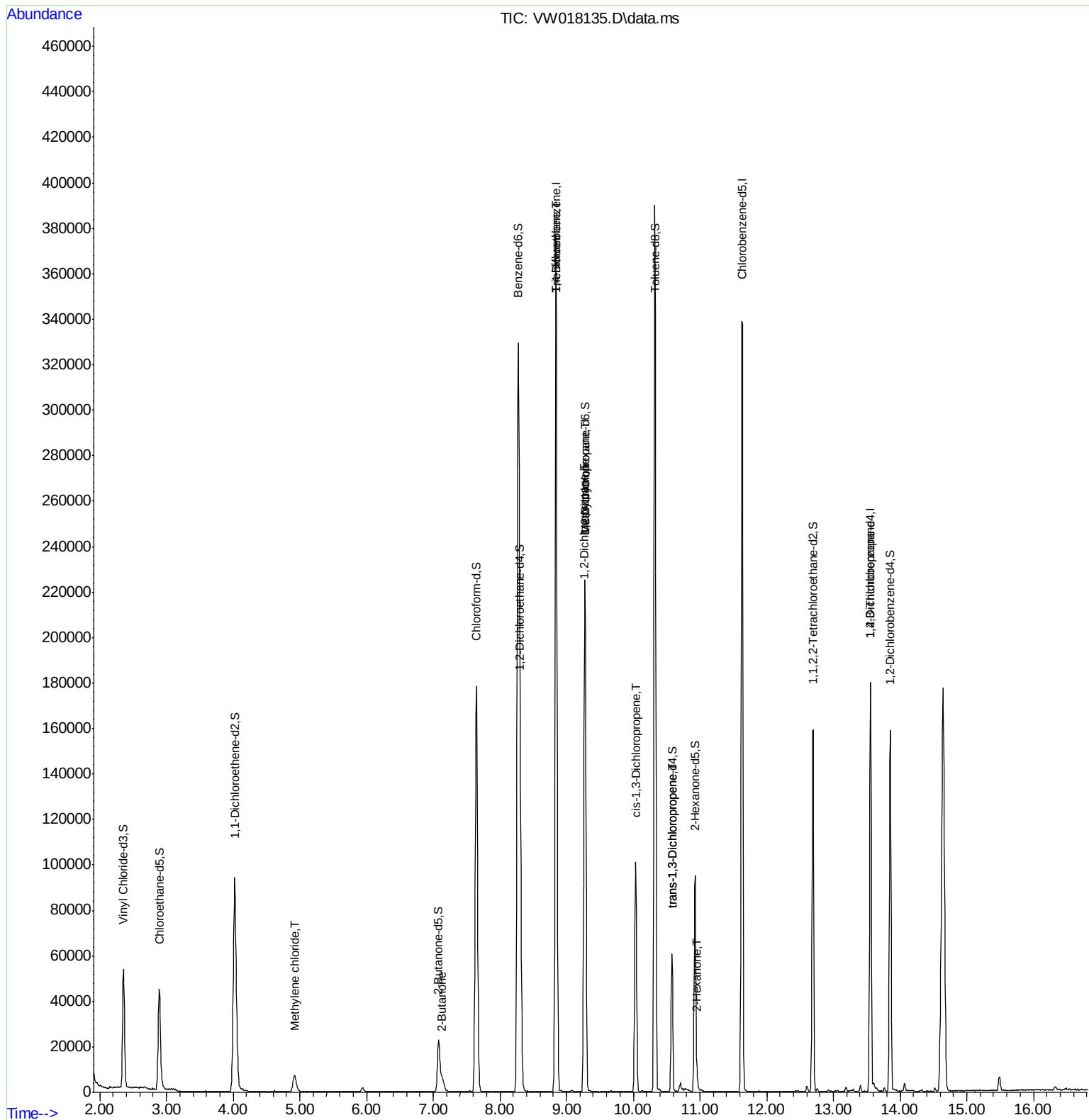
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	333012	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	207748	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	51677	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	62371	15.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.28%		
7) Chloroethane-d5	2.891	69	61178	18.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.48%		
10) 1,1-Dichloroethene-d2	4.025	63	101649	12.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.16%		
20) 2-Butanone-d5	7.080	46	38559	34.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.82%		
24) Chloroform-d	7.646	84	193420	22.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.52%		
26) 1,2-Dichloroethane-d4	8.305	65	106522	22.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.52%		
29) Benzene-d6	8.274	84	353074	30.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	123.80%		
33) 1,2-Dichloropropane-d6	9.274	67	108463	34.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	136.00%#		
37) Toluene-d8	10.323	98	265578	24.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.88%		
38) trans-1,3-Dichloroprop...	10.579	79	35925	24.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.36%		
39) 2-Hexanone-d5	10.926	63	34396	56.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.78%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	79253	28.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.12%		
61) 1,2-Dichlorobenzene-d4	13.853	152	43746	23.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.92%		
Target Compounds						
16) Methylene chloride	4.927	84	7294	1.37	ug/L	80
21) 2-Butanone	7.128	43	2596	2.09	ug/L #	46
35) Trichloroethene	8.841	95	9934	2.90	ug/L #	3
36) Methylcyclohexane	9.274	83	28020	4.87	ug/L #	19
40) 1,2-Dichloropropane	9.268	63	12442	4.47	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2459	0.55	ug/L #	69
45) trans-1,3-Dichloropropene	10.579	75	1394	0.36	ug/L	89
49) 2-Hexanone	10.951	43	3306	2.75	ug/L #	33
59) 1,2,3-Trichloropropane	13.554	75	5396	2.53	ug/L	99

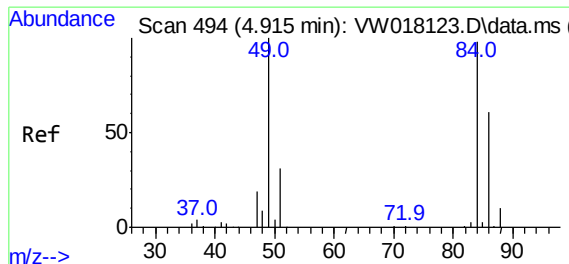
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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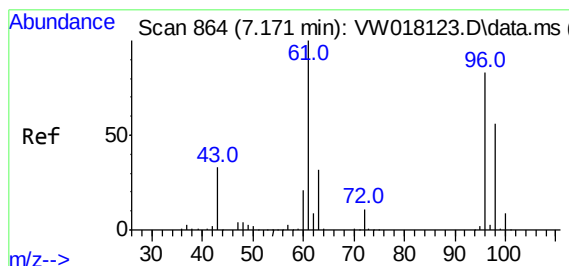
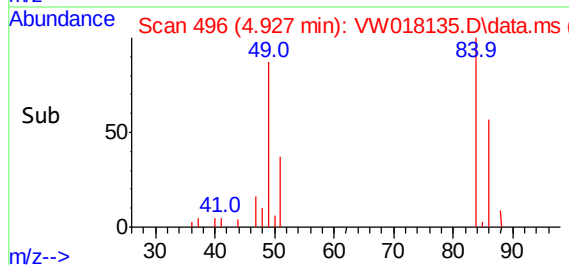
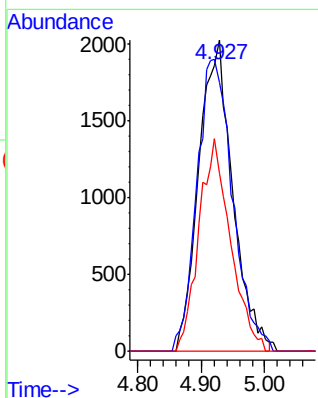
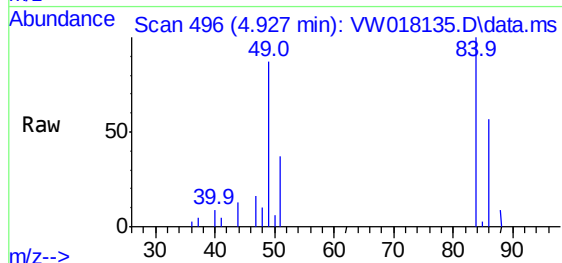


#16
Methylene chloride
Concen: 1.37 ug/L
RT: 4.927 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018135.D
Acq: 15 Feb 2021 15:04

Instrument :
MSVOA_W
ClientSampleId :
DBGY3RE

Tgt Ion: 84 Resp: 7294

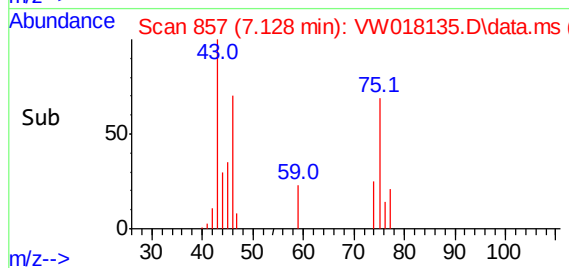
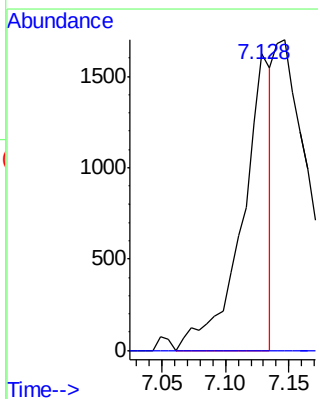
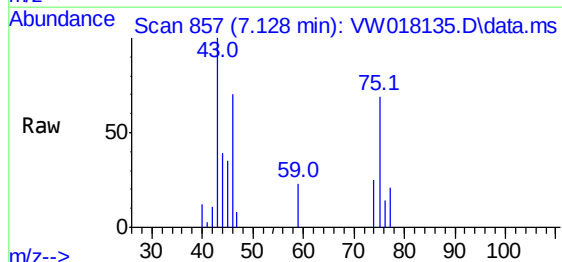
Ion	Ratio	Lower	Upper
84	100		
49	86.6	81.2	150.8
86	57.0	44.5	82.7

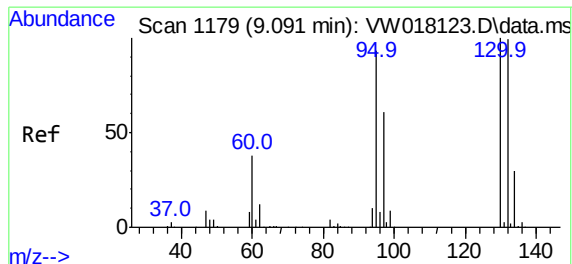


#21
2-Butanone
Concen: 2.09 ug/L
RT: 7.128 min Scan# 857
Delta R.T. -0.043 min
Lab File: VW018135.D
Acq: 15 Feb 2021 15:04

Tgt Ion: 43 Resp: 2596

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.2#



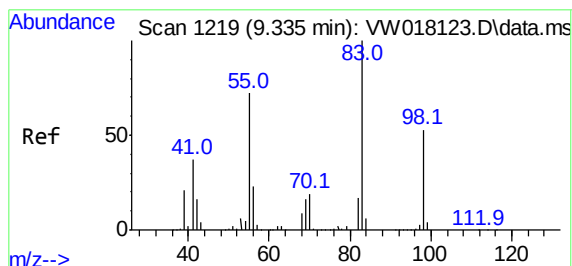
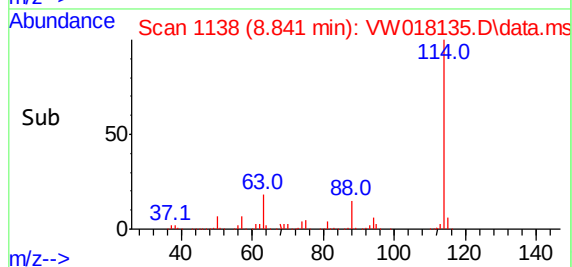
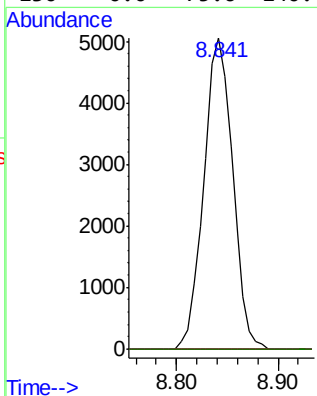
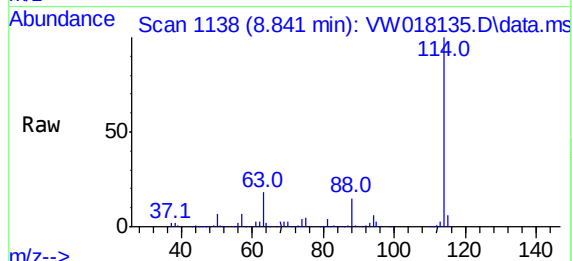


#35
Trichloroethene
Concen: 2.90 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018135.D
Acq: 15 Feb 2021 15:04

Instrument :
MSVOA_W
ClientSampleId :
DBGY3RE

Tgt Ion: 95 Resp: 9934

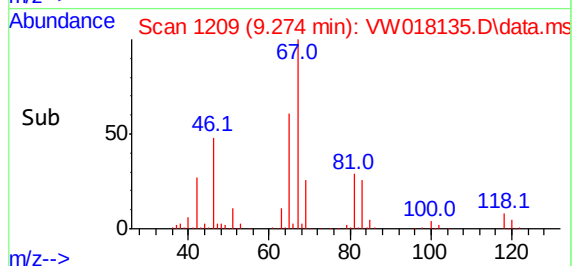
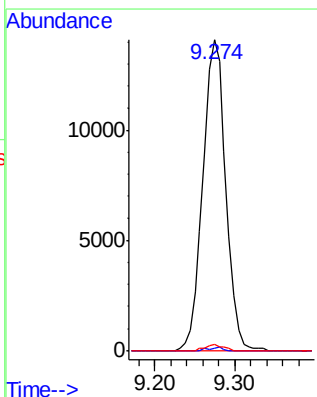
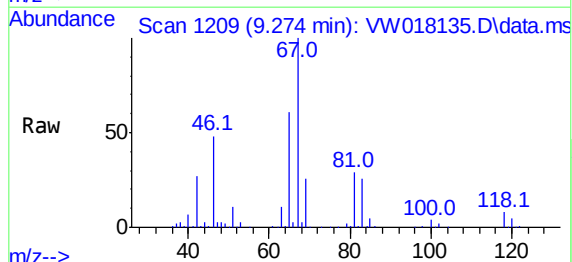
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#

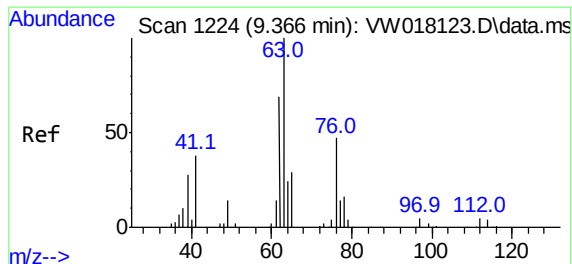


#36
Methylcyclohexane
Concen: 4.87 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018135.D
Acq: 15 Feb 2021 15:04

Tgt Ion: 83 Resp: 28020

Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.4	89.0#
98	1.6	40.7	61.1#

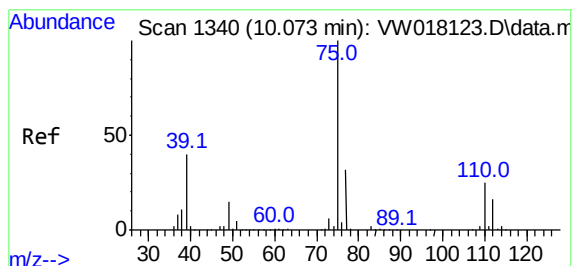
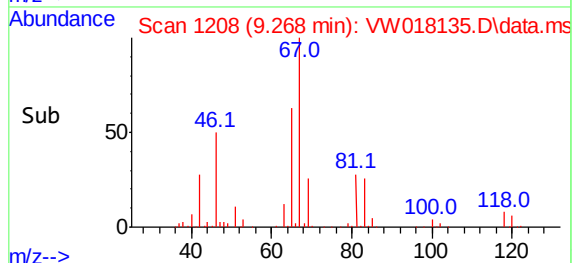
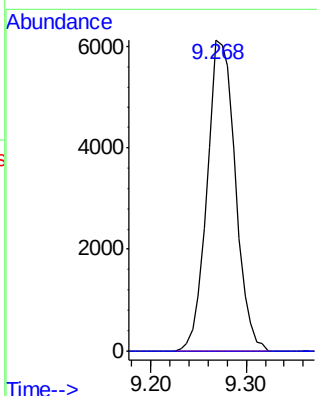
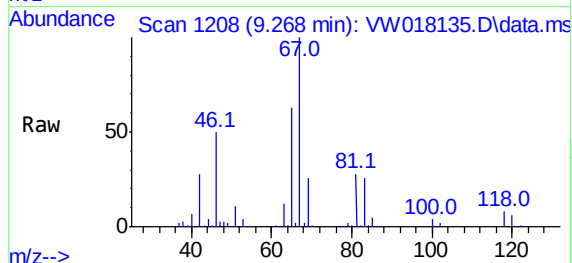




#40
1,2-Dichloropropane
Concen: 4.47 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.098 min
Lab File: VW018135.D
Acq: 15 Feb 2021 15:04

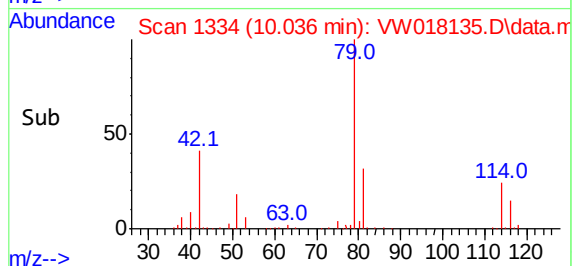
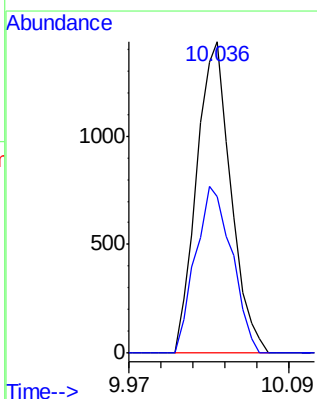
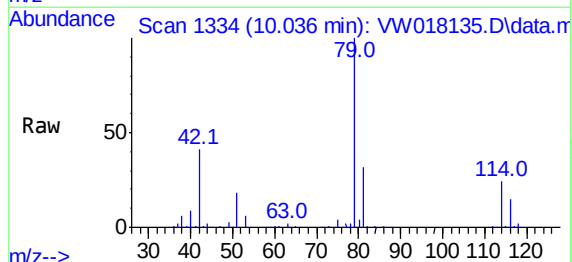
Instrument :
MSVOA_W
ClientSampleId :
DBGY3RE

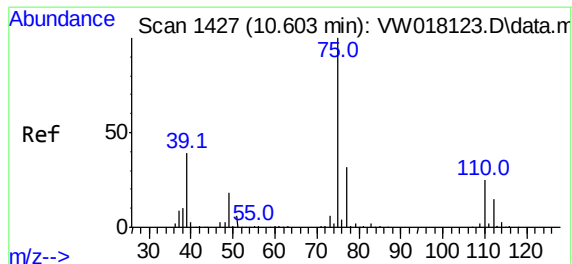
Tgt Ion: 63 Resp: 12442
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.55 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018135.D
Acq: 15 Feb 2021 15:04

Tgt Ion: 75 Resp: 2459
Ion Ratio Lower Upper
75 100
77 50.1 22.7 42.3#

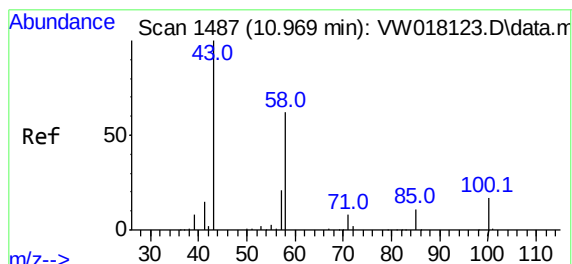
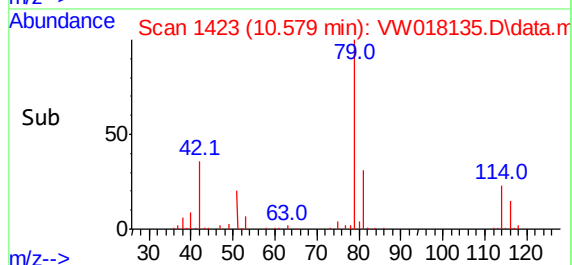
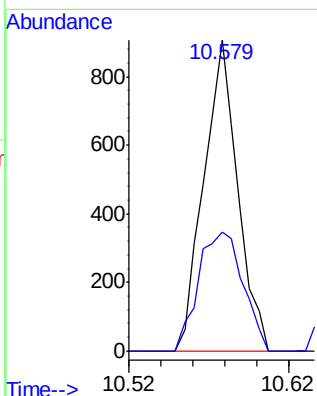
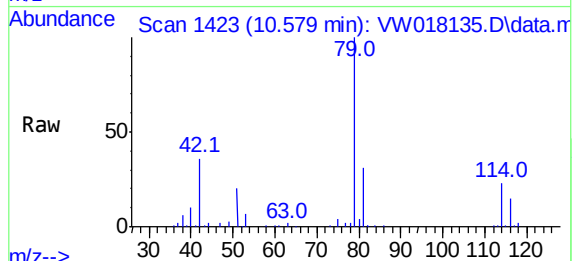




#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018135.D
Acq: 15 Feb 2021 15:04

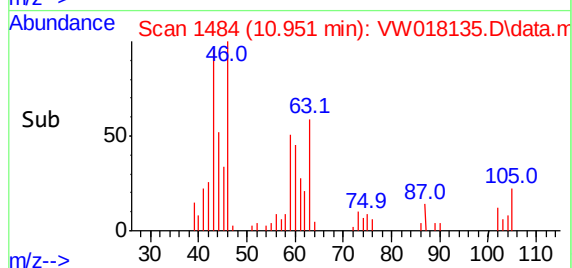
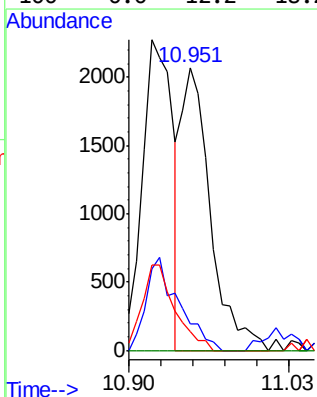
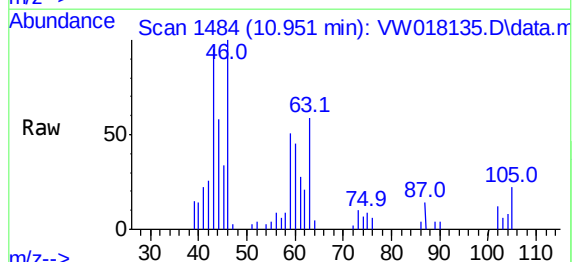
Instrument :
MSVOA_W
ClientSampled :
DBGY3RE

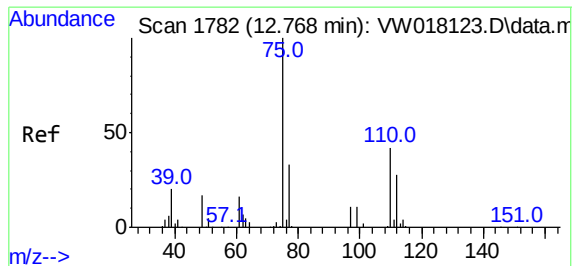
Tgt Ion: 75 Resp: 1394
Ion Ratio Lower Upper
75 100
77 38.4 22.6 42.0



#49
2-Hexanone
Concen: 2.75 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW018135.D
Acq: 15 Feb 2021 15:04

Tgt Ion: 43 Resp: 3306
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#





#59
 1,2,3-Trichloropropane
 Concen: 2.53 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018135.D
 Acq: 15 Feb 2021 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY3RE

Tgt Ion: 75 Resp: 5396
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.6 39.8

