

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018186.D
 Acq On : 17 Feb 2021 14:57
 Operator : SY/VA
 Sample : M1414-21
 Misc : 5.57G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:17:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

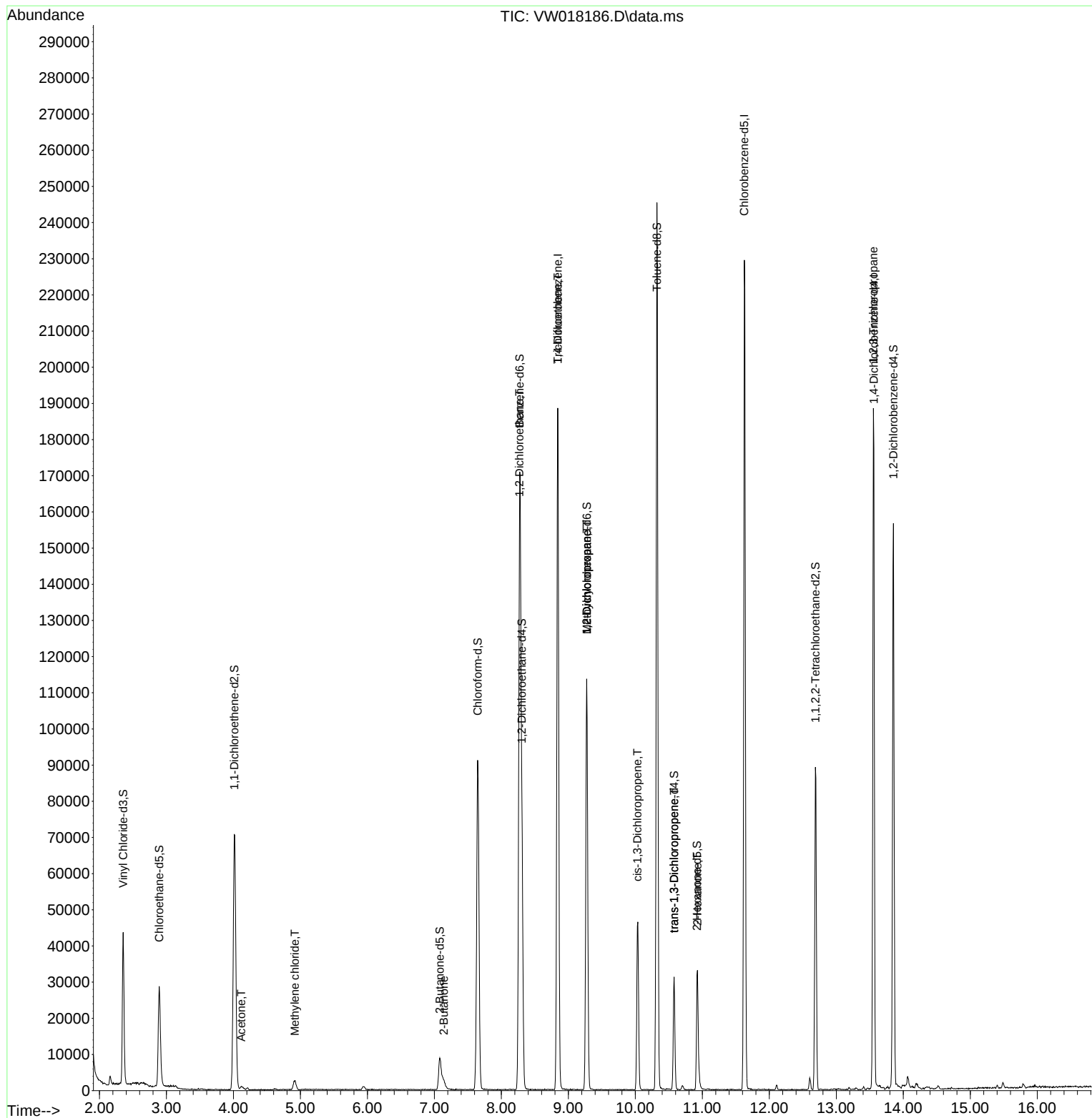
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	168266	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	138297	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	52500	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	44421	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.96%
7) Chloroethane-d5	2.891	69	35542	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
10) 1,1-Dichloroethene-d2	4.013	63	67522	16.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.60%
20) 2-Butanone-d5	7.080	46	14666	26.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.56%
24) Chloroform-d	7.647	84	94936	21.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	8.305	65	52539	22.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.36%
29) Benzene-d6	8.275	84	185616	24.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.76%
33) 1,2-Dichloropropane-d6	9.274	67	53342	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.323	98	166785	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.32%
38) trans-1,3-Dichloroprop...	10.579	79	17911	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.40%
39) 2-Hexanone-d5	10.920	63	12049	29.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.34%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	42355	22.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.80%
61) 1,2-Dichlorobenzene-d4	13.853	152	42765	22.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.32%
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	1030	2.49	ug/L	85
16) Methylene chloride	4.915	84	2074	0.77	ug/L	87
21) 2-Butanone	7.141	43	2526	4.02	ug/L #	46
27) 1,2-Dichloroethane	8.268	62	925	0.34	ug/L #	73
35) Trichloroethene	8.842	95	4686	2.06	ug/L #	3
36) Methylcyclohexane	9.274	83	14030	3.66	ug/L #	18
40) 1,2-Dichloropropane	9.274	63	6037	3.25	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	1203	0.40	ug/L #	69
45) trans-1,3-Dichloropropene	10.579	75	779	0.30	ug/L	95
49) 2-Hexanone	10.927	43	1330	1.66	ug/L #	60
59) 1,2,3-Trichloropropane	13.554	75	5408	3.81	ug/L	99

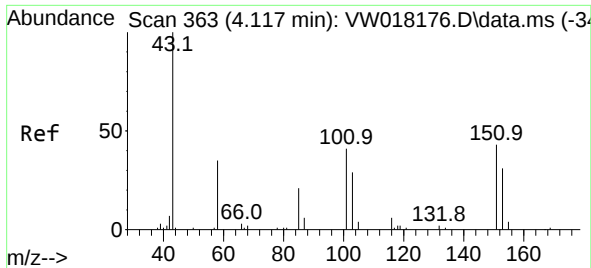
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

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MSVOA_W
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Quant Time: Feb 18 06:17:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 18 06:15:22 2021
Response via : Initial Calibration

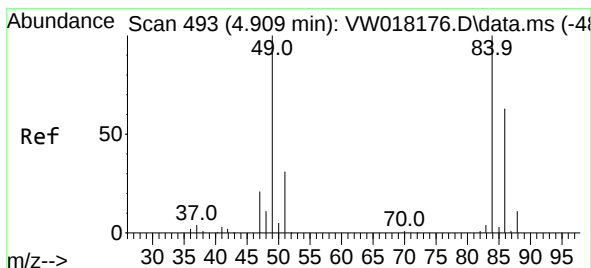
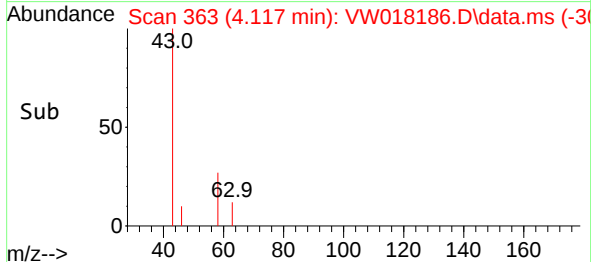
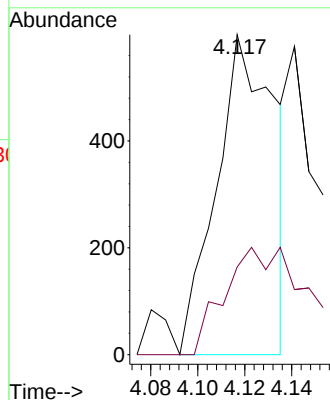
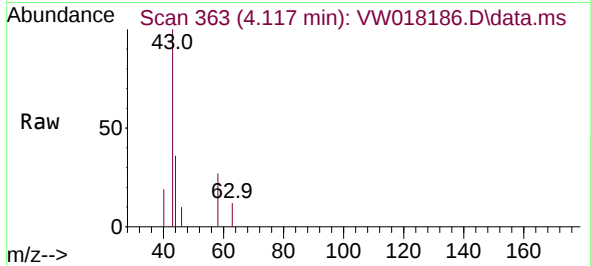




#13
Acetone
Concen: 2.49 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018186.D
Acq: 17 Feb 2021 14:57

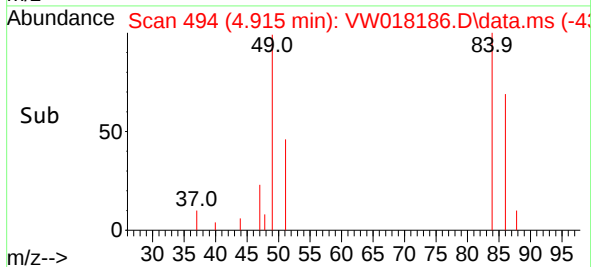
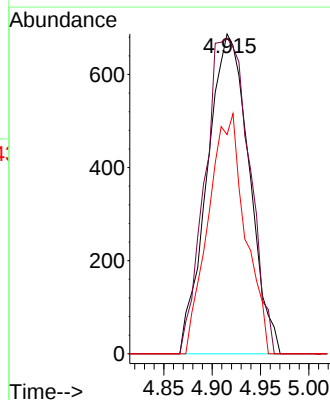
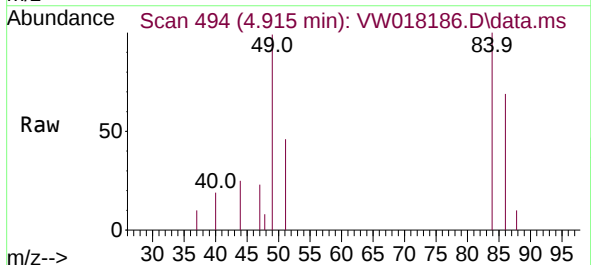
Instrument :
MSVOA_W
ClientSampled :

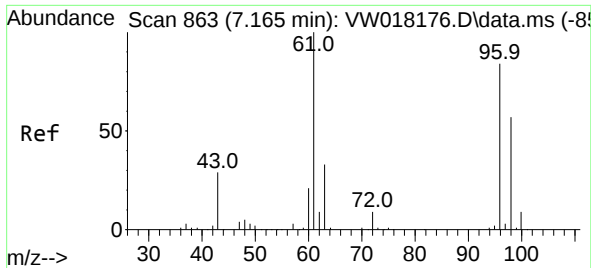
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 25.4 0.0 68.4



#16
Methylene chloride
Concen: 0.77 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018186.D
Acq: 17 Feb 2021 14:57

Tgt Ion: 84 Resp: 2074
Ion Ratio Lower Upper
84 100
49 98.7 81.2 150.8
86 68.6 44.5 82.7

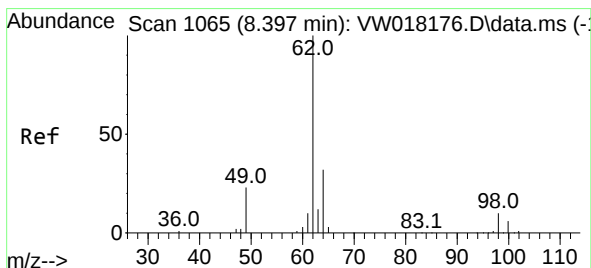
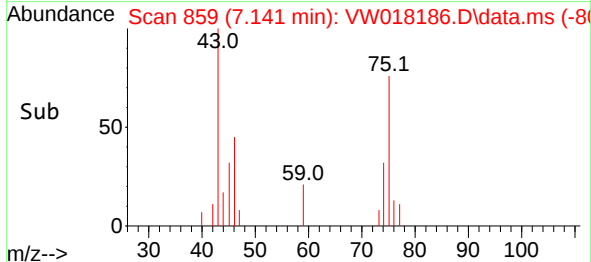
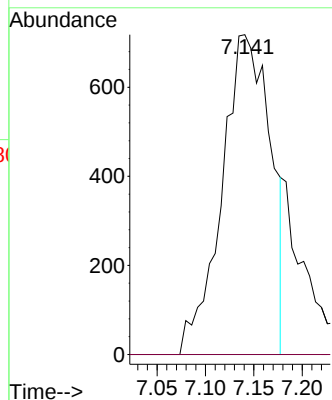
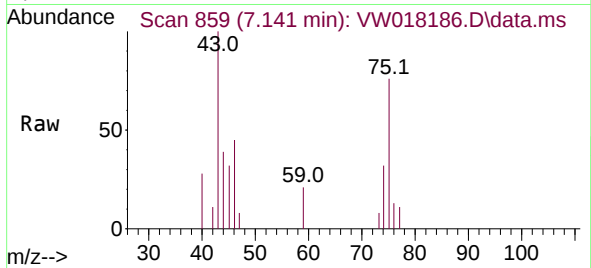




#21
2-Butanone
Concen: 4.02 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW018186.D
Acq: 17 Feb 2021 14:57

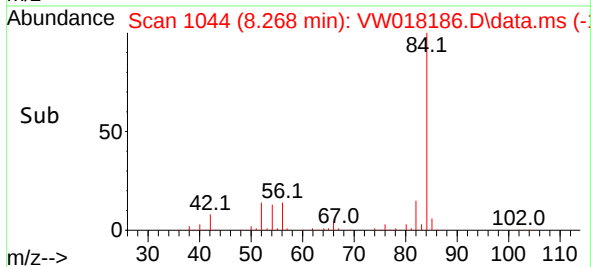
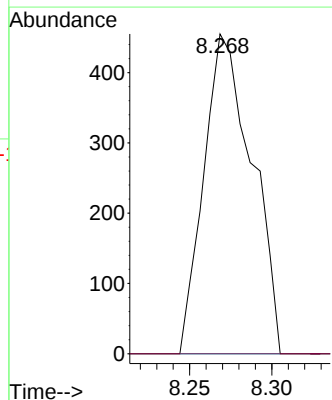
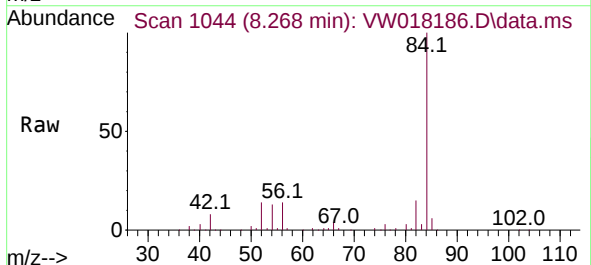
Instrument :
MSVOA_W
ClientSampled :

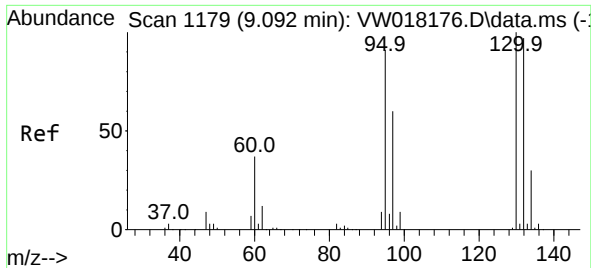
Tgt Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#27
1,2-Dichloroethane
Concen: 0.34 ug/L
RT: 8.268 min Scan# 1044
Delta R.T. -0.128 min
Lab File: VW018186.D
Acq: 17 Feb 2021 14:57

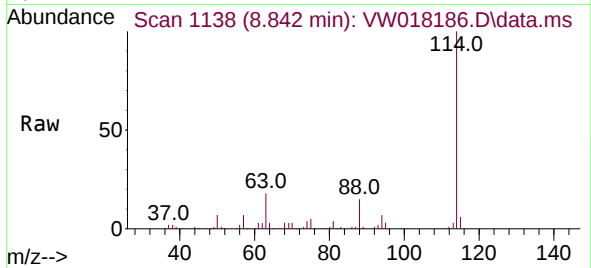
Tgt Ion: 62 Resp: 925
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



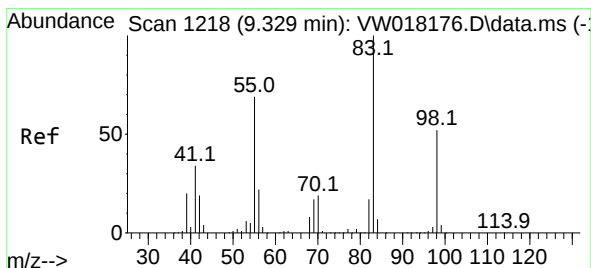
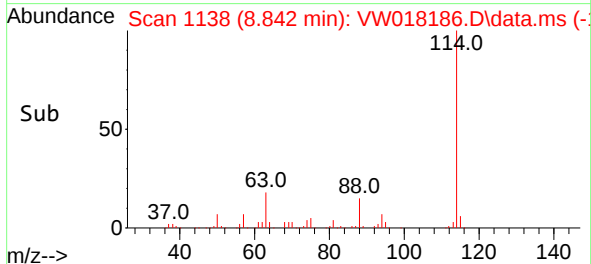
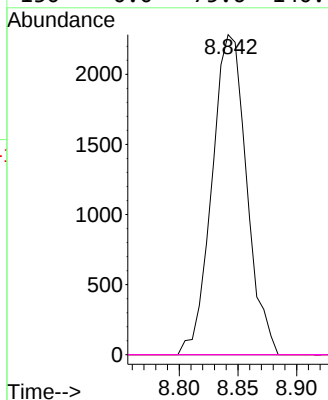


#35
Trichloroethene
Concen: 2.06 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018186.D
Acq: 17 Feb 2021 14:57

Instrument :
MSVOA_W
ClientSampled :

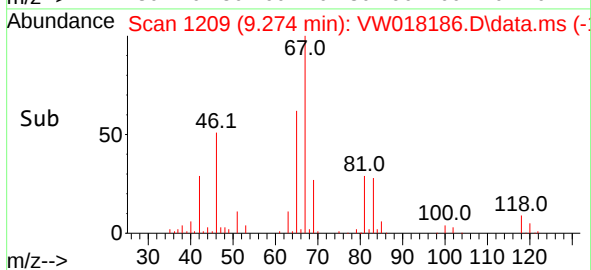
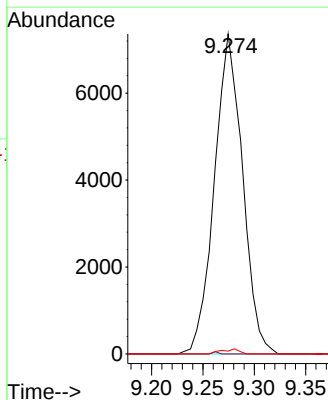
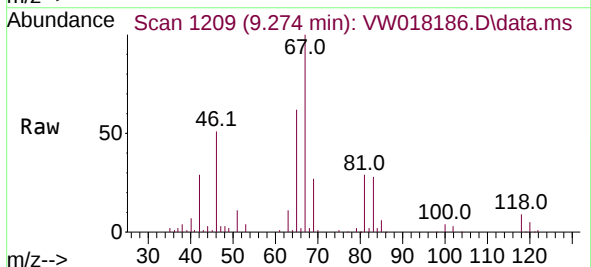


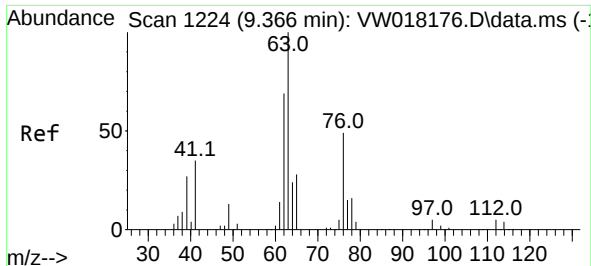
Tgt Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#



#36
Methylcyclohexane
Concen: 3.66 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.055 min
Lab File: VW018186.D
Acq: 17 Feb 2021 14:57

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	0.4	40.7	61.1#

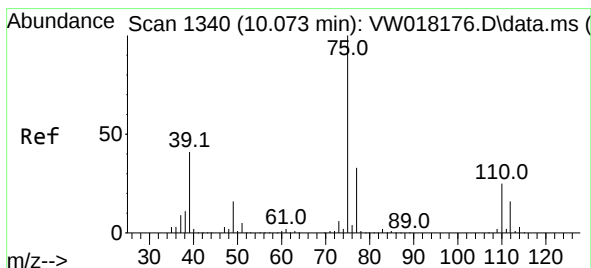
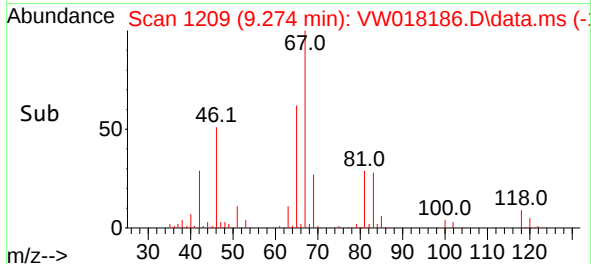
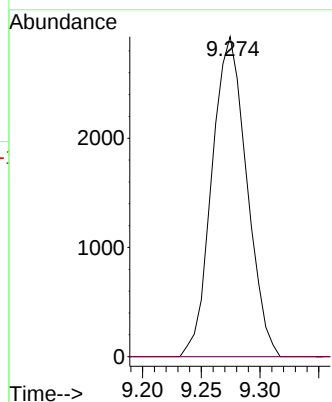
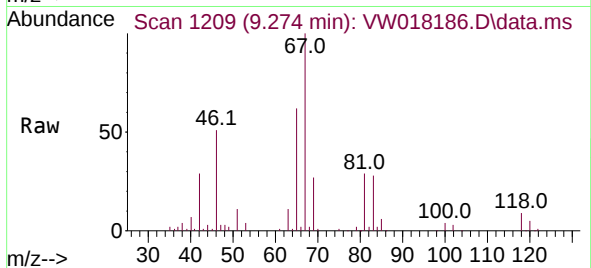




#40
1,2-Dichloropropane
Concen: 3.25 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018186.D
Acq: 17 Feb 2021 14:57

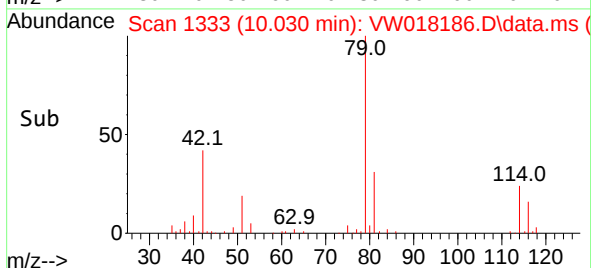
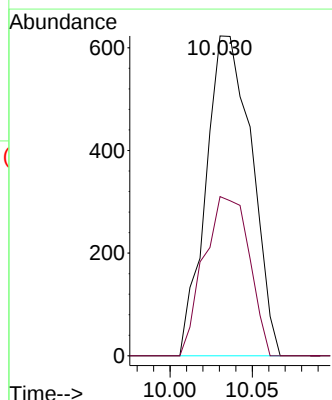
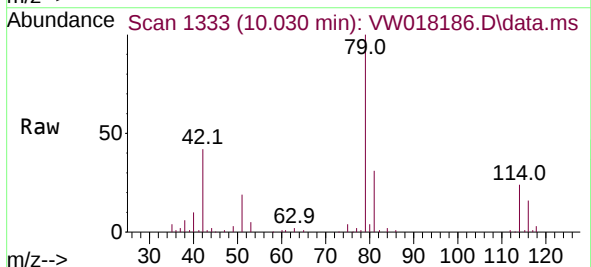
Instrument :
MSVOA_W
ClientSampled :

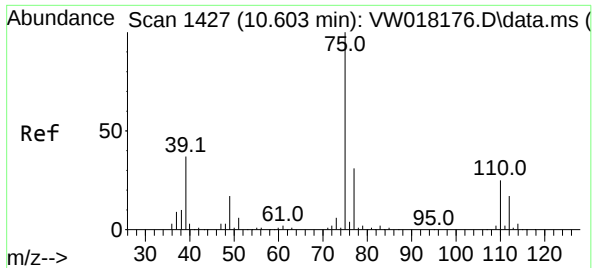
Tgt Ion: 63 Resp: 6037
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018186.D
Acq: 17 Feb 2021 14:57

Tgt Ion: 75 Resp: 1203
Ion Ratio Lower Upper
75 100
77 49.8 22.7 42.3#

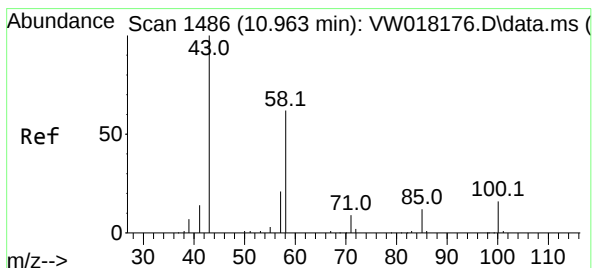
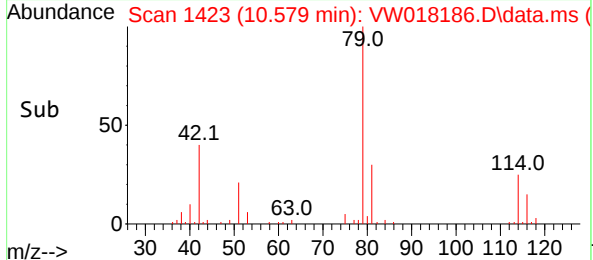
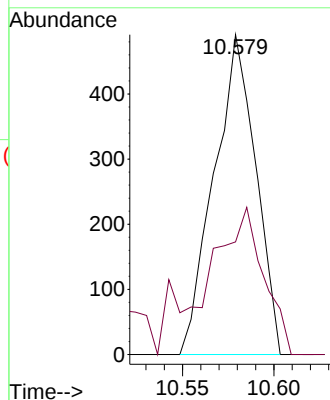
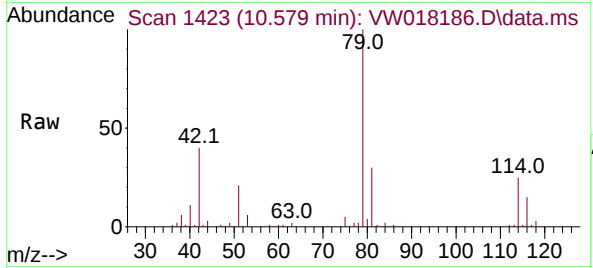




#45
trans-1,3-Dichloropropene
Concen: 0.30 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018186.D
Acq: 17 Feb 2021 14:57

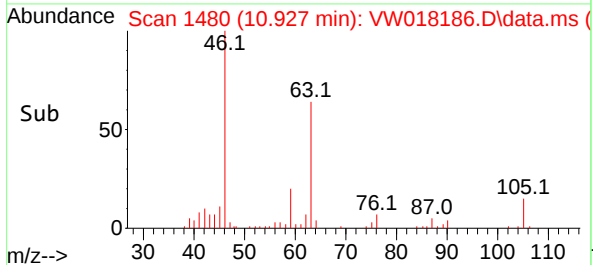
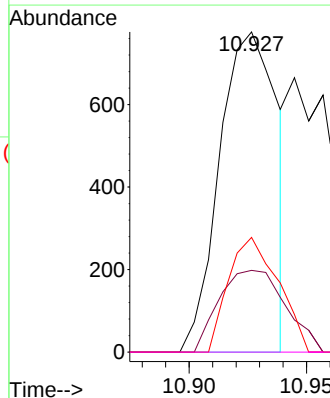
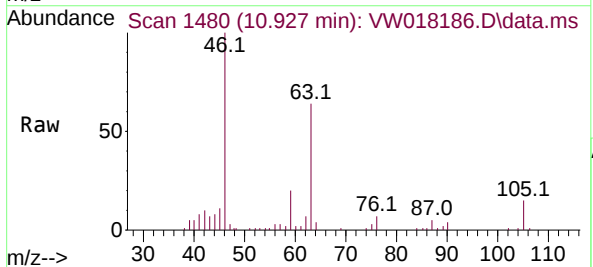
Instrument :
MSVOA_W
ClientSampled :

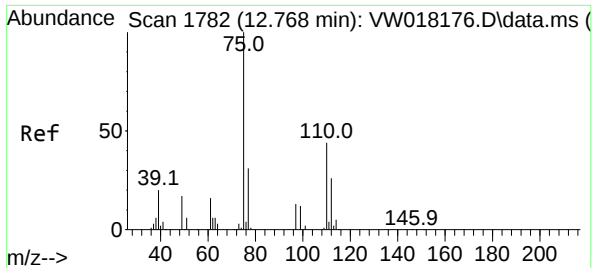
Tgt Ion: 75 Resp: 779
Ion Ratio Lower Upper
75 100
77 35.2 22.6 42.0



#49
2-Hexanone
Concen: 1.66 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.037 min
Lab File: VW018186.D
Acq: 17 Feb 2021 14:57

Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
58 29.4 51.3 76.9#
57 30.9 15.0 22.6#
100 0.0 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 3.81 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018186.D
 Acq: 17 Feb 2021 14:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 5408
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.6 39.8

