

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018183.D
 Acq On : 17 Feb 2021 13:45
 Operator : SY/VA
 Sample : M1414-18
 Misc : 6.52G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:17:02 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)

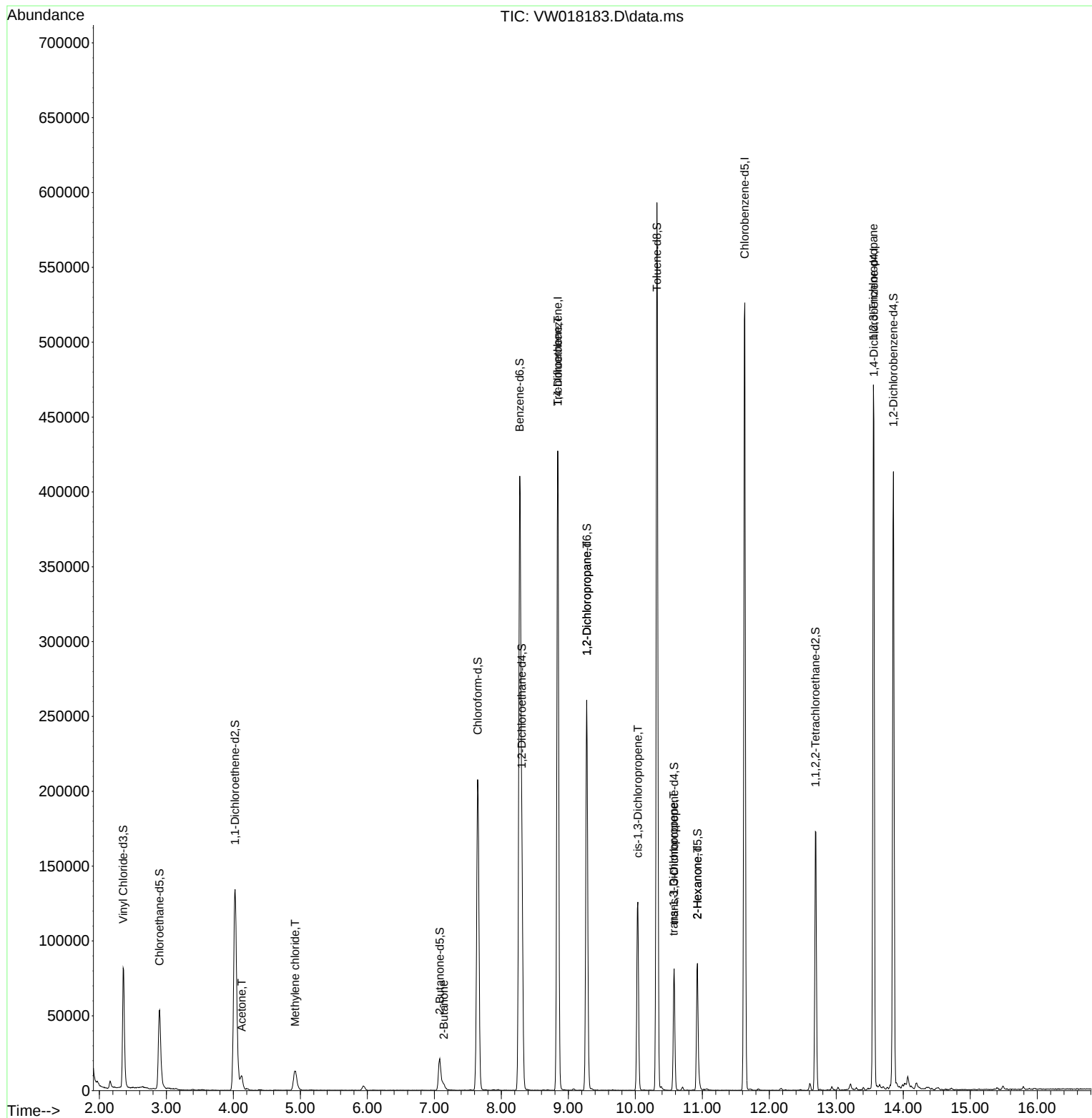
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	383751	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	317866	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	136993	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	97155	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
7) Chloroethane-d5	2.898	69	78112	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.56%
10) 1,1-Dichloroethene-d2	4.025	63	150454	15.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.12%
20) 2-Butanone-d5	7.080	46	34132	26.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.64%
24) Chloroform-d	7.647	84	218769	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	8.305	65	109429	20.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.60%
29) Benzene-d6	8.275	84	444683	25.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.92%
33) 1,2-Dichloropropane-d6	9.274	67	121217	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.32%
37) Toluene-d8	10.323	98	405690	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
38) trans-1,3-Dichloroprop...	10.579	79	46293	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.68%
39) 2-Hexanone-d5	10.927	63	30005	32.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.30%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	85994	20.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.20%
61) 1,2-Dichlorobenzene-d4	13.853	152	112828	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	15116	16.05	ug/L	98
16) Methylene chloride	4.922	84	12740	2.07	ug/L	92
21) 2-Butanone	7.141	43	1069	0.75	ug/L #	46
35) Trichloroethene	8.842	95	11344	2.17	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	13258	3.11	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3148	0.46	ug/L	87
45) trans-1,3-Dichloropropene	10.573	75	1867	0.31	ug/L #	82
49) 2-Hexanone	10.927	43	5414	2.94	ug/L #	55
59) 1,2,3-Trichloropropane	13.554	75	13302	4.08	ug/L	100

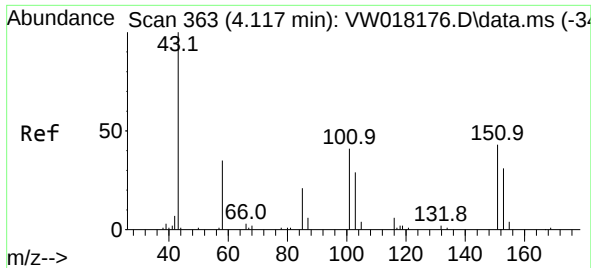
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 18 06:15:22 2021
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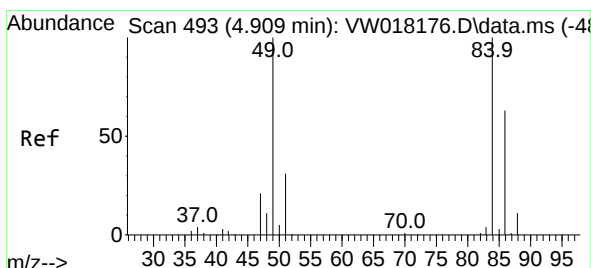
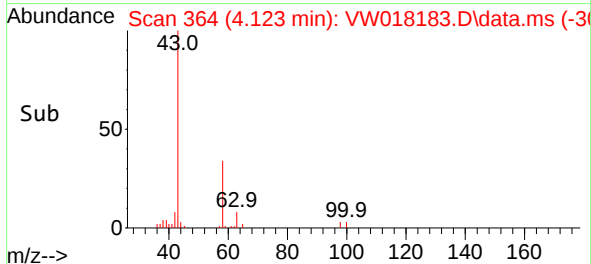
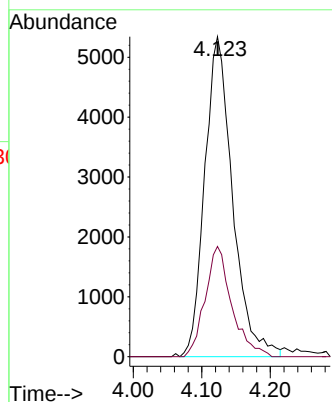
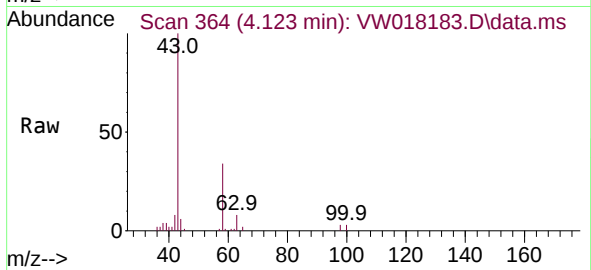




#13
Acetone
Concen: 16.05 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018183.D
Acq: 17 Feb 2021 13:45

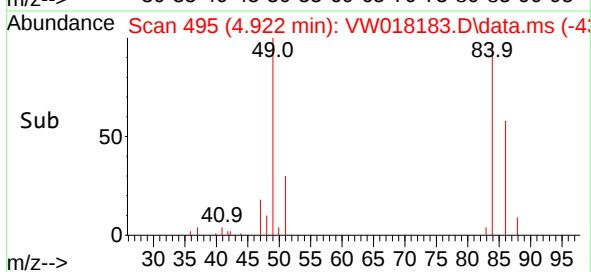
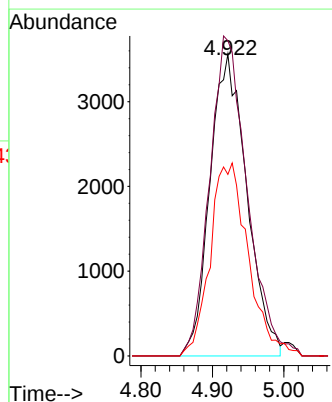
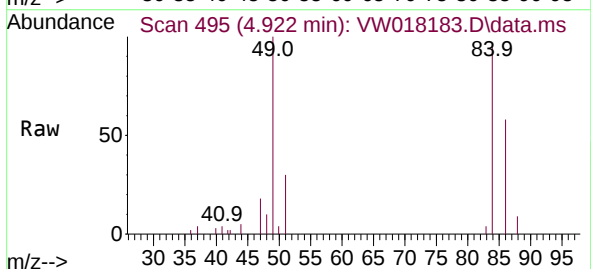
Instrument :
MSVOA_W
ClientSampled :

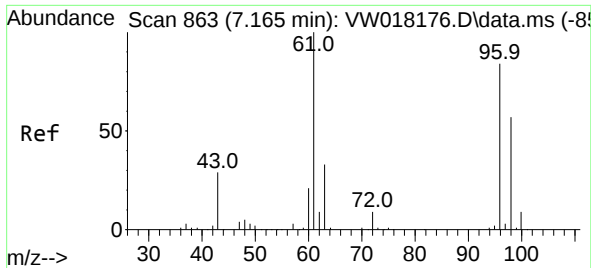
Tgt Ion: 43 Resp: 15116
Ion Ratio Lower Upper
43 100
58 32.8 0.0 68.4



#16
Methylene chloride
Concen: 2.07 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018183.D
Acq: 17 Feb 2021 13:45

Tgt Ion: 84 Resp: 12740
Ion Ratio Lower Upper
84 100
49 104.4 81.2 150.8
86 60.2 44.5 82.7

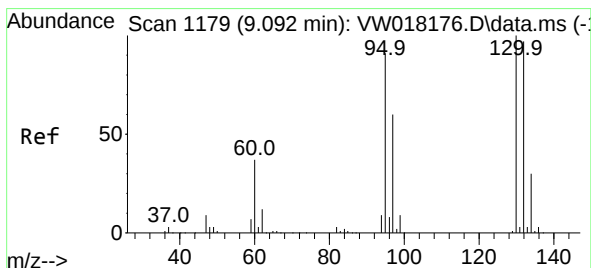
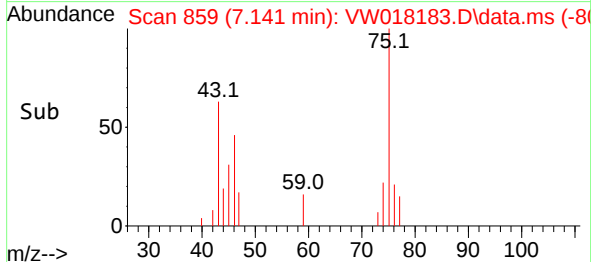
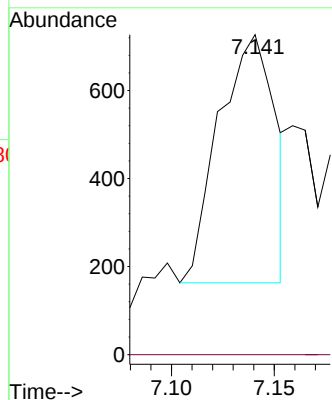
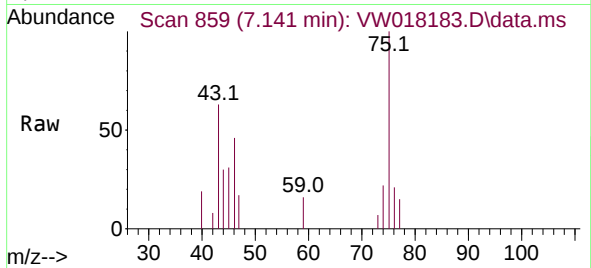




#21
2-Butanone
Concen: 0.75 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW018183.D
Acq: 17 Feb 2021 13:45

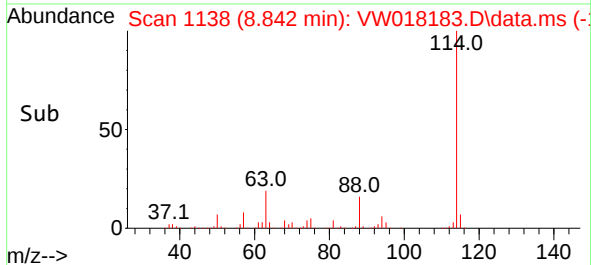
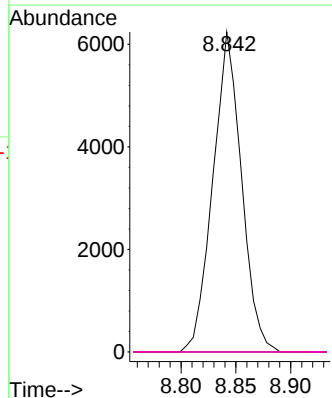
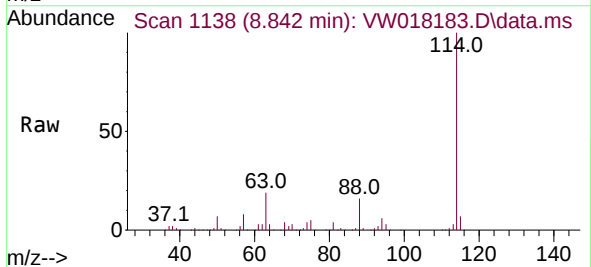
Instrument :
MSVOA_W
ClientSampled :

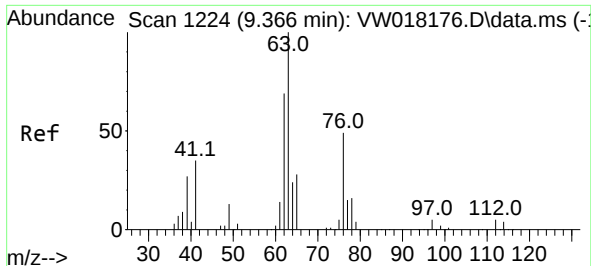
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 2.17 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018183.D
Acq: 17 Feb 2021 13:45

Tgt Ion: 95 Resp: 11344
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#

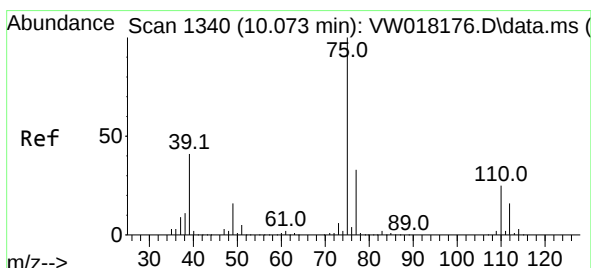
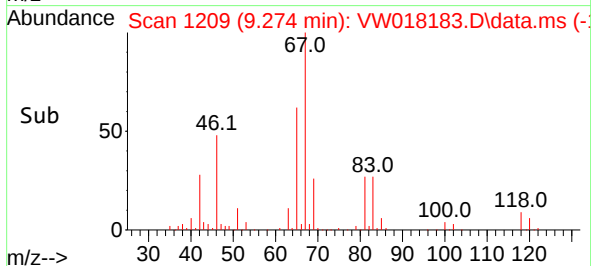
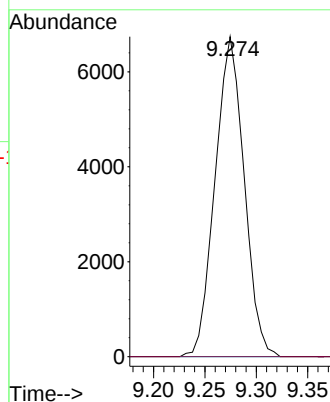
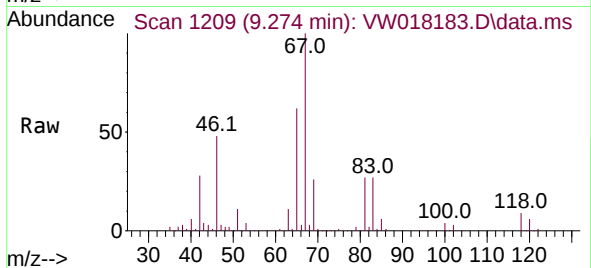




#40
1,2-Dichloropropane
Concen: 3.11 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018183.D
Acq: 17 Feb 2021 13:45

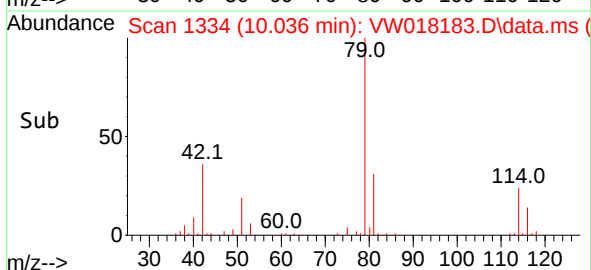
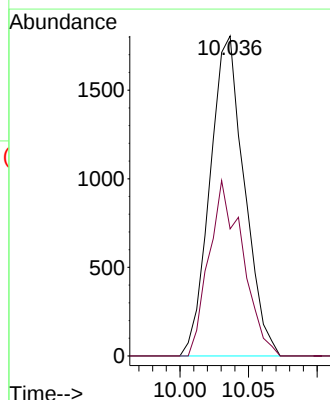
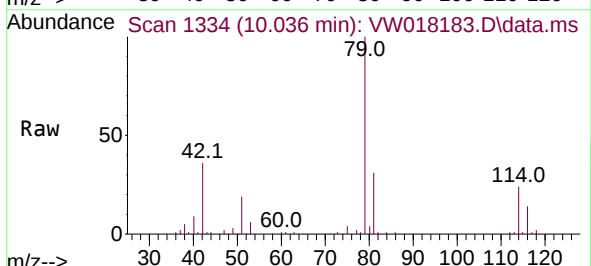
Instrument :
MSVOA_W
ClientSampled :

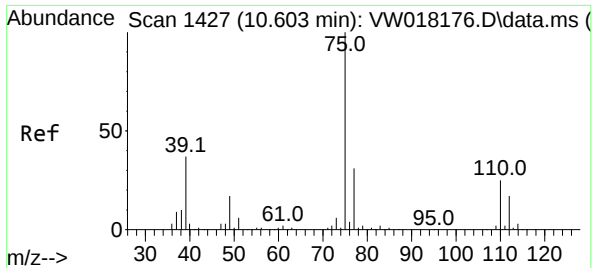
Tgt Ion: 63 Resp: 13258
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018183.D
Acq: 17 Feb 2021 13:45

Tgt Ion: 75 Resp: 3148
Ion Ratio Lower Upper
75 100
77 39.7 22.7 42.3

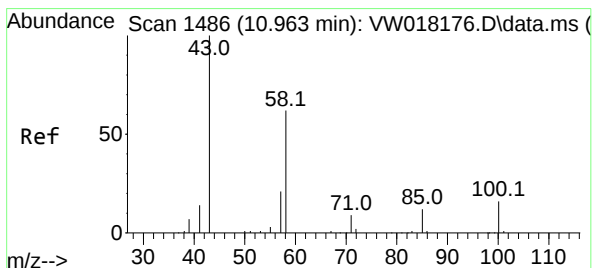
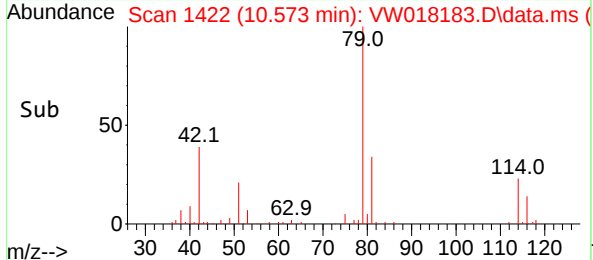
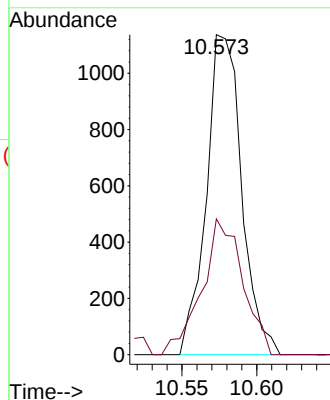
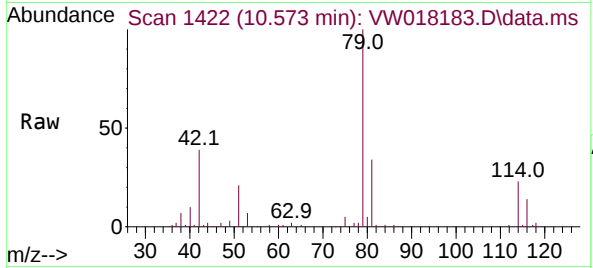




#45
trans-1,3-Dichloropropene
Concen: 0.31 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018183.D
Acq: 17 Feb 2021 13:45

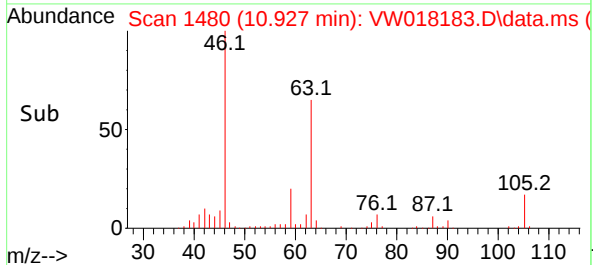
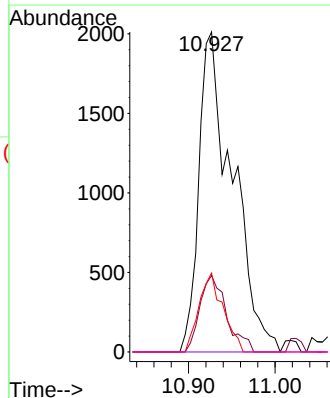
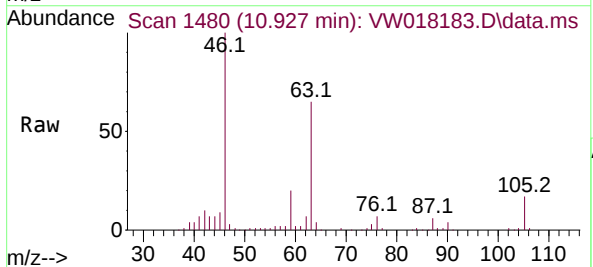
Instrument :
MSVOA_W
ClientSampled :

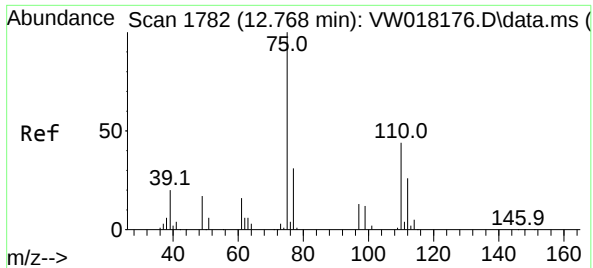
Tgt Ion: 75 Resp: 1867
Ion Ratio Lower Upper
75 100
77 42.5 22.6 42.0#



#49
2-Hexanone
Concen: 2.94 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.037 min
Lab File: VW018183.D
Acq: 17 Feb 2021 13:45

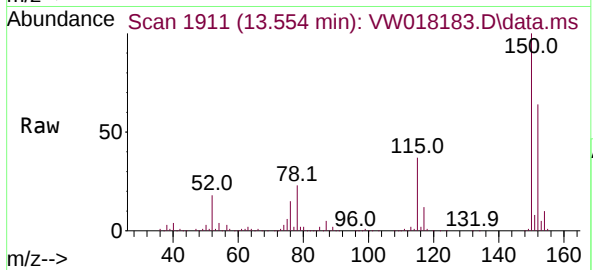
Tgt Ion: 43 Resp: 5414
Ion Ratio Lower Upper
43 100
58 17.1 51.3 76.9#
57 17.8 15.0 22.6
100 0.0 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 4.08 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018183.D
 Acq: 17 Feb 2021 13:45

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 13302
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.6 39.8

