

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018185.D
 Acq On : 17 Feb 2021 14:33
 Operator : SY/VA
 Sample : M1414-20
 Misc : 5.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:17:29 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)

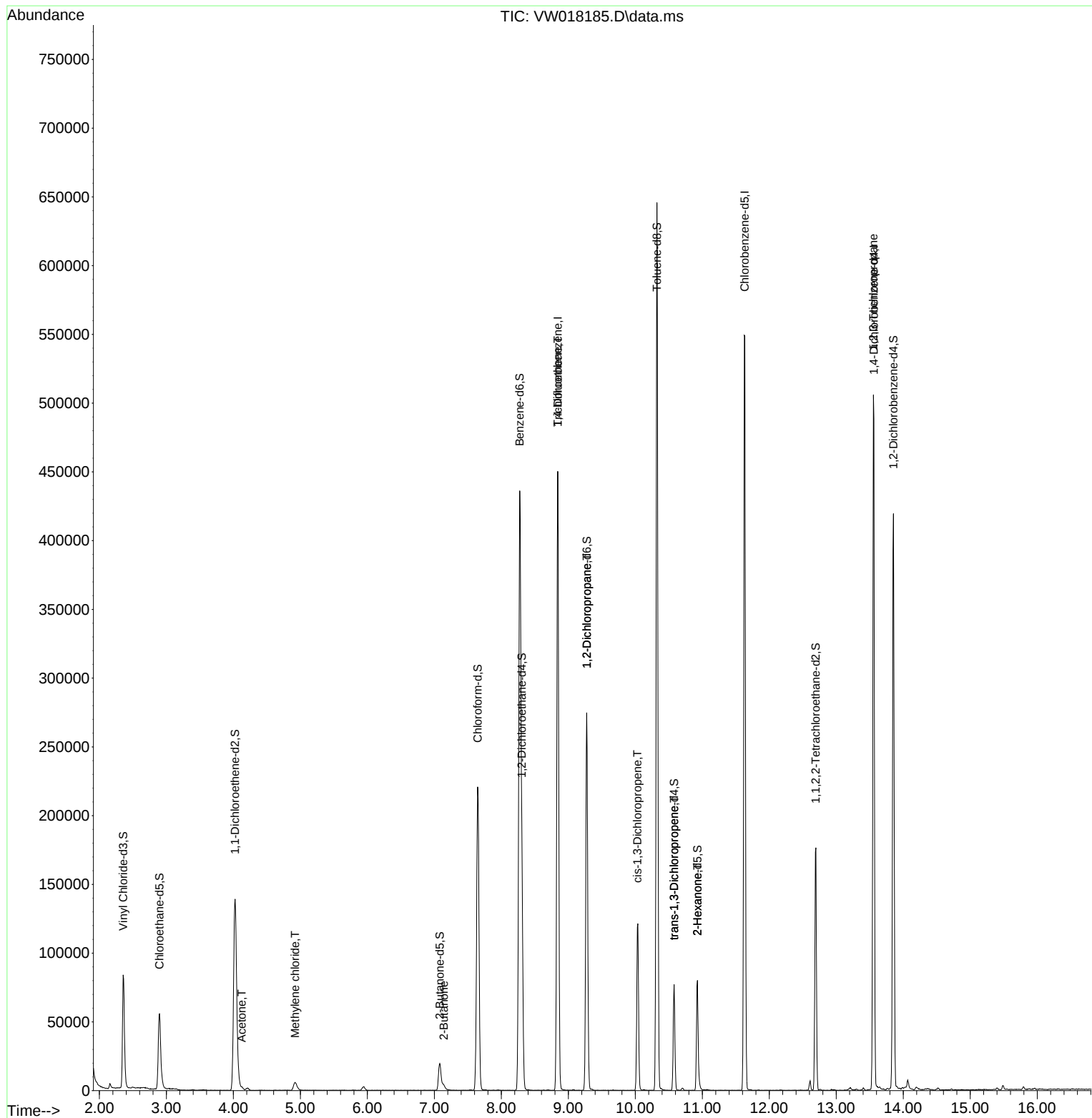
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	400236	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	336739	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	144911	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	104462	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.00%
7) Chloroethane-d5	2.898	69	81608	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
10) 1,1-Dichloroethene-d2	4.025	63	158779	15.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.88%
20) 2-Butanone-d5	7.080	46	33198	25.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.02%
24) Chloroform-d	7.647	84	235246	22.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	8.305	65	116165	20.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.04%
29) Benzene-d6	8.275	84	473011	25.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.32%
33) 1,2-Dichloropropane-d6	9.274	67	128368	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
37) Toluene-d8	10.323	98	434653	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.84%
38) trans-1,3-Dichloroprop...	10.579	79	43978	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.04%
39) 2-Hexanone-d5	10.927	63	28097	28.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.84%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	87331	19.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.88%
61) 1,2-Dichlorobenzene-d4	13.853	152	120386	23.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.16%
Target Compounds						Qvalue
13) Acetone	4.123	43	2052	2.09	ug/L	92
16) Methylene chloride	4.922	84	5676	0.88	ug/L	86
21) 2-Butanone	7.141	43	3068	2.05	ug/L #	46
35) Trichloroethene	8.842	95	12210	2.20	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	14510	3.21	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	3018	0.41	ug/L #	77
45) trans-1,3-Dichloropropene	10.579	75	1836	0.29	ug/L	88
49) 2-Hexanone	10.927	43	4868	2.49	ug/L #	57
59) 1,2,3-Trichloropropane	13.554	75	14337	4.15	ug/L	98

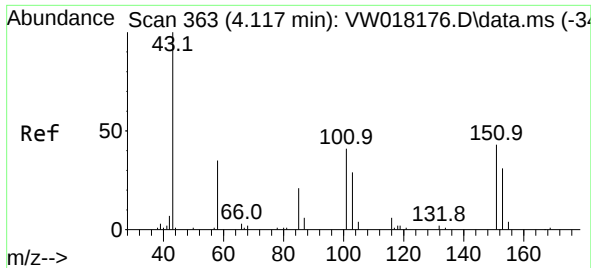
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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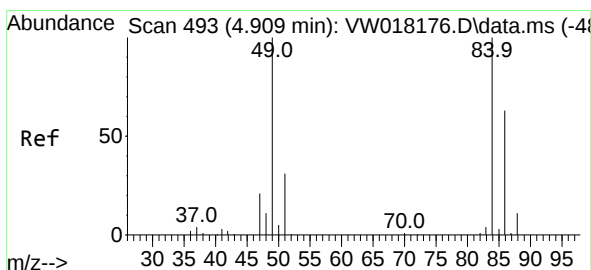
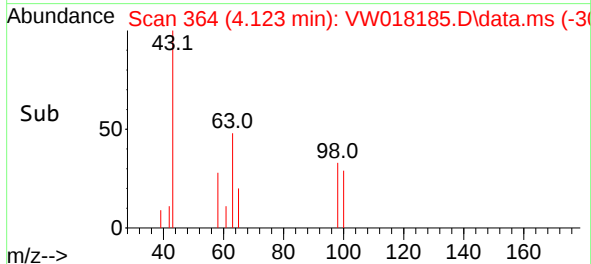
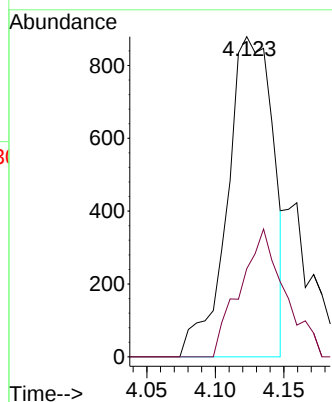
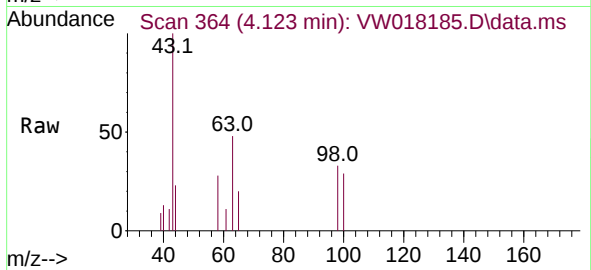




#13
Acetone
Concen: 2.09 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018185.D
Acq: 17 Feb 2021 14:33

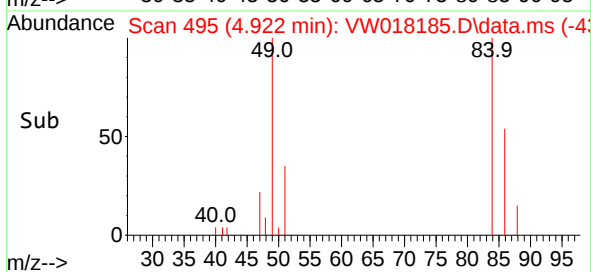
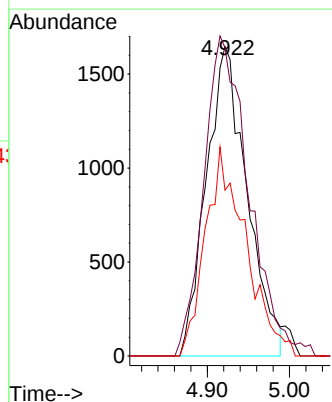
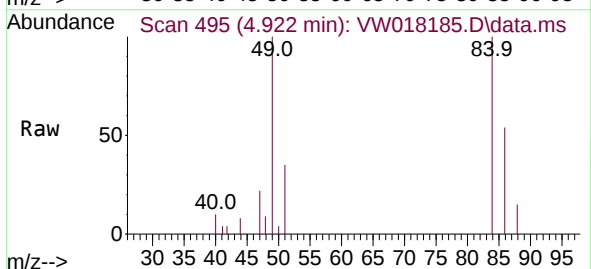
Instrument :
MSVOA_W
ClientSampled :

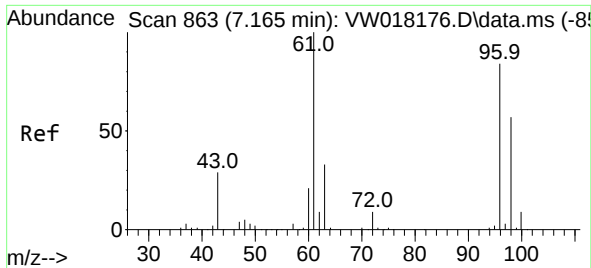
Tgt Ion: 43 Resp: 2052
Ion Ratio Lower Upper
43 100
58 38.6 0.0 68.4



#16
Methylene chloride
Concen: 0.88 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018185.D
Acq: 17 Feb 2021 14:33

Tgt Ion: 84 Resp: 5676
Ion Ratio Lower Upper
84 100
49 99.6 81.2 150.8
86 53.6 44.5 82.7

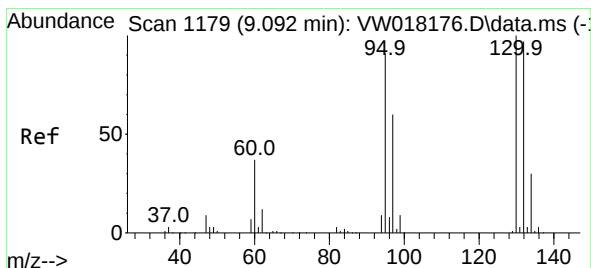
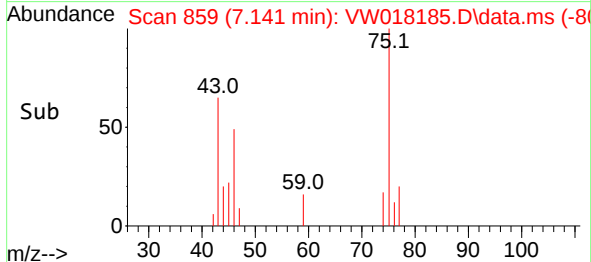
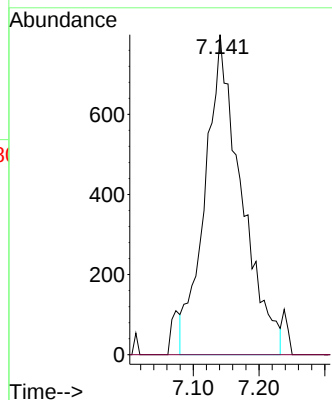
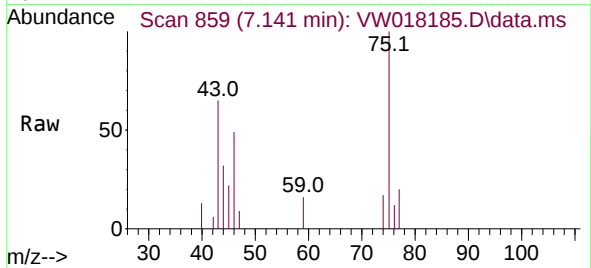




#21
2-Butanone
Concen: 2.05 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW018185.D
Acq: 17 Feb 2021 14:33

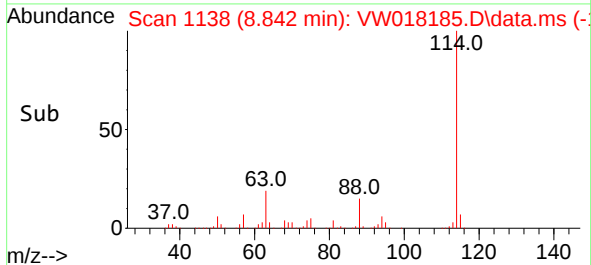
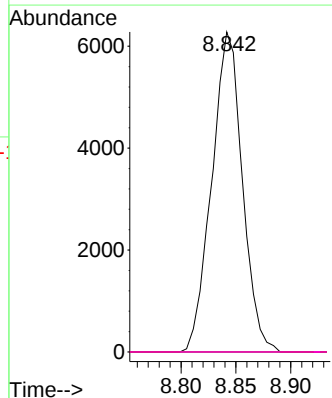
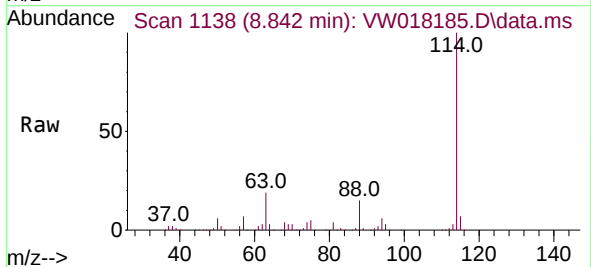
Instrument :
MSVOA_W
ClientSampled :

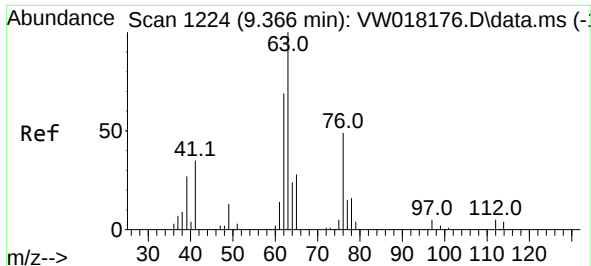
Tgt Ion: 43 Resp: 3068
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 2.20 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018185.D
Acq: 17 Feb 2021 14:33

Tgt Ion: 95 Resp: 12210
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#

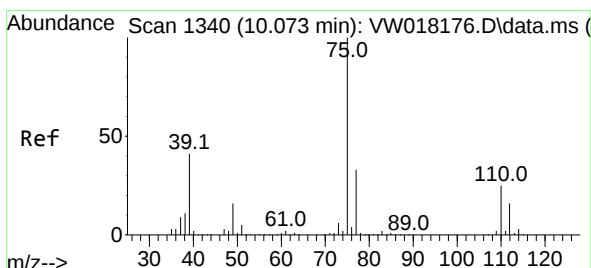
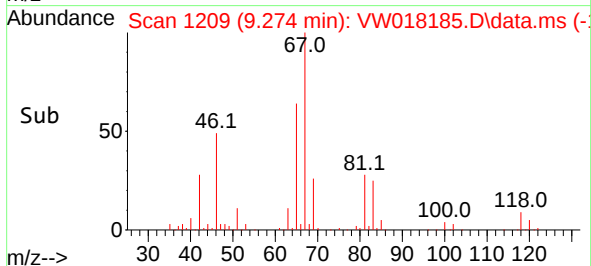
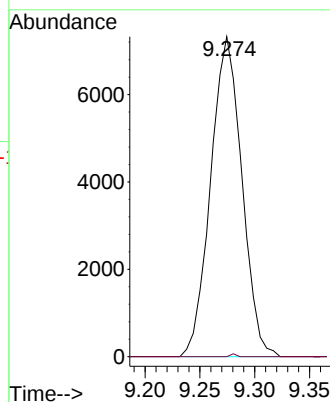
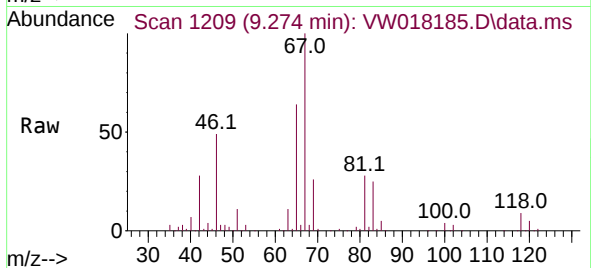




#40
1,2-Dichloropropane
Concen: 3.21 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018185.D
Acq: 17 Feb 2021 14:33

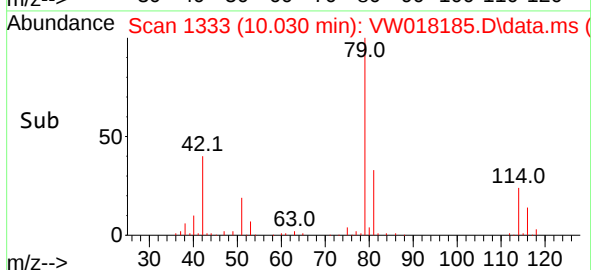
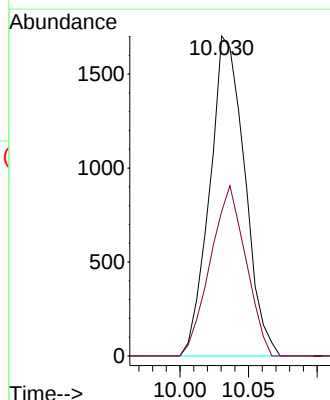
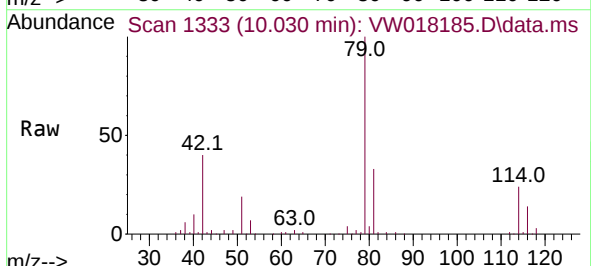
Instrument :
MSVOA_W
ClientSampled :

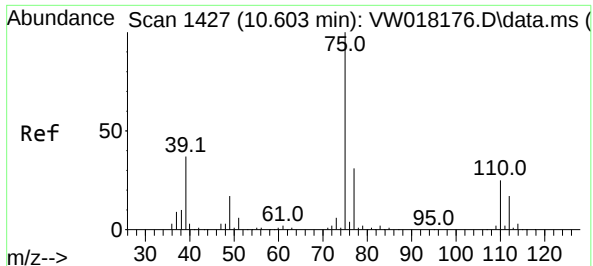
Tgt Ion: 63 Resp: 14510
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018185.D
Acq: 17 Feb 2021 14:33

Tgt Ion: 75 Resp: 3018
Ion Ratio Lower Upper
75 100
77 45.2 22.7 42.3#

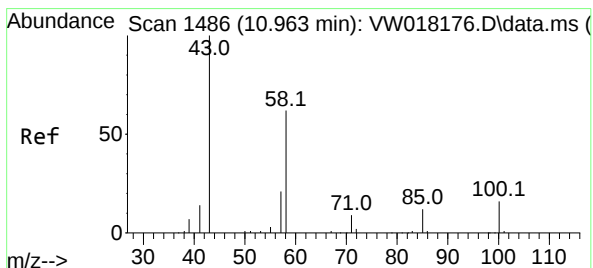
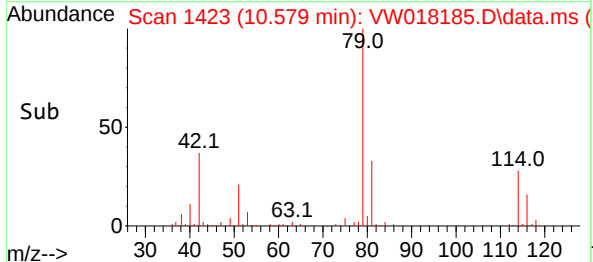
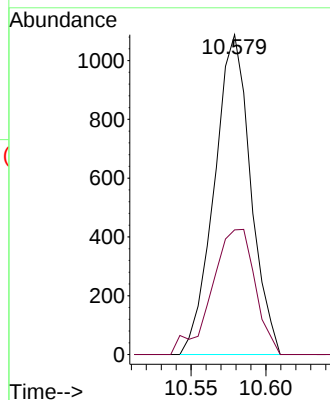
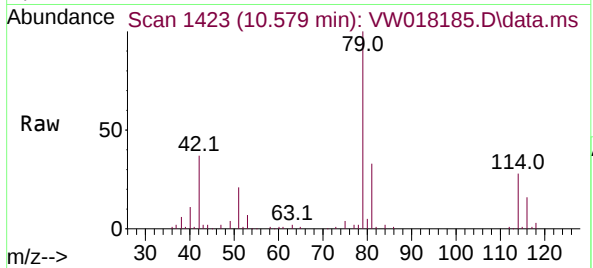




#45
trans-1,3-Dichloropropene
Concen: 0.29 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018185.D
Acq: 17 Feb 2021 14:33

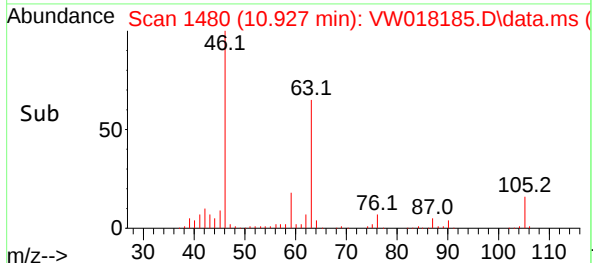
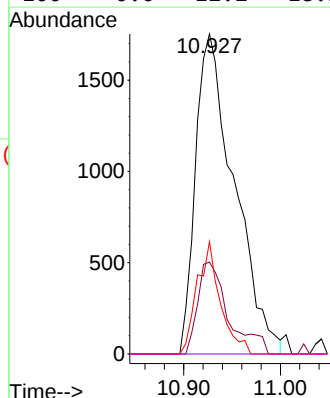
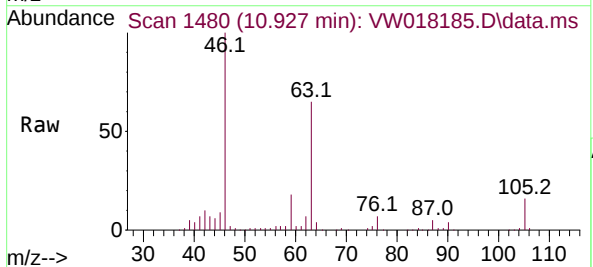
Instrument :
MSVOA_W
ClientSampled :

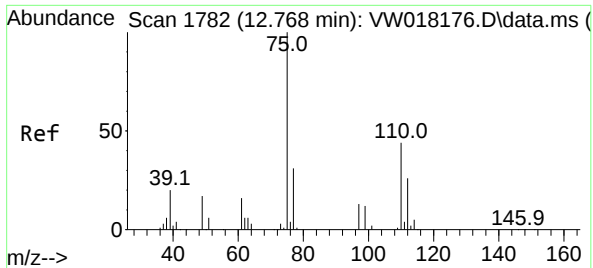
Tgt Ion: 75 Resp: 1836
Ion Ratio Lower Upper
75 100
77 39.0 22.6 42.0



#49
2-Hexanone
Concen: 2.49 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.037 min
Lab File: VW018185.D
Acq: 17 Feb 2021 14:33

Tgt Ion: 43 Resp: 4868
Ion Ratio Lower Upper
43 100
58 20.6 51.3 76.9#
57 21.1 15.0 22.6
100 0.0 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 4.15 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018185.D
 Acq: 17 Feb 2021 14:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 14337
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.6 39.8

