

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021921\
 Data File : VW018210.D
 Acq On : 19 Feb 2021 13:49
 Operator : SY/VA
 Sample : M1371-19
 Misc : 4.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH33

Quant Time: Feb 19 17:43:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 19 17:37:31 2021
 Response via : Initial Calibration

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

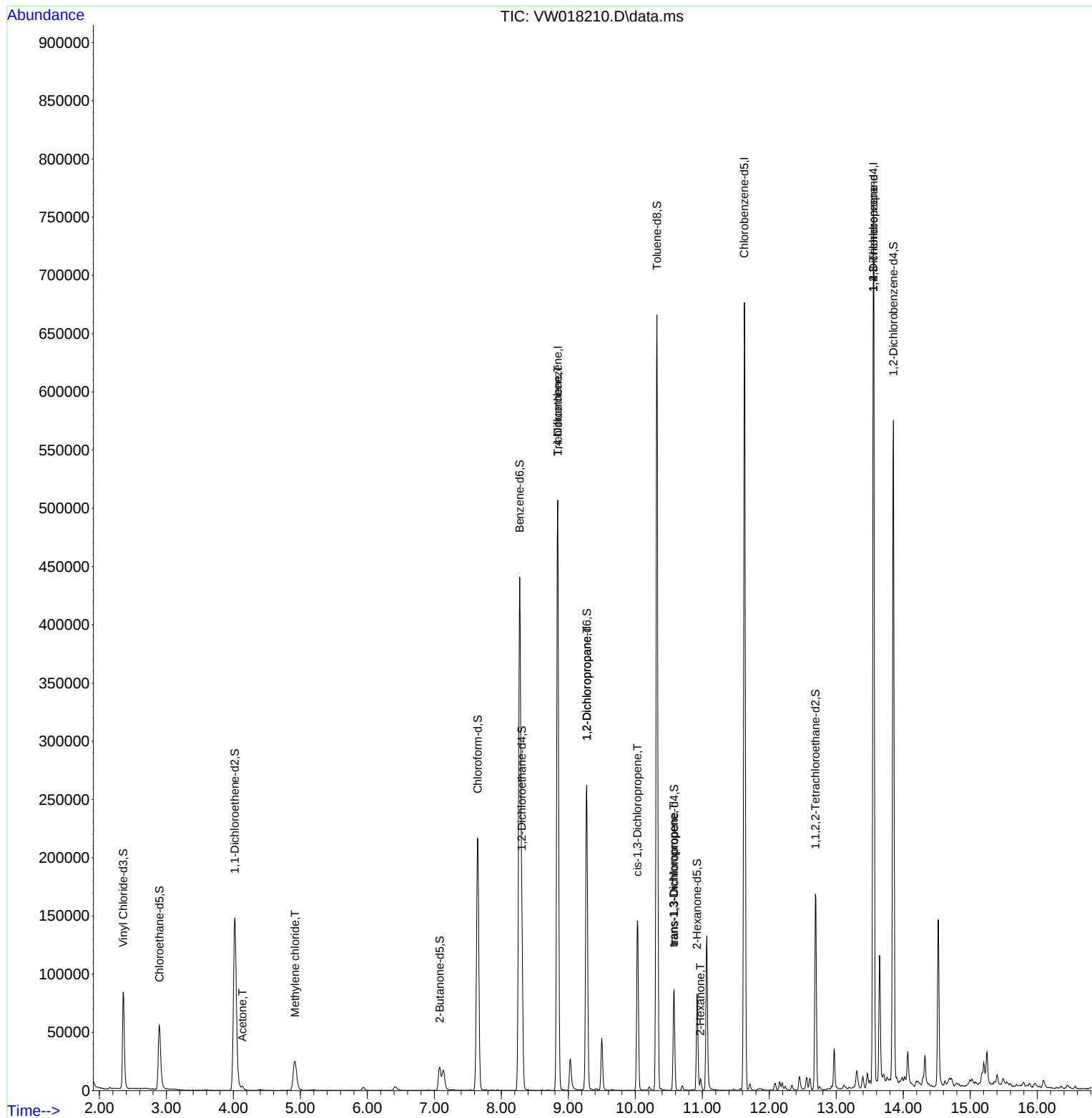
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	455085	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	412265	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	216785	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	100064	17.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.76%
7) Chloroethane-d5	2.898	69	80633	17.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.84%
10) 1,1-Dichloroethene-d2	4.019	63	161392	14.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.08%
20) 2-Butanone-d5	7.080	46	34574	22.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.82%
24) Chloroform-d	7.647	84	229381	19.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.84%
26) 1,2-Dichloroethane-d4	8.305	65	106030	16.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.68%#
29) Benzene-d6	8.275	84	476420	21.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.20%
33) 1,2-Dichloropropane-d6	9.274	67	126004	19.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.60%
37) Toluene-d8	10.323	98	461063	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloroprop...	10.579	79	50921	17.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.96%
39) 2-Hexanone-d5	10.921	63	29897	24.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.40%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	82986	14.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	59.68%
61) 1,2-Dichlorobenzene-d4	13.853	152	157275	20.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.36%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	5491	4.92	ug/L	69
16) Methylene chloride	4.922	84	24989	3.43	ug/L	92
35) Trichloroethene	8.842	95	13265	1.95	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	14043	2.54	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	3583	0.40	ug/L #	68
45) trans-1,3-Dichloropropene	10.573	75	2119	0.27	ug/L #	80
49) 2-Hexanone	10.969	43	1670	0.70	ug/L #	1
59) 1,2,3-Trichloropropane	13.554	75	21476	5.08	ug/L	99

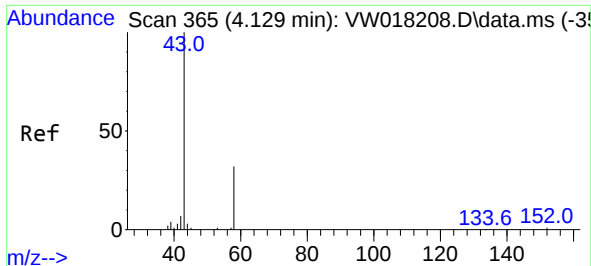
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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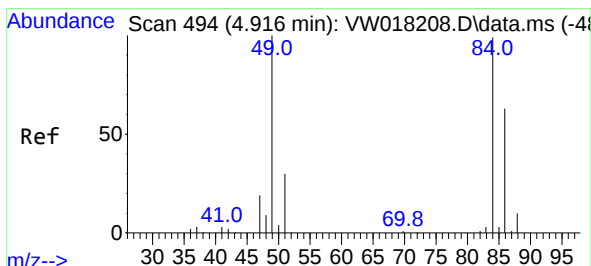
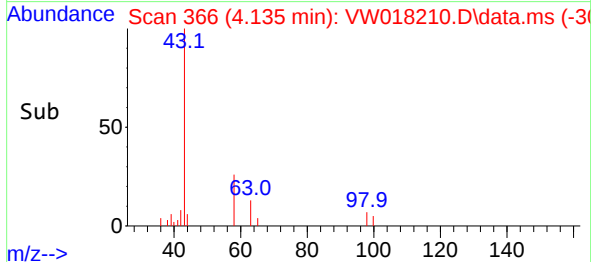
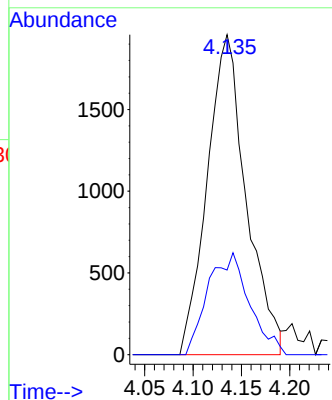
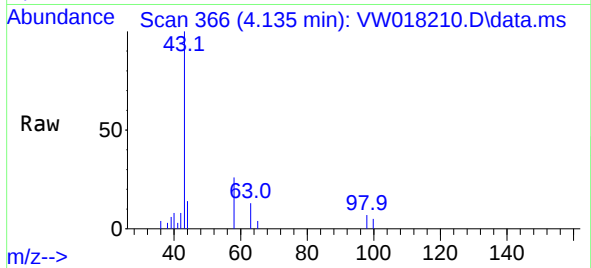




#13
Acetone
Concen: 4.92 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018210.D
Acq: 19 Feb 2021 13:49

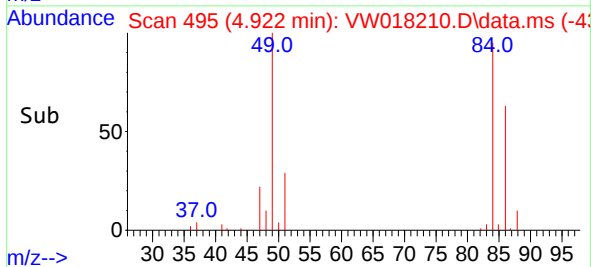
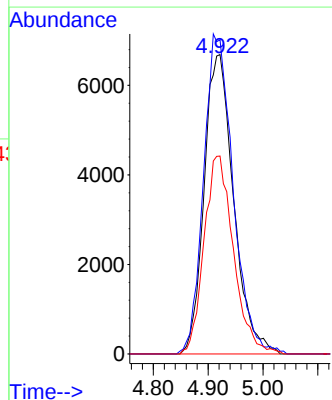
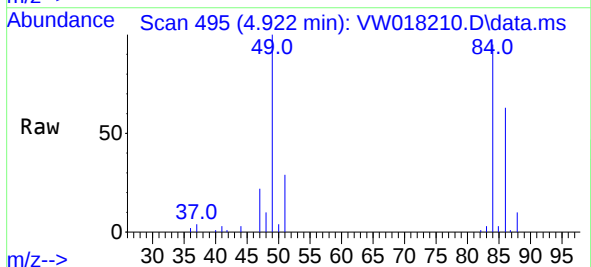
Instrument :
MSVOA_W
ClientSampled :
DBH33

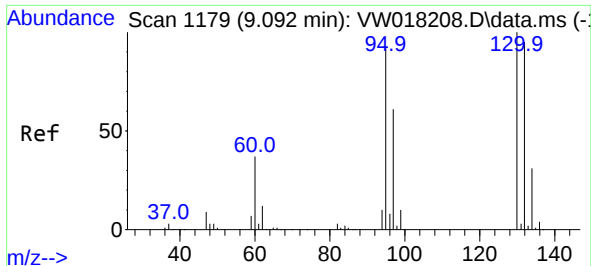
Tgt Ion: 43 Resp: 5491
Ion Ratio Lower Upper
43 100
58 16.2 0.0 68.4



#16
Methylene chloride
Concen: 3.43 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018210.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 84 Resp: 24989
Ion Ratio Lower Upper
84 100
49 104.9 81.2 150.8
86 66.1 44.5 82.7



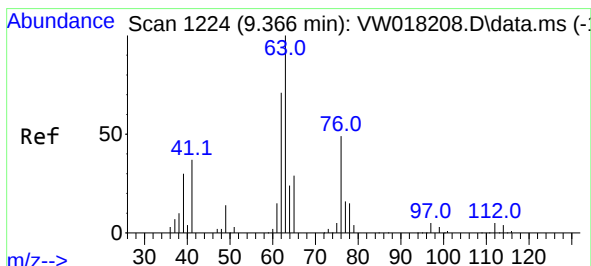
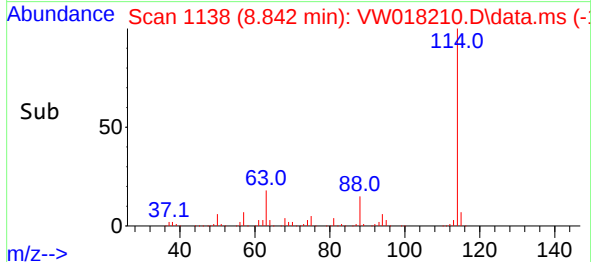
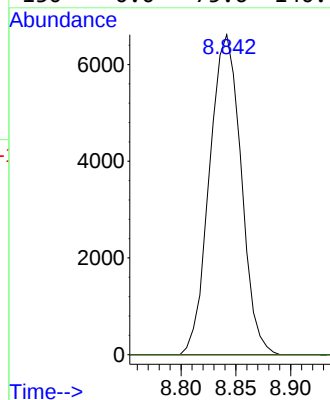
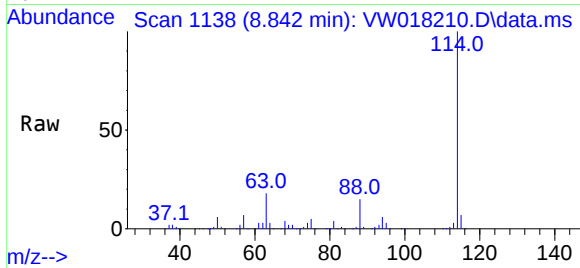


#35
Trichloroethene
Concen: 1.95 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018210.D
Acq: 19 Feb 2021 13:49

Instrument :
MSVOA_W
ClientSampled :
DBH33

Tgt Ion: 95 Resp: 13265

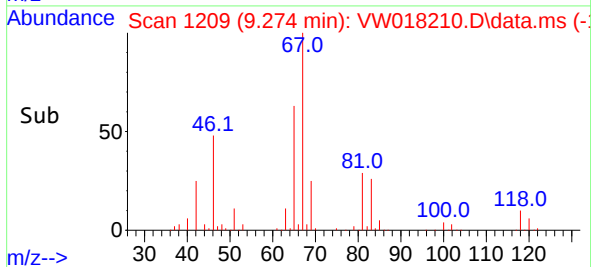
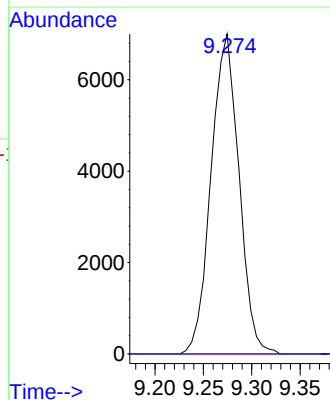
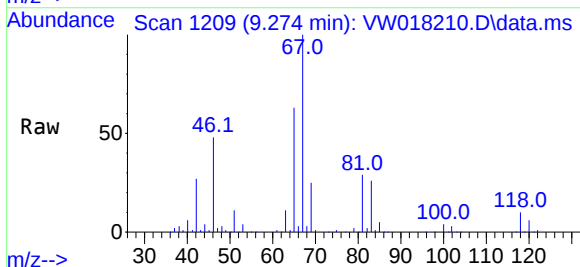
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#

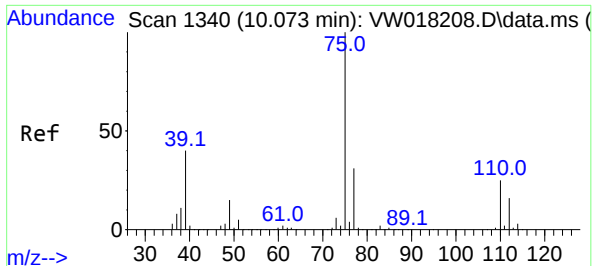


#40
1,2-Dichloropropane
Concen: 2.54 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018210.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 63 Resp: 14043

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#

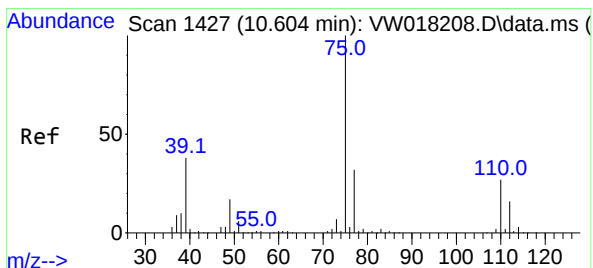
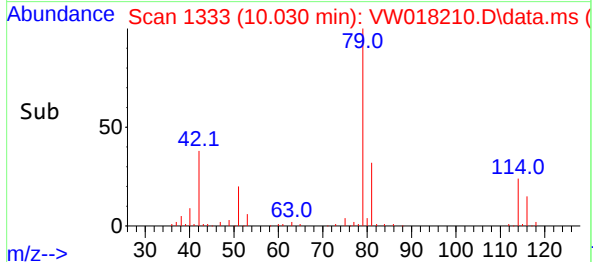
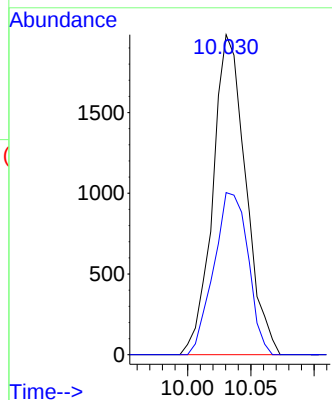
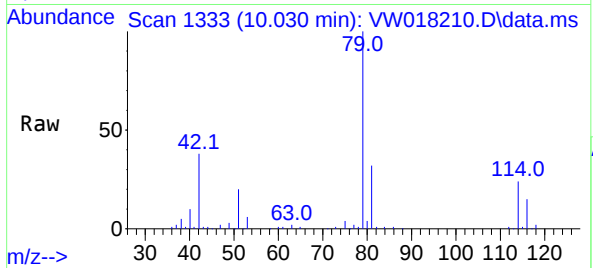




#42
cis-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018210.D
Acq: 19 Feb 2021 13:49

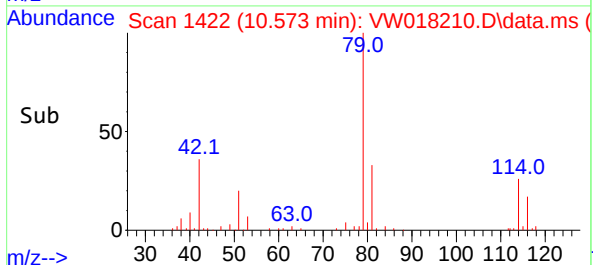
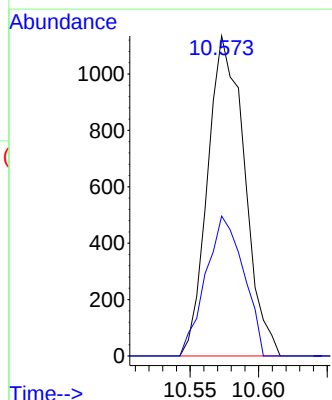
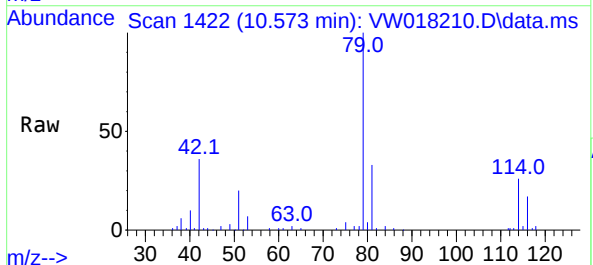
Instrument :
MSVOA_W
ClientSampled :
DBH33

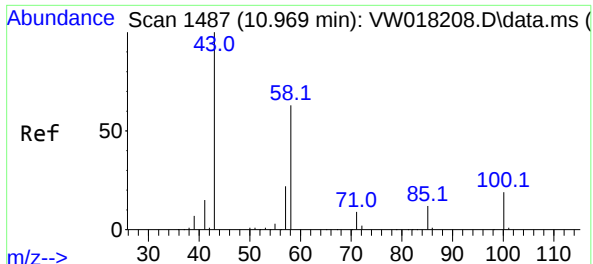
Tgt Ion: 75 Resp: 3583
Ion Ratio Lower Upper
75 100
77 50.7 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.27 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018210.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 75 Resp: 2119
Ion Ratio Lower Upper
75 100
77 43.7 22.6 42.0#



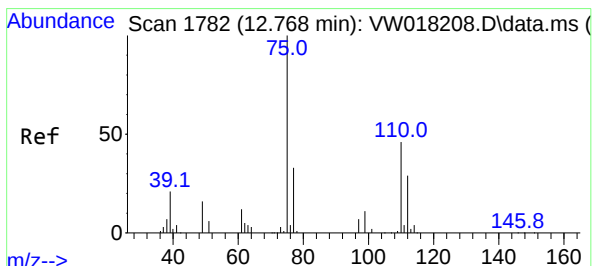
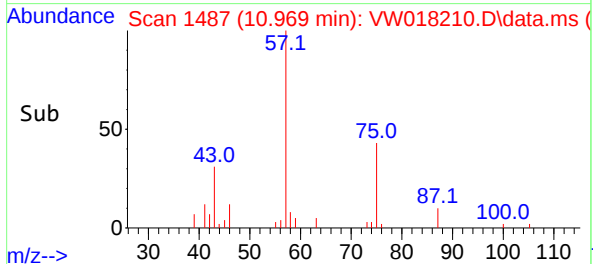
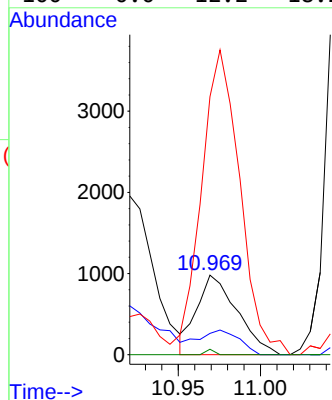
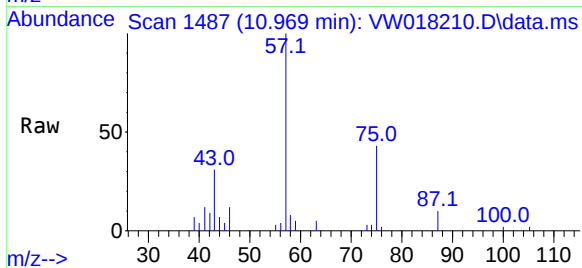


#49
2-Hexanone
Concen: 0.70 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018210.D
Acq: 19 Feb 2021 13:49

Instrument :
MSVOA_W
ClientSampled :
DBH33

Tgt Ion: 43 Resp: 1670

Ion	Ratio	Lower	Upper
43	100		
58	32.3	51.3	76.9#
57	367.1	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 5.08 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018210.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 75 Resp: 21476

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.6	39.8

