

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020221\
 Data File : VW018017.D
 Acq On : 02 Feb 2021 17:47
 Operator : SY/VA
 Sample : M1298-12
 Misc : 4.52G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0A38

Quant Time: Feb 03 00:28:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 00:24:42 2021
 Response via : Initial Calibration

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

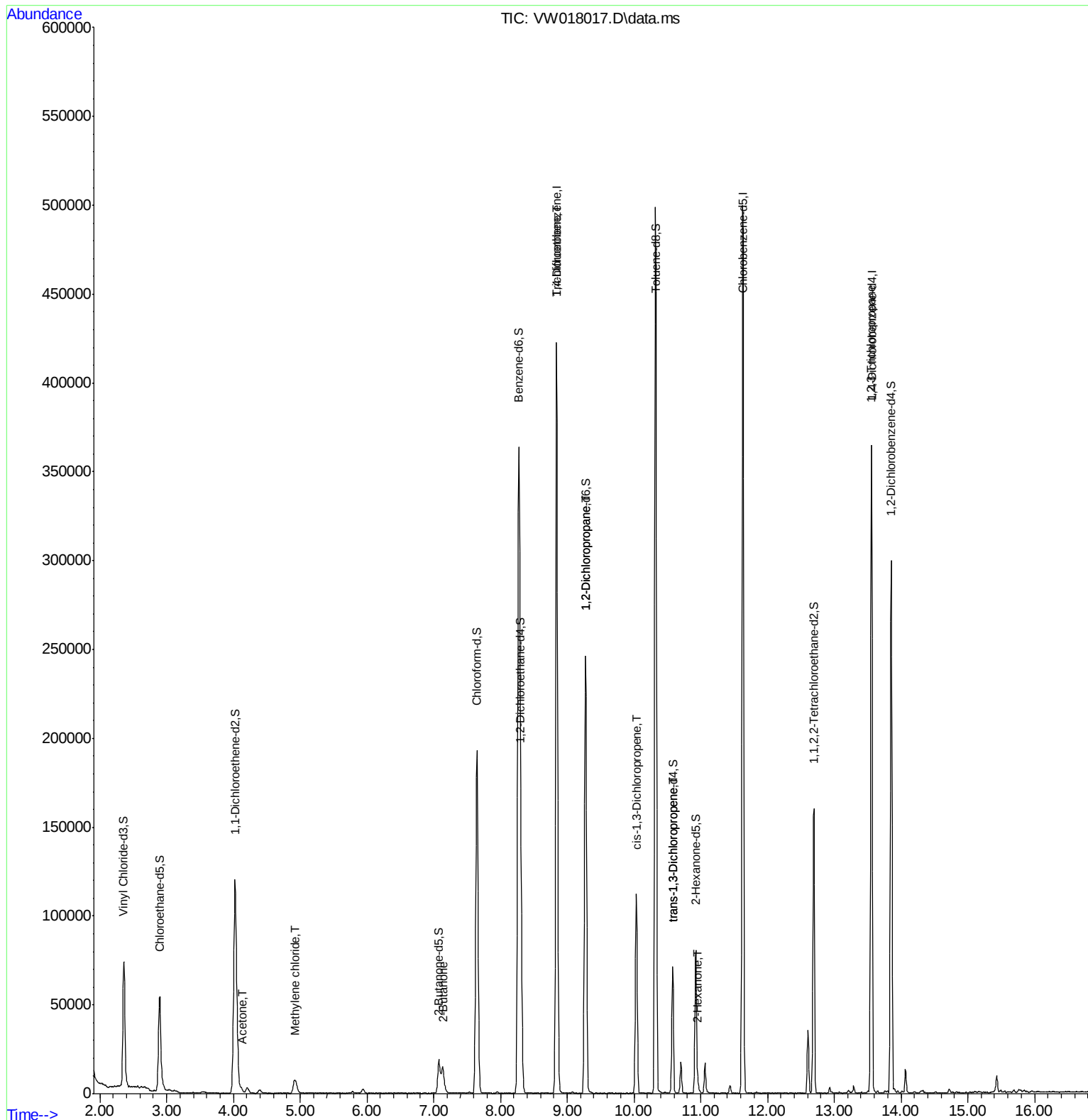
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	373536	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	291611	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	100872	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	94663	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.56%
7) Chloroethane-d5	2.891	69	76942	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.52%
10) 1,1-Dichloroethene-d2	4.025	63	137097	14.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.08%
20) 2-Butanone-d5	7.074	46	31647	25.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.10%
24) Chloroform-d	7.647	84	205612	20.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.92%
26) 1,2-Dichloroethane-d4	8.305	65	106653	20.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.72%
29) Benzene-d6	8.275	84	388384	24.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.04%
33) 1,2-Dichloropropane-d6	9.274	67	114814	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.56%
37) Toluene-d8	10.323	98	346876	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.08%
38) trans-1,3-Dichloroprop...	10.579	79	39854	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.52%
39) 2-Hexanone-d5	10.926	63	27445	32.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.10%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	78942	20.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.28%
61) 1,2-Dichlorobenzene-d4	13.853	152	82455	22.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.64%
Target Compounds						
13) Acetone	4.129	43	3732	4.07	ug/L	51
16) Methylene chloride	4.921	84	7387	1.23	ug/L	86
21) 2-Butanone	7.141	43	4728	3.39	ug/L #	46
35) Trichloroethene	8.841	95	11124	2.32	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	13368	3.42	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2850	0.45	ug/L #	75
45) trans-1,3-Dichloropropene	10.579	75	1699	0.31	ug/L #	70
49) 2-Hexanone	10.951	43	4119	2.44	ug/L #	35
59) 1,2,3-Trichloropropane	13.554	75	10454	3.49	ug/L	96

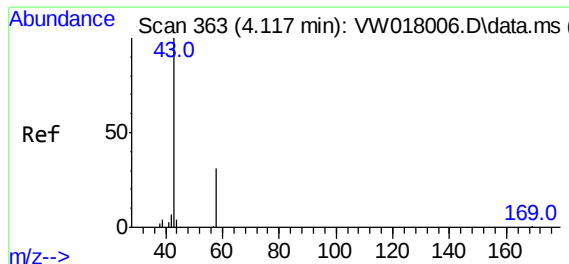
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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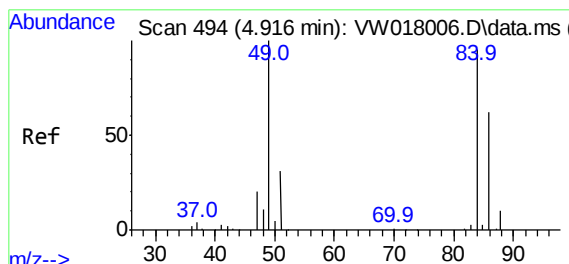
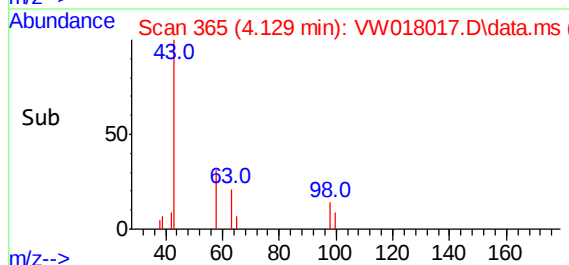
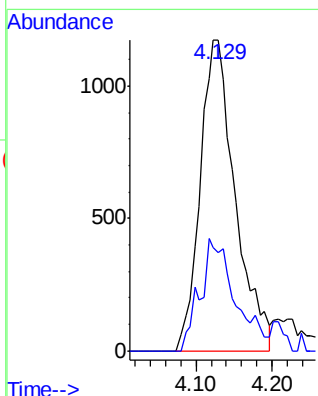
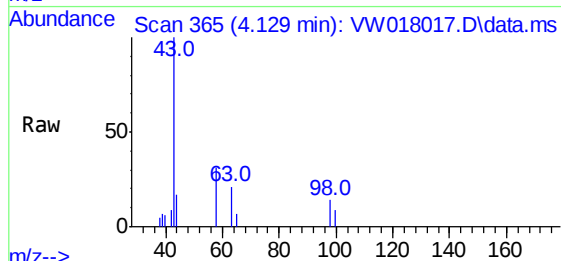




#13
Acetone
Concen: 4.07 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018017.D
Acq: 02 Feb 2021 17:47

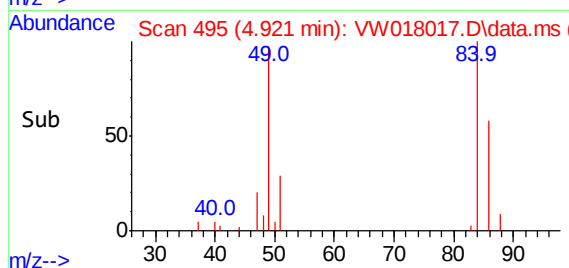
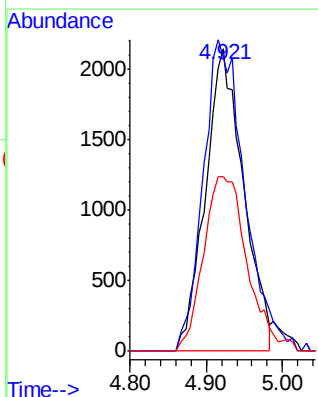
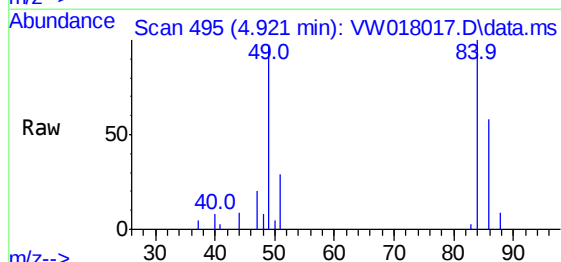
Instrument :
MSVOA_W
ClientSampled :
C0A38

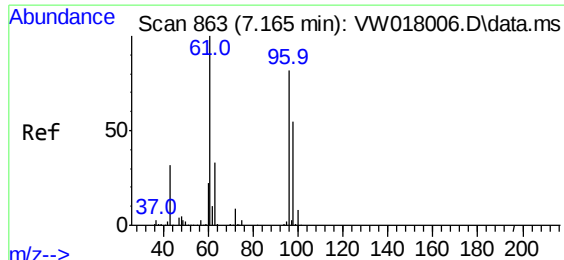
Tgt Ion: 43 Resp: 3732
Ion Ratio Lower Upper
43 100
58 6.2 0.0 68.4



#16
Methylene chloride
Concen: 1.23 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018017.D
Acq: 02 Feb 2021 17:47

Tgt Ion: 84 Resp: 7387
Ion Ratio Lower Upper
84 100
49 97.2 81.2 150.8
86 57.8 44.5 82.7

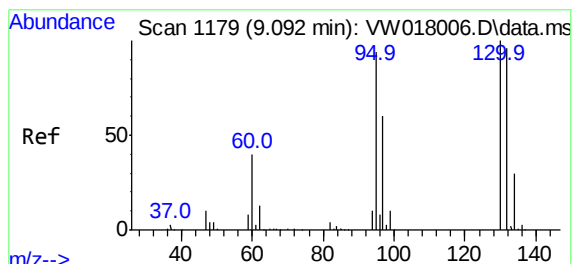
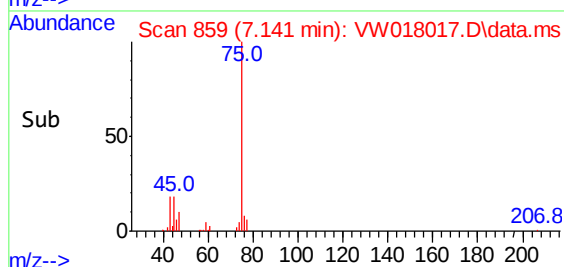
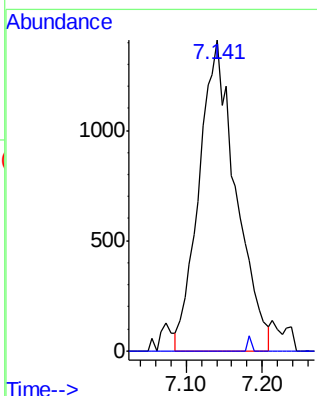
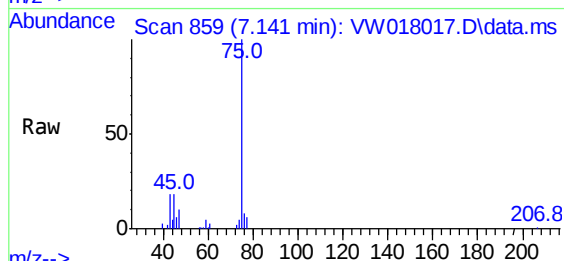




#21
2-Butanone
Concen: 3.39 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.025 min
Lab File: VW018017.D
Acq: 02 Feb 2021 17:47

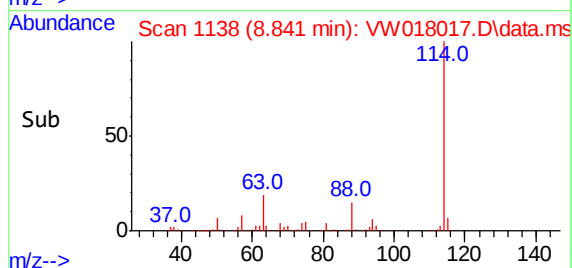
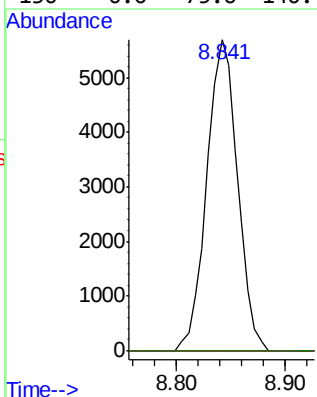
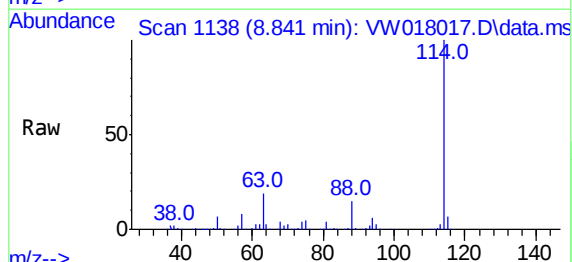
Instrument :
MSVOA_W
ClientSampled :
C0A38

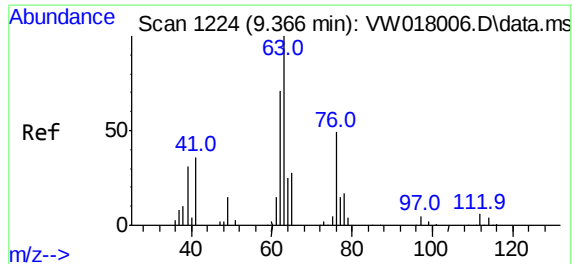
Tgt Ion: 43 Resp: 4728
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#35
Trichloroethene
Concen: 2.32 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018017.D
Acq: 02 Feb 2021 17:47

Tgt Ion: 95 Resp: 11124
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#

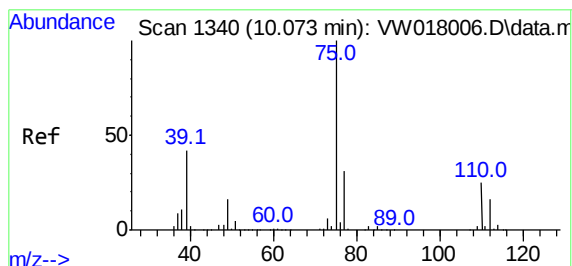
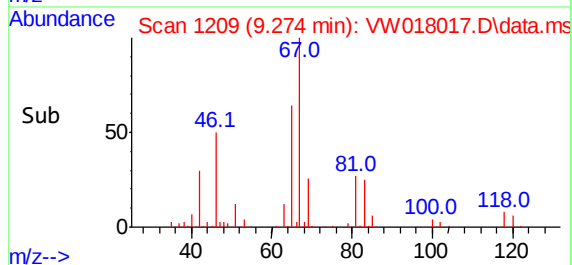
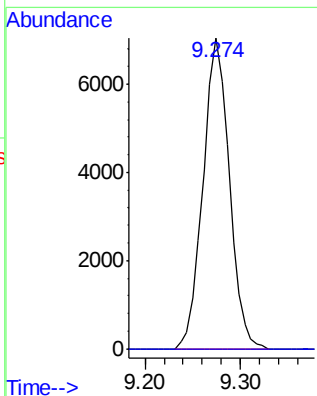
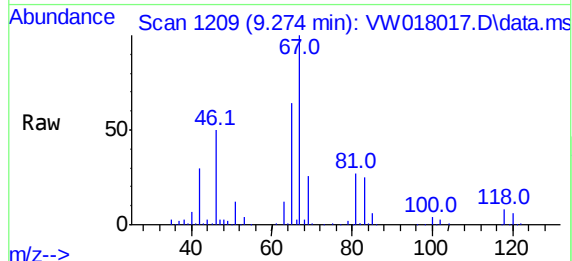




#40
1,2-Dichloropropane
Concen: 3.42 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018017.D
Acq: 02 Feb 2021 17:47

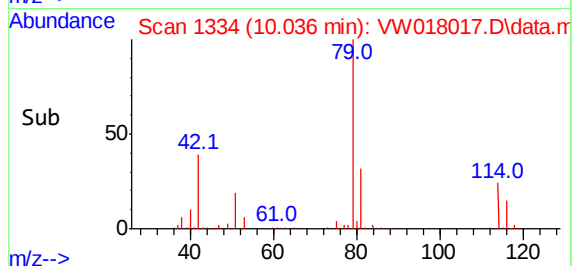
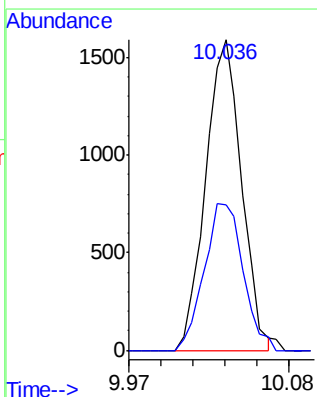
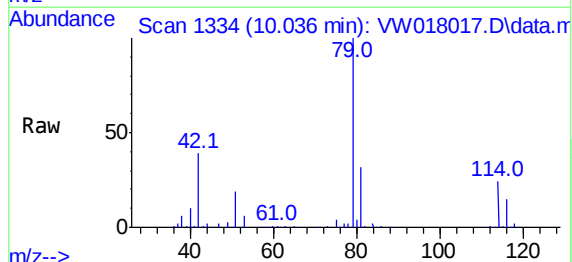
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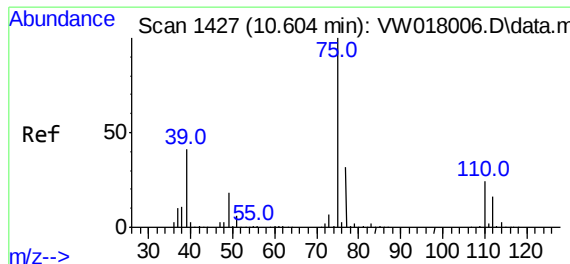
Tgt Ion: 63 Resp: 13368
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018017.D
Acq: 02 Feb 2021 17:47

Tgt Ion: 75 Resp: 2850
Ion Ratio Lower Upper
75 100
77 46.7 22.7 42.3#

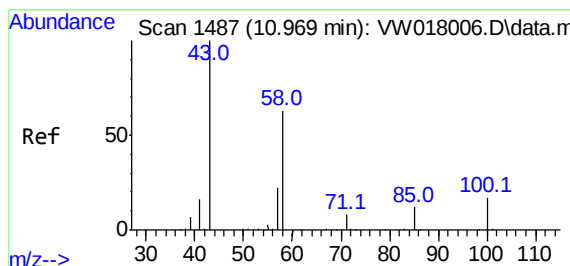
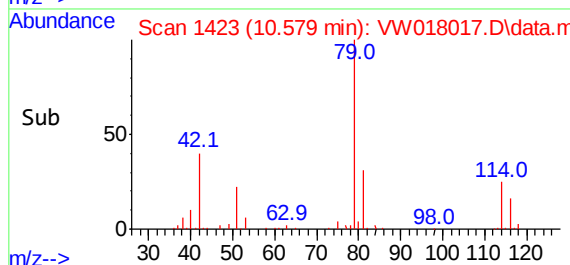
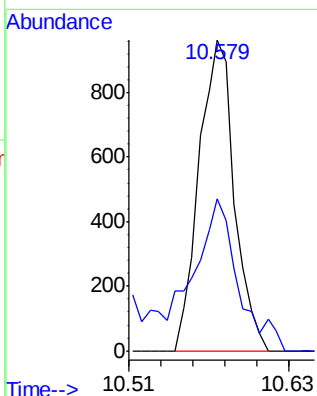
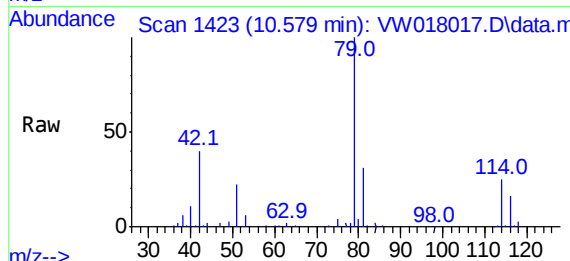




#45
trans-1,3-Dichloropropene
Concen: 0.31 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018017.D
Acq: 02 Feb 2021 17:47

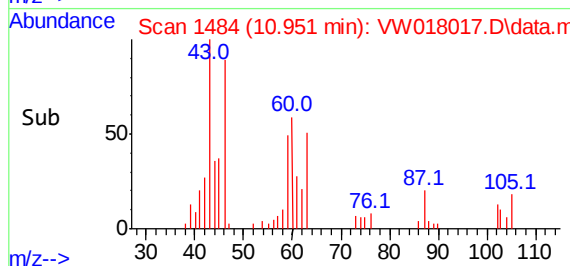
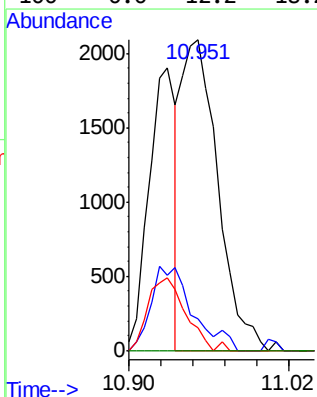
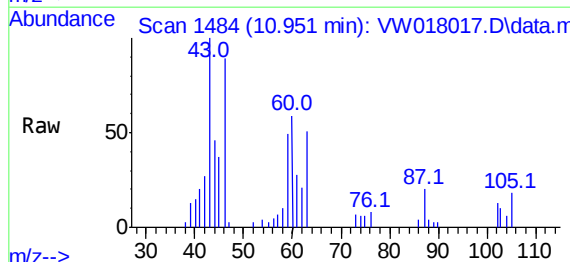
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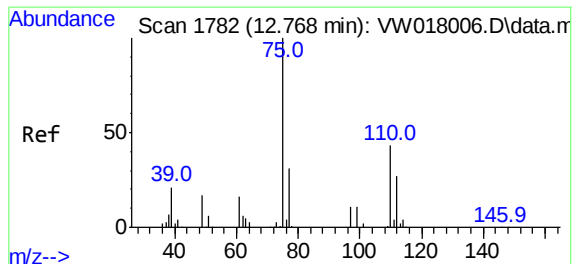
Tgt Ion: 75 Resp: 1699
Ion Ratio Lower Upper
75 100
77 49.0 22.6 42.0#



#49
2-Hexanone
Concen: 2.44 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW018017.D
Acq: 02 Feb 2021 17:47

Tgt Ion: 43 Resp: 4119
Ion Ratio Lower Upper
43 100
58 2.1 51.3 76.9#
57 0.5 15.0 22.6#
100 0.0 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 3.49 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018017.D
 Acq: 02 Feb 2021 17:47

Instrument :
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Tgt Ion: 75 Resp: 10454
 Ion Ratio Lower Upper
 75 100
 77 35.5 26.6 39.8

