

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018068.D
 Acq On : 10 Feb 2021 17:33
 Operator : SY/VA
 Sample : M1377-01
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:59:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

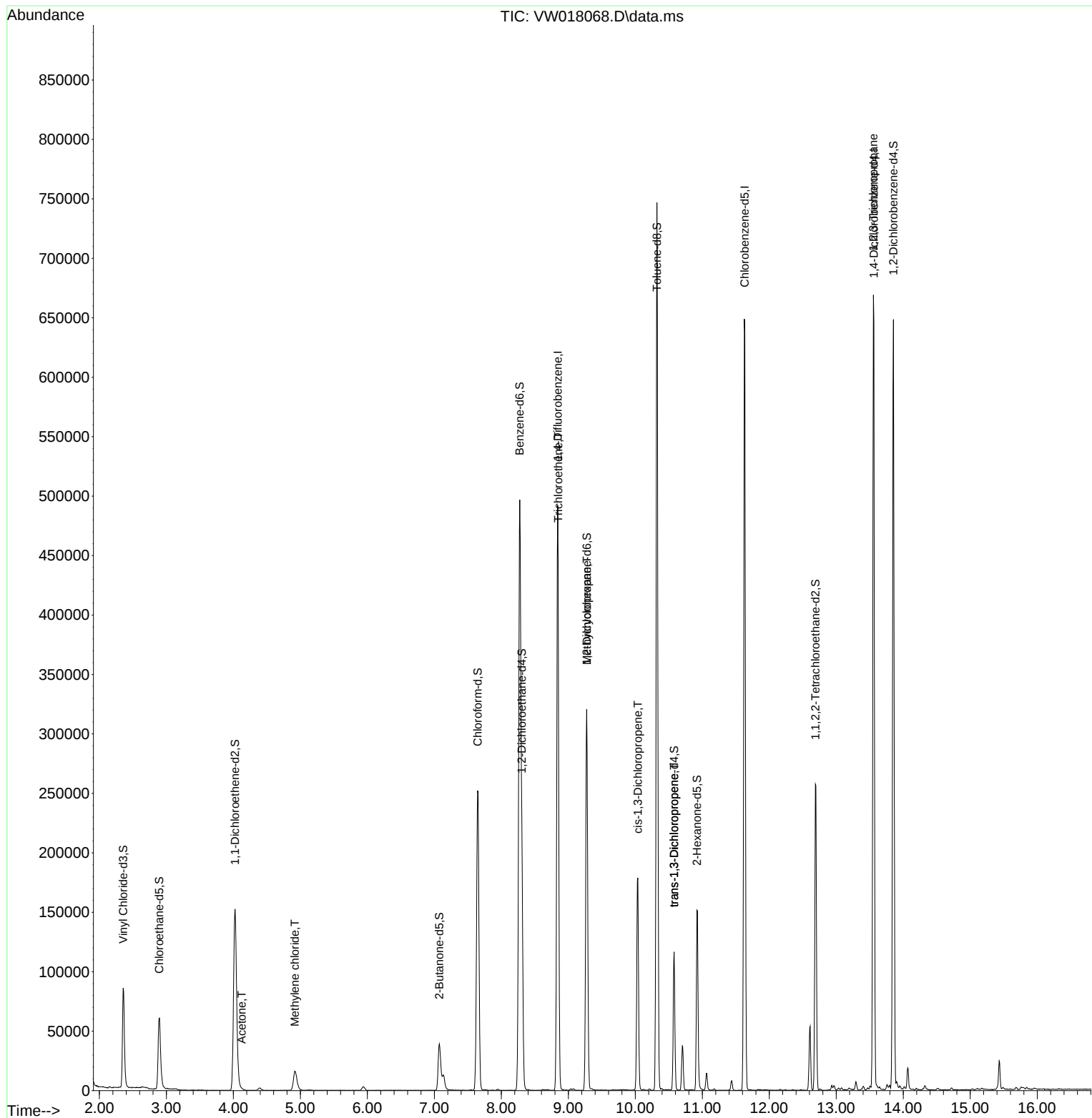
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	437915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	394244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	190808	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	106531	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.28%
7) Chloroethane-d5	2.891	69	88787	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.20%
10) 1,1-Dichloroethene-d2	4.025	63	168750	15.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.04%
20) 2-Butanone-d5	7.074	46	65922	45.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.78%
24) Chloroform-d	7.647	84	271000	23.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	8.305	65	145364	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.00%
29) Benzene-d6	8.275	84	532809	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	9.274	67	151280	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.96%
37) Toluene-d8	10.323	98	496962	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.52%
38) trans-1,3-Dichloroprop...	10.579	79	66276	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.60%
39) 2-Hexanone-d5	10.921	63	55788	48.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.38%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	130546	24.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.20%
61) 1,2-Dichlorobenzene-d4	13.853	152	179926	26.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.72%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	1545	1.44	ug/L	71
16) Methylene chloride	4.916	84	16109	2.30	ug/L	94
35) Trichloroethene	8.848	95	13004	2.00	ug/L #	3
36) Methylcyclohexane	9.274	83	39628	3.63	ug/L #	20
42) cis-1,3-Dichloropropene	10.037	75	4485	0.53	ug/L #	69
45) trans-1,3-Dichloropropene	10.579	75	2853	0.38	ug/L #	78
59) 1,2,3-Trichloropropane	13.554	75	19189	4.74	ug/L	97

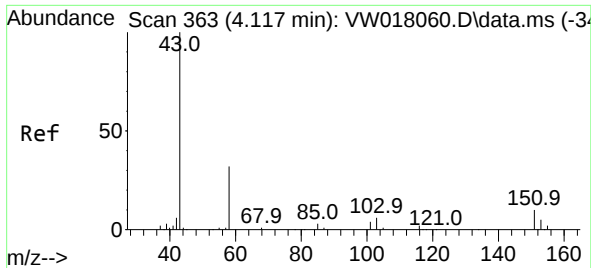
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Feb 11 00:57:43 2021
Response via : Initial Calibration

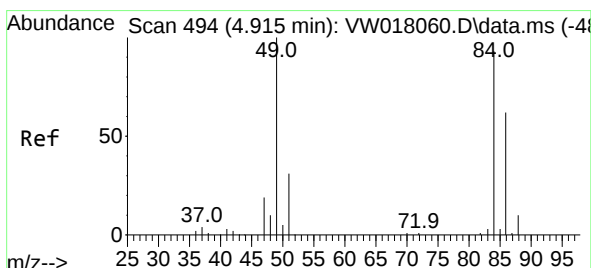
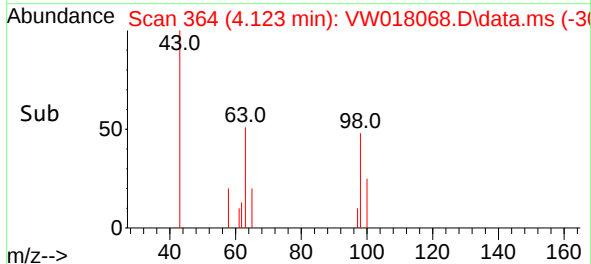
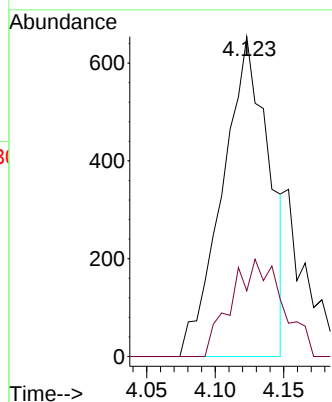
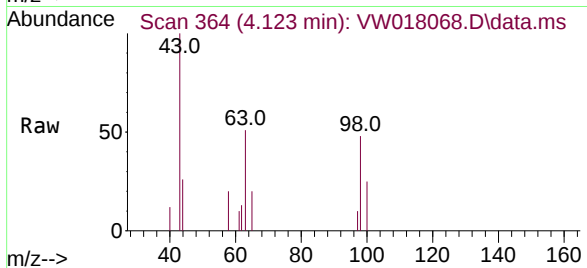




#13
Acetone
Concen: 1.44 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018068.D
Acq: 10 Feb 2021 17:33

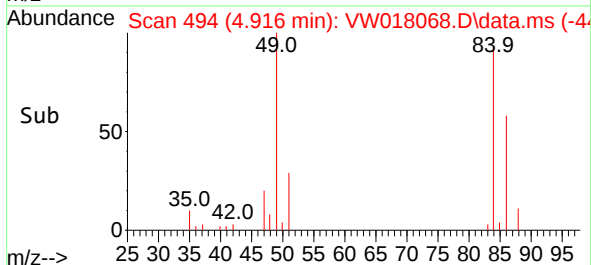
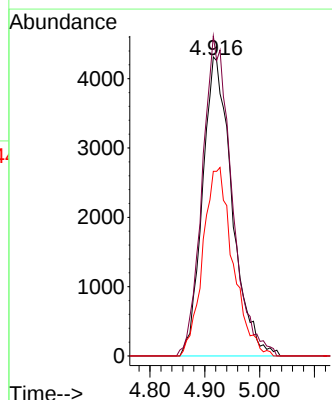
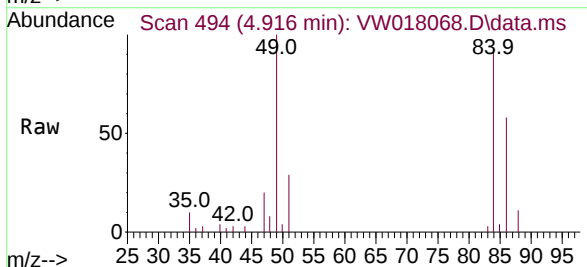
Instrument :
MSVOA_W
ClientSampled :

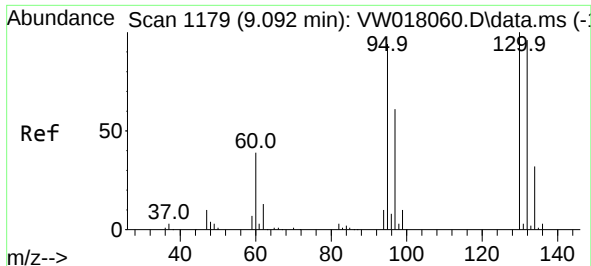
Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
58 17.3 0.0 68.4



#16
Methylene chloride
Concen: 2.30 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018068.D
Acq: 10 Feb 2021 17:33

Tgt Ion: 84 Resp: 16109
Ion Ratio Lower Upper
84 100
49 107.0 81.2 150.8
86 61.7 44.5 82.7

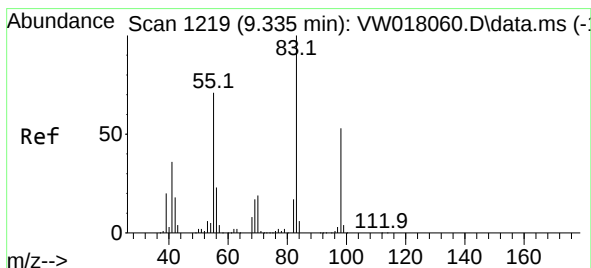
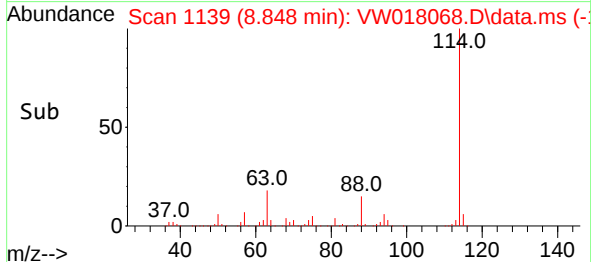
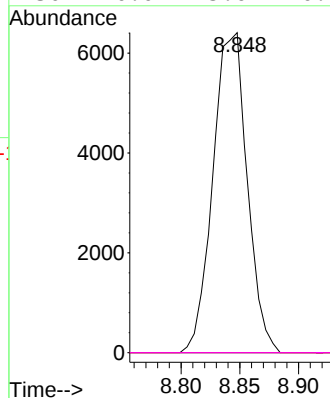
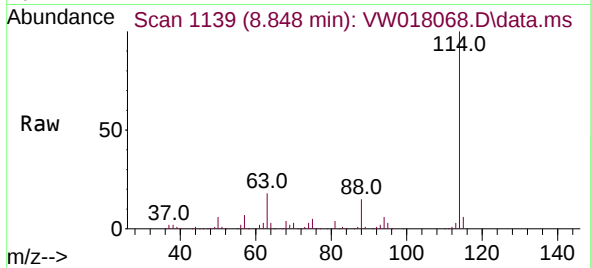




#35
Trichloroethene
Concen: 2.00 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018068.D
Acq: 10 Feb 2021 17:33

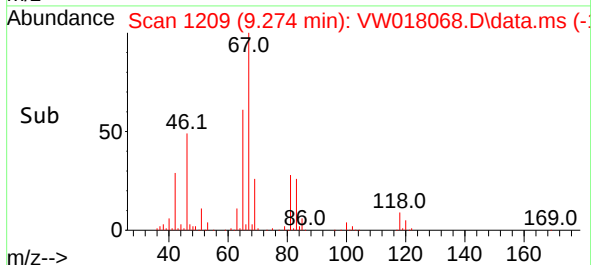
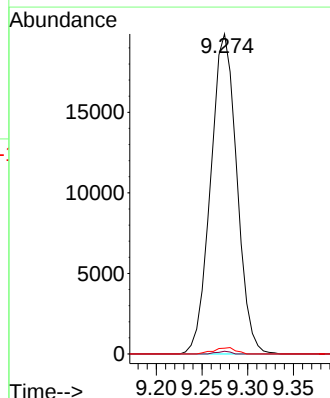
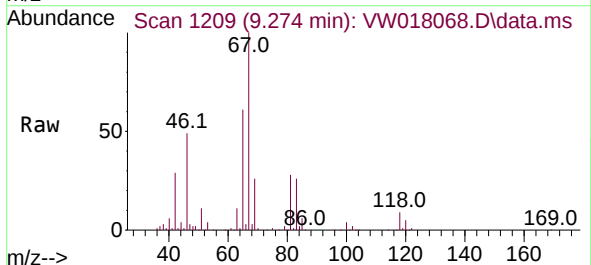
Instrument :
MSVOA_W
ClientSampled :

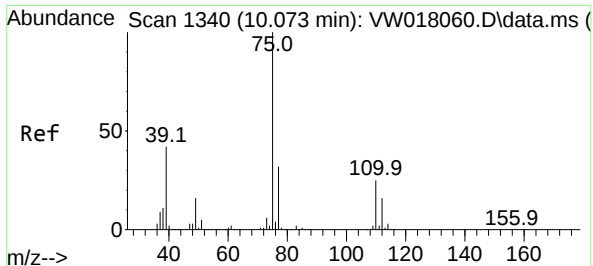
Tgt Ion:	95	Resp:	13004
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#



#36
Methylcyclohexane
Concen: 3.63 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018068.D
Acq: 10 Feb 2021 17:33

Tgt Ion:	83	Resp:	39628
Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.4	89.0#
98	1.7	40.7	61.1#

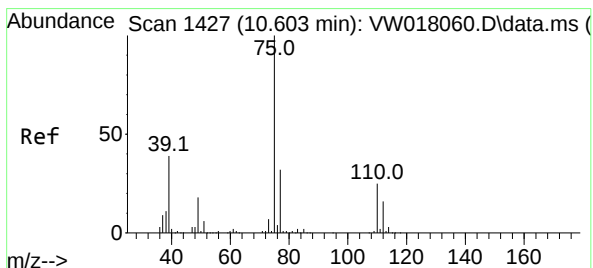
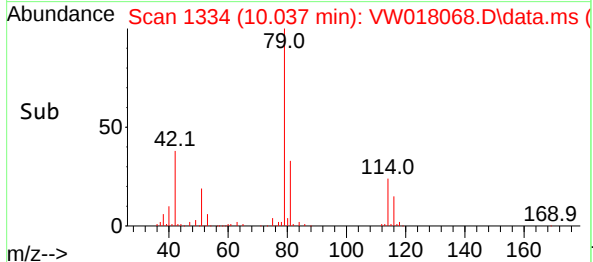
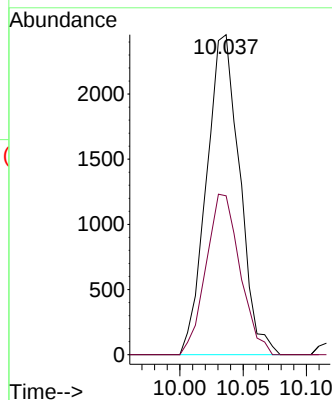
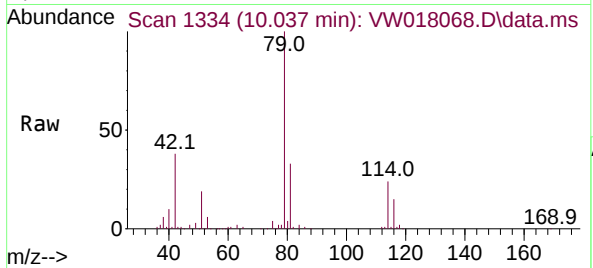




#42
cis-1,3-Dichloropropene
Concen: 0.53 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018068.D
Acq: 10 Feb 2021 17:33

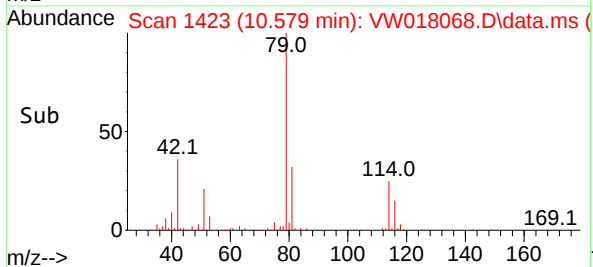
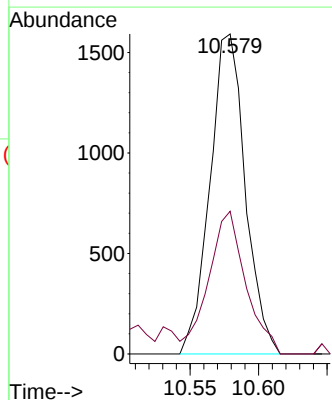
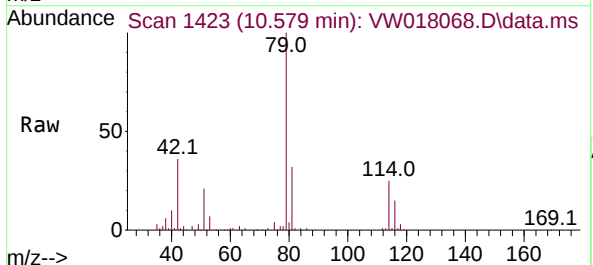
Instrument :
MSVOA_W
ClientSampled :

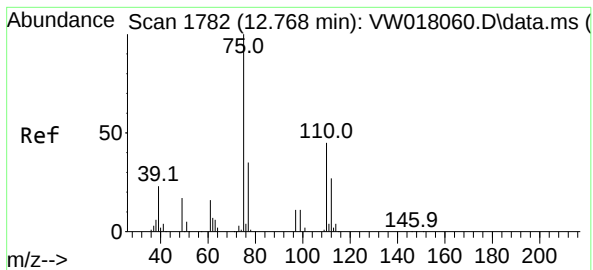
Tgt Ion: 75 Resp: 4485
Ion Ratio Lower Upper
75 100
77 49.6 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.38 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018068.D
Acq: 10 Feb 2021 17:33

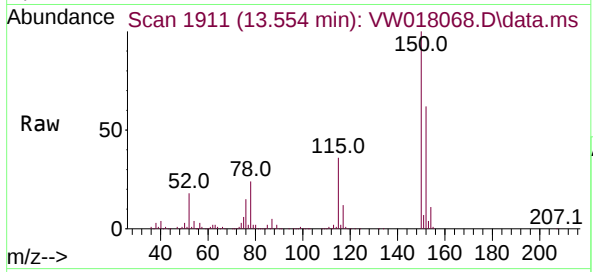
Tgt Ion: 75 Resp: 2853
Ion Ratio Lower Upper
75 100
77 44.6 22.6 42.0#





#59
 1,2,3-Trichloropropane
 Concen: 4.74 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018068.D
 Acq: 10 Feb 2021 17:33

Instrument :
 MSVOA_W
 ClientSampled :



Tgt Ion: 75 Resp: 19189
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.6 39.8

