

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018438.D
 Acq On : 24 Mar 2021 11:21
 Operator : SY/VA
 Sample : M1781-08RE
 Misc : 5.83G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4N4

Quant Time: Mar 25 01:24:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 01:23:35 2021
 Response via : Initial Calibration

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

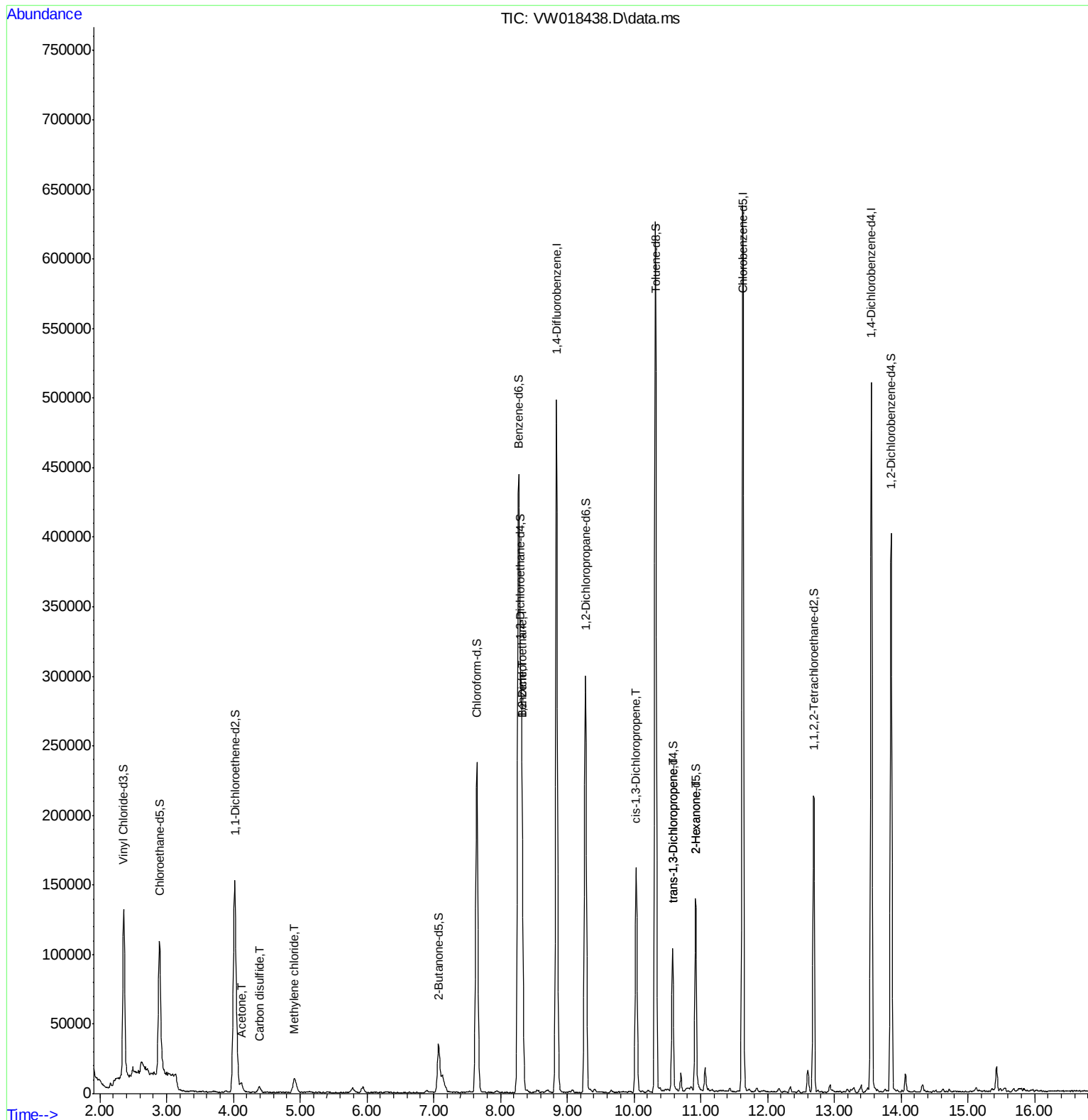
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	410832	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	330226	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	120093	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	143225	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.20%
7) Chloroethane-d5	2.891	69	132258	26.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.72%
10) 1,1-Dichloroethene-d2	4.019	63	168456	17.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.28%
20) 2-Butanone-d5	7.067	46	59183	46.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.00%
24) Chloroform-d	7.647	84	231508	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	8.305	65	139195	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.16%
29) Benzene-d6	8.268	84	450755	25.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.72%
33) 1,2-Dichloropropane-d6	9.274	67	131042	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.52%
37) Toluene-d8	10.323	98	397837	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.16%
38) trans-1,3-Dichloroprop...	10.579	79	55788	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.44%
39) 2-Hexanone-d5	10.920	63	46788	47.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.42%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	104534	23.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.32%
61) 1,2-Dichlorobenzene-d4	13.853	152	95942	22.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.88%
Target Compounds						Qvalue
13) Acetone	4.123	43	10901	11.92	ug/L	96
14) Carbon disulfide	4.391	76	6659	0.43	ug/L	96
16) Methylene chloride	4.915	84	5467	0.81	ug/L	91
27) 1,2-Dichloroethane	8.323	62	1582	0.22	ug/L	99
34) Benzene	8.323	78	172714	9.03	ug/L	100
42) cis-1,3-Dichloropropene	10.030	75	5106	0.65	ug/L #	54
45) trans-1,3-Dichloropropene	10.579	75	3000	0.42	ug/L	91
49) 2-Hexanone	10.920	43	6779	3.41	ug/L #	65

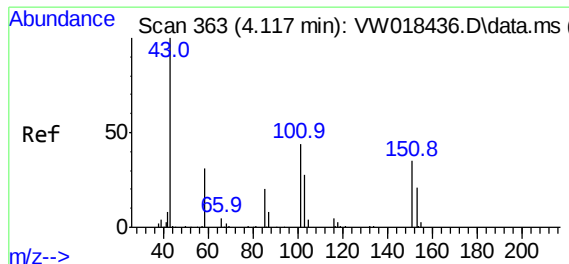
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 25 01:23:35 2021
Response via : Initial Calibration

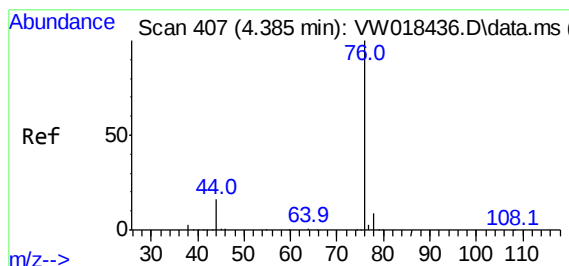
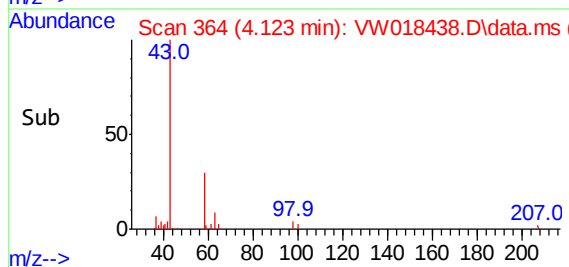
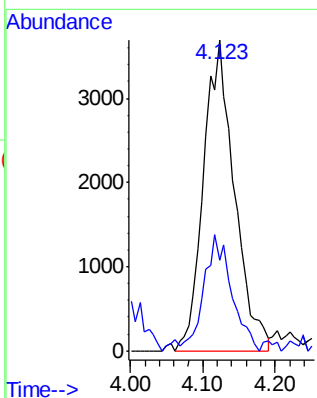
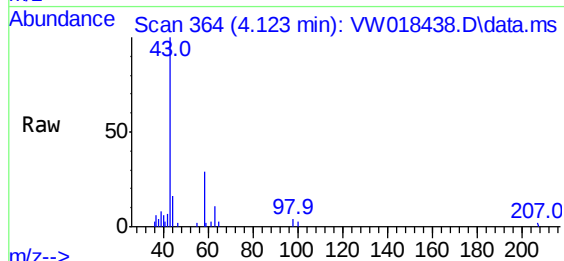




#13
Acetone
Concen: 11.92 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018438.D
Acq: 24 Mar 2021 11:21

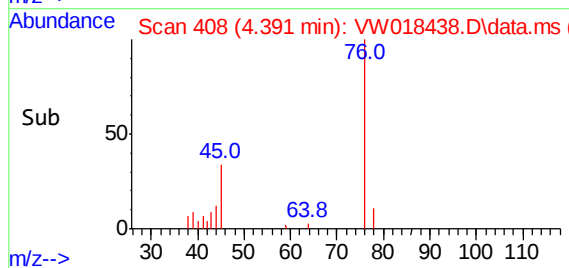
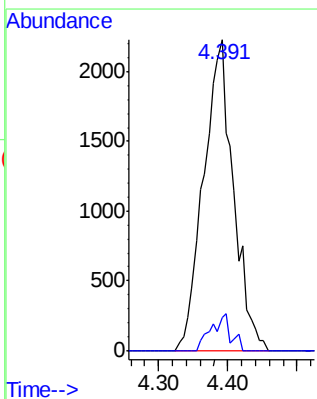
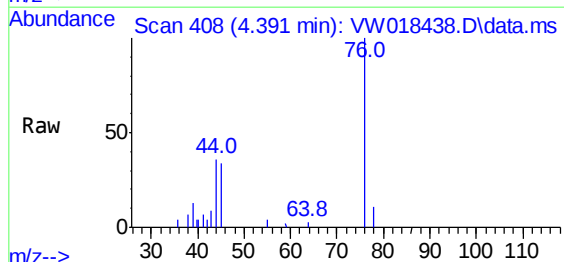
Instrument :
MSVOA_W
ClientSampled :
BG4N4

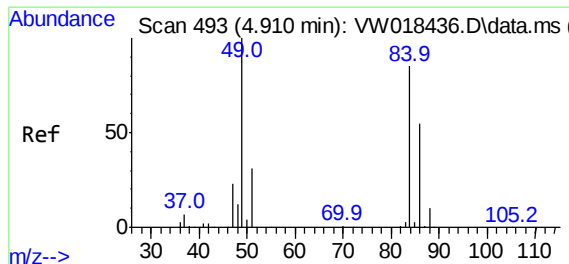
Tgt Ion: 43 Resp: 10901
Ion Ratio Lower Upper
43 100
58 33.3 0.0 62.2



#14
Carbon disulfide
Concen: 0.43 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018438.D
Acq: 24 Mar 2021 11:21

Tgt Ion: 76 Resp: 6659
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.2



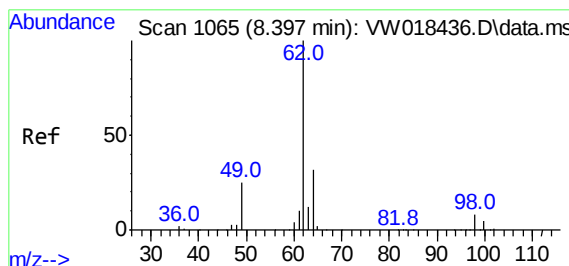
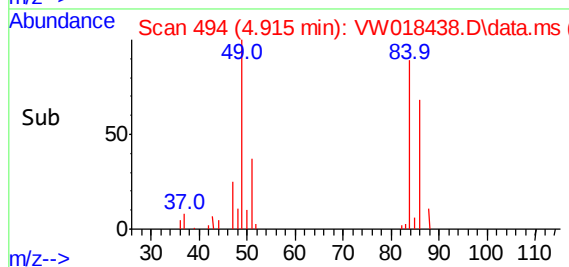
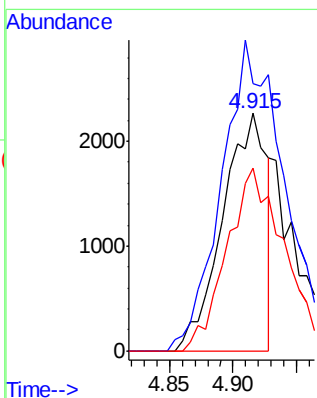
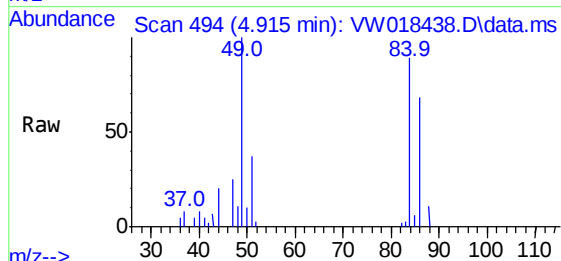


#16
Methylene chloride
Concen: 0.81 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018438.D
Acq: 24 Mar 2021 11:21

Instrument :
MSVOA_W
ClientSampled :
BG4N4

Tgt Ion: 84 Resp: 5467

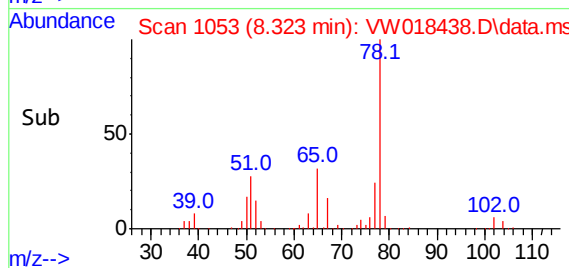
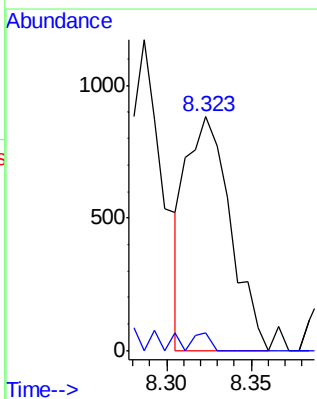
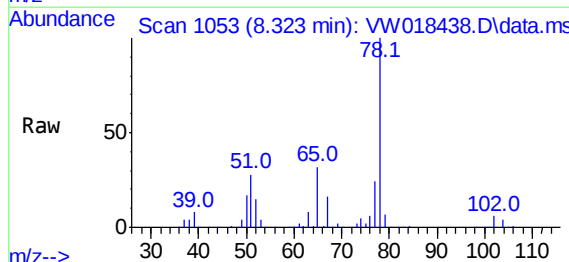
Ion	Ratio	Lower	Upper
84	100		
49	112.9	74.4	138.2
86	77.1	46.1	85.7

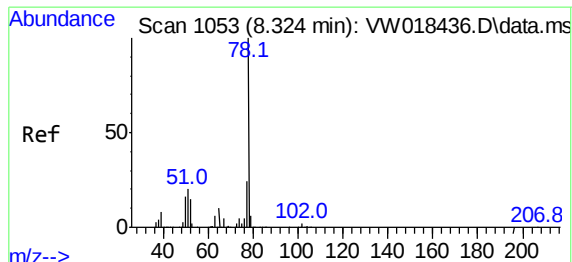


#27
1,2-Dichloroethane
Concen: 0.22 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.073 min
Lab File: VW018438.D
Acq: 24 Mar 2021 11:21

Tgt Ion: 62 Resp: 1582

Ion	Ratio	Lower	Upper
62	100		
98	7.7	6.4	9.6

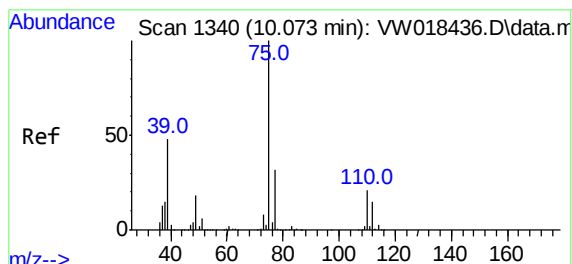
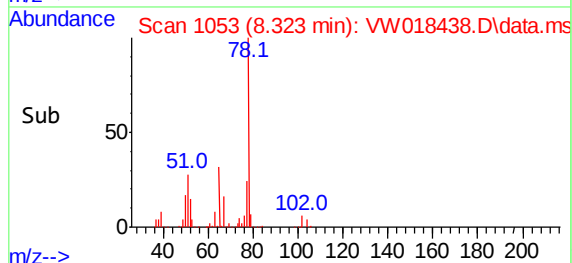
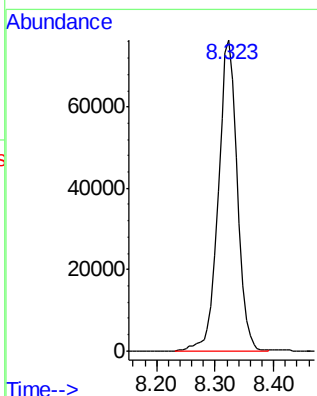
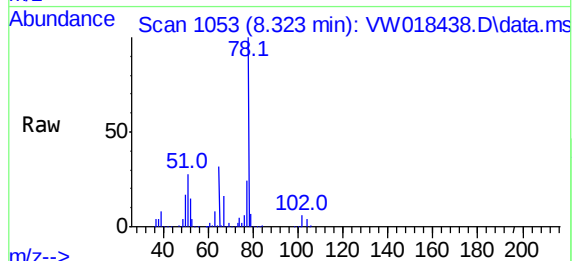




#34
Benzene
Concen: 9.03 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018438.D
Acq: 24 Mar 2021 11:21

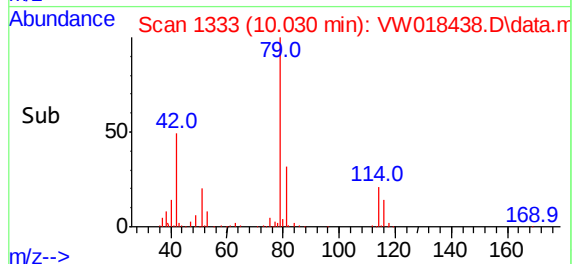
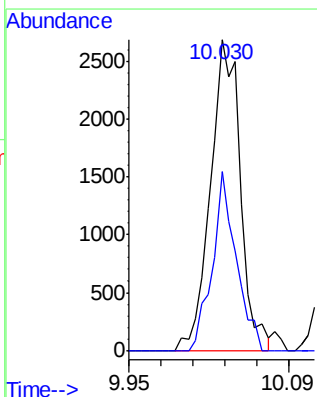
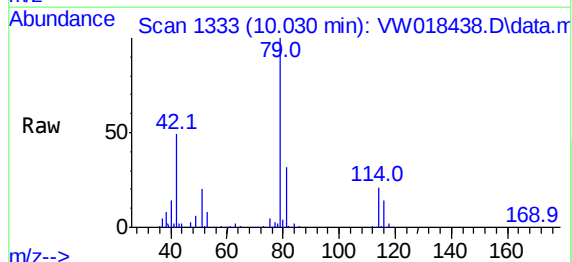
Instrument :
MSVOA_W
ClientSampled :
BG4N4

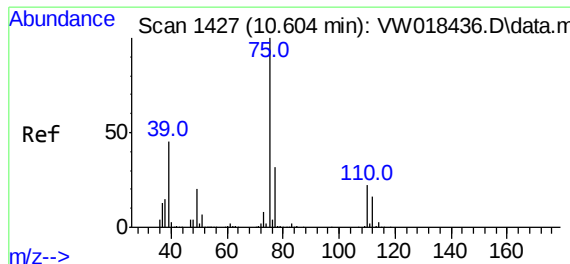
Tgt Ion: 78 Resp: 172714



#42
cis-1,3-Dichloropropene
Concen: 0.65 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018438.D
Acq: 24 Mar 2021 11:21

Tgt Ion: 75 Resp: 5106
Ion Ratio Lower Upper
75 100
77 57.5 22.4 41.6#

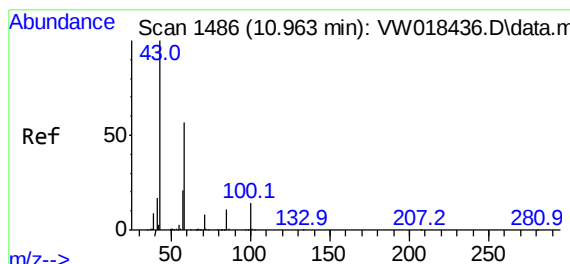
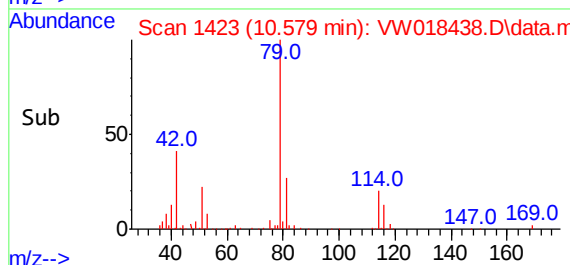
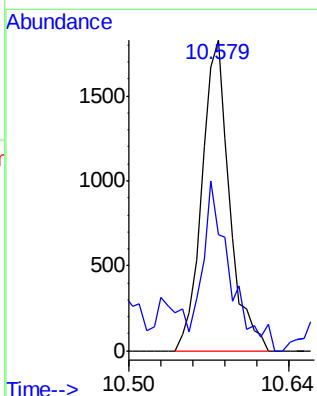
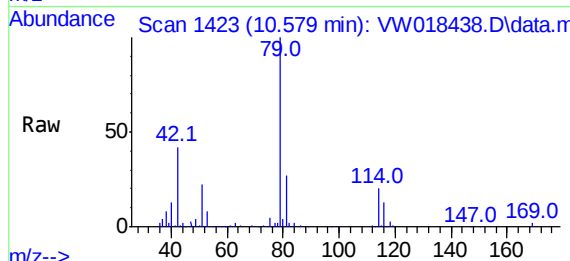




#45
trans-1,3-Dichloropropene
Concen: 0.42 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018438.D
Acq: 24 Mar 2021 11:21

Instrument :
MSVOA_W
ClientSampleId :
BG4N4

Tgt Ion: 75 Resp: 3000
Ion Ratio Lower Upper
75 100
77 37.5 22.6 42.0



#49
2-Hexanone
Concen: 3.41 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.043 min
Lab File: VW018438.D
Acq: 24 Mar 2021 11:21

Tgt Ion: 43 Resp: 6779
Ion Ratio Lower Upper
43 100
58 24.4 47.3 70.9#
57 23.4 17.3 25.9
100 1.4 12.9 19.3#

