

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018475.D
 Acq On : 29 Mar 2021 10:36
 Operator : SY/VA
 Sample : M1859-01
 Misc : 5.28G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG502

Quant Time: Mar 30 03:10:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

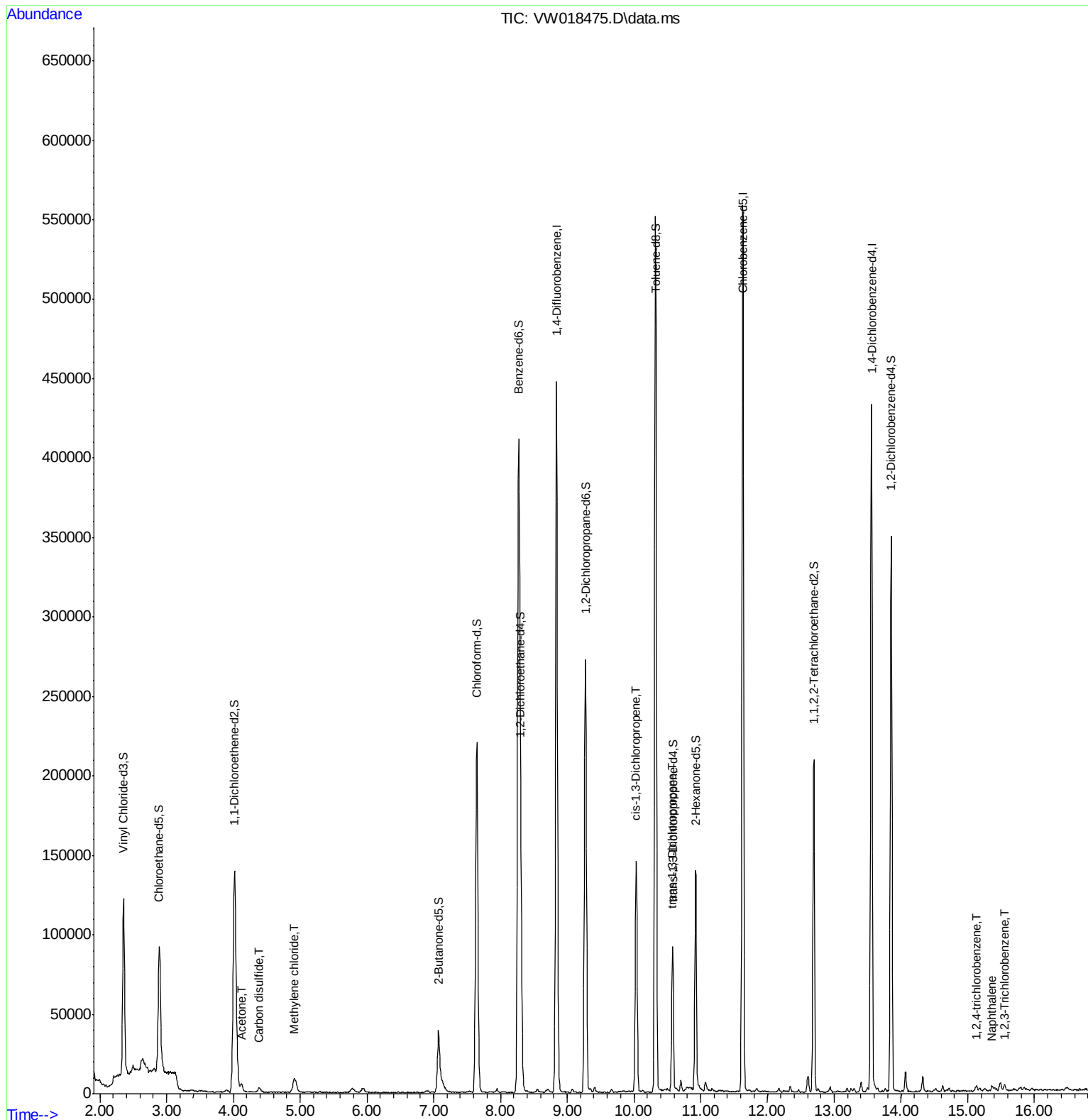
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	374948	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	305608	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	103908	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	122701	23.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.08%		
7) Chloroethane-d5	2.885	69	107448	23.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.12%		
10) 1,1-Dichloroethene-d2	4.013	63	151829	16.85	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.40%		
20) 2-Butanone-d5	7.074	46	62418	53.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.46%		
24) Chloroform-d	7.647	84	223366	23.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.56%		
26) 1,2-Dichloroethane-d4	8.305	65	131895	23.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.64%		
29) Benzene-d6	8.275	84	419856	25.84	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.36%		
33) 1,2-Dichloropropane-d6	9.275	67	121272	25.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.52%		
37) Toluene-d8	10.323	98	369263	23.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.44%		
38) trans-1,3-Dichloroprop...	10.579	79	49013	20.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.12%		
39) 2-Hexanone-d5	10.921	63	48205	52.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.12%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	99081	23.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.52%		
61) 1,2-Dichlorobenzene-d4	13.853	152	89736	24.29	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.16%		
Target Compounds						
13) Acetone	4.123	43	8115	9.72	ug/L	71
14) Carbon disulfide	4.385	76	3802	0.27	ug/L #	83
16) Methylene chloride	4.909	84	7891	1.28	ug/L	95
42) cis-1,3-Dichloropropene	10.031	75	4348	0.59	ug/L #	82
45) trans-1,3-Dichloropropene	10.573	75	3251	0.49	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	1164	0.29	ug/L #	89
69) Naphthalene	15.359	128	2509	0.30	ug/L #	79
70) 1,2,3-Trichlorobenzene	15.554	180	1050	0.29	ug/L #	90

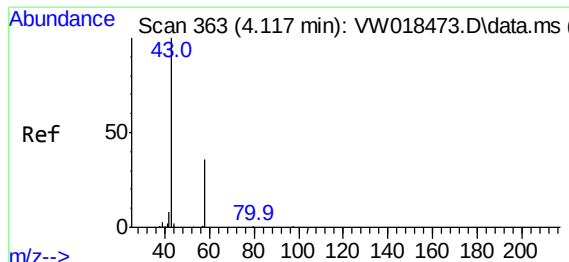
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Mar 30 03:10:03 2021
Response via : Initial Calibration

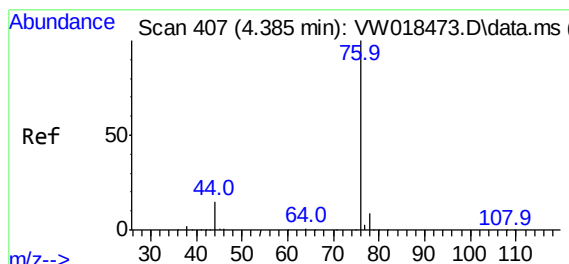
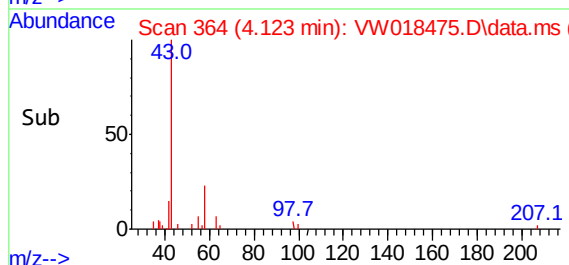
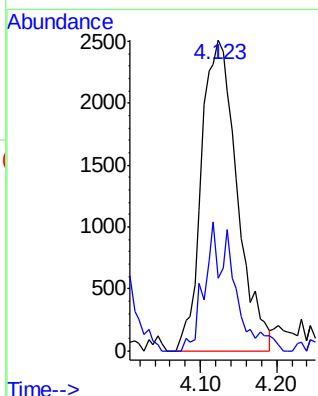
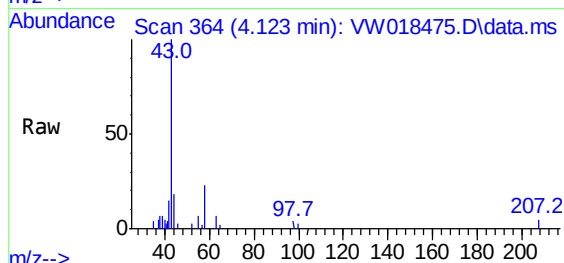




#13
Acetone
Concen: 9.72 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018475.D
Acq: 29 Mar 2021 10:36

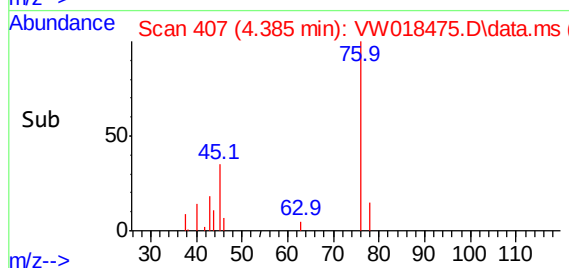
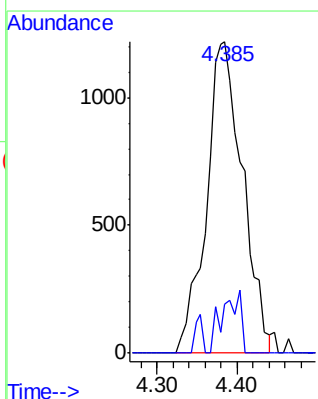
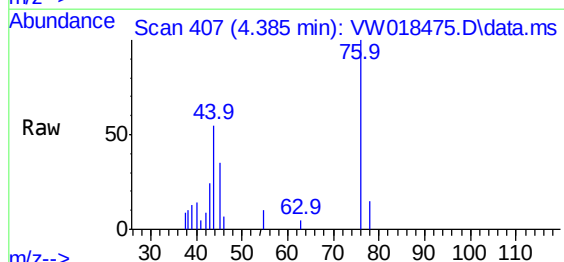
Instrument :
MSVOA_W
ClientSampled :
BG502

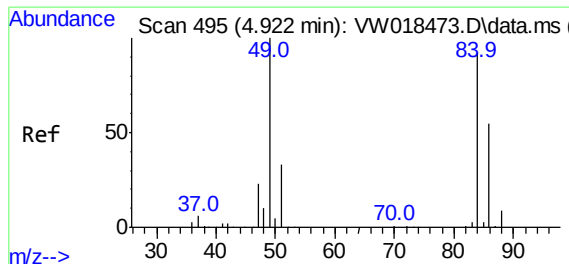
Tgt Ion: 43 Resp: 8115
Ion Ratio Lower Upper
43 100
58 15.4 0.0 62.2



#14
Carbon disulfide
Concen: 0.27 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018475.D
Acq: 29 Mar 2021 10:36

Tgt Ion: 76 Resp: 3802
Ion Ratio Lower Upper
76 100
78 15.5 7.4 11.2#



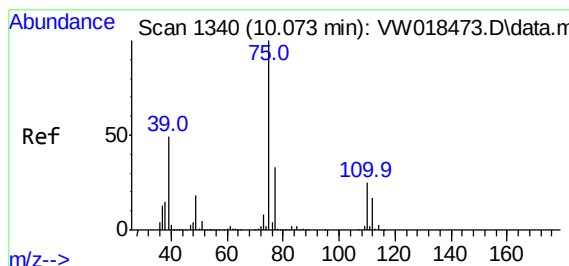
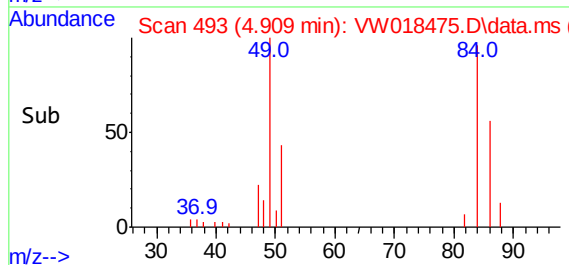
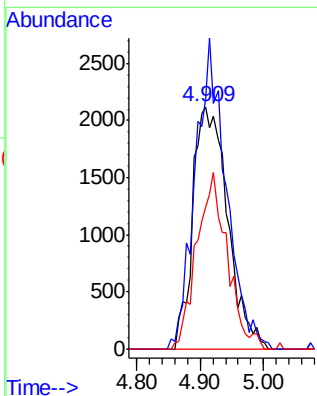
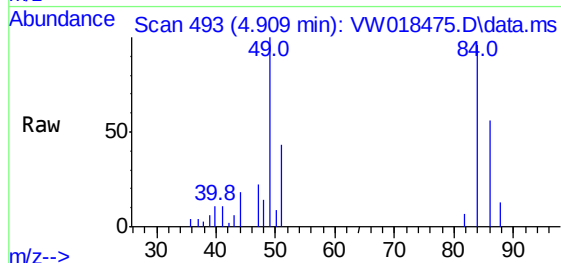


#16
Methylene chloride
Concen: 1.28 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW018475.D
Acq: 29 Mar 2021 10:36

Instrument :
MSVOA_W
ClientSampleId :
BG502

Tgt Ion: 84 Resp: 7891

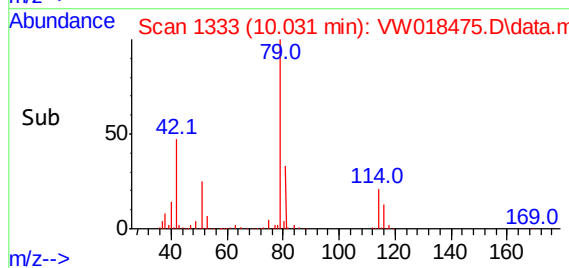
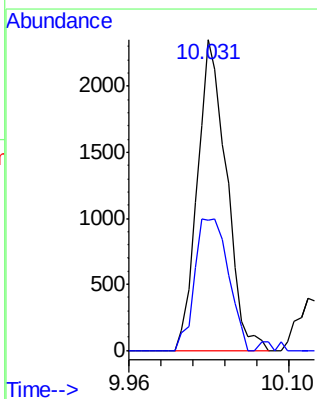
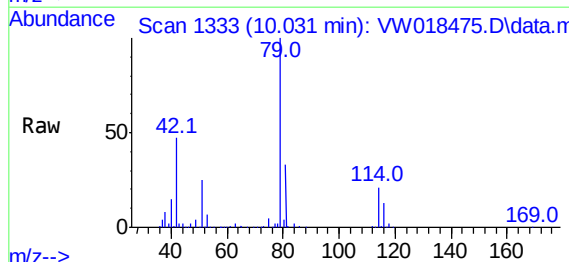
Ion	Ratio	Lower	Upper
84	100		
49	103.7	74.4	138.2
86	58.4	46.1	85.7

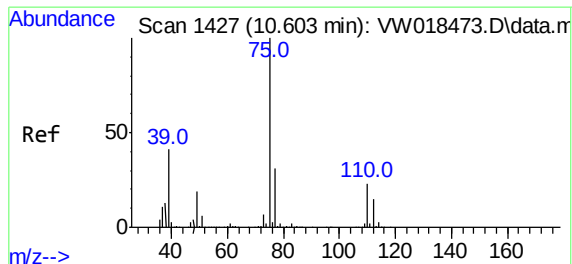


#42
cis-1,3-Dichloropropene
Concen: 0.59 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018475.D
Acq: 29 Mar 2021 10:36

Tgt Ion: 75 Resp: 4348

Ion	Ratio	Lower	Upper
75	100		
77	41.9	22.4	41.6

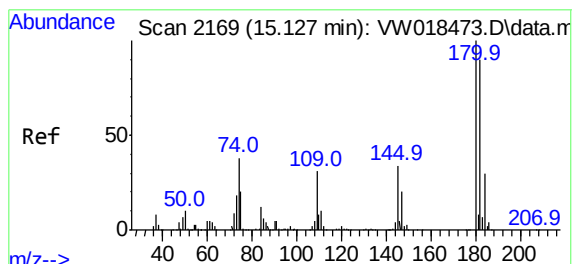
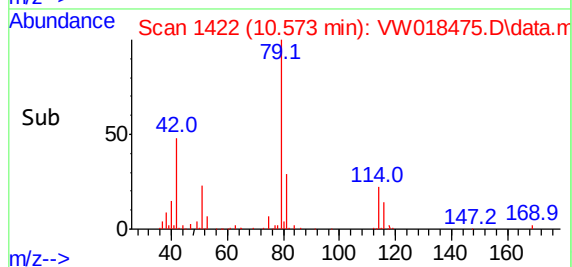
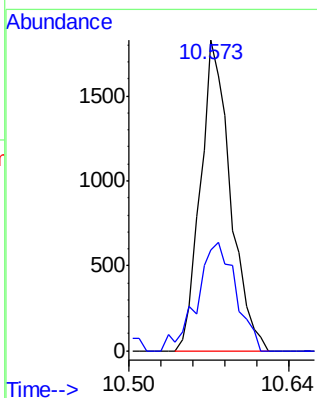
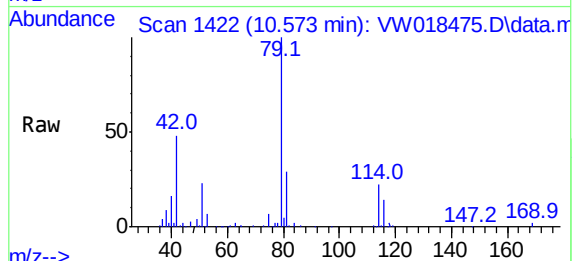




#45
trans-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018475.D
Acq: 29 Mar 2021 10:36

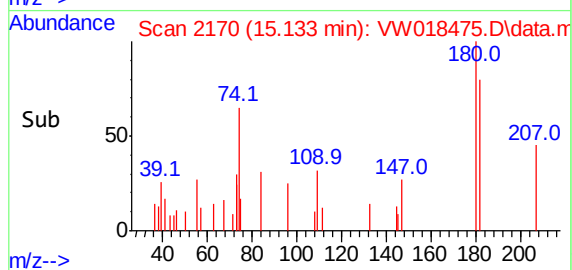
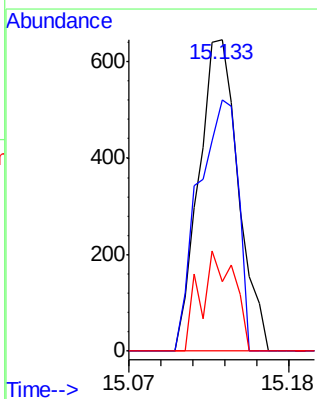
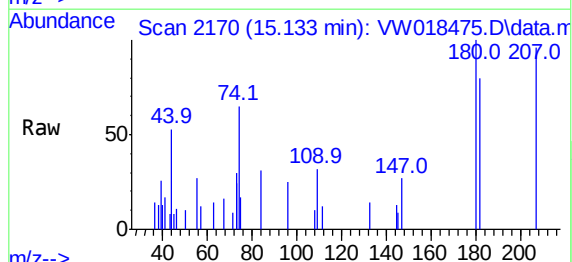
Instrument :
MSVOA_W
ClientSampled :
BG502

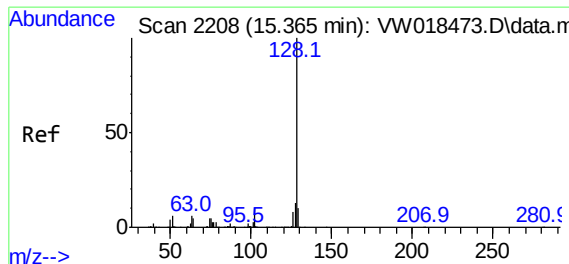
Tgt Ion: 75 Resp: 3251
Ion Ratio Lower Upper
75 100
77 32.6 22.6 42.0



#68
1,2,4-trichlorobenzene
Concen: 0.29 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018475.D
Acq: 29 Mar 2021 10:36

Tgt Ion: 180 Resp: 1164
Ion Ratio Lower Upper
180 100
182 81.2 70.2 105.4
145 18.1 24.9 37.3#

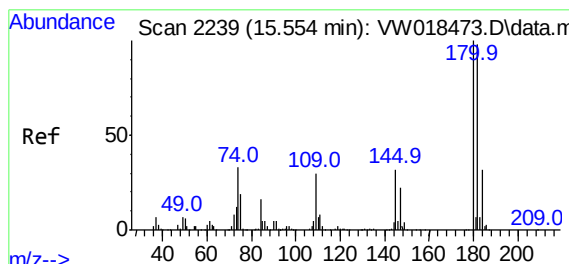
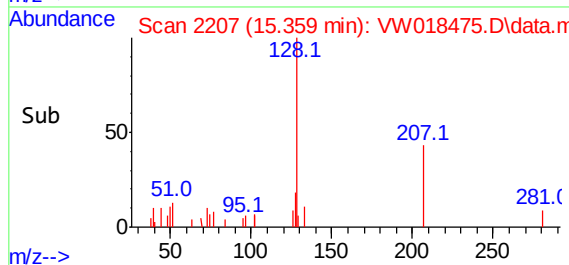
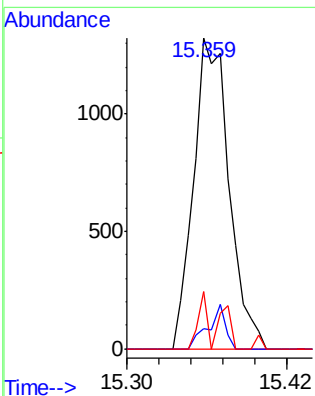
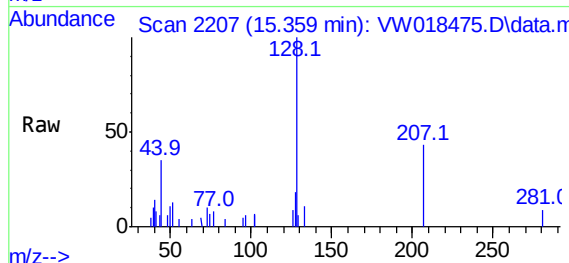




#69
Naphthalene
Concen: 0.30 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018475.D
Acq: 29 Mar 2021 10:36

Instrument :
MSVOA_W
ClientSampleId :
BG502

Tgt Ion:	128	Resp:	2509
Ion	Ratio	Lower	Upper
128	100		
129	3.3	9.1	13.7#
127	4.7	10.7	16.1#



#70
1,2,3-Trichlorobenzene
Concen: 0.29 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018475.D
Acq: 29 Mar 2021 10:36

Tgt Ion:	180	Resp:	1050
Ion	Ratio	Lower	Upper
180	100		
182	86.2	76.5	114.7
145	27.3	27.7	41.5#

