

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033021\
 Data File : VW018499.D
 Acq On : 30 Mar 2021 11:18
 Operator : SY/VA
 Sample : M1816-17
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Q4RE

Quant Time: Mar 31 01:13:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 31 01:12:37 2021
 Response via : Initial Calibration

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

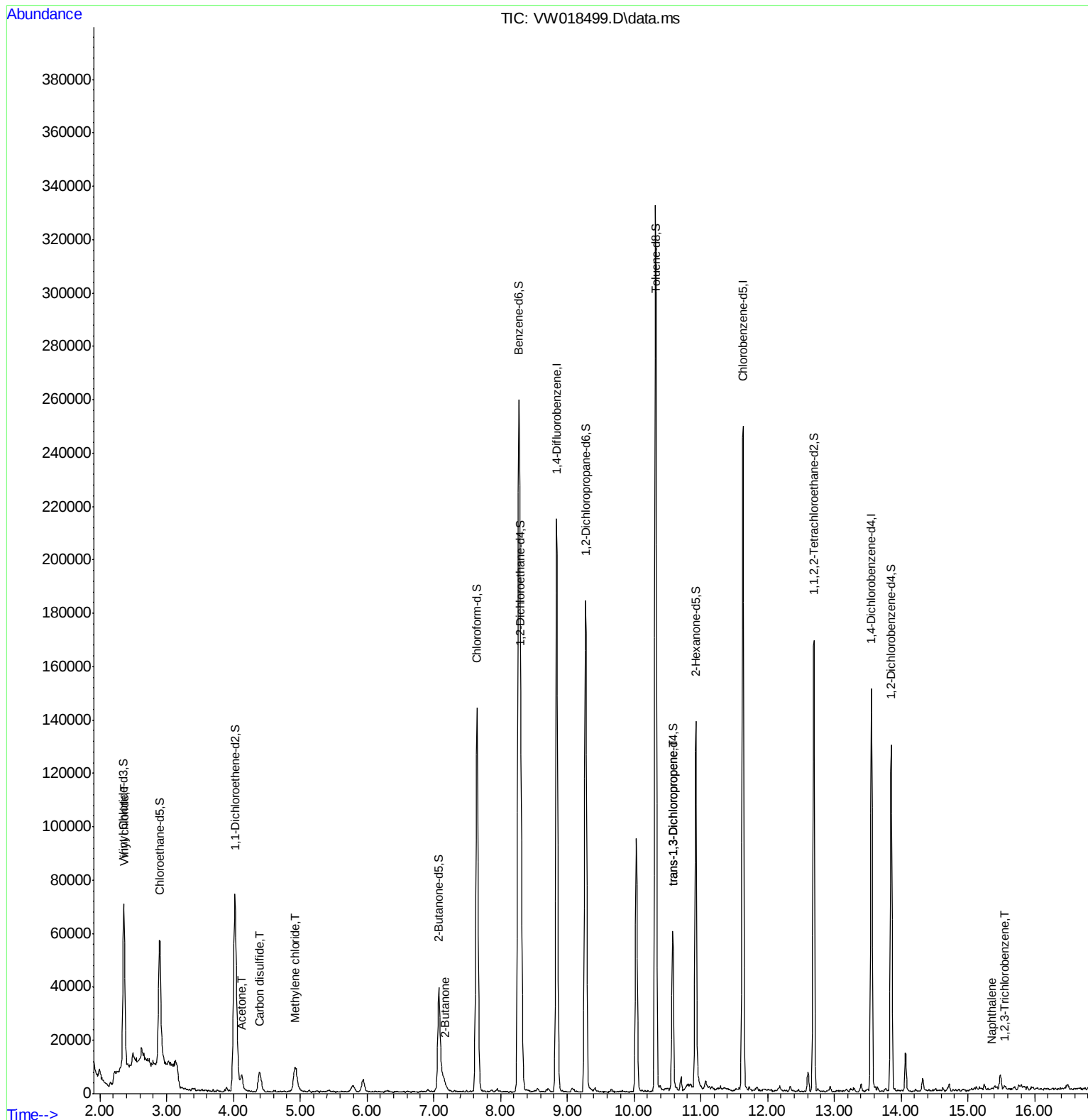
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	175981	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	132501	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	36735	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	71187	29.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.28%			
7) Chloroethane-d5	2.891	69	68448	31.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 127.72%			
10) 1,1-Dichloroethene-d2	4.025	63	80911	19.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.56%			
20) 2-Butanone-d5	7.080	46	63795	117.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 234.02%#			
24) Chloroform-d	7.646	84	142465	31.78	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 127.12%			
26) 1,2-Dichloroethane-d4	8.305	65	96172	36.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 147.04%#			
29) Benzene-d6	8.274	84	256038	36.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 145.40%#			
33) 1,2-Dichloropropane-d6	9.274	67	81638	40.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 160.72%#			
37) Toluene-d8	10.323	98	214524	31.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 126.52%			
38) trans-1,3-Dichloroprop...	10.579	79	32516	31.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 124.12%			
39) 2-Hexanone-d5	10.926	63	47348	119.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 238.14%#			
48) 1,1,2,2-Tetrachloroeth...	12.694	84	82152	45.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 180.80%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	31041	23.77	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.08%			
Target Compounds						
5) Vinyl chloride	2.361	62	4008	1.20	ug/L #	45
13) Acetone	4.123	43	9626	24.58	ug/L	98
14) Carbon disulfide	4.391	76	15872	2.39	ug/L	96
16) Methylene chloride	4.921	84	4624	1.60	ug/L	84
21) 2-Butanone	7.171	43	1619	2.60	ug/L	72
45) trans-1,3-Dichloropropene	10.579	75	1890	0.66	ug/L #	57
69) Naphthalene	15.359	128	899	0.30	ug/L	98
70) 1,2,3-Trichlorobenzene	15.548	180	404	0.32	ug/L #	72

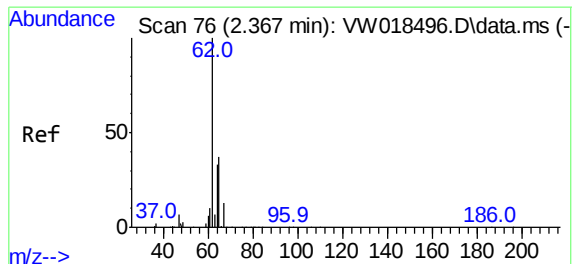
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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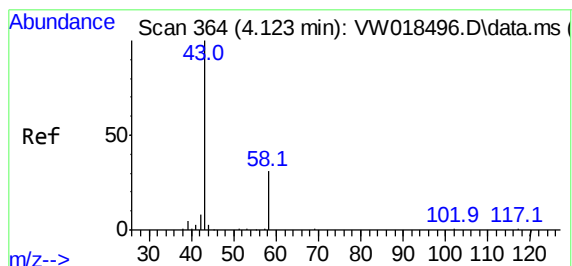
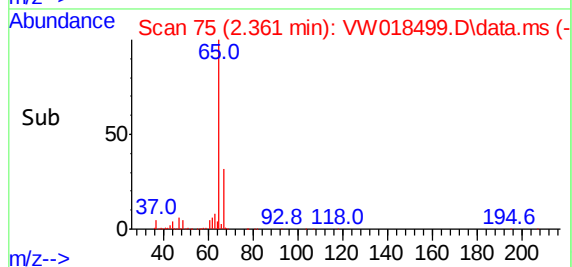
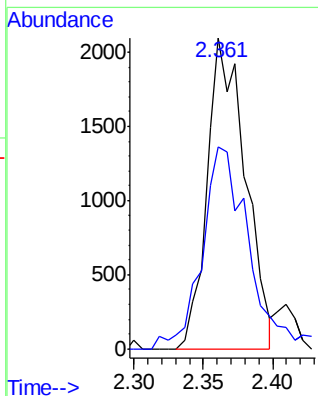
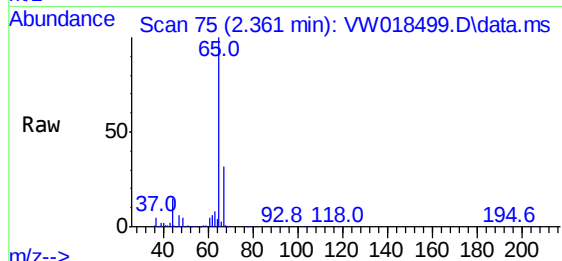




#5
 Vinyl chloride
 Concen: 1.20 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW018499.D
 Acq: 30 Mar 2021 11:18

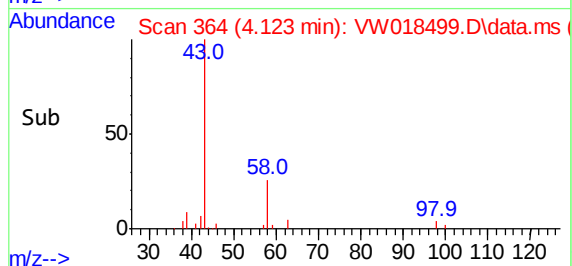
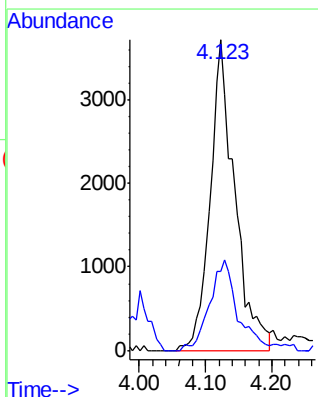
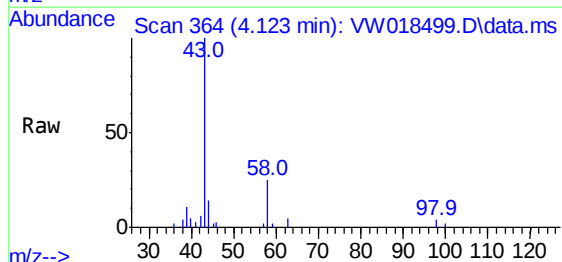
Instrument :
 MSVOA_W
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 BG3Q4RE

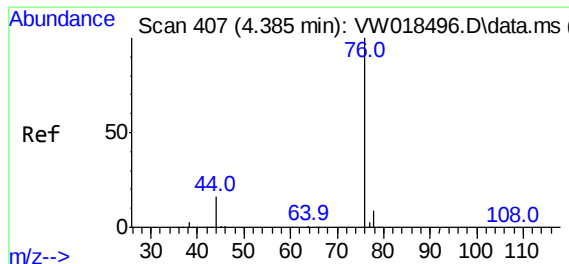
Tgt Ion: 62 Resp: 4008
 Ion Ratio Lower Upper
 62 100
 64 65.0 23.5 43.7#



#13
 Acetone
 Concen: 24.58 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.000 min
 Lab File: VW018499.D
 Acq: 30 Mar 2021 11:18

Tgt Ion: 43 Resp: 9626
 Ion Ratio Lower Upper
 43 100
 58 32.2 0.0 62.2

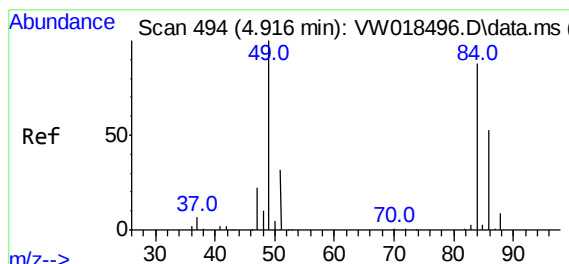
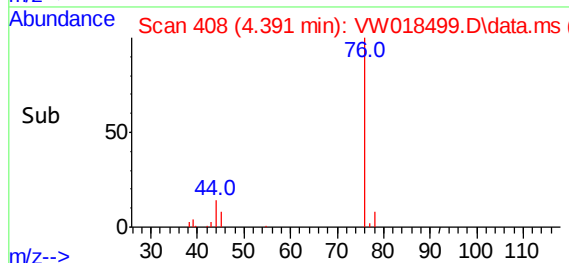
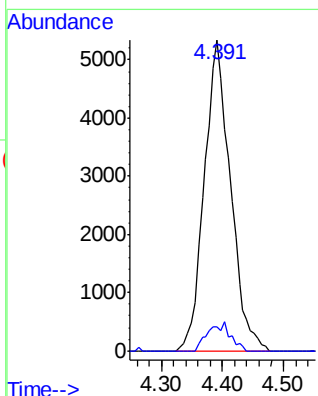
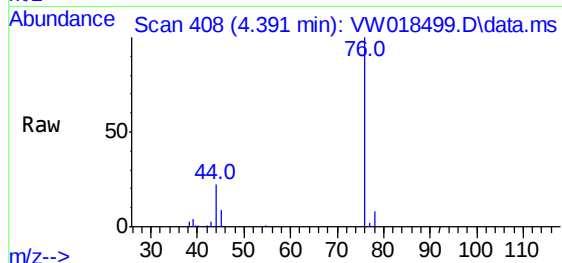




#14
Carbon disulfide
Concen: 2.39 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018499.D
Acq: 30 Mar 2021 11:18

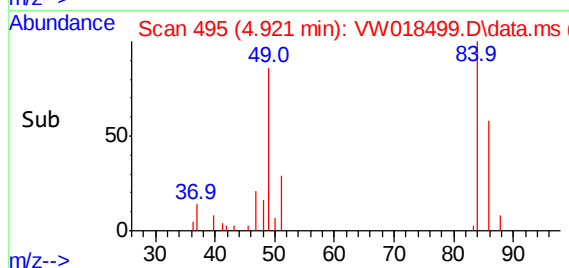
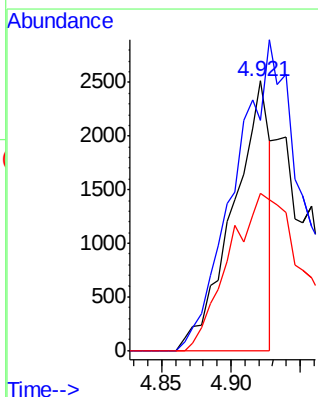
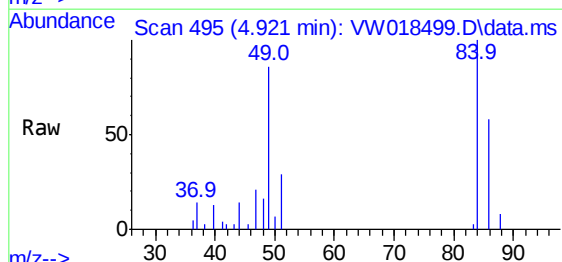
Instrument :
MSVOA_W
ClientSampleId :
BG3Q4RE

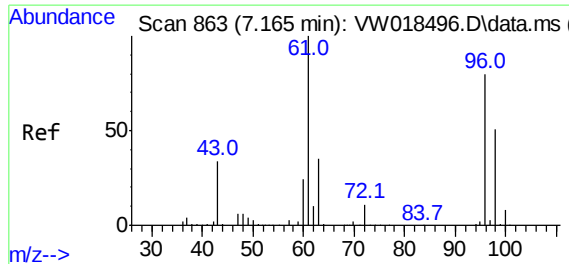
Tgt Ion: 76 Resp: 15872
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2



#16
Methylene chloride
Concen: 1.60 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018499.D
Acq: 30 Mar 2021 11:18

Tgt Ion: 84 Resp: 4624
Ion Ratio Lower Upper
84 100
49 85.6 74.4 138.2
86 58.4 46.1 85.7

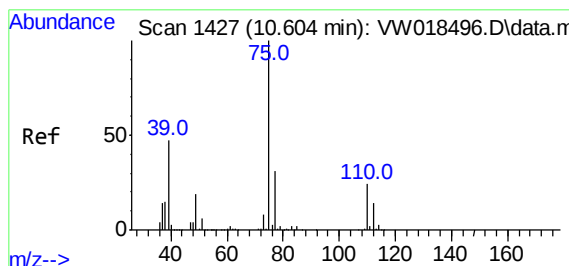
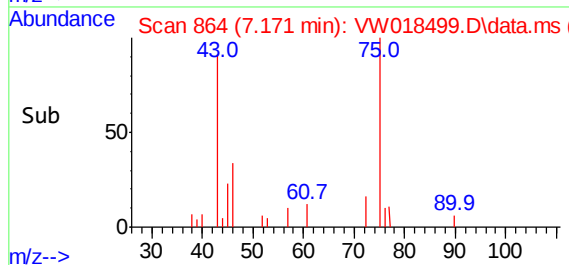
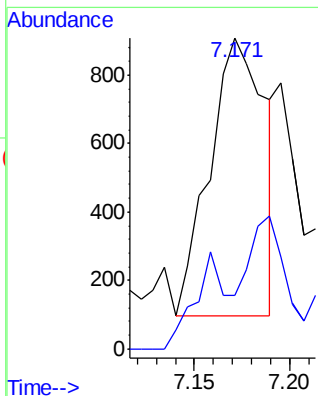
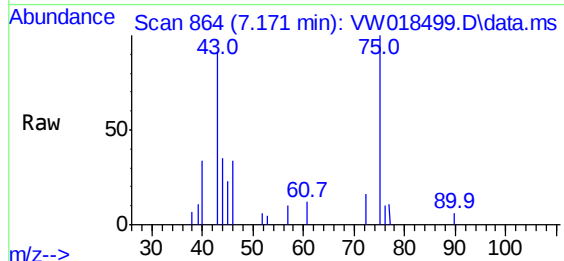




#21
2-Butanone
Concen: 2.60 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018499.D
Acq: 30 Mar 2021 11:18

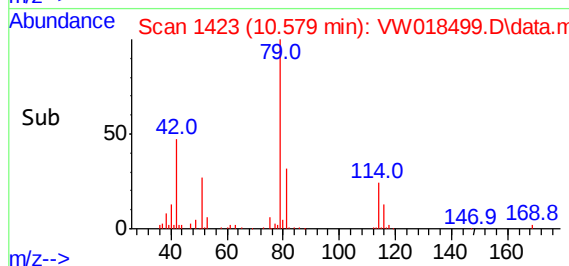
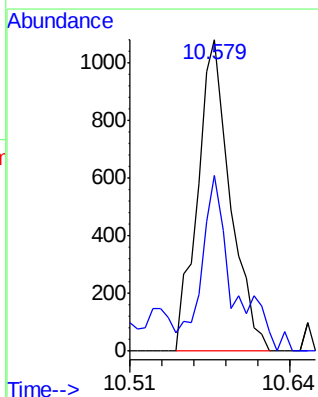
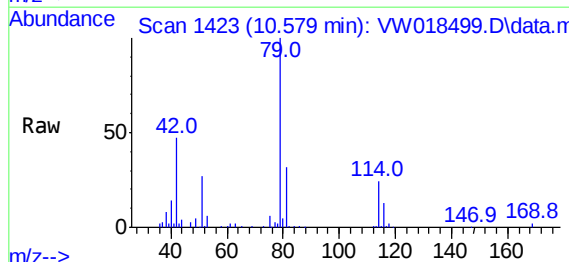
Instrument :
MSVOA_W
ClientSampled :
BG3Q4RE

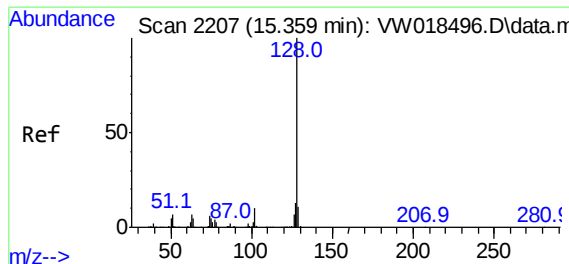
Tgt Ion: 43 Resp: 1619
Ion Ratio Lower Upper
43 100
72 17.0 16.5 49.5



#45
trans-1,3-Dichloropropene
Concen: 0.66 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018499.D
Acq: 30 Mar 2021 11:18

Tgt Ion: 75 Resp: 1890
Ion Ratio Lower Upper
75 100
77 56.5 22.6 42.0#

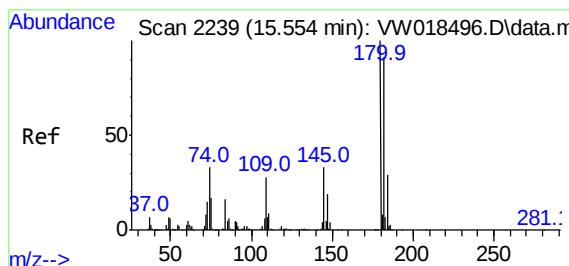
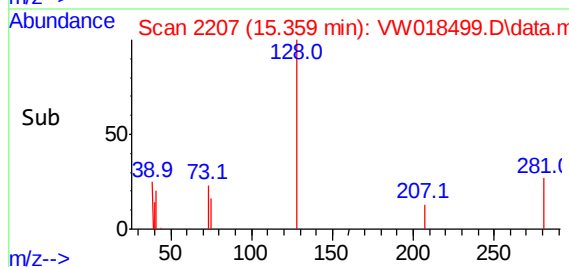
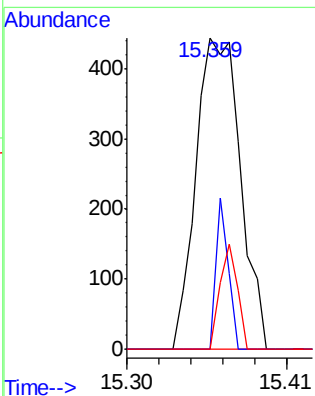
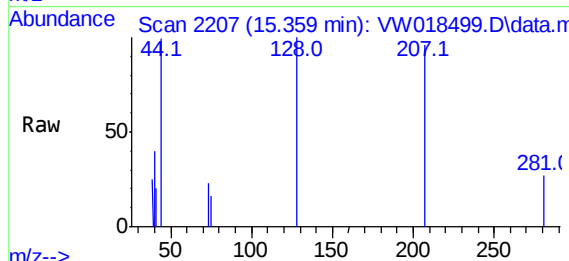




#69
Naphthalene
Concen: 0.30 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW018499.D
Acq: 30 Mar 2021 11:18

Instrument :
MSVOA_W
ClientSampleId :
BG3Q4RE

Tgt Ion:128 Resp: 899
Ion Ratio Lower Upper
128 100
129 13.1 9.1 13.7
127 13.3 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 0.32 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018499.D
Acq: 30 Mar 2021 11:18

Tgt Ion:180 Resp: 404
Ion Ratio Lower Upper
180 100
182 80.0 76.5 114.7
145 0.0 27.7 41.5#

