

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018492.D
 Acq On : 29 Mar 2021 17:42
 Operator : SY/VA
 Sample : M1816-14RE
 Misc : 5.85G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P7RE

Quant Time: Mar 30 03:15:17 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)

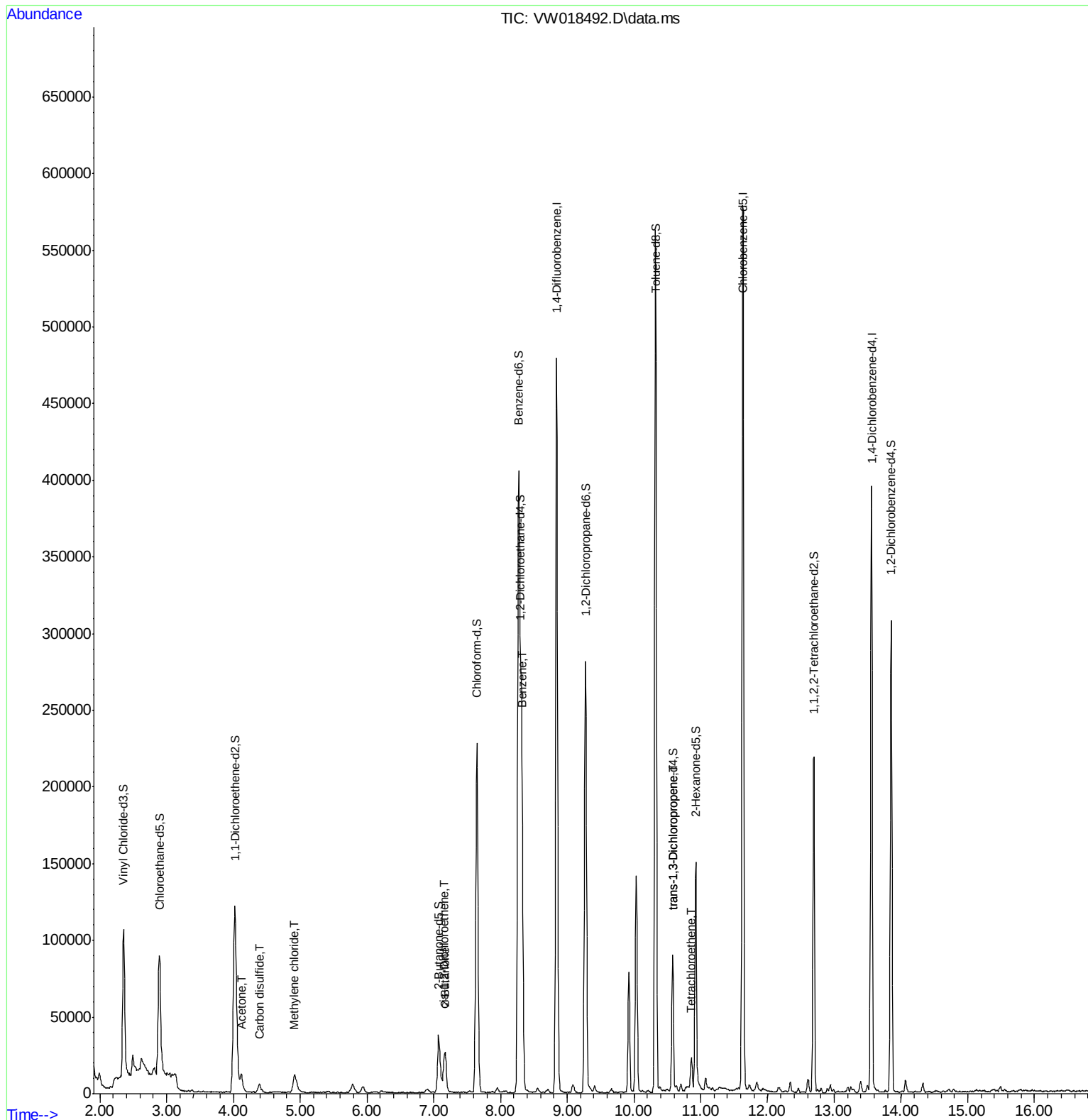
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	397009	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	313341	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	96858	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	124757	22.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.32%		
7) Chloroethane-d5	2.891	69	110555	22.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.44%		
10) 1,1-Dichloroethene-d2	4.019	63	140878	14.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.08%		
20) 2-Butanone-d5	7.074	46	62167	50.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.08%		
24) Chloroform-d	7.647	84	222013	21.96	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.84%		
26) 1,2-Dichloroethane-d4	8.305	65	135892	23.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.08%		
29) Benzene-d6	8.275	84	410084	24.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.48%		
33) 1,2-Dichloropropane-d6	9.274	67	123590	25.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.88%		
37) Toluene-d8	10.323	98	360642	22.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.96%		
38) trans-1,3-Dichloroprop...	10.579	79	47183	19.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.16%		
39) 2-Hexanone-d5	10.927	63	49493	52.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.26%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	106537	24.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	75718	21.99	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.96%		
Target Compounds						
13) Acetone	4.123	43	18301	20.71	ug/L	79
14) Carbon disulfide	4.391	76	10882	0.73	ug/L	99
16) Methylene chloride	4.915	84	10325	1.59	ug/L #	84
21) 2-Butanone	7.171	43	5418	3.86	ug/L	73
22) cis-1,2-Dichloroethene	7.159	96	6220	1.07	ug/L	90
34) Benzene	8.323	78	150603	8.30	ug/L	100
45) trans-1,3-Dichloropropene	10.579	75	2662	0.39	ug/L	89
47) Tetrachloroethene	10.859	164	4010	1.05	ug/L	92

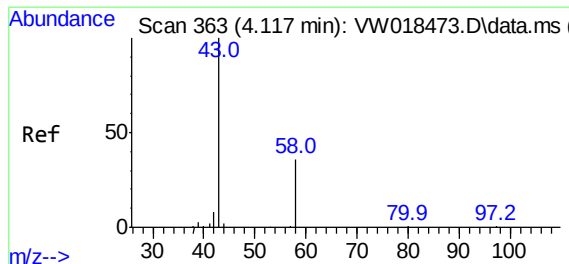
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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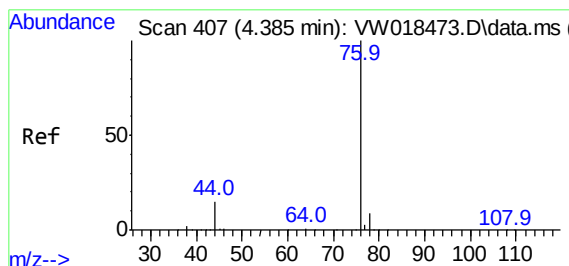
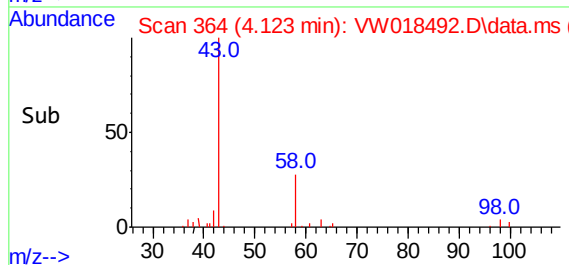
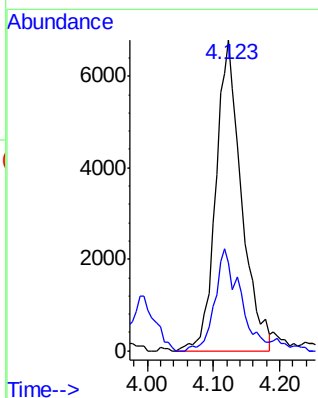
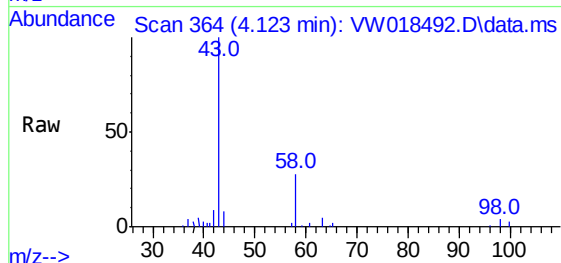




#13
Acetone
Concen: 20.71 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018492.D
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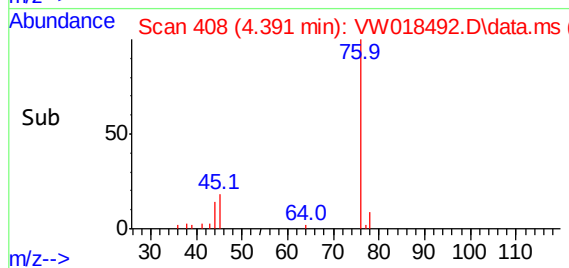
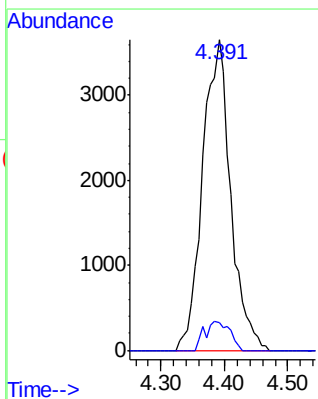
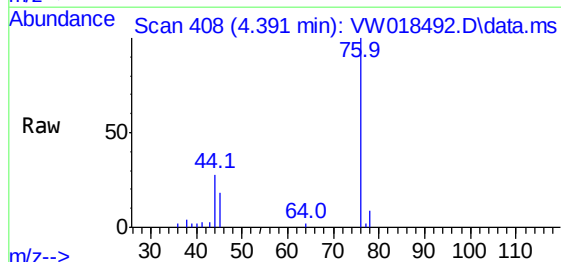
Instrument :
MSVOA_W
ClientSampleId :
BG3P7RE

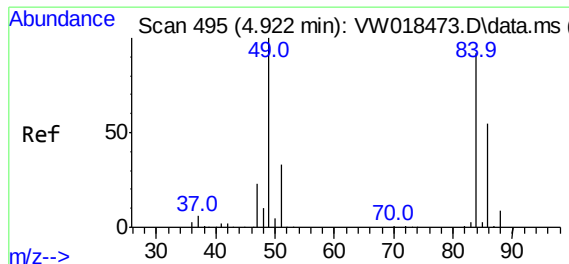
Tgt Ion: 43 Resp: 18301
Ion Ratio Lower Upper
43 100
58 19.7 0.0 62.2



#14
Carbon disulfide
Concen: 0.73 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018492.D
Acq: 29 Mar 2021 17:42

Tgt Ion: 76 Resp: 10882
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



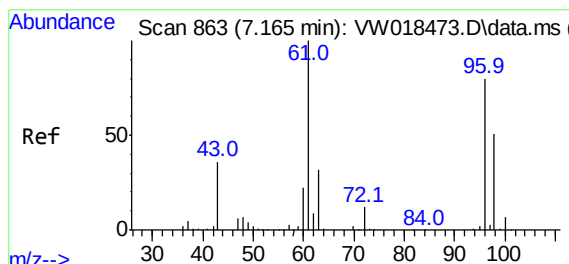
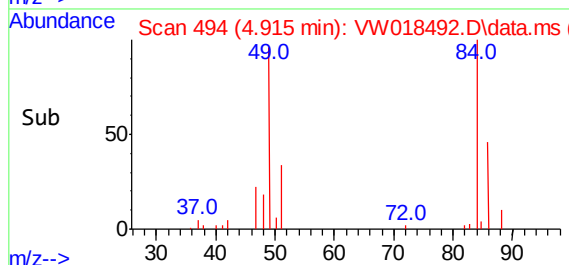
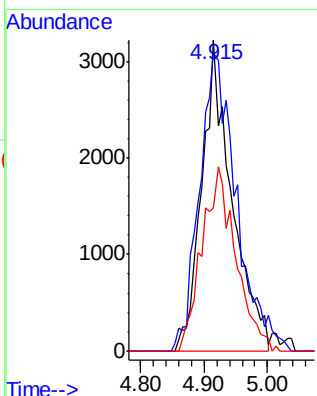
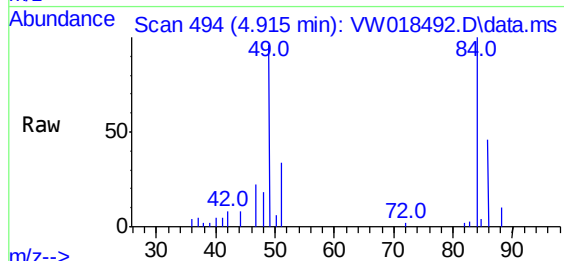


#16
Methylene chloride
Concen: 1.59 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018492.D
Acq: 29 Mar 2021 17:42

Instrument :
MSVOA_W
ClientSampleId :
BG3P7RE

Tgt Ion: 84 Resp: 10325

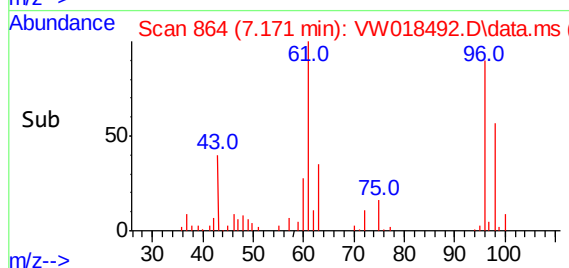
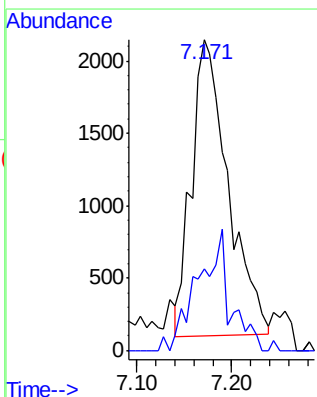
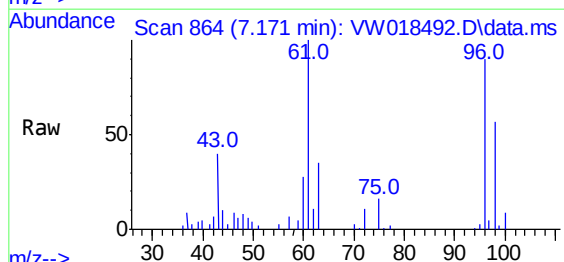
Ion	Ratio	Lower	Upper
84	100		
49	96.0	74.4	138.2
86	46.0	46.1	85.7#

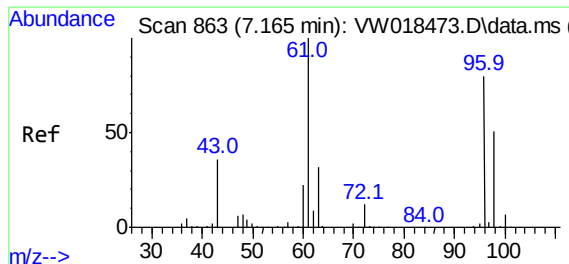


#21
2-Butanone
Concen: 3.86 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018492.D
Acq: 29 Mar 2021 17:42

Tgt Ion: 43 Resp: 5418

Ion	Ratio	Lower	Upper
43	100		
72	18.0	16.5	49.5

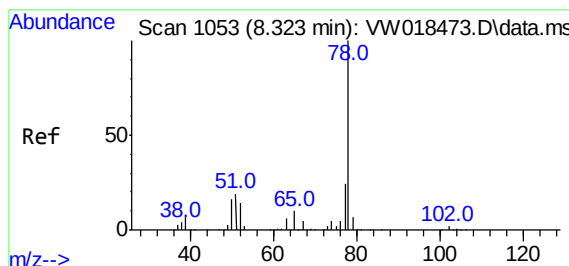
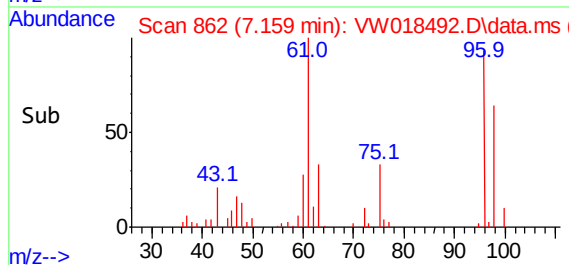
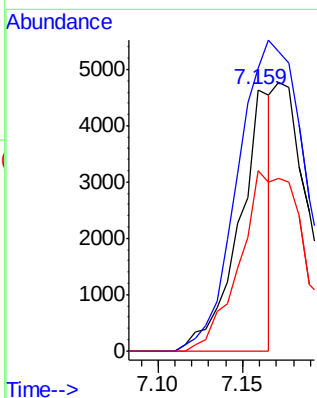
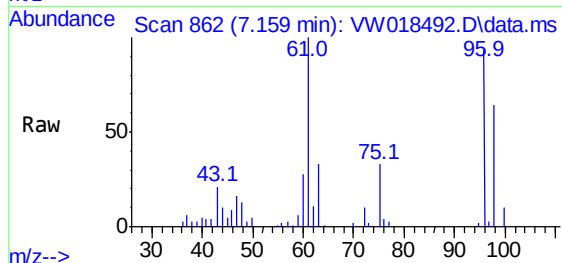




#22
cis-1,2-Dichloroethene
Concen: 1.07 ug/L
RT: 7.159 min Scan# 862
Delta R.T. -0.006 min
Lab File: VW018492.D
Acq: 29 Mar 2021 17:42

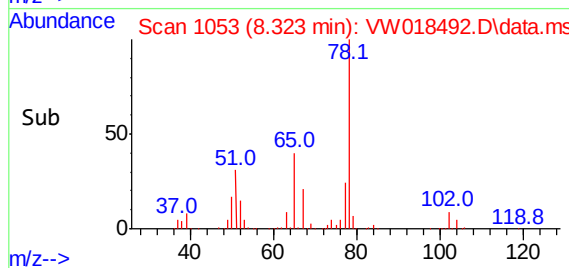
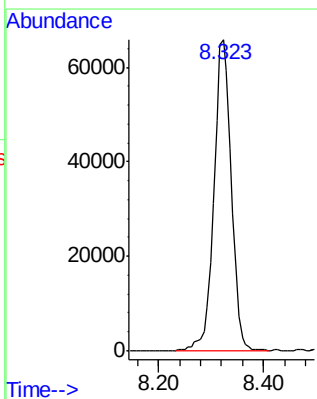
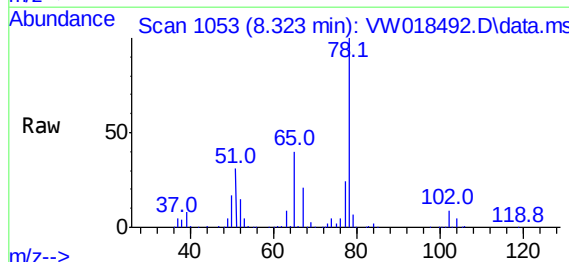
Instrument :
MSVOA_W
ClientSampleId :
BG3P7RE

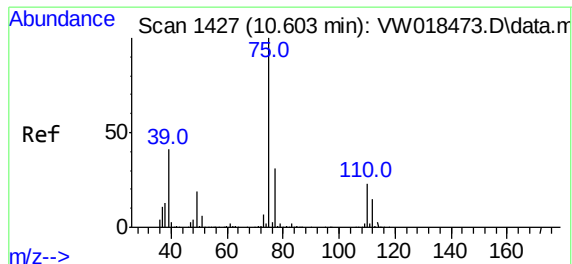
Tgt Ion: 96 Resp: 6220
Ion Ratio Lower Upper
96 100
61 108.0 84.8 157.6
98 68.7 45.1 83.9



#34
Benzene
Concen: 8.30 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018492.D
Acq: 29 Mar 2021 17:42

Tgt Ion: 78 Resp: 150603

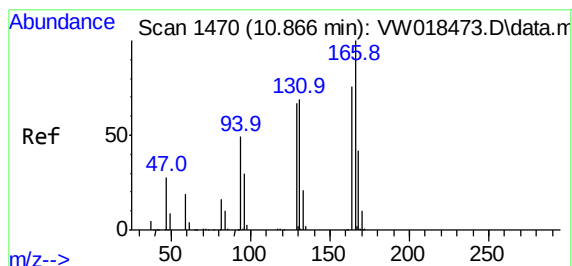
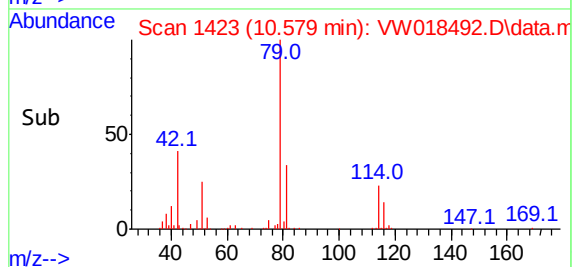
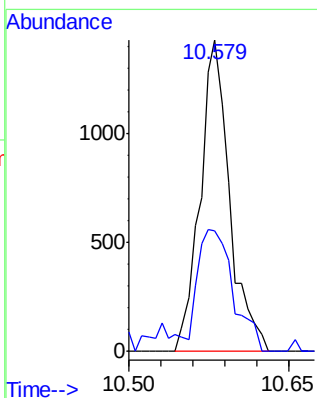
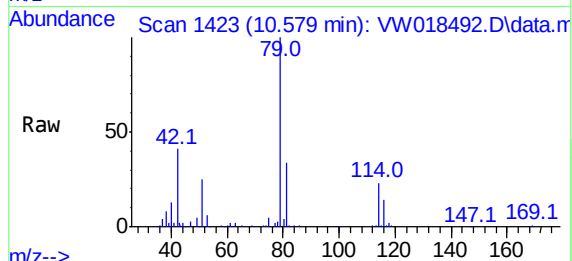




#45
trans-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018492.D
Acq: 29 Mar 2021 17:42

Instrument :
MSVOA_W
ClientSampleId :
BG3P7RE

Tgt Ion: 75 Resp: 2662
Ion Ratio Lower Upper
75 100
77 38.7 22.6 42.0



#47
Tetrachloroethene
Concen: 1.05 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018492.D
Acq: 29 Mar 2021 17:42

Tgt Ion: 164 Resp: 4010
Ion Ratio Lower Upper
164 100
129 98.3 68.8 127.8
131 76.6 68.3 126.8
166 129.9 95.4 177.2

