

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018404.D
 Acq On : 19 Mar 2021 22:27
 Operator : SY/VA
 Sample : M1698-17
 Misc : 5.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4L5

Quant Time: Mar 20 04:00:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

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

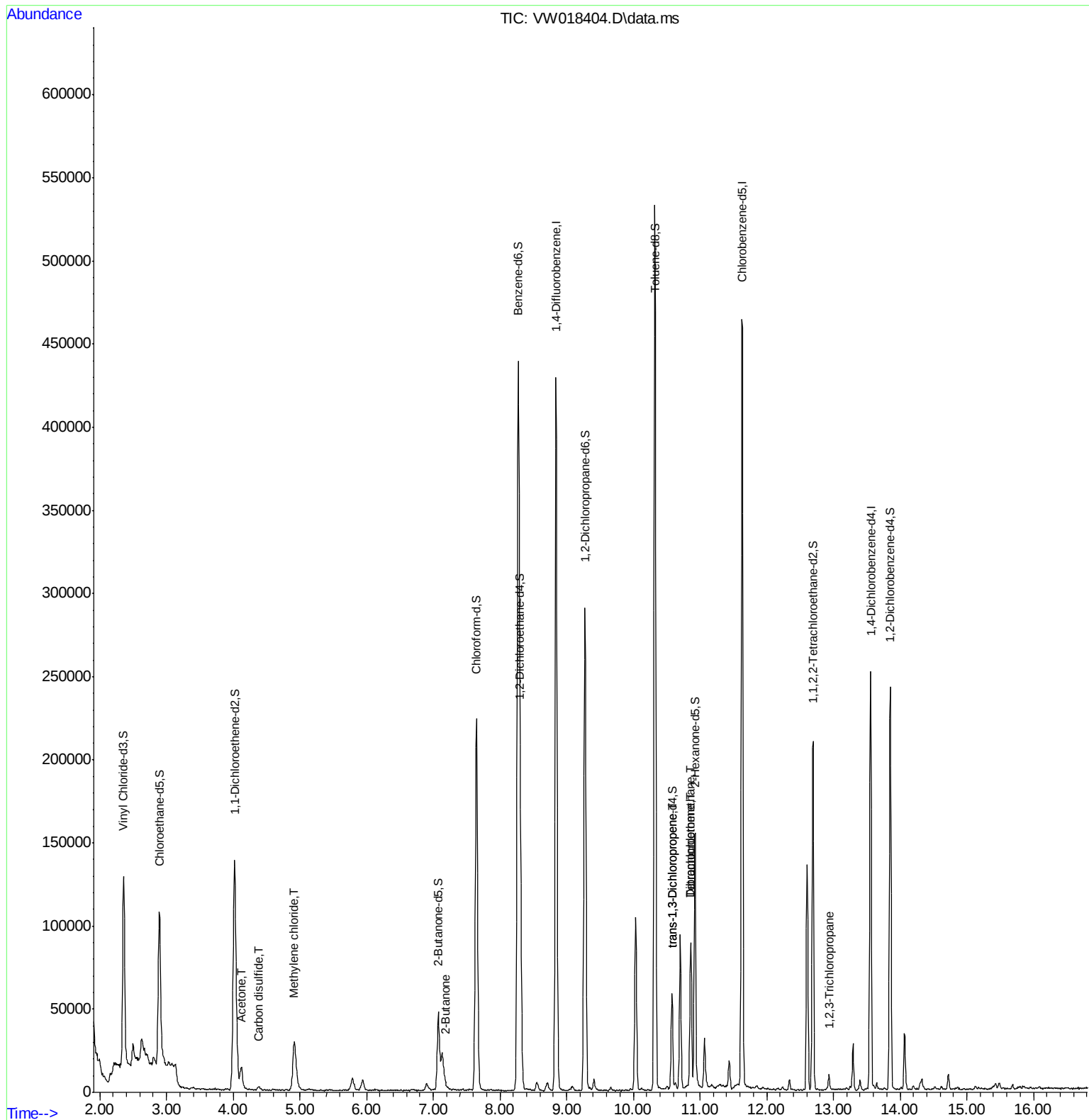
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	354939	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	248707	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	60867	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	143824	29.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.48%			
7) Chloroethane-d5	2.891	69	130093	30.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.36%			
10) 1,1-Dichloroethene-d2	4.019	63	153558	18.01	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.04%			
20) 2-Butanone-d5	7.080	46	74956	68.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 136.32%#			
24) Chloroform-d	7.647	84	222652	24.63	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.52%			
26) 1,2-Dichloroethane-d4	8.305	65	129979	24.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.52%			
29) Benzene-d6	8.274	84	427422	32.33	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 129.32%			
33) 1,2-Dichloropropane-d6	9.274	67	126937	33.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 133.12%#			
37) Toluene-d8	10.323	98	344266	27.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.16%			
38) trans-1,3-Dichloroprop...	10.579	79	30596	15.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 62.24%			
39) 2-Hexanone-d5	10.926	63	52968	70.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 141.94%#			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	97504	28.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.32%			
61) 1,2-Dichlorobenzene-d4	13.853	152	57331	26.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.96%			
Target Compounds						
13) Acetone	4.123	43	22963	29.07	ug/L	97
14) Carbon disulfide	4.385	76	3277	0.24	ug/L #	92
16) Methylene chloride	4.915	84	24679	4.24	ug/L	95
21) 2-Butanone	7.177	43	5435	4.33	ug/L	90
45) trans-1,3-Dichloropropene	10.579	75	1631	0.30	ug/L	88
47) Tetrachloroethene	10.859	164	18673	6.18	ug/L	95
50) Dibromochloromethane	10.859	129	18204	5.50	ug/L #	8
59) 1,2,3-Trichloropropane	12.932	75	668	0.26	ug/L #	61

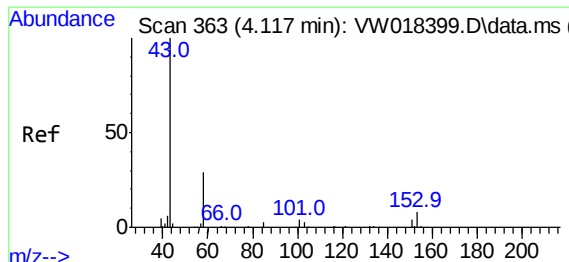
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 20 03:58:53 2021
Response via : Initial Calibration

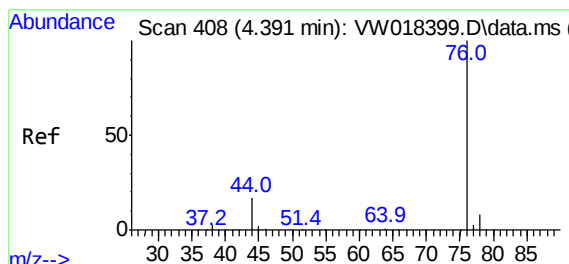
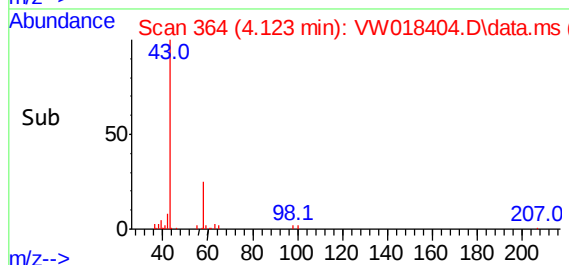
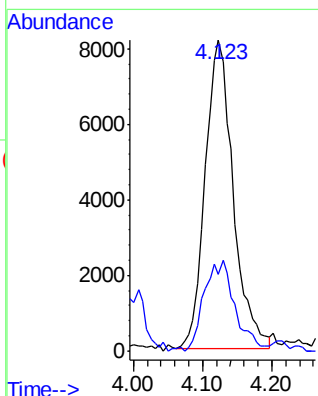
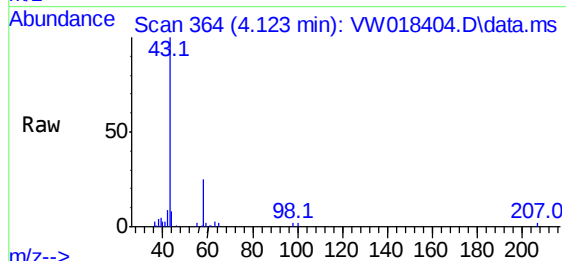




#13
Acetone
Concen: 29.07 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018404.D
Acq: 19 Mar 2021 22:27

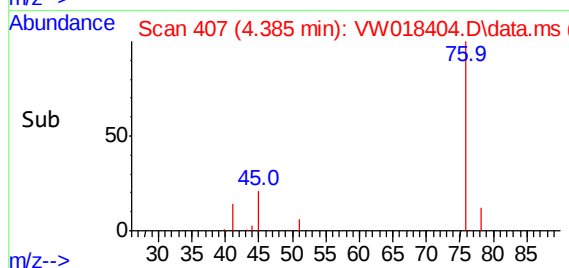
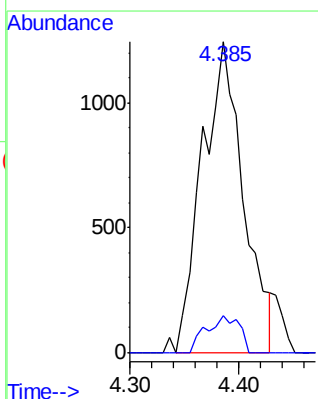
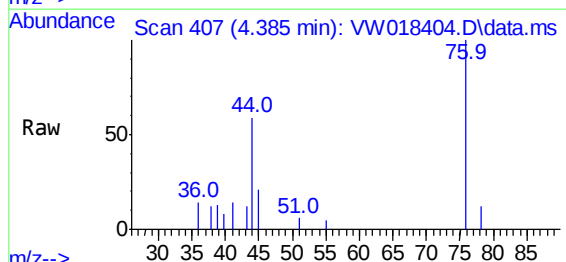
Instrument :
MSVOA_W
ClientSampled :
BG4L5

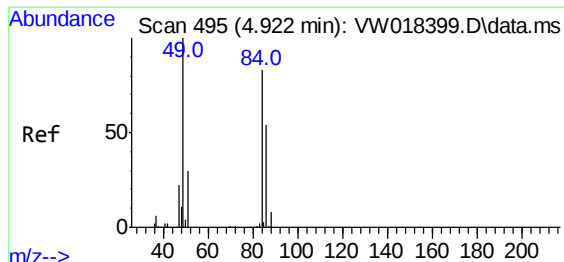
Tgt Ion: 43 Resp: 22963
Ion Ratio Lower Upper
43 100
58 29.6 0.0 62.2



#14
Carbon disulfide
Concen: 0.24 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018404.D
Acq: 19 Mar 2021 22:27

Tgt Ion: 76 Resp: 3277
Ion Ratio Lower Upper
76 100
78 12.1 7.4 11.2#



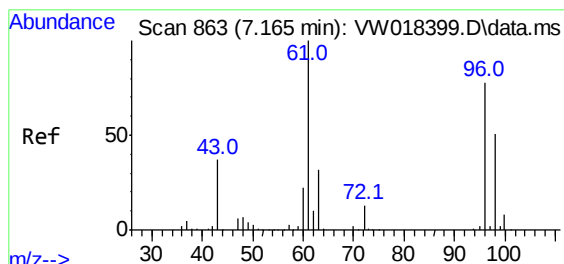
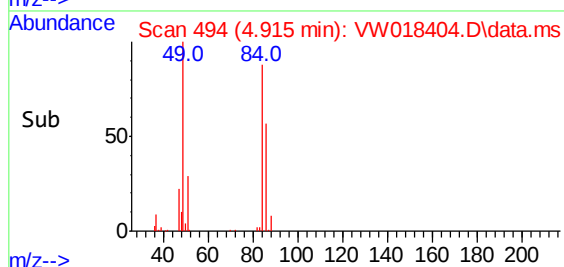
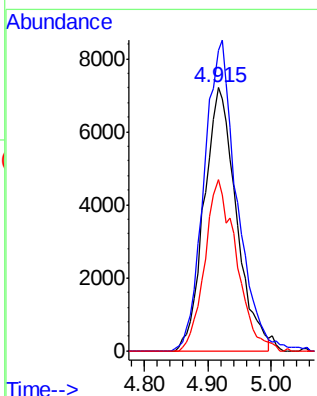
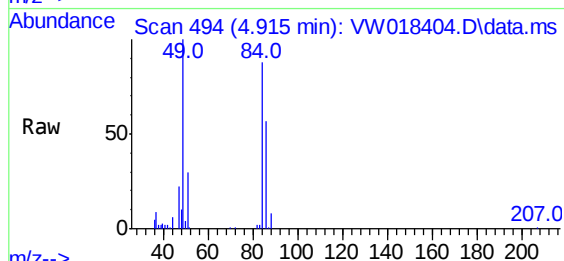


#16
Methylene chloride
Concen: 4.24 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018404.D
Acq: 19 Mar 2021 22:27

Instrument :
MSVOA_W
ClientSampled :
BG4L5

Tgt Ion: 84 Resp: 24679

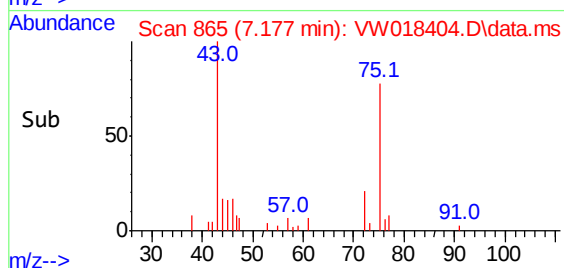
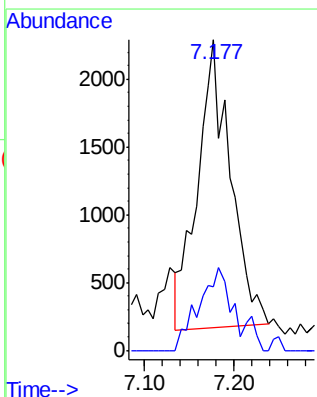
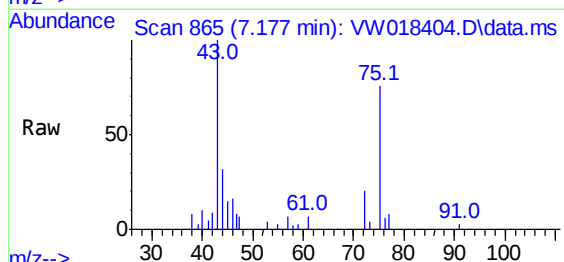
Ion	Ratio	Lower	Upper
84	100		
49	114.1	74.4	138.2
86	65.1	46.1	85.7

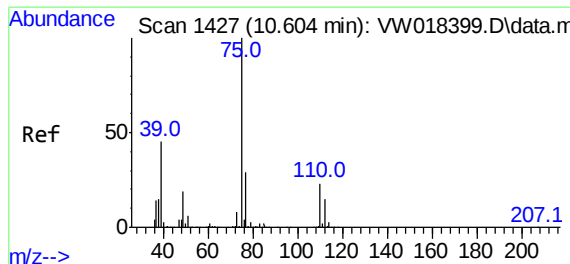


#21
2-Butanone
Concen: 4.33 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018404.D
Acq: 19 Mar 2021 22:27

Tgt Ion: 43 Resp: 5435

Ion	Ratio	Lower	Upper
43	100		
72	27.5	16.5	49.5

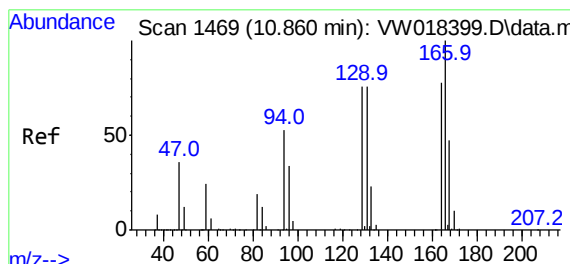
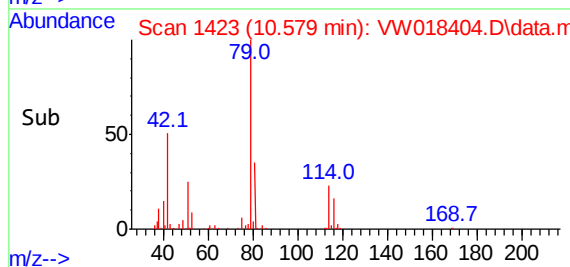
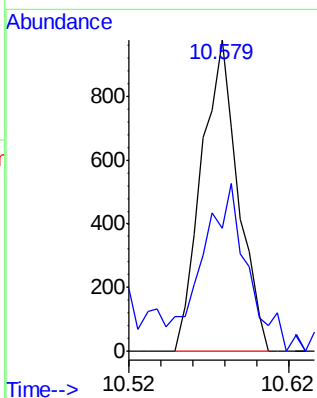
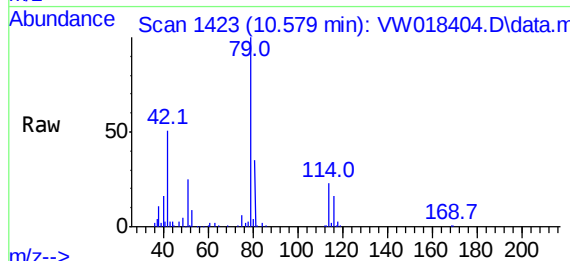




#45
trans-1,3-Dichloropropene
Concen: 0.30 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018404.D
Acq: 19 Mar 2021 22:27

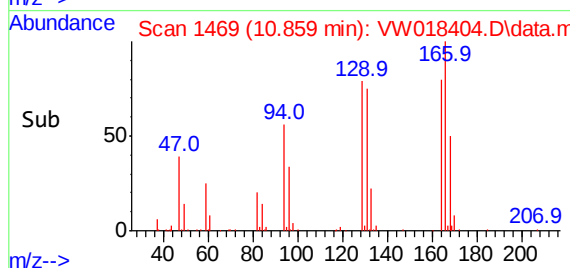
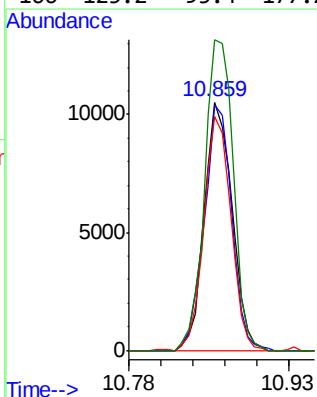
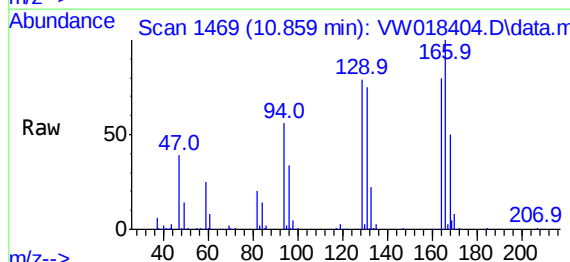
Instrument :
MSVOA_W
ClientSampled :
BG4L5

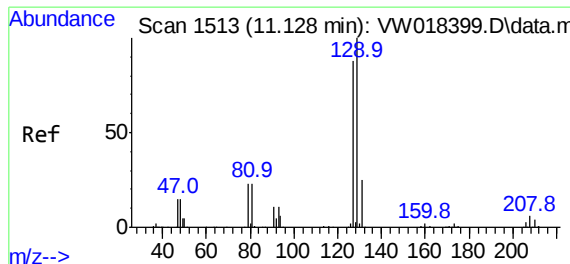
Tgt Ion: 75 Resp: 1631
Ion Ratio Lower Upper
75 100
77 39.3 22.6 42.0



#47
Tetrachloroethene
Concen: 6.18 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018404.D
Acq: 19 Mar 2021 22:27

Tgt Ion: 164 Resp: 18673
Ion Ratio Lower Upper
164 100
129 98.7 68.8 127.8
131 94.3 68.3 126.8
166 125.2 95.4 177.2

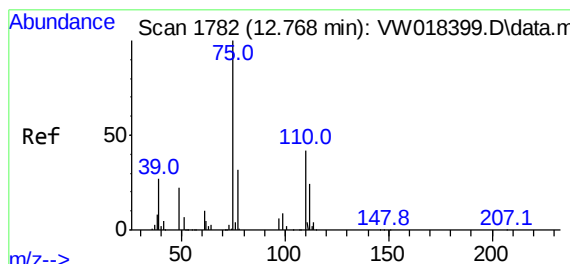
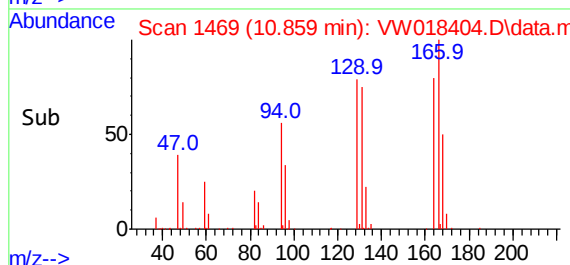
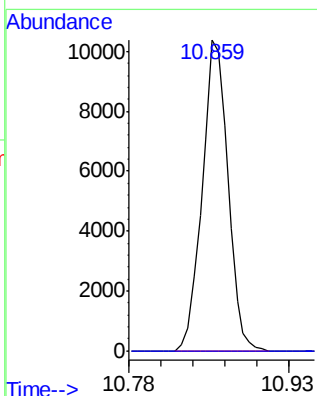
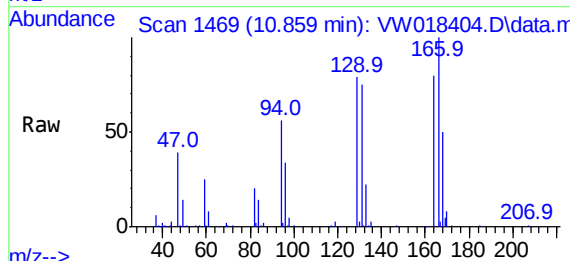




#50
 Dibromochloromethane
 Concen: 5.50 ug/L
 RT: 10.859 min Scan# 1469
 Delta R.T. -0.268 min
 Lab File: VW018404.D
 Acq: 19 Mar 2021 22:27

Instrument :
 MSVOA_W
 ClientSampled :
 BG4L5

Tgt Ion: 129 Resp: 18204
 Ion Ratio Lower Upper
 129 100
 127 0.0 58.0 107.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.26 ug/L
 RT: 12.932 min Scan# 1809
 Delta R.T. 0.164 min
 Lab File: VW018404.D
 Acq: 19 Mar 2021 22:27

Tgt Ion: 75 Resp: 668
 Ion Ratio Lower Upper
 75 100
 77 10.0 25.6 38.4#

