

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018408.D
 Acq On : 20 Mar 2021 00:03
 Operator : SY/VA
 Sample : M1685-09RE
 Misc : 4.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG495RE

Quant Time: Mar 20 04:02:11 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)

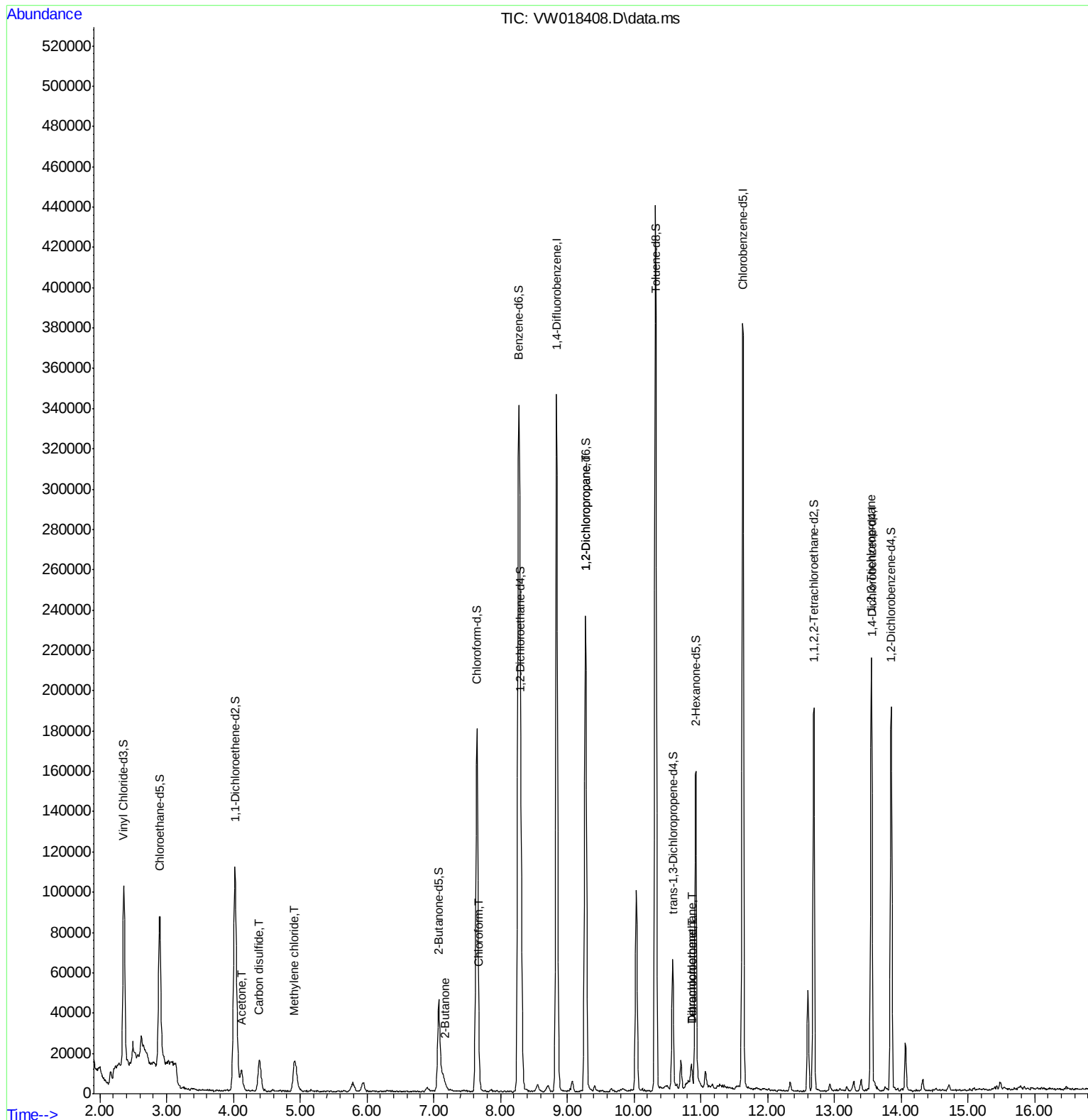
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	283117	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	205953	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	52855	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112465	28.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.20%			
7) Chloroethane-d5	2.891	69	101282	29.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 117.48%			
10) 1,1-Dichloroethene-d2	4.025	63	123469	18.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.60%			
20) 2-Butanone-d5	7.080	46	72866	83.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 166.14%#			
24) Chloroform-d	7.647	84	180246	25.00	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	8.305	65	114301	27.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.60%			
29) Benzene-d6	8.275	84	349488	31.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 127.68%			
33) 1,2-Dichloropropane-d6	9.274	67	100860	31.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 127.76%#			
37) Toluene-d8	10.323	98	284425	26.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.92%			
38) trans-1,3-Dichloroprop...	10.579	79	33382	20.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.00%			
39) 2-Hexanone-d5	10.927	63	54853	88.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 177.50%#			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	91389	32.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 129.40%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	45647	24.29	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.16%			
Target Compounds						
13) Acetone	4.123	43	16912	26.84	ug/L	94
14) Carbon disulfide	4.385	76	30886	2.89	ug/L	96
16) Methylene chloride	4.915	84	7256	1.56	ug/L	90
21) 2-Butanone	7.171	43	1763	1.76	ug/L	93
25) Chloroform	7.677	83	1705	0.24	ug/L #	17
40) 1,2-Dichloropropane	9.274	63	12898	4.42	ug/L #	84
47) Tetrachloroethene	10.866	164	1762	0.70	ug/L	89
50) Dibromochloromethane	10.866	129	1788	0.65	ug/L #	8
59) 1,2,3-Trichloropropane	13.554	75	7240	3.41	ug/L	89

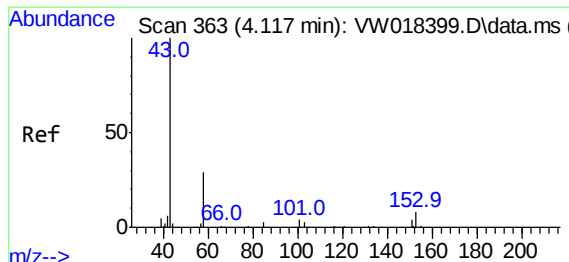
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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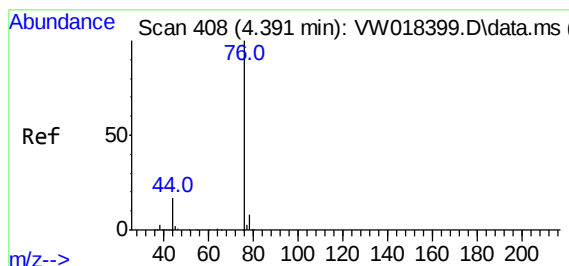
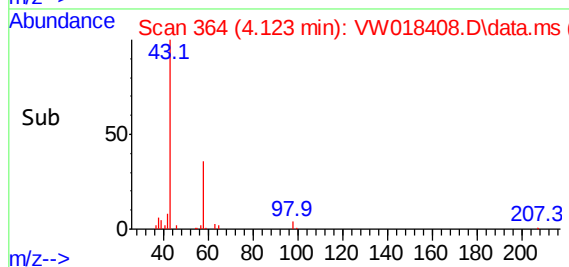
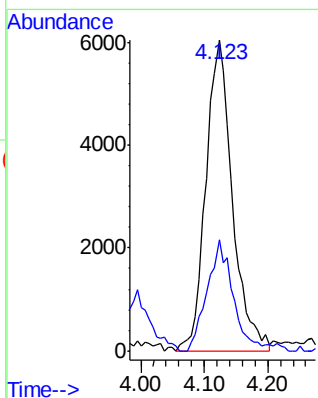
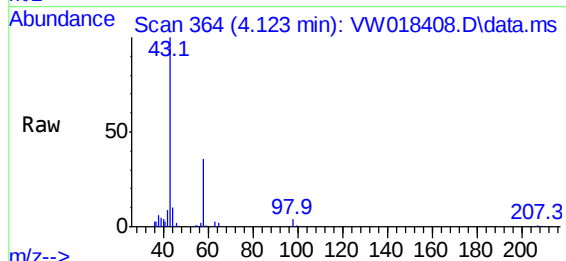




#13
Acetone
Concen: 26.84 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018408.D
Acq: 20 Mar 2021 00:03

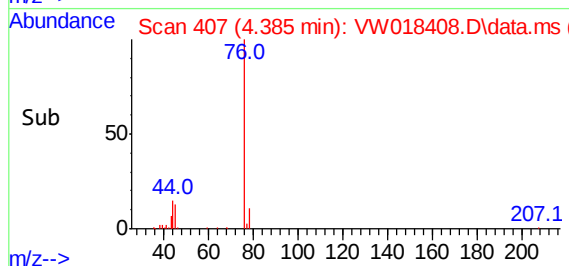
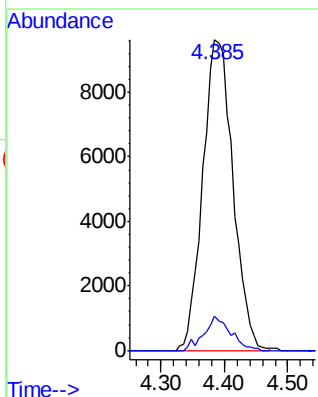
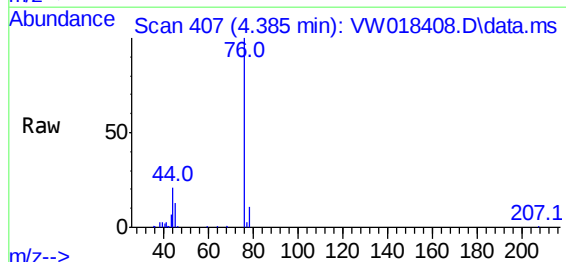
Instrument :
MSVOA_W
ClientSampleId :
BG495RE

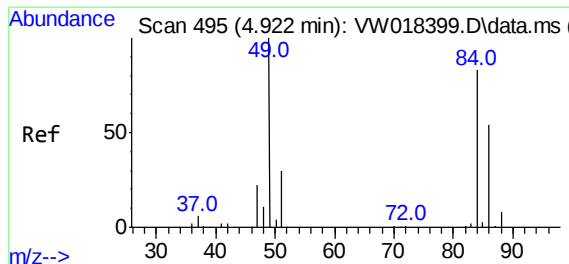
Tgt Ion: 43 Resp: 16912
Ion Ratio Lower Upper
43 100
58 34.5 0.0 62.2



#14
Carbon disulfide
Concen: 2.89 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018408.D
Acq: 20 Mar 2021 00:03

Tgt Ion: 76 Resp: 30886
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.2



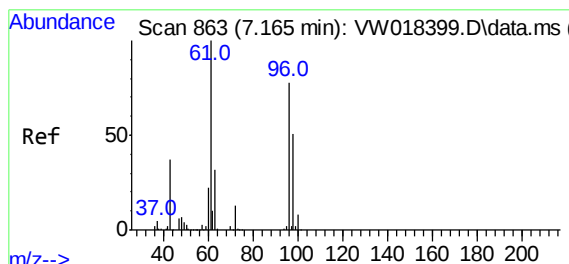
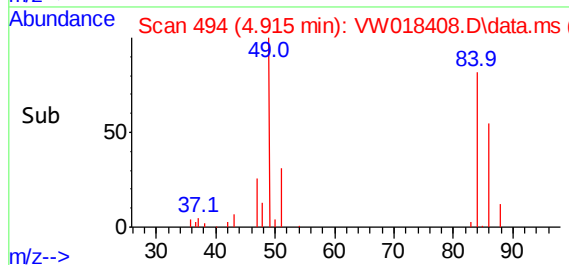
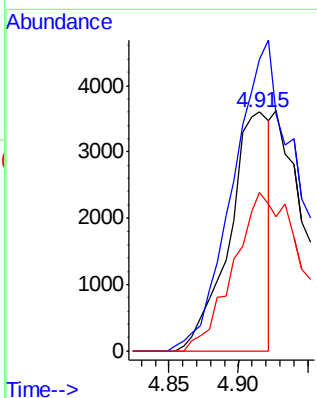
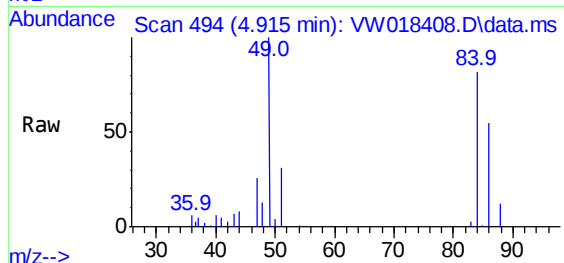


#16
Methylene chloride
Concen: 1.56 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018408.D
Acq: 20 Mar 2021 00:03

Instrument :
MSVOA_W
ClientSampled :
BG495RE

Tgt Ion: 84 Resp: 7256

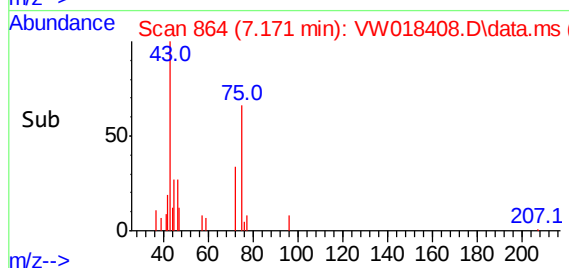
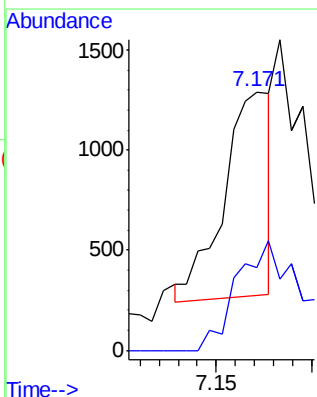
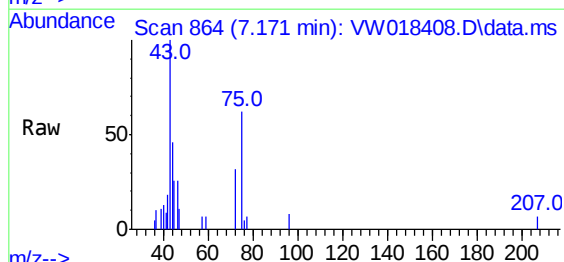
Ion	Ratio	Lower	Upper
84	100		
49	122.1	74.4	138.2
86	66.6	46.1	85.7

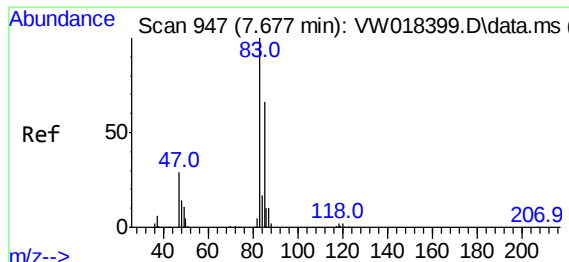


#21
2-Butanone
Concen: 1.76 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018408.D
Acq: 20 Mar 2021 00:03

Tgt Ion: 43 Resp: 1763

Ion	Ratio	Lower	Upper
43	100		
72	28.8	16.5	49.5

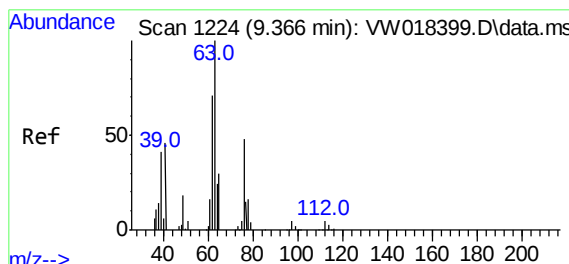
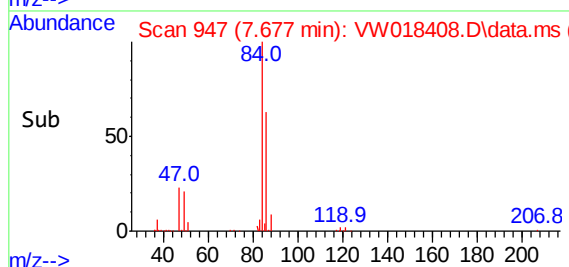
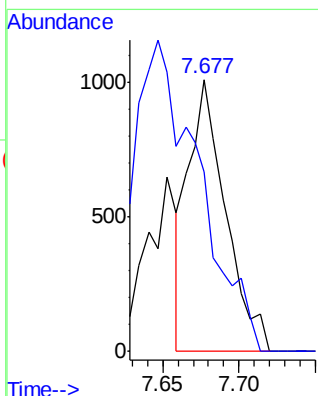
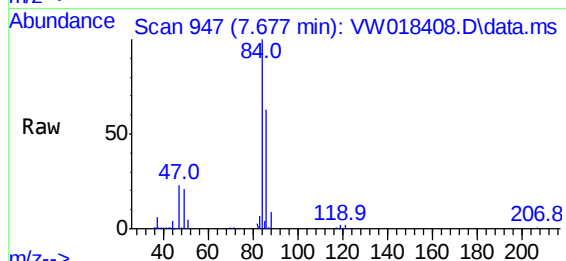




#25
Chloroform
Concen: 0.24 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018408.D
Acq: 20 Mar 2021 00:03

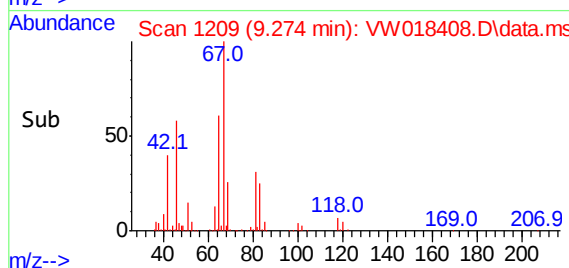
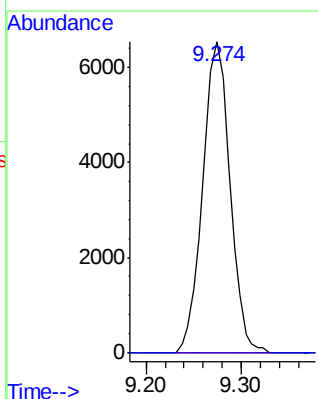
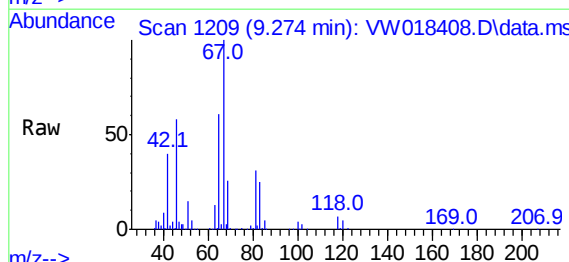
Instrument :
MSVOA_W
ClientSampleId :
BG495RE

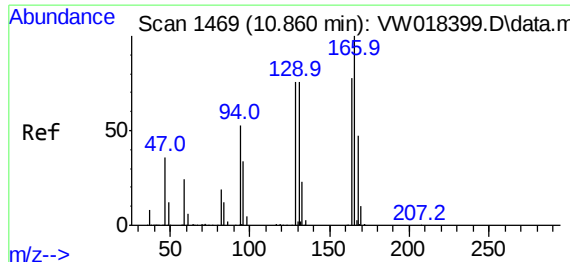
Tgt Ion: 83 Resp: 1705
Ion Ratio Lower Upper
83 100
85 0.0 46.4 86.2#



#40
1,2-Dichloropropane
Concen: 4.42 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018408.D
Acq: 20 Mar 2021 00:03

Tgt Ion: 63 Resp: 12898
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#47

Tetrachloroethene

Concen: 0.70 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW018408.D

Acq: 20 Mar 2021 00:03

Instrument :

MSVOA_W

ClientSampleId :

BG495RE

Tgt Ion:164 Resp: 1762

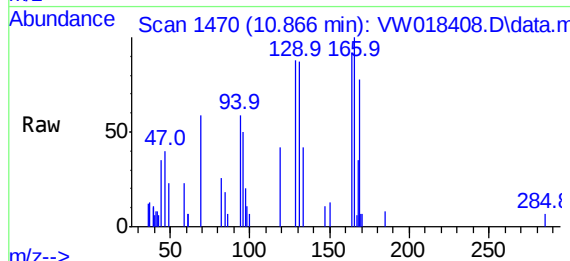
Ion Ratio Lower Upper

164 100

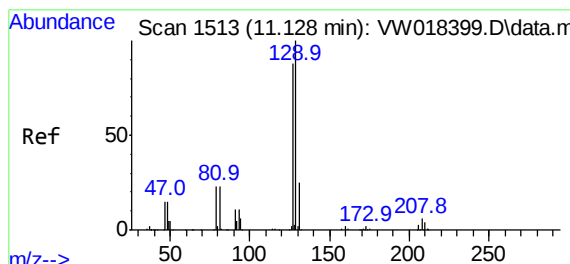
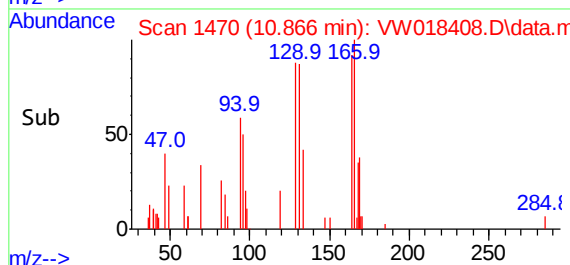
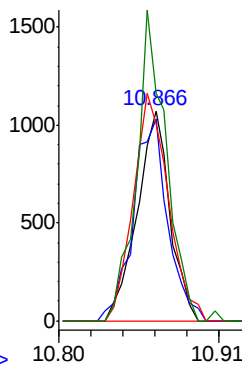
129 95.9 68.8 127.8

131 93.9 68.3 126.8

166 108.4 95.4 177.2



Abundance



#50

Dibromochloromethane

Concen: 0.65 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. -0.262 min

Lab File: VW018408.D

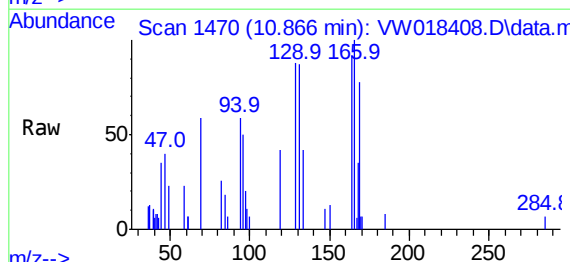
Acq: 20 Mar 2021 00:03

Tgt Ion:129 Resp: 1788

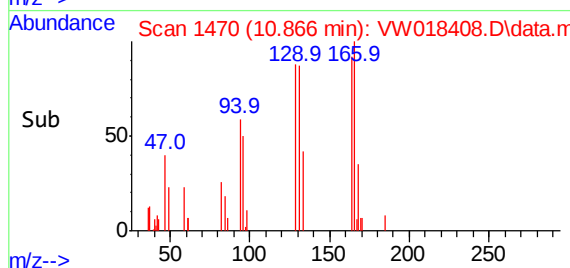
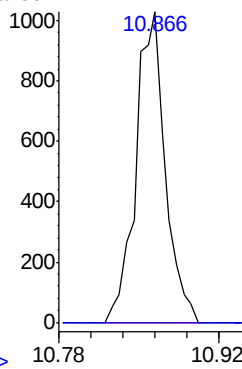
Ion Ratio Lower Upper

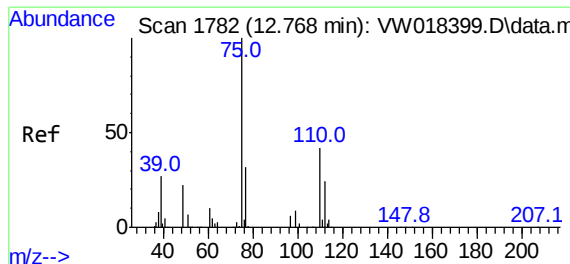
129 100

127 0.0 58.0 107.6#



Abundance





#59
 1,2,3-Trichloropropane
 Concen: 3.41 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018408.D
 Acq: 20 Mar 2021 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 BG495RE

Tgt Ion: 75 Resp: 7240
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.6 38.4

