

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018483.D
 Acq On : 29 Mar 2021 14:05
 Operator : SY/VA
 Sample : M1816-14
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P7

Quant Time: Mar 30 03:12:56 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)

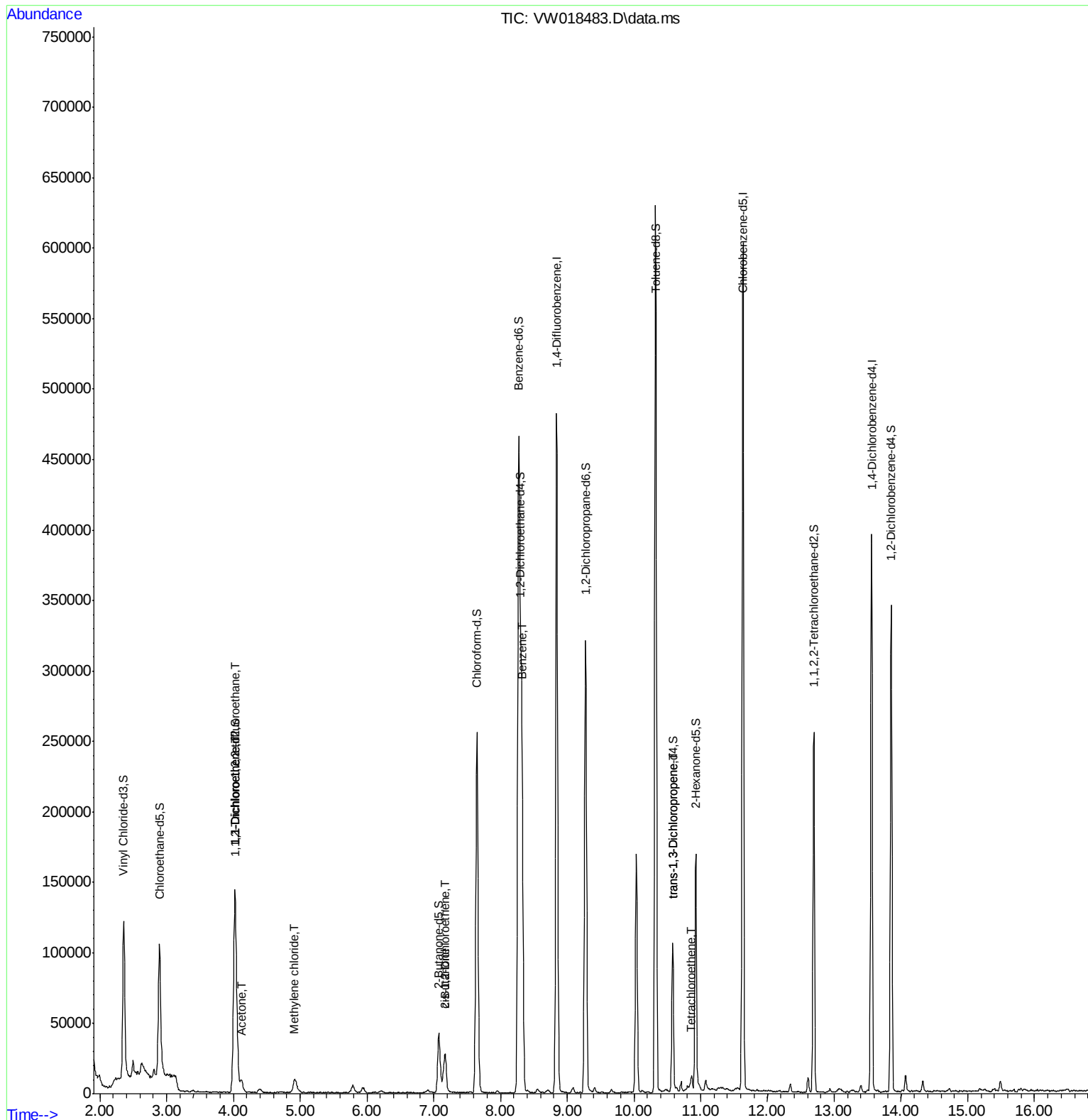
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	399411	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	319273	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	98651	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	142746	25.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.72%			
7) Chloroethane-d5	2.891	69	126610	26.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.08%			
10) 1,1-Dichloroethene-d2	4.019	63	165917	17.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.16%			
20) 2-Butanone-d5	7.074	46	69862	56.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.92%			
24) Chloroform-d	7.647	84	253135	24.88	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.52%			
26) 1,2-Dichloroethane-d4	8.305	65	155256	26.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.56%			
29) Benzene-d6	8.275	84	475002	27.99	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.96%			
33) 1,2-Dichloropropane-d6	9.274	67	140355	28.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.68%			
37) Toluene-d8	10.323	98	406847	24.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.56%			
38) trans-1,3-Dichloroprop...	10.579	79	56950	22.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.20%			
39) 2-Hexanone-d5	10.927	63	57372	59.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.76%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	120447	27.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.00%			
61) 1,2-Dichlorobenzene-d4	13.853	152	81746	23.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.24%			
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.031	101	1326	0.27	ug/L #	20
12) 1,1-Dichloroethene	4.025	96	2034	0.41	ug/L #	1
13) Acetone	4.123	43	12421	13.97	ug/L	92
16) Methylene chloride	4.915	84	8867	1.35	ug/L	94
21) 2-Butanone	7.171	43	4210	2.98	ug/L	82
22) cis-1,2-Dichloroethene	7.171	96	13905	2.39	ug/L	89
34) Benzene	8.323	78	171082	9.25	ug/L	100
45) trans-1,3-Dichloropropene	10.579	75	3346	0.49	ug/L	92
47) Tetrachloroethene	10.860	164	1943	0.50	ug/L	92

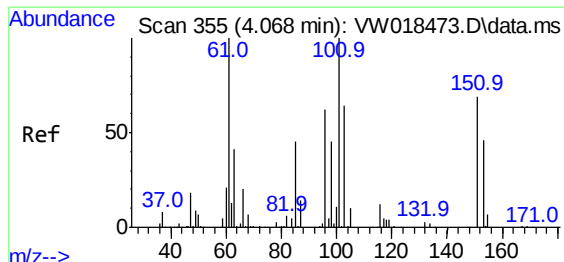
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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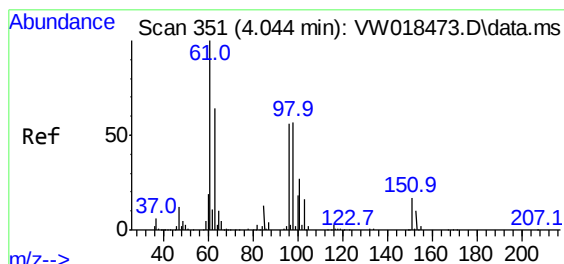
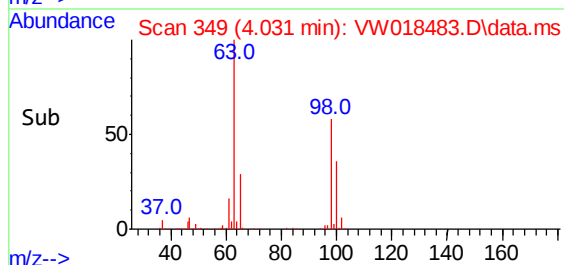
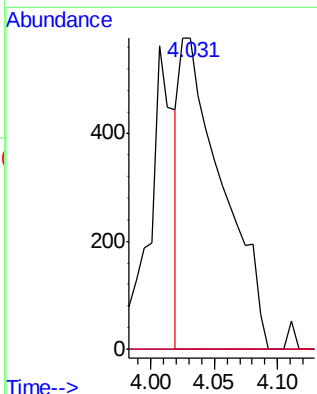
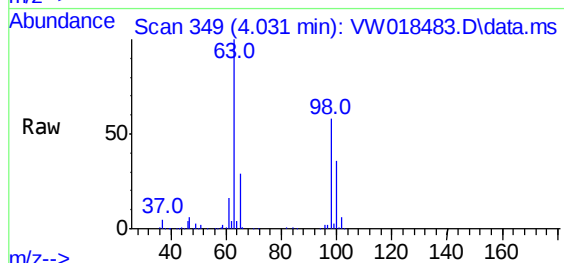




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.27 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.037 min
 Lab File: VW018483.D
 Acq: 29 Mar 2021 14:05

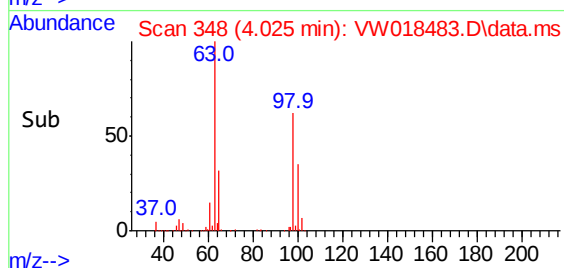
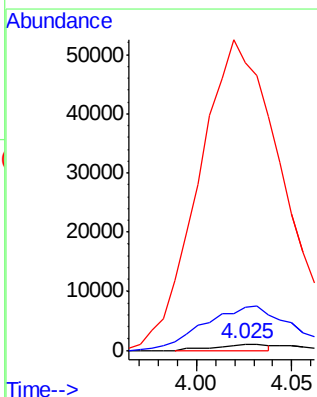
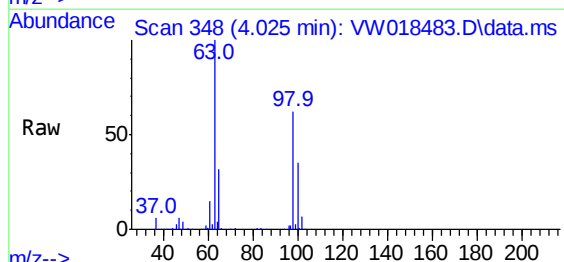
Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P7

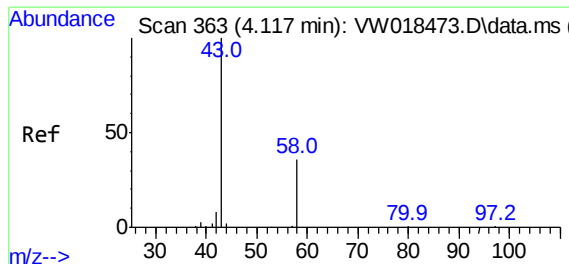
Tgt Ion:101 Resp: 1326
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 58.1 87.1#



#12
 1,1-Dichloroethene
 Concen: 0.41 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.018 min
 Lab File: VW018483.D
 Acq: 29 Mar 2021 14:05

Tgt Ion: 96 Resp: 2034
 Ion Ratio Lower Upper
 96 100
 61 705.1 118.6 220.2#
 63 4640.2 82.4 153.0#



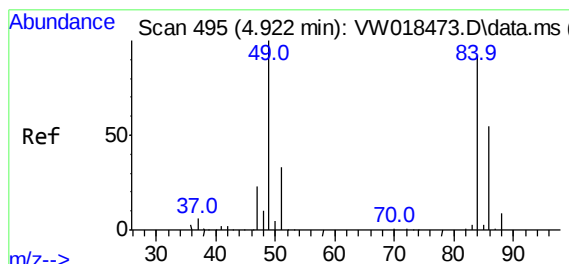
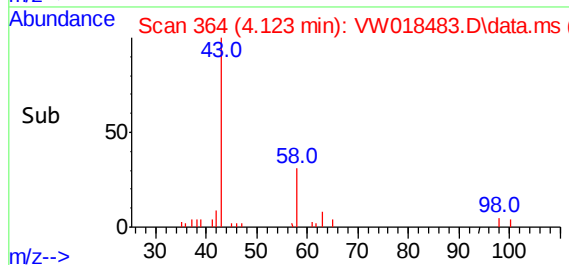
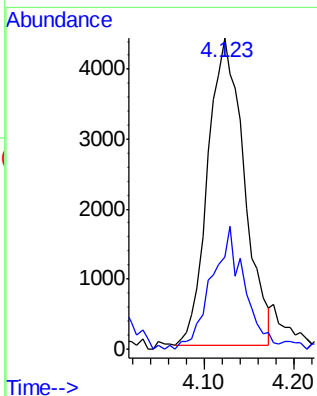
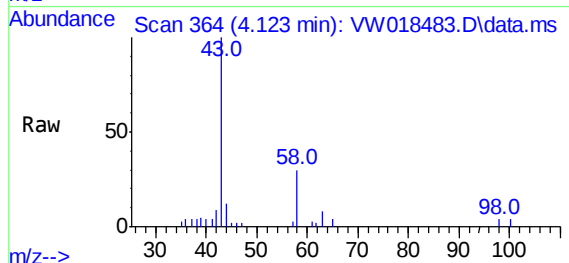


#13
Acetone
Concen: 13.97 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

Instrument :
MSVOA_W
ClientSampled :
BG3P7

Tgt Ion: 43 Resp: 12421

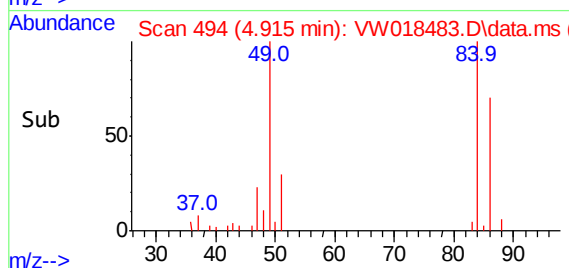
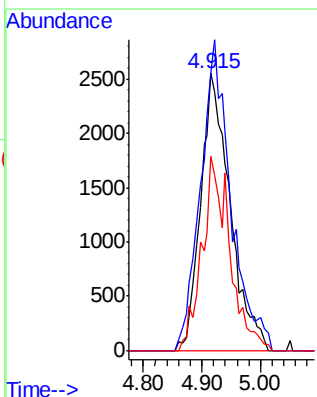
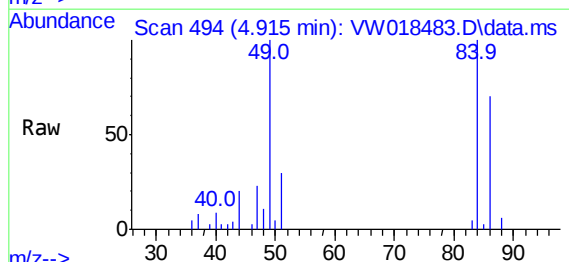
Ion	Ratio	Lower	Upper
43	100		
58	35.3	0.0	62.2

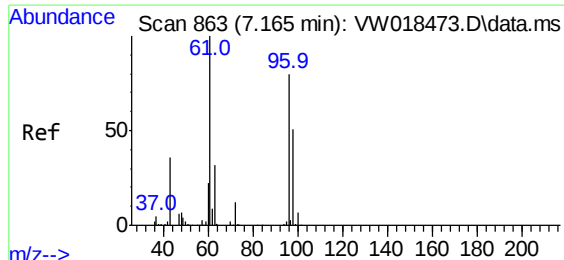


#16
Methylene chloride
Concen: 1.35 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

Tgt Ion: 84 Resp: 8867

Ion	Ratio	Lower	Upper
84	100		
49	99.9	74.4	138.2
86	69.9	46.1	85.7

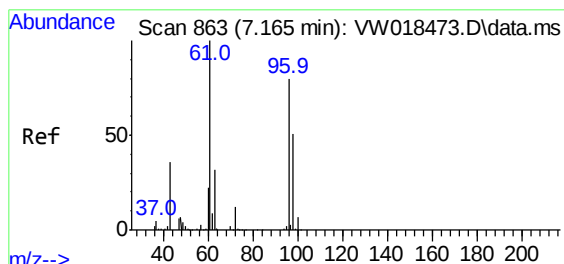
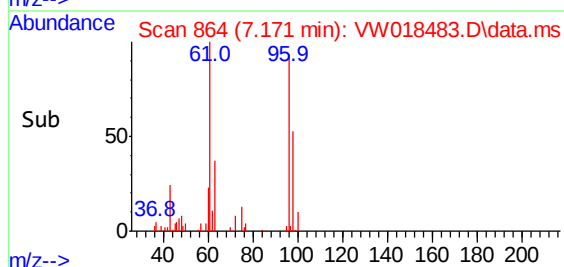
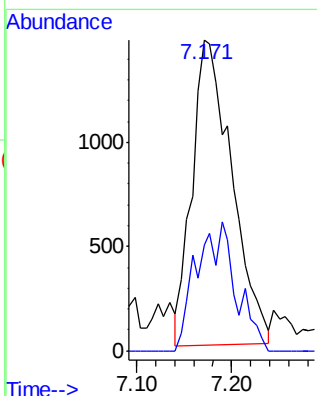
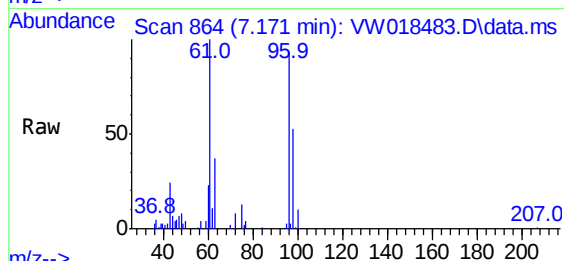




#21
2-Butanone
Concen: 2.98 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

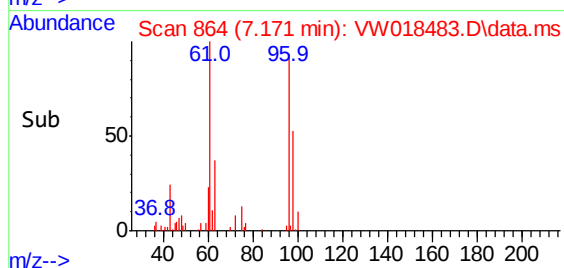
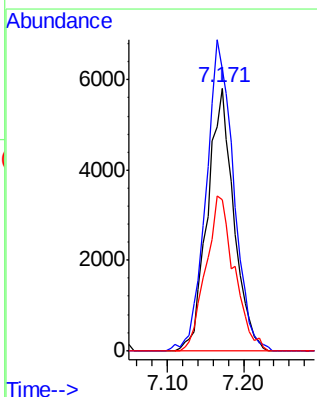
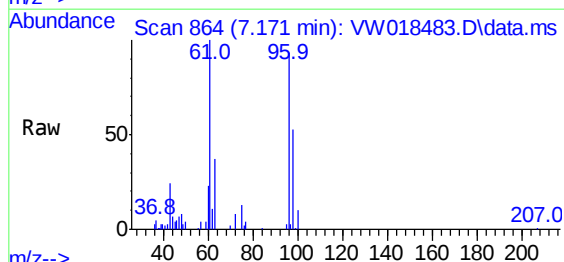
Instrument :
MSVOA_W
ClientSampled :
BG3P7

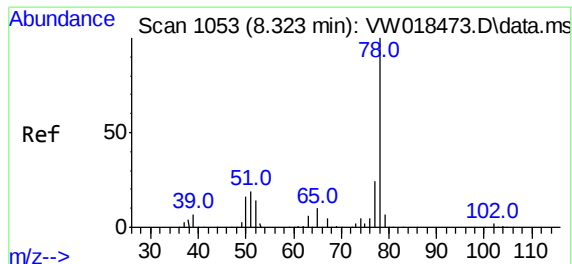
Tgt Ion: 43 Resp: 4210
Ion Ratio Lower Upper
43 100
72 22.7 16.5 49.5



#22
cis-1,2-Dichloroethene
Concen: 2.39 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

Tgt Ion: 96 Resp: 13905
Ion Ratio Lower Upper
96 100
61 107.3 84.8 157.6
98 57.4 45.1 83.9

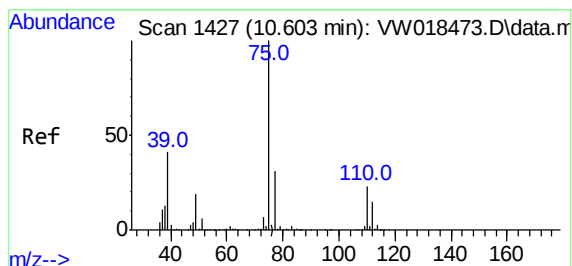
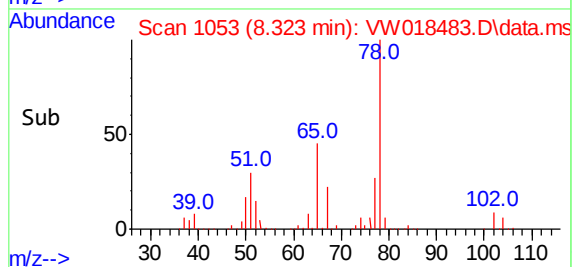
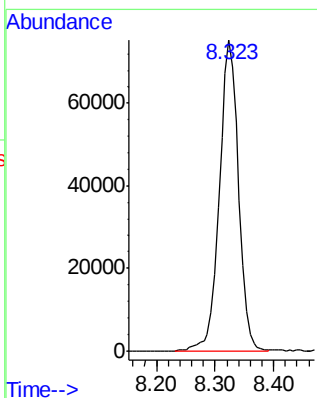
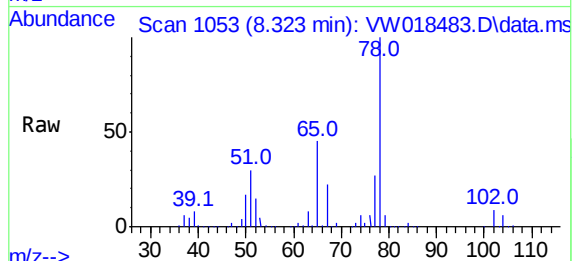




#34
Benzene
Concen: 9.25 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

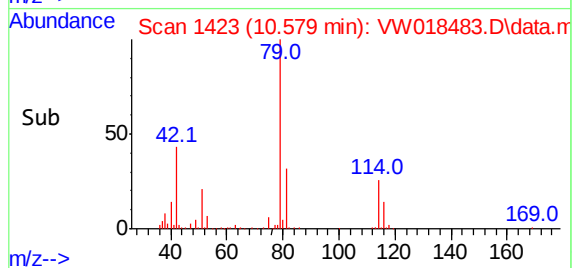
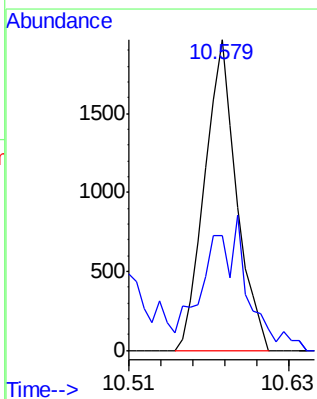
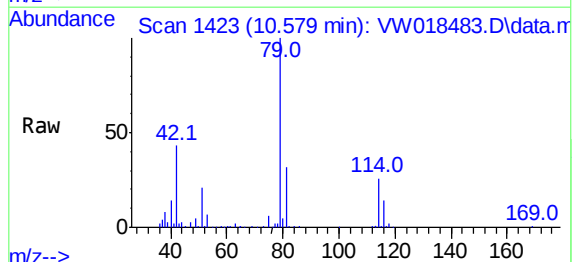
Instrument :
MSVOA_W
ClientSampled :
BG3P7

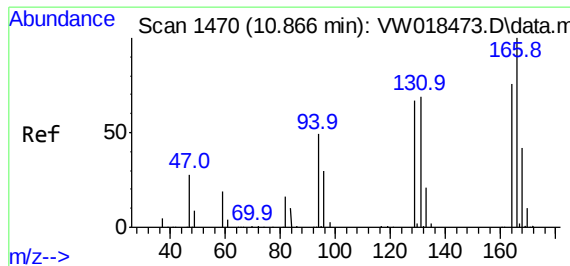
Tgt Ion: 78 Resp: 171082



#45
trans-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

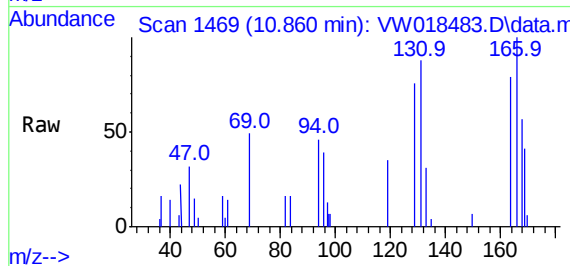
Tgt Ion: 75 Resp: 3346
Ion Ratio Lower Upper
75 100
77 37.0 22.6 42.0





#47
Tetrachloroethene
Concen: 0.50 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

Instrument :
MSVOA_W
ClientSampleId :
BG3P7



Tgt Ion:	164	Resp:	1943
Ion	Ratio	Lower	Upper
164	100		
129	96.1	68.8	127.8
131	110.6	68.3	126.8
166	126.3	95.4	177.2

