

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040621\
 Data File : VW018567.D
 Acq On : 06 Apr 2021 15:30
 Operator : SY/VA
 Sample : M1896-20
 Misc : 5.64G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A6

Quant Time: Apr 07 01:15:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 01:12:48 2021
 Response via : Initial Calibration

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

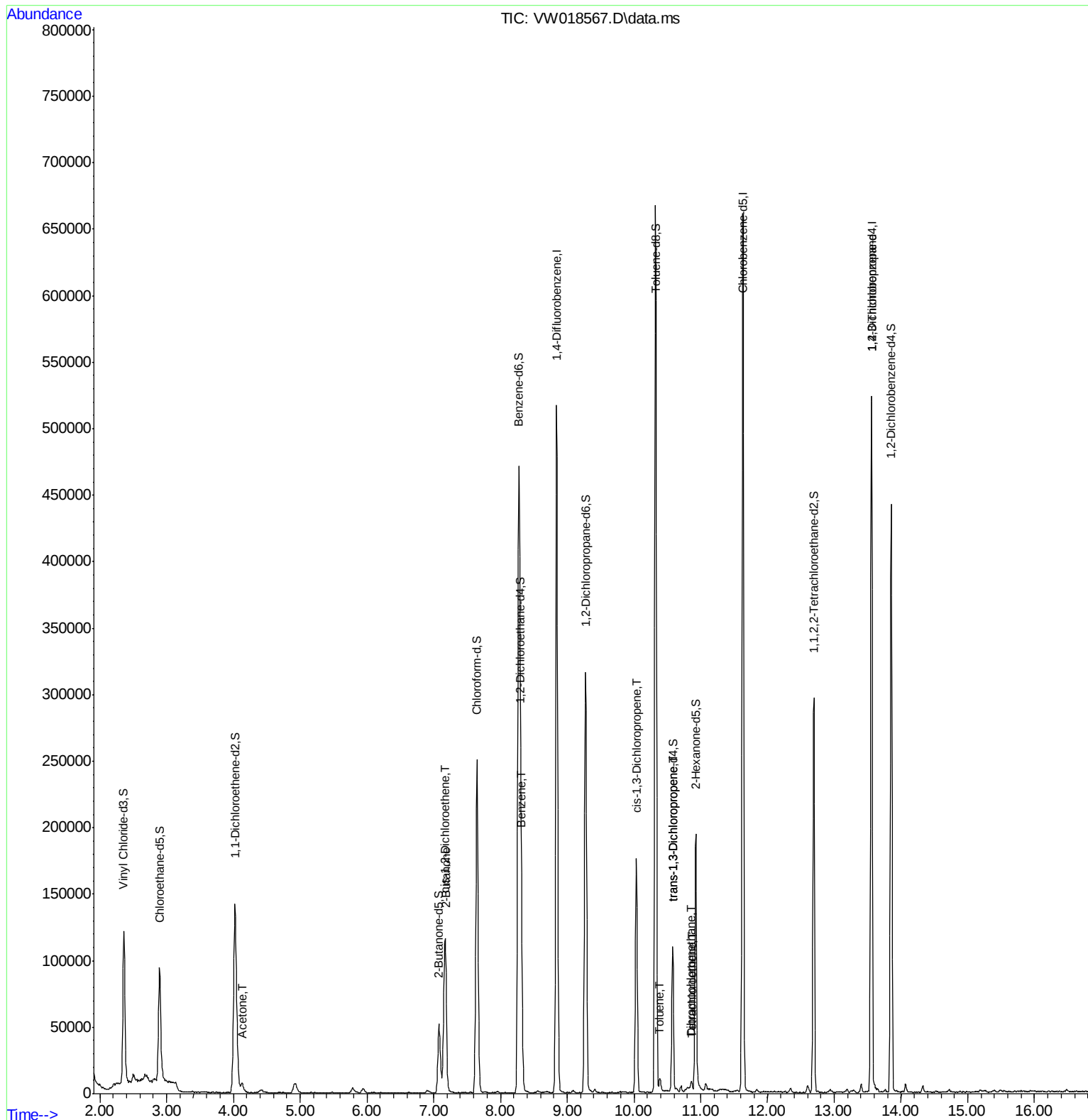
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	426143	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	359329	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	135003	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	144267	24.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.32%		
7) Chloroethane-d5	2.892	69	115702	22.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.16%		
10) 1,1-Dichloroethene-d2	4.026	63	157996	15.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.72%		
20) 2-Butanone-d5	7.080	46	84769	64.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.42%		
24) Chloroform-d	7.647	84	244950	22.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.28%		
26) 1,2-Dichloroethane-d4	8.305	65	161470	25.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.92%		
29) Benzene-d6	8.275	84	474243	24.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.32%		
33) 1,2-Dichloropropane-d6	9.275	67	143073	25.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.84%		
37) Toluene-d8	10.323	98	445399	24.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.88%		
38) trans-1,3-Dichloroprop...	10.579	79	59171	20.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.28%		
39) 2-Hexanone-d5	10.927	63	67305	62.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	124.84%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	140365	28.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.92%		
61) 1,2-Dichlorobenzene-d4	13.853	152	107332	22.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.44%		
Target Compounds						
13) Acetone	4.135	43	10735	11.32	ug/L	94
21) 2-Butanone	7.177	43	2432	1.61	ug/L #	38
22) cis-1,2-Dichloroethene	7.171	96	68295	10.99	ug/L	94
34) Benzene	8.317	78	6440	0.31	ug/L	100
42) cis-1,3-Dichloropropene	10.037	75	4851	0.56	ug/L #	80
44) Toluene	10.384	91	6932	0.29	ug/L	77
45) trans-1,3-Dichloropropene	10.579	75	3283	0.42	ug/L	86
47) Tetrachloroethene	10.866	164	1235	0.28	ug/L #	72
50) Dibromochloromethane	10.860	129	1186	0.25	ug/L #	8
59) 1,2,3-Trichloropropane	13.560	75	17925	4.83	ug/L	91

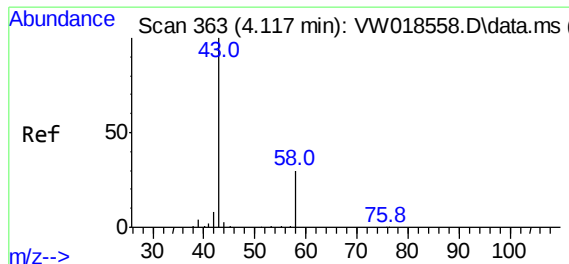
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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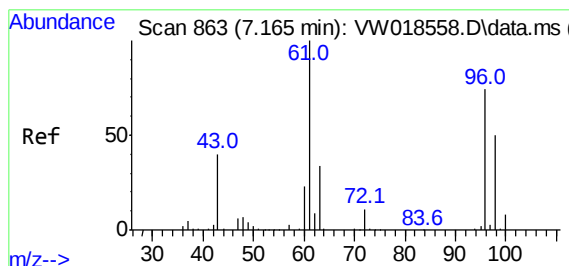
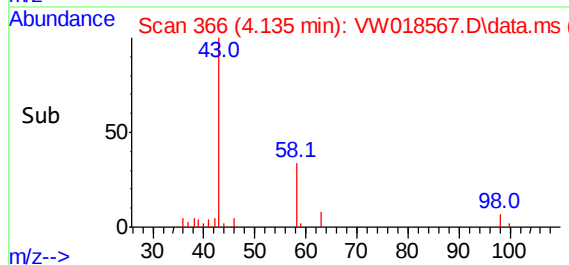
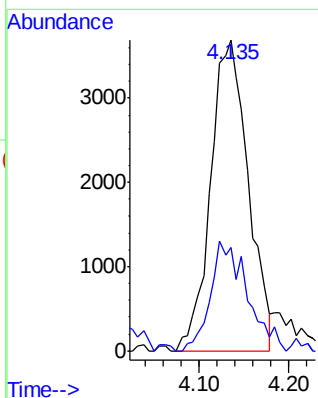
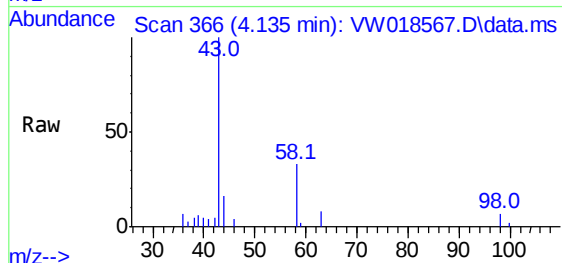




#13
Acetone
Concen: 11.32 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018567.D
Acq: 06 Apr 2021 15:30

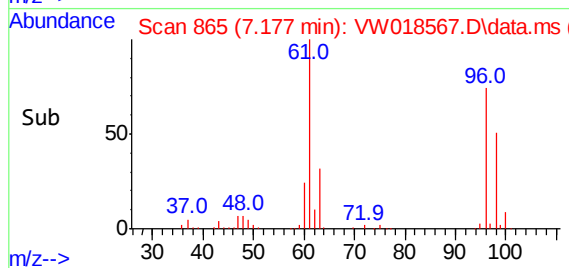
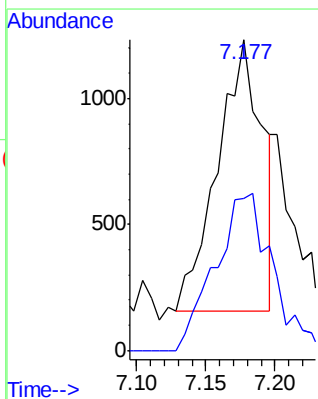
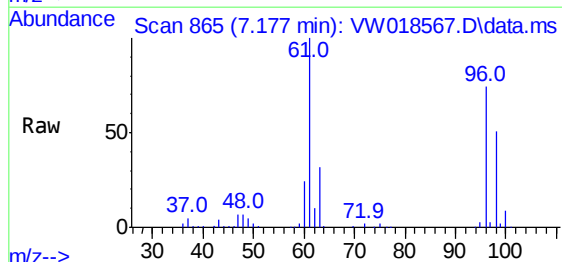
Instrument :
MSVOA_W
ClientSampled :
BG5A6

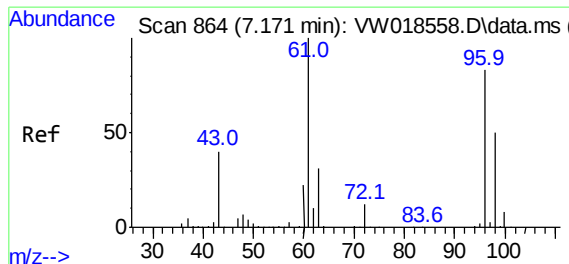
Tgt Ion: 43 Resp: 10735
Ion Ratio Lower Upper
43 100
58 34.6 0.0 62.2



#21
2-Butanone
Concen: 1.61 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018567.D
Acq: 06 Apr 2021 15:30

Tgt Ion: 43 Resp: 2432
Ion Ratio Lower Upper
43 100
72 68.1 16.5 49.5#



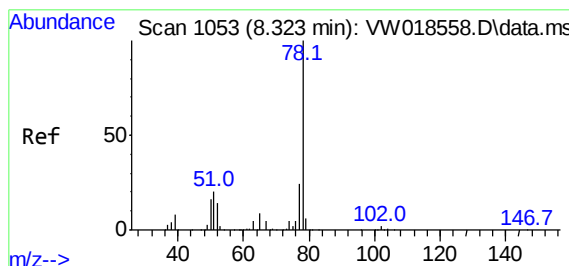
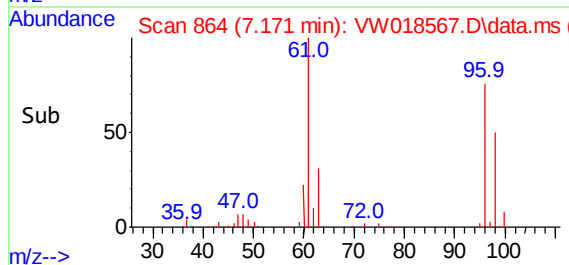
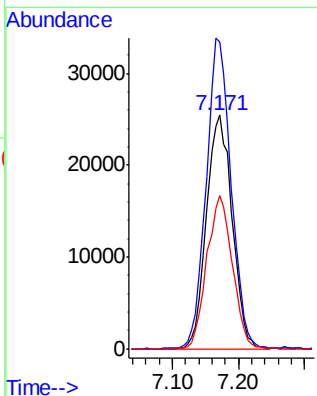
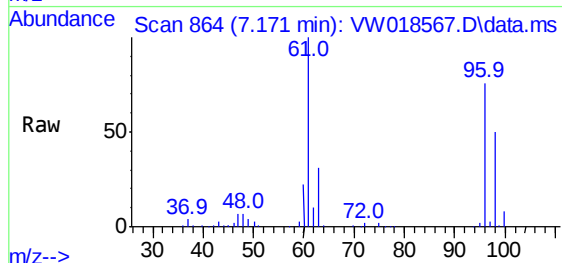


#22
 cis-1,2-Dichloroethene
 Concen: 10.99 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW018567.D
 Acq: 06 Apr 2021 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A6

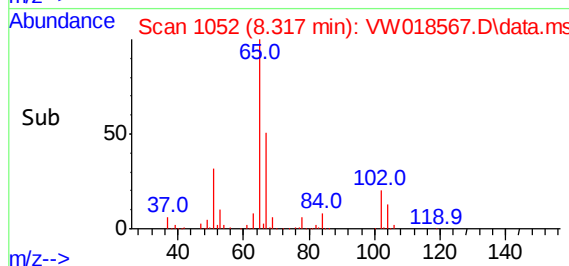
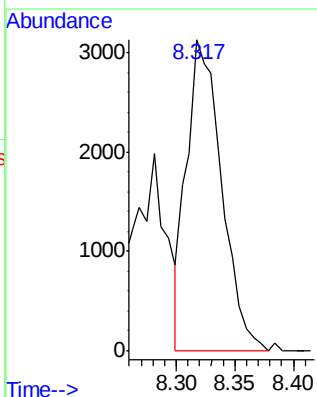
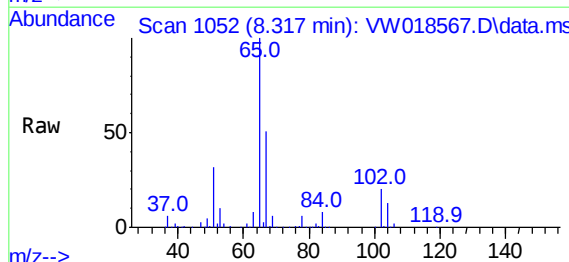
Tgt Ion: 96 Resp: 68295

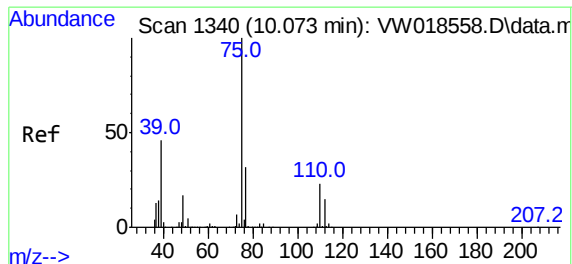
Ion	Ratio	Lower	Upper
96	100		
61	131.2	84.8	157.6
98	65.9	45.1	83.9



#34
 Benzene
 Concen: 0.31 ug/L
 RT: 8.317 min Scan# 1052
 Delta R.T. -0.006 min
 Lab File: VW018567.D
 Acq: 06 Apr 2021 15:30

Tgt Ion: 78 Resp: 6440

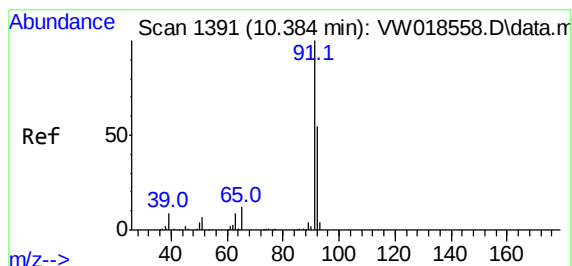
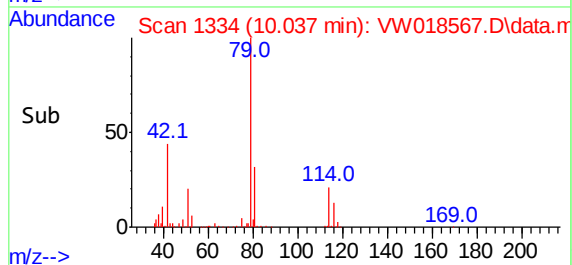
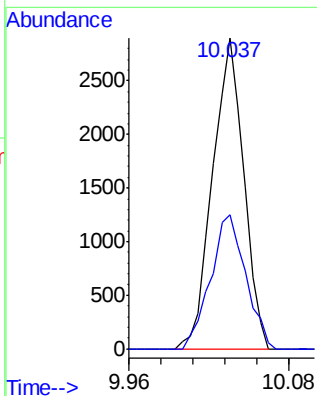
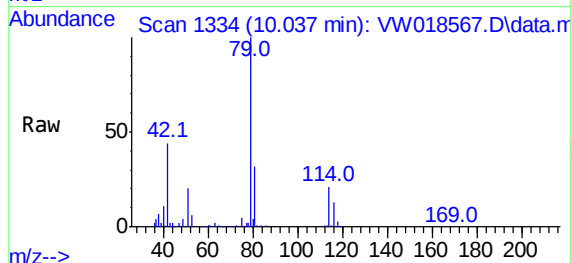




#42
cis-1,3-Dichloropropene
Concen: 0.56 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018567.D
Acq: 06 Apr 2021 15:30

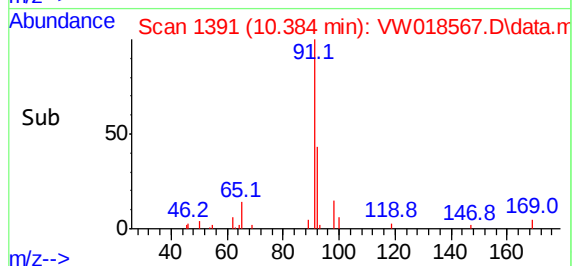
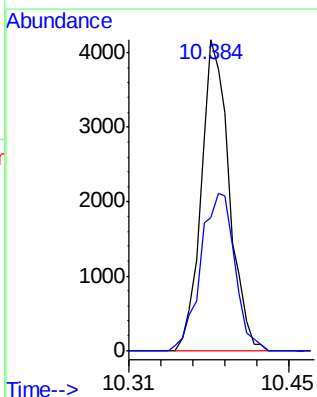
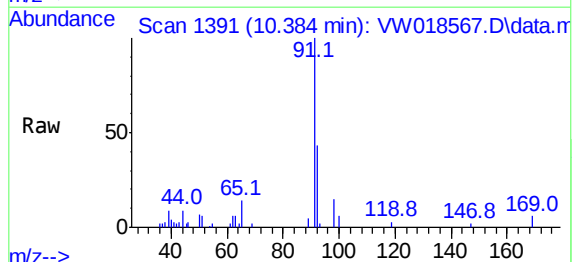
Instrument :
MSVOA_W
ClientSampled :
BG5A6

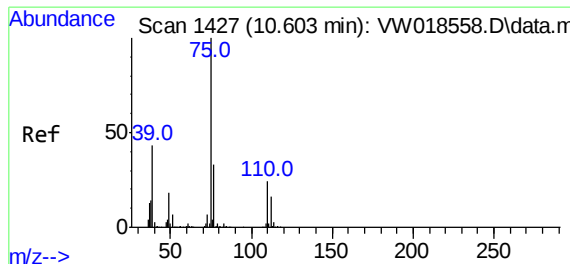
Tgt Ion: 75 Resp: 4851
Ion Ratio Lower Upper
75 100
77 43.1 22.4 41.6#



#44
Toluene
Concen: 0.29 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018567.D
Acq: 06 Apr 2021 15:30

Tgt Ion: 91 Resp: 6932
Ion Ratio Lower Upper
91 100
92 42.6 42.3 78.5

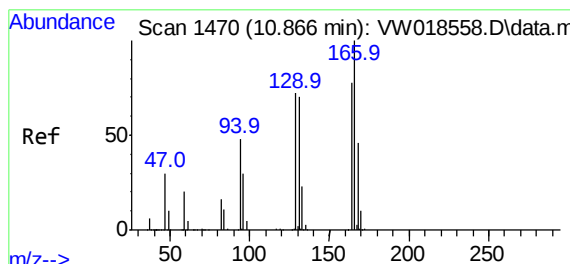
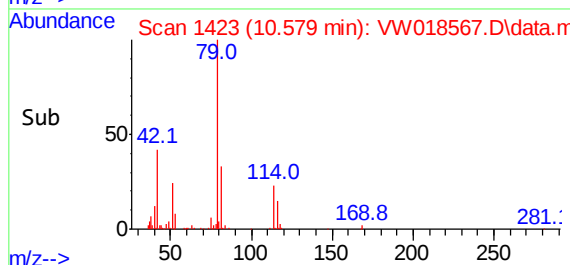
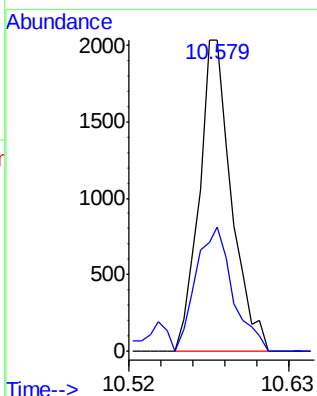
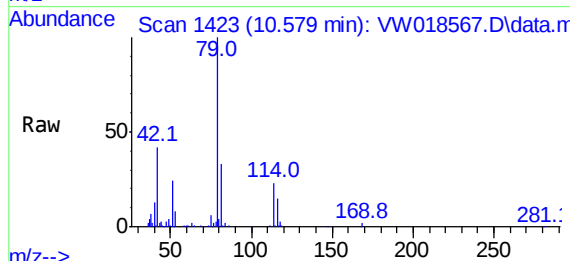




#45
trans-1,3-Dichloropropene
Concen: 0.42 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018567.D
Acq: 06 Apr 2021 15:30

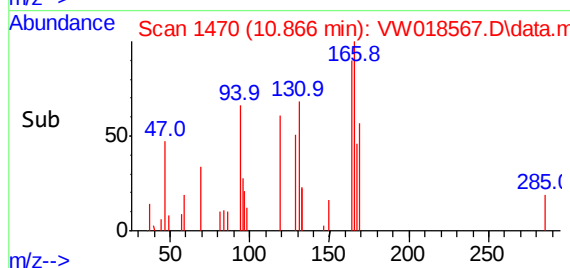
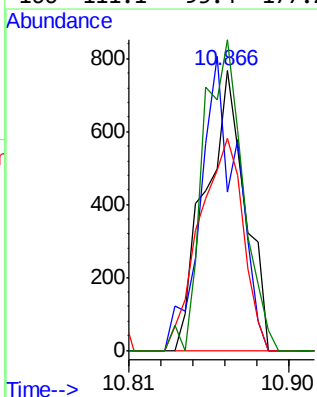
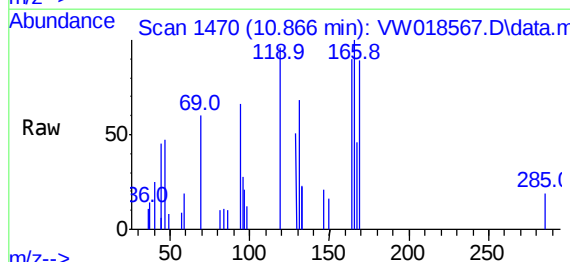
Instrument :
MSVOA_W
ClientSampleId :
BG5A6

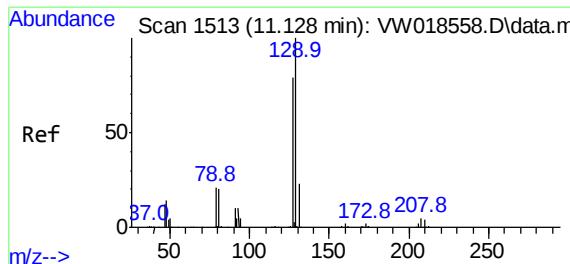
Tgt Ion: 75 Resp: 3283
Ion Ratio Lower Upper
75 100
77 39.9 22.6 42.0



#47
Tetrachloroethene
Concen: 0.28 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018567.D
Acq: 06 Apr 2021 15:30

Tgt Ion: 164 Resp: 1235
Ion Ratio Lower Upper
164 100
129 56.6 68.8 127.8#
131 75.6 68.3 126.8
166 111.1 95.4 177.2

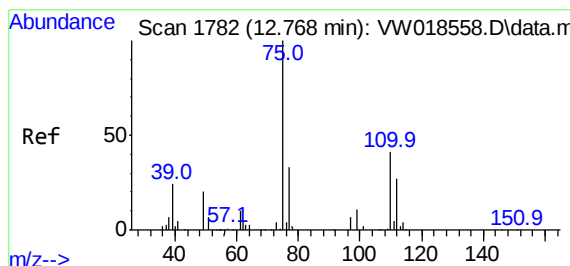
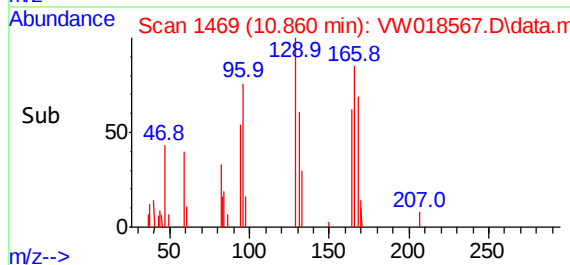
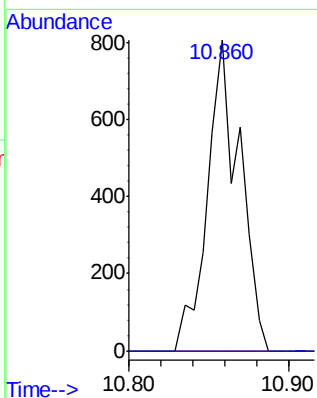
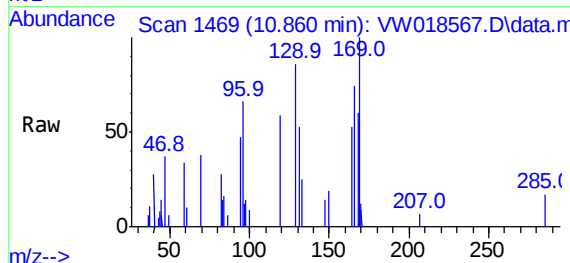




#50
 Dibromochloromethane
 Concen: 0.25 ug/L
 RT: 10.860 min Scan# 1469
 Delta R.T. -0.268 min
 Lab File: VW018567.D
 Acq: 06 Apr 2021 15:30

Instrument :
 MSVOA_W
 ClientSampleID :
 BG5A6

Tgt Ion: 129 Resp: 1186
 Ion Ratio Lower Upper
 129 100
 127 0.0 58.0 107.6#



#59
 1,2,3-Trichloropropane
 Concen: 4.83 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.793 min
 Lab File: VW018567.D
 Acq: 06 Apr 2021 15:30

Tgt Ion: 75 Resp: 17925
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.6 38.4

