

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018287.D
 Acq On : 10 Mar 2021 14:53
 Operator : SY/VA
 Sample : M1610-21
 Misc : 5.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG570

Quant Time: Mar 11 02:03:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 02:01:11 2021
 Response via : Initial Calibration

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

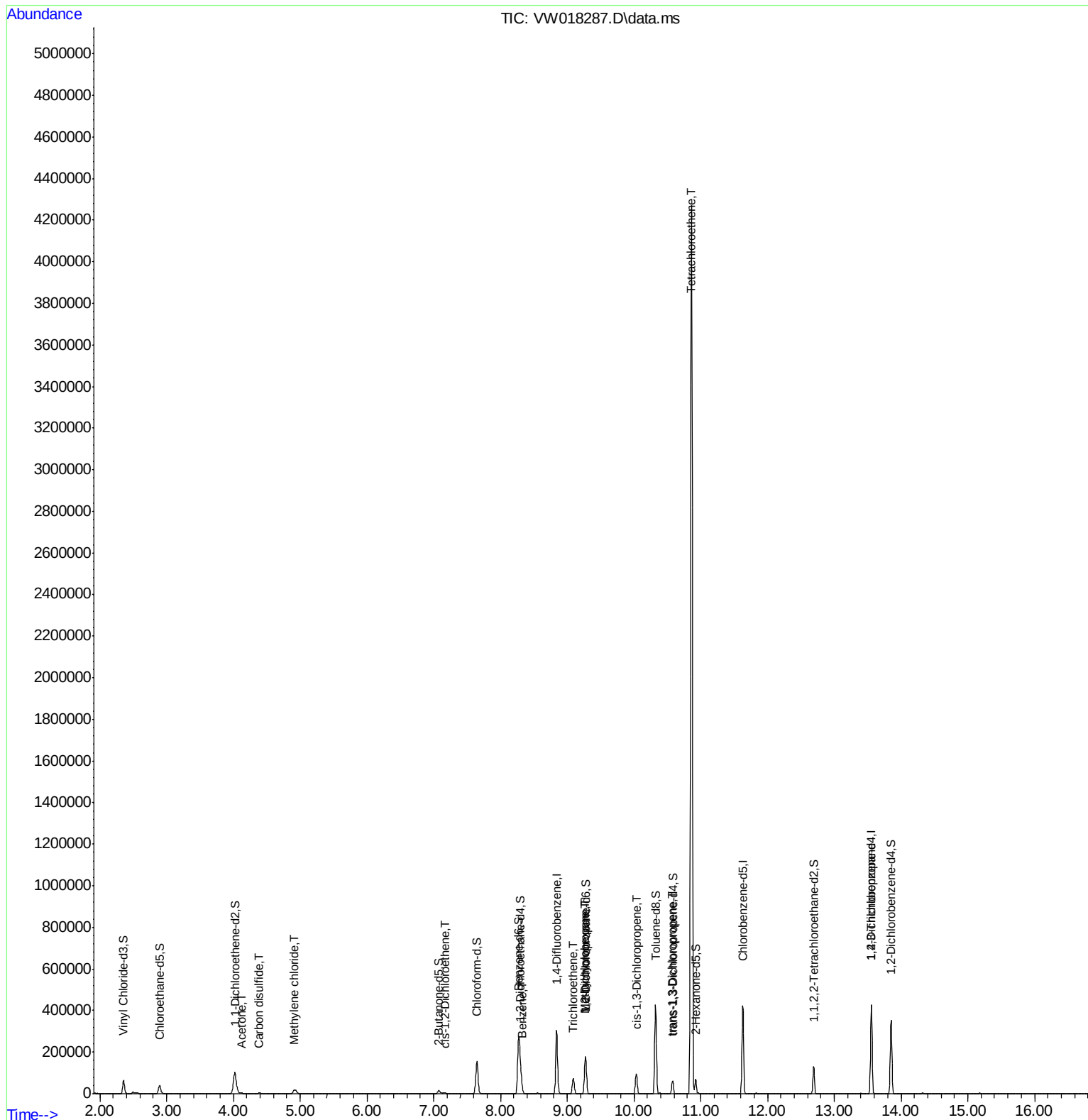
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	255845	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	234614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	100797	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	69872	25.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.88%			
7) Chloroethane-d5	2.891	69	53834	23.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.72%			
10) 1,1-Dichloroethene-d2	4.019	63	113910	17.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.76%			
20) 2-Butanone-d5	7.080	46	25617	38.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.78%			
24) Chloroform-d	7.647	84	155927	22.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	8.305	65	83719	21.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.80%			
29) Benzene-d6	8.275	84	289758	23.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.80%			
33) 1,2-Dichloropropane-d6	9.274	67	79833	23.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.28%			
37) Toluene-d8	10.323	98	278749	23.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.52%			
38) trans-1,3-Dichloroprop...	10.579	79	35577	20.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.96%			
39) 2-Hexanone-d5	10.920	63	23455	40.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.48%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	60156	20.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.32%			
61) 1,2-Dichlorobenzene-d4	13.853	152	87368	23.85	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
13) Acetone	4.117	43	6765	13.14	ug/L	98
14) Carbon disulfide	4.379	76	7595	0.78	ug/L	97
16) Methylene chloride	4.909	84	10241	2.62	ug/L	91
22) cis-1,2-Dichloroethene	7.165	96	979	0.26	ug/L	84
34) Benzene	8.323	78	5047	0.37	ug/L	100
35) Trichloroethene	9.091	95	25256	6.38	ug/L	97
36) Methylcyclohexane	9.268	83	21353	3.36	ug/L #	21
40) 1,2-Dichloropropane	9.268	63	10219	3.26	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2755	0.52	ug/L #	68
45) trans-1,3-Dichloropropene	10.573	75	1758	0.37	ug/L #	74
47) Tetrachloroethene	10.859	164	895820	302.40	ug/L	90
59) 1,2,3-Trichloropropane	13.554	75	13110	5.82	ug/L #	82

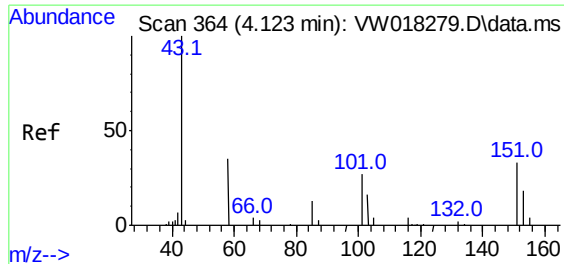
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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QLast Update : Thu Mar 11 02:01:11 2021
Response via : Initial Calibration

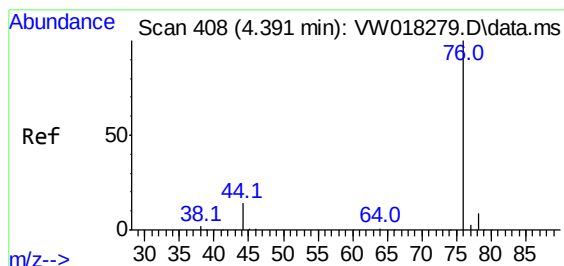
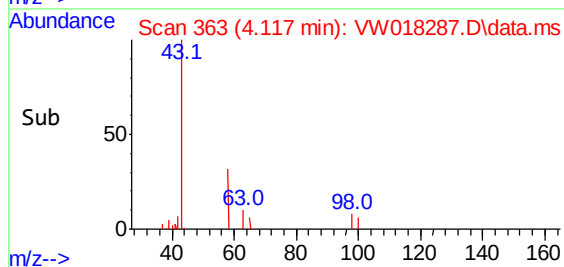
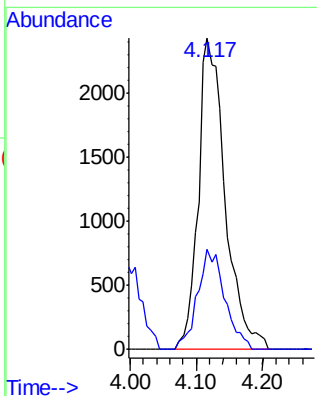
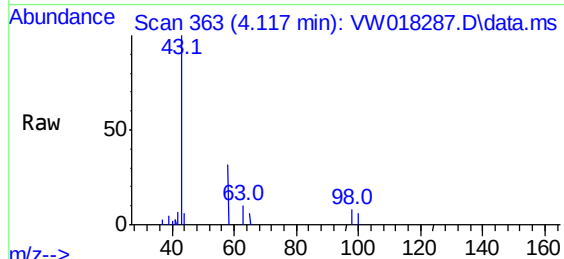




#13
Acetone
Concen: 13.14 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

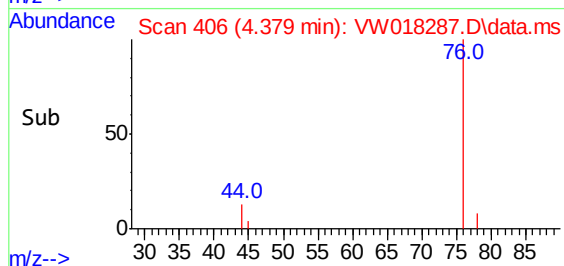
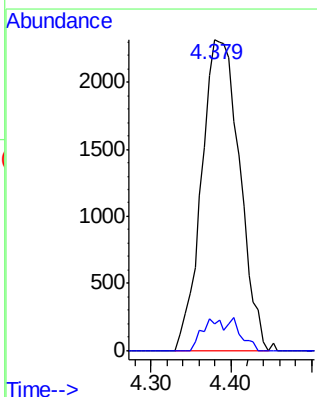
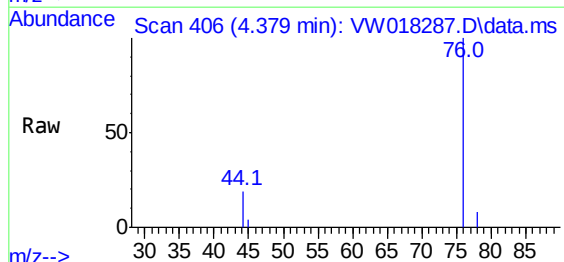
Instrument :
MSVOA_W
ClientSampled :
BG570

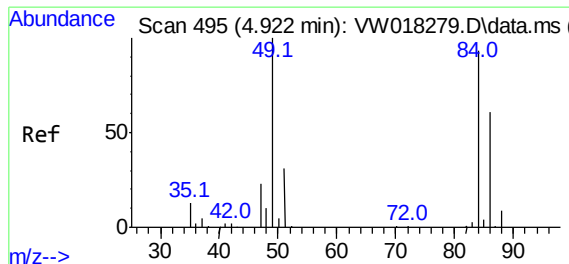
Tgt Ion: 43 Resp: 6765
Ion Ratio Lower Upper
43 100
58 32.4 0.0 62.2



#14
Carbon disulfide
Concen: 0.78 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.012 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Tgt Ion: 76 Resp: 7595
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



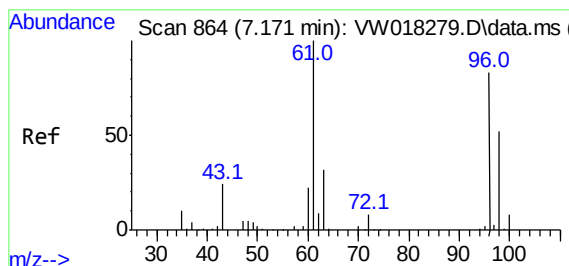
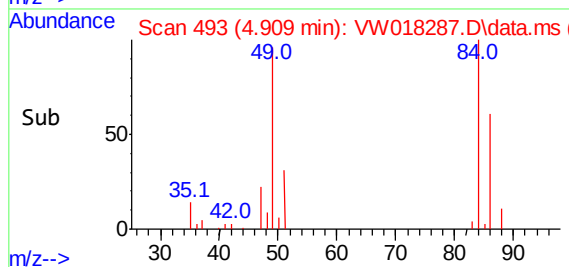
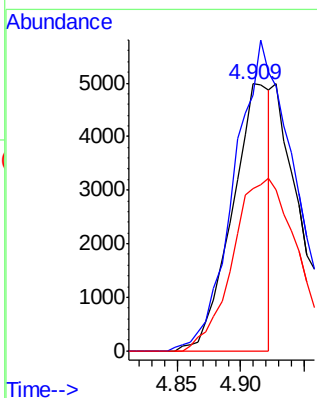
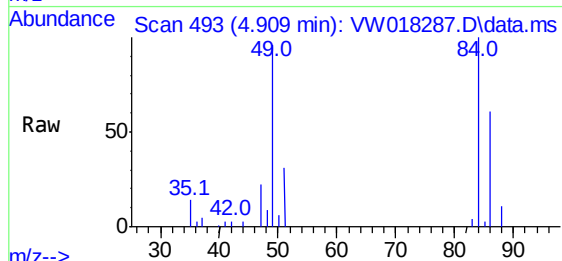


#16
Methylene chloride
Concen: 2.62 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Instrument :
MSVOA_W
ClientSampleId :
BG570

Tgt Ion: 84 Resp: 10241

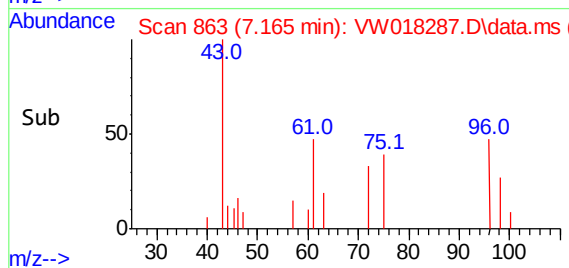
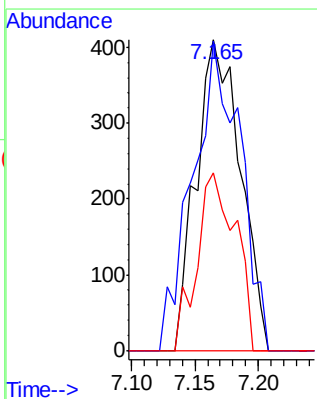
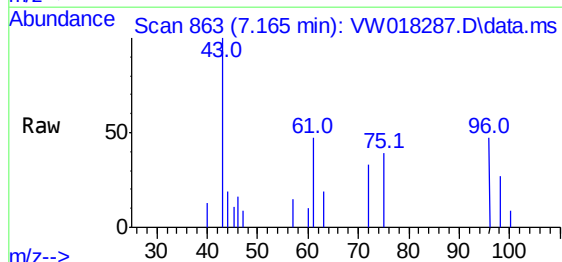
Ion	Ratio	Lower	Upper
84	100		
49	95.6	74.4	138.2
86	60.9	46.1	85.7

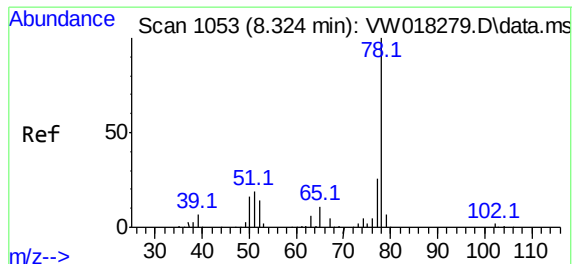


#22
cis-1,2-Dichloroethene
Concen: 0.26 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Tgt Ion: 96 Resp: 979

Ion	Ratio	Lower	Upper
96	100		
61	99.8	84.8	157.6
98	57.1	45.1	83.9

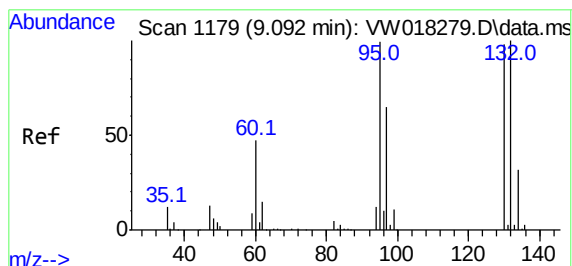
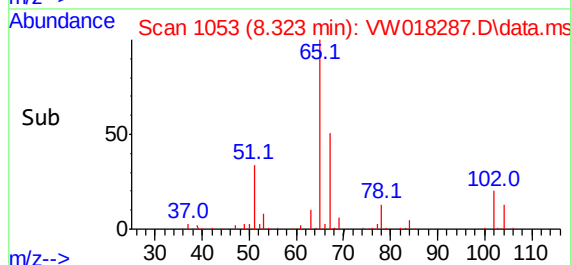
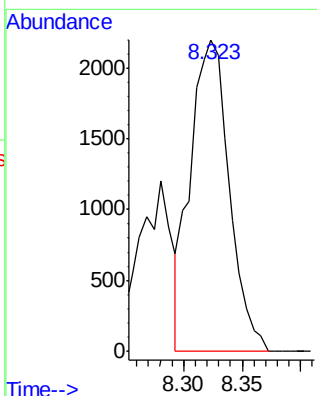
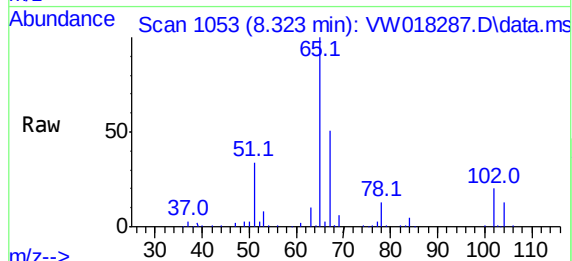




#34
Benzene
Concen: 0.37 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Instrument :
MSVOA_W
ClientSampled :
BG570

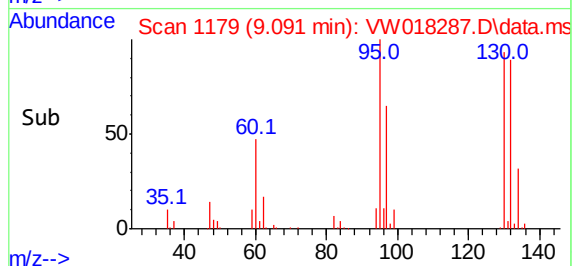
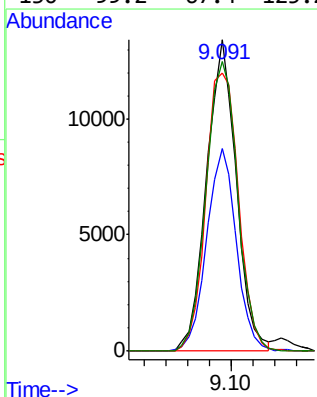
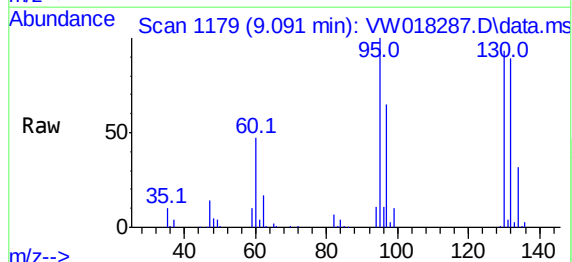
Tgt Ion: 78 Resp: 5047

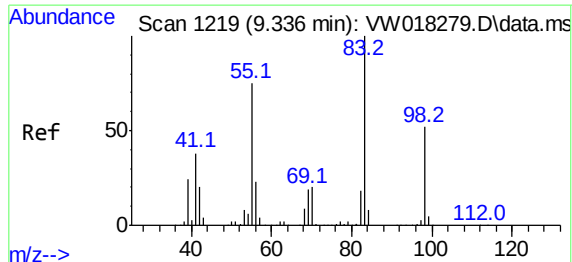


#35
Trichloroethene
Concen: 6.38 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Tgt Ion: 95 Resp: 25256

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.4	82.4
132	98.6	65.9	122.5
130	99.2	67.4	125.2

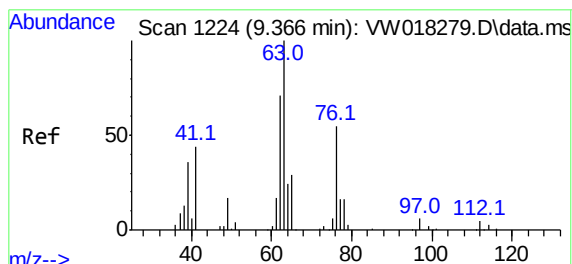
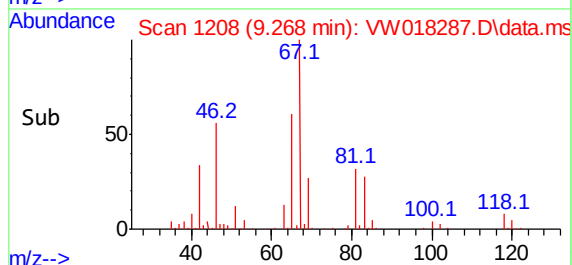
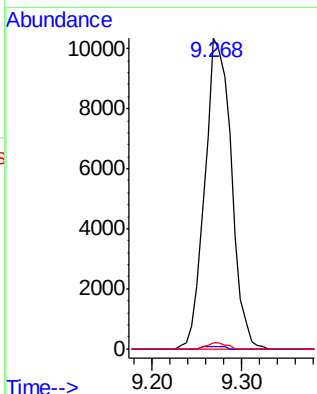
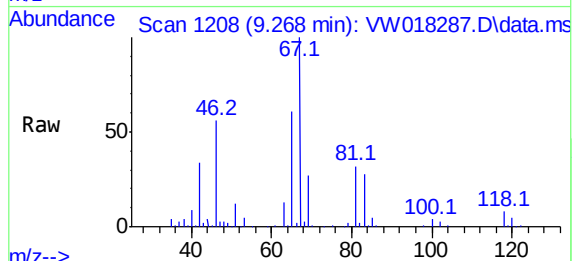




#36
Methylcyclohexane
Concen: 3.36 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.067 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

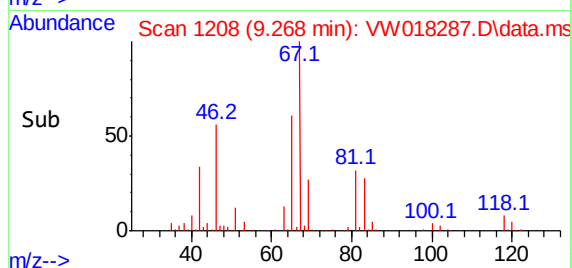
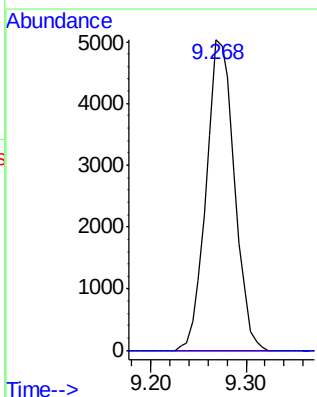
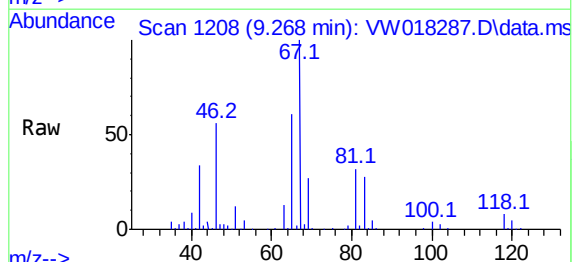
Instrument :
MSVOA_W
ClientSampled :
BG570

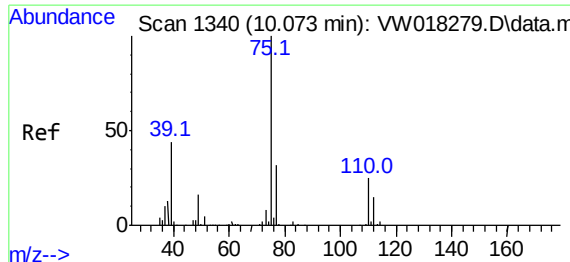
Tgt Ion: 83 Resp: 21353
Ion Ratio Lower Upper
83 100
55 0.6 56.8 85.2#
98 1.5 40.6 61.0#



#40
1,2-Dichloropropane
Concen: 3.26 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.098 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Tgt Ion: 63 Resp: 10219
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

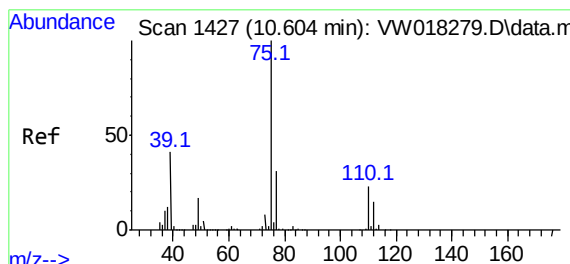
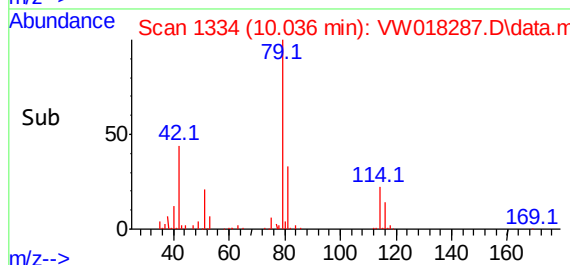
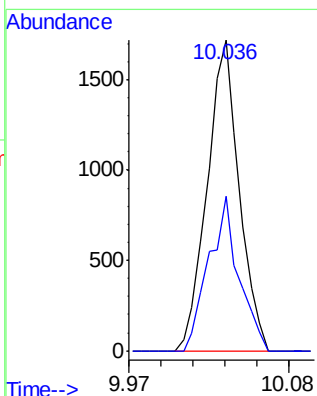
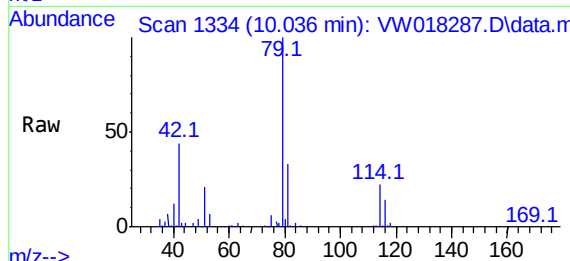




#42
cis-1,3-Dichloropropene
Concen: 0.52 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

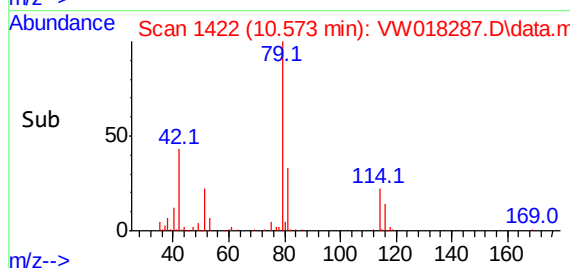
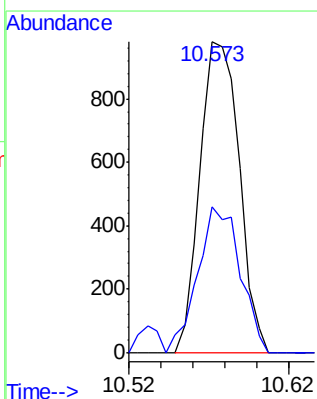
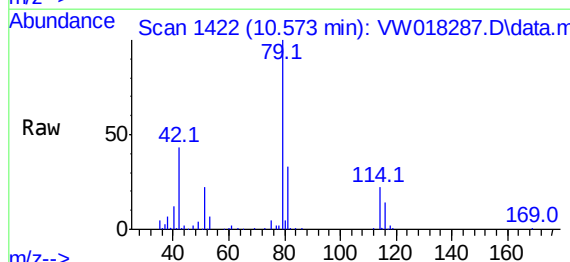
Instrument :
MSVOA_W
ClientSampled :
BG570

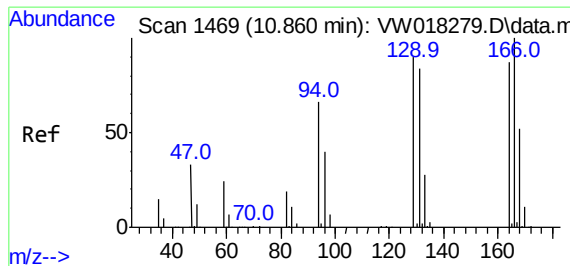
Tgt Ion: 75 Resp: 2755
Ion Ratio Lower Upper
75 100
77 49.8 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Tgt Ion: 75 Resp: 1758
Ion Ratio Lower Upper
75 100
77 46.8 22.6 42.0#

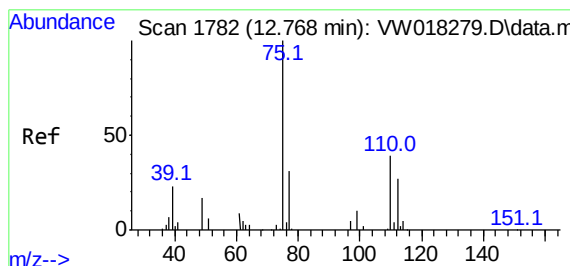
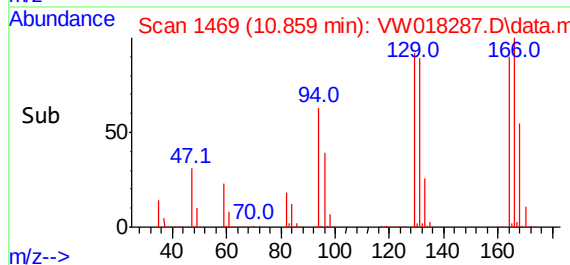
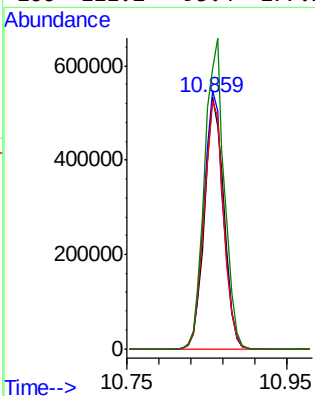
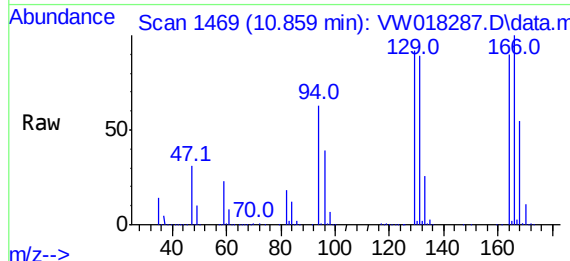




#47
Tetrachloroethene
Concen: 302.40 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Instrument :
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Tgt Ion:164 Resp: 895820
Ion Ratio Lower Upper
164 100
129 102.5 68.8 127.8
131 98.5 68.3 126.8
166 111.2 95.4 177.2



#59
1,2,3-Trichloropropane
Concen: 5.82 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Tgt Ion: 75 Resp: 13110
Ion Ratio Lower Upper
75 100
77 42.3 25.6 38.4#

