

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018285.D
 Acq On : 10 Mar 2021 14:05
 Operator : SY/VA
 Sample : M1610-22
 Misc : 6.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG571

Quant Time: Mar 11 02:03:10 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)

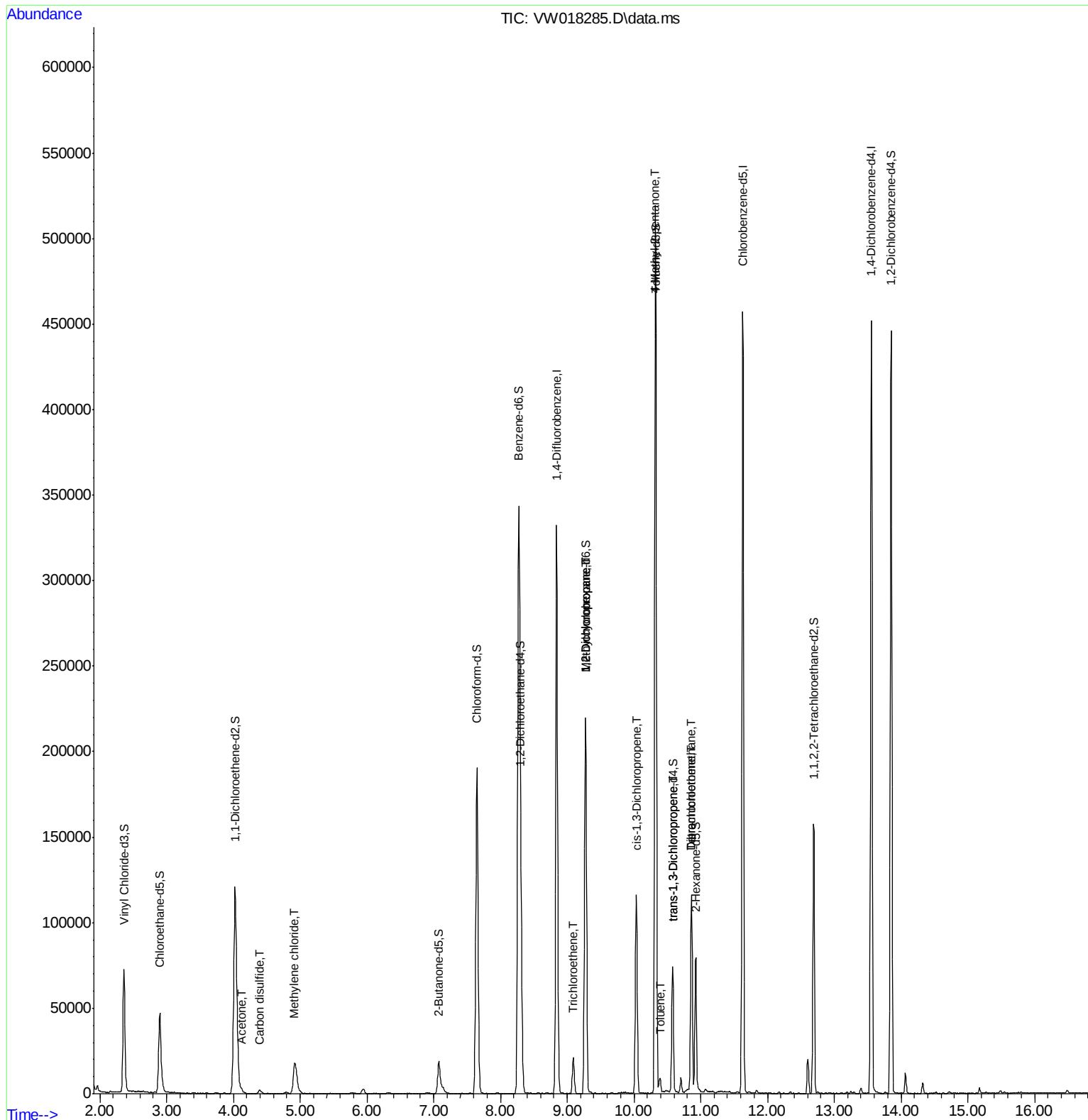
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	274022	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	245769	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	115210	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	86141	29.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.12%			
7) Chloroethane-d5	2.897	69	66603	27.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.56%			
10) 1,1-Dichloroethene-d2	4.025	63	137247	19.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.60%			
20) 2-Butanone-d5	7.080	46	30969	43.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.80%			
24) Chloroform-d	7.647	84	188322	25.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.48%			
26) 1,2-Dichloroethane-d4	8.305	65	102266	25.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%			
29) Benzene-d6	8.275	84	357163	27.30	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.20%			
33) 1,2-Dichloropropane-d6	9.274	67	95776	26.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.68%			
37) Toluene-d8	10.323	98	337212	26.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.84%			
38) trans-1,3-Dichloroprop...	10.579	79	42272	23.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.08%			
39) 2-Hexanone-d5	10.927	63	27438	45.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.00%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	72262	23.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.24%			
61) 1,2-Dichlorobenzene-d4	13.853	152	106376	25.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.60%			
Target Compounds						
13) Acetone	4.123	43	2849	5.17	ug/L	49
14) Carbon disulfide	4.391	76	3711	0.35	ug/L	99
16) Methylene chloride	4.915	84	18086	4.32	ug/L	94
35) Trichloroethene	9.091	95	6662	1.61	ug/L	95
36) Methylcyclohexane	9.274	83	25846	3.88	ug/L #	21
40) 1,2-Dichloropropane	9.274	63	13071	3.98	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3469	0.63	ug/L	90
43) 4-Methyl-2-pentanone	10.317	43	1299	0.76	ug/L #	1
44) Toluene	10.390	91	6671	0.42	ug/L	89
45) trans-1,3-Dichloropropene	10.579	75	2168	0.44	ug/L	88
47) Tetrachloroethene	10.859	164	23708	7.64	ug/L	90
50) Dibromochloromethane	10.859	129	24293	7.32	ug/L #	8

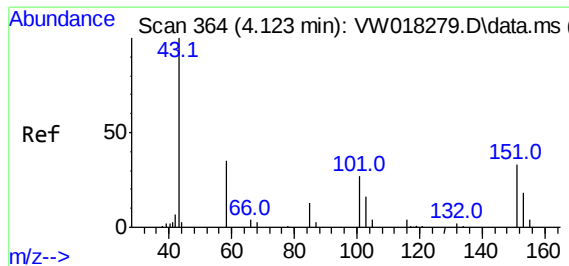
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
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Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Time: Mar 11 02:03:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 11 02:01:11 2021
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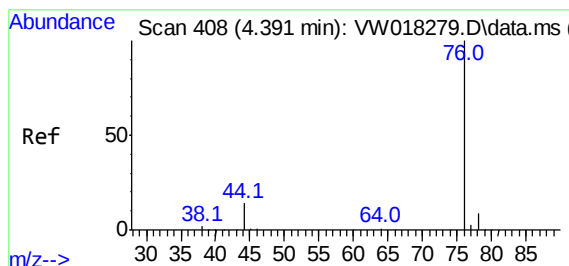
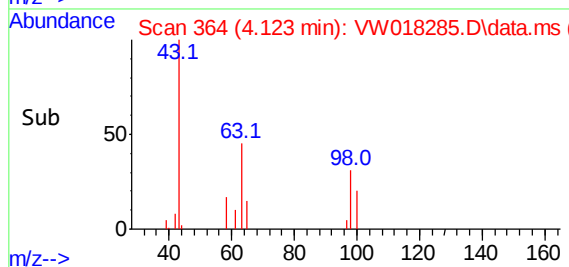
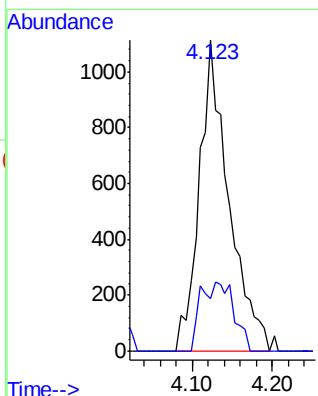
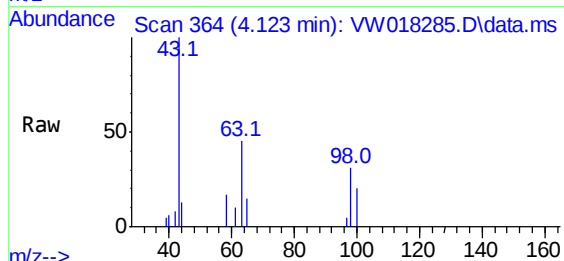




#13
Acetone
Concen: 5.17 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

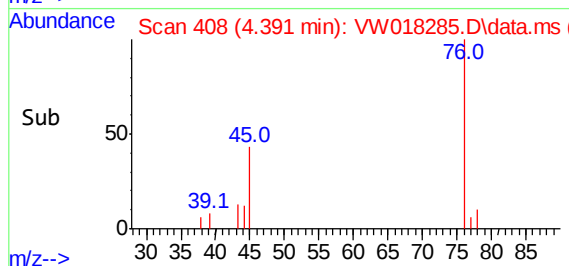
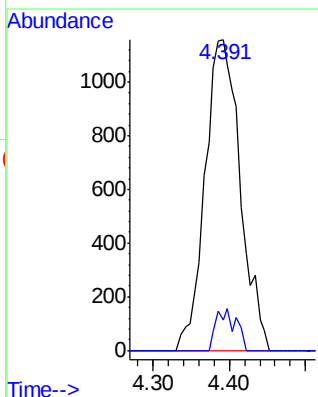
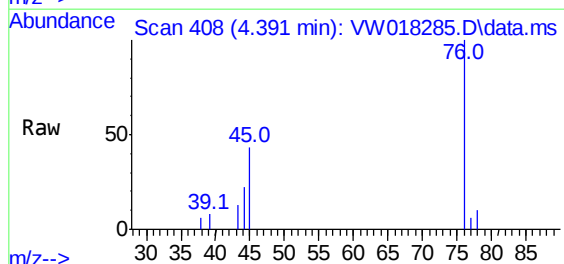
Instrument :
MSVOA_W
ClientSampled :
BG571

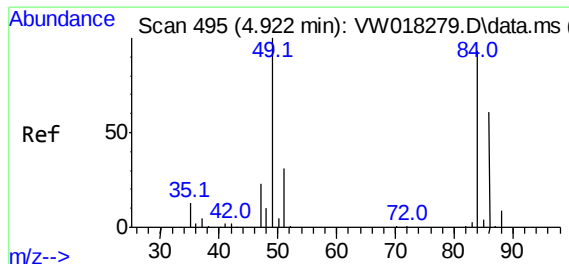
Tgt Ion: 43 Resp: 2849
Ion Ratio Lower Upper
43 100
58 3.0 0.0 62.2



#14
Carbon disulfide
Concen: 0.35 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

Tgt Ion: 76 Resp: 3711
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



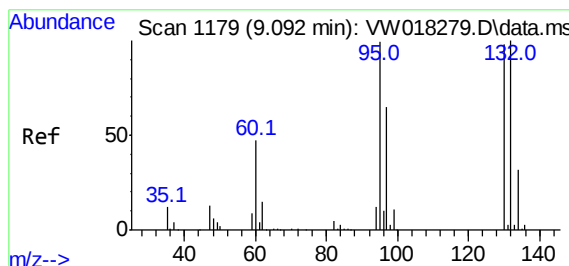
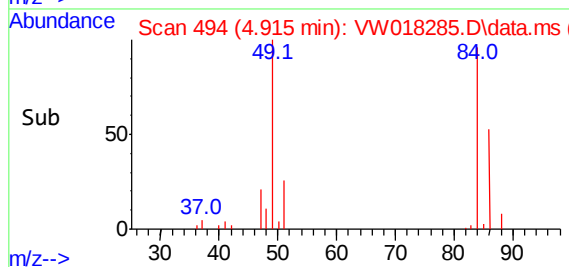
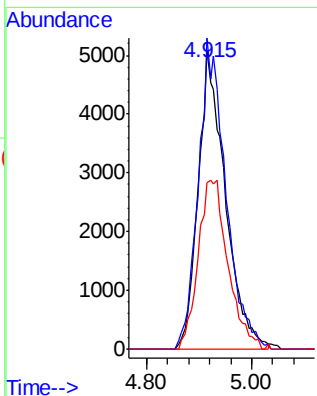
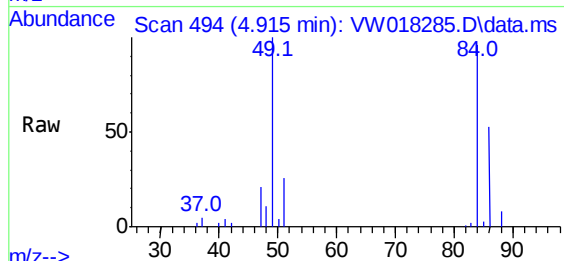


#16
Methylene chloride
Concen: 4.32 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

Instrument :
MSVOA_W
ClientSampled :
BG571

Tgt Ion: 84 Resp: 18086

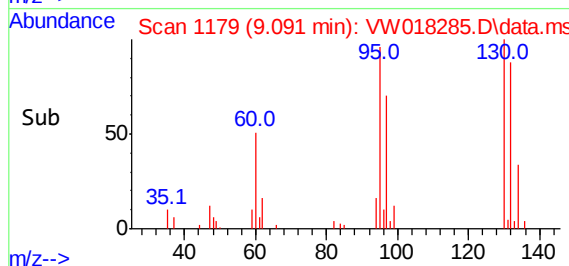
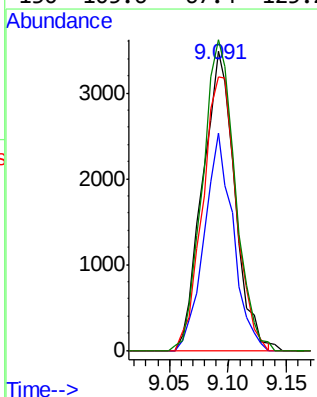
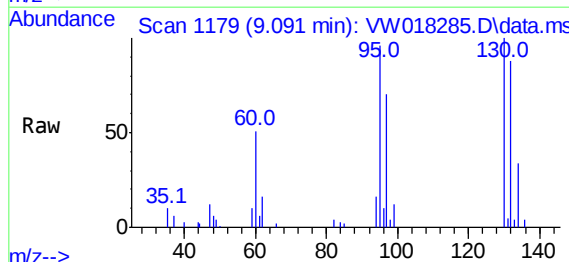
Ion	Ratio	Lower	Upper
84	100		
49	104.4	74.4	138.2
86	55.7	46.1	85.7

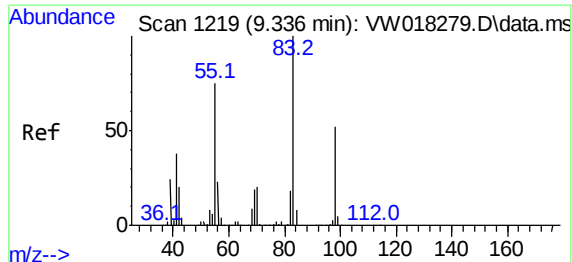


#35
Trichloroethene
Concen: 1.61 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

Tgt Ion: 95 Resp: 6662

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.4	82.4
132	95.3	65.9	122.5
130	105.6	67.4	125.2

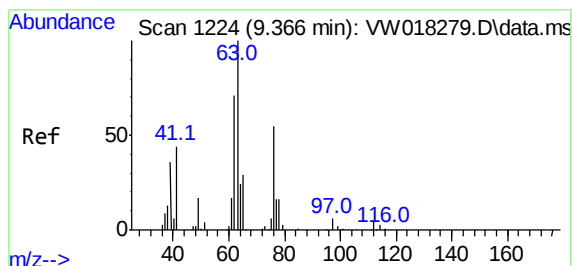
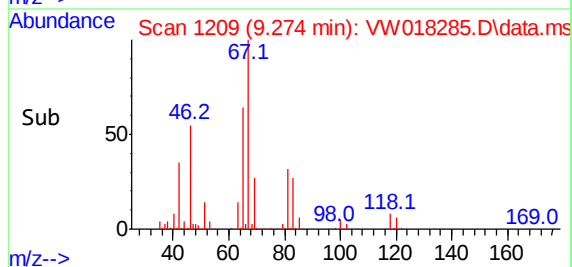
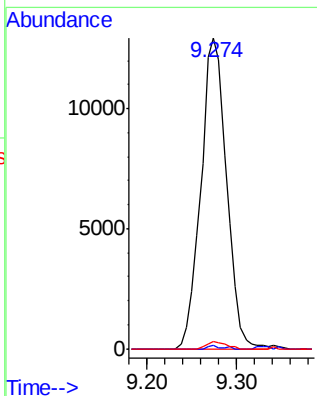
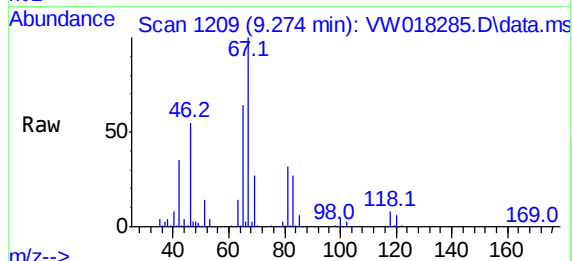




#36
Methylcyclohexane
Concen: 3.88 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

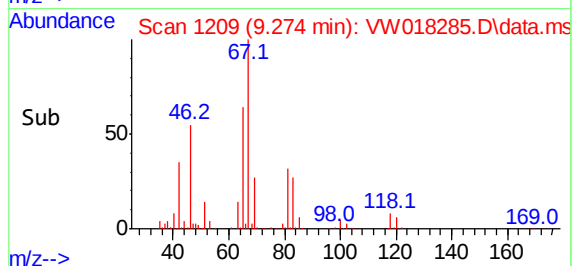
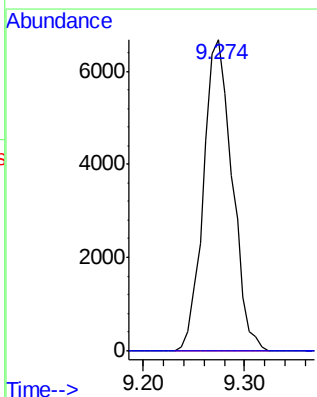
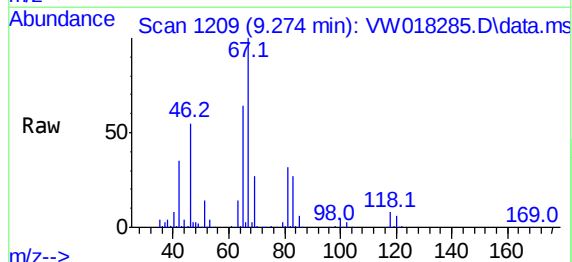
Instrument :
MSVOA_W
ClientSampleId :
BG571

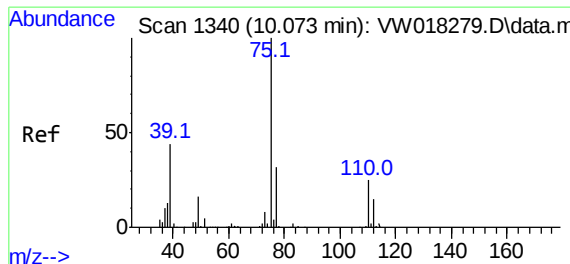
Tgt Ion: 83 Resp: 25846
Ion Ratio Lower Upper
83 100
55 0.5 56.8 85.2#
98 1.8 40.6 61.0#



#40
1,2-Dichloropropane
Concen: 3.98 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

Tgt Ion: 63 Resp: 13071
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

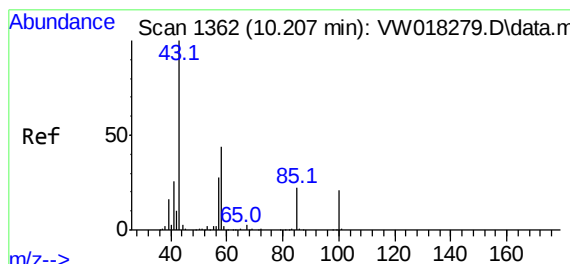
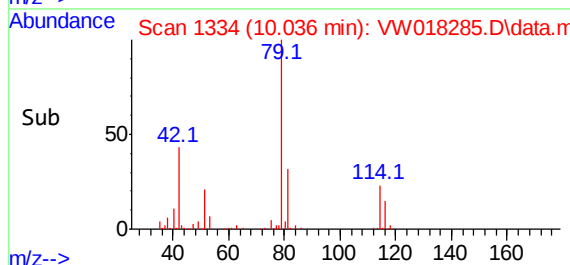
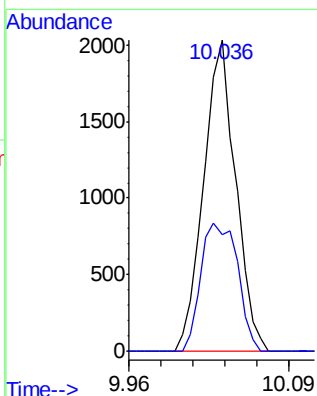
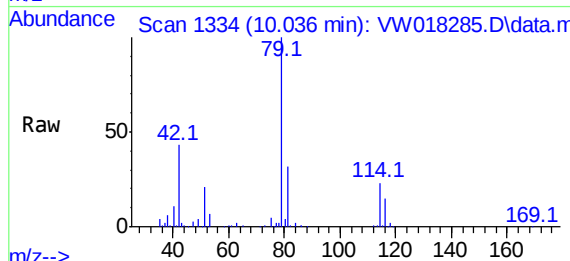




#42
cis-1,3-Dichloropropene
Concen: 0.63 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

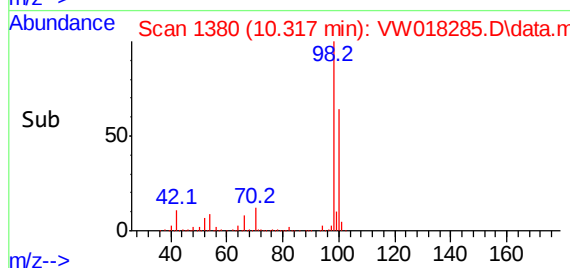
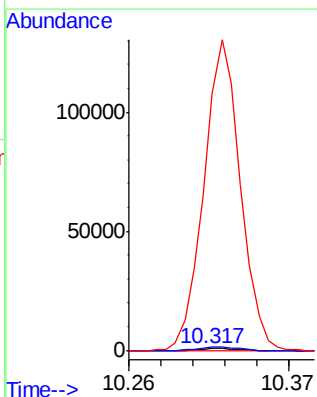
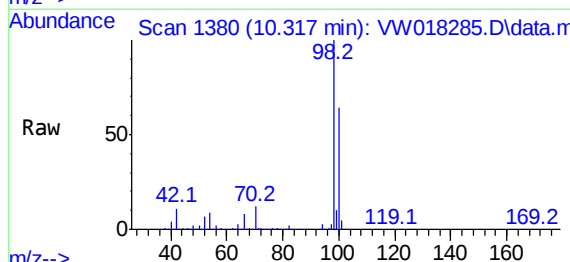
Instrument :
MSVOA_W
ClientSampled :
BG571

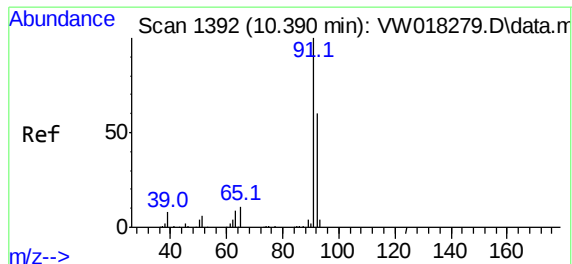
Tgt Ion: 75 Resp: 3469
Ion Ratio Lower Upper
75 100
77 37.3 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 0.76 ug/L
RT: 10.317 min Scan# 1380
Delta R.T. 0.110 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

Tgt Ion: 43 Resp: 1299
Ion Ratio Lower Upper
43 100
58 192.3 34.8 52.2#
100 16656.0 15.9 23.9#





#44

Toluene

Concen: 0.42 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW018285.D

Acq: 10 Mar 2021 14:05

Instrument :

MSVOA_W

ClientSampled :

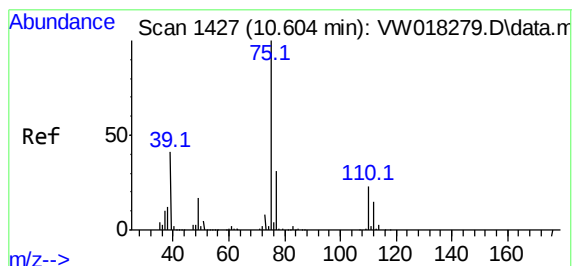
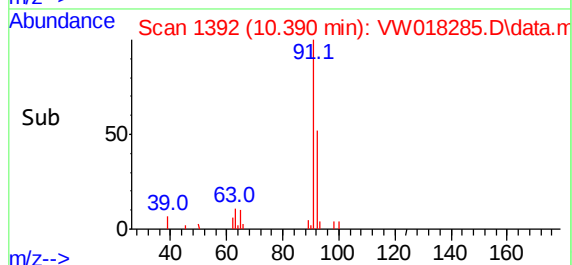
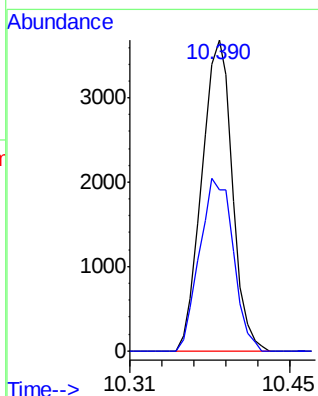
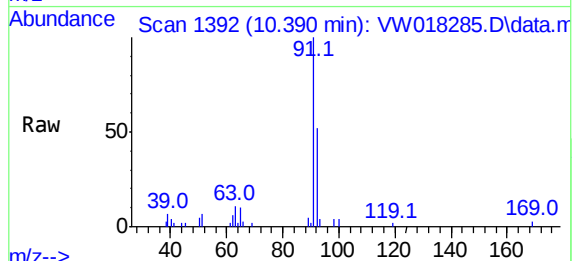
BG571

Tgt Ion: 91 Resp: 6671

Ion Ratio Lower Upper

91 100

92 51.7 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 0.44 ug/L

RT: 10.579 min Scan# 1423

Delta R.T. -0.025 min

Lab File: VW018285.D

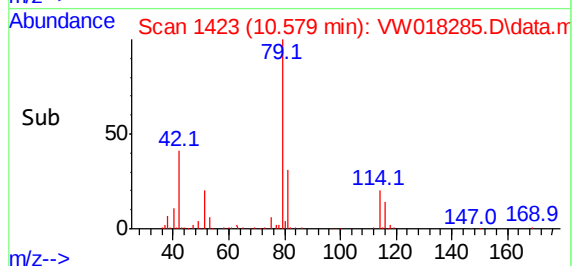
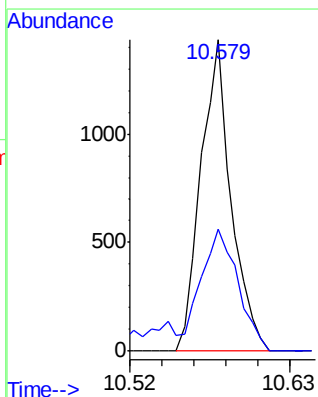
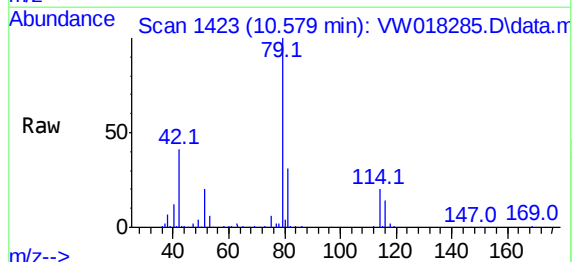
Acq: 10 Mar 2021 14:05

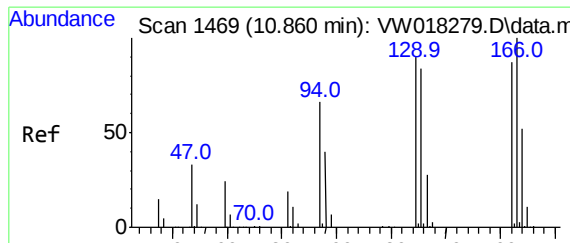
Tgt Ion: 75 Resp: 2168

Ion Ratio Lower Upper

75 100

77 39.0 22.6 42.0

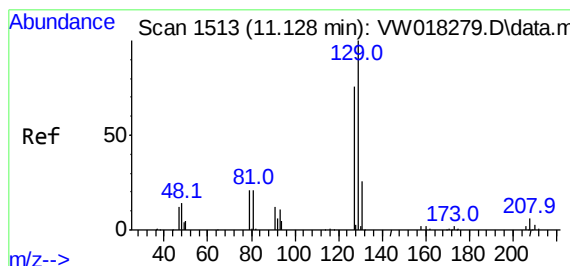
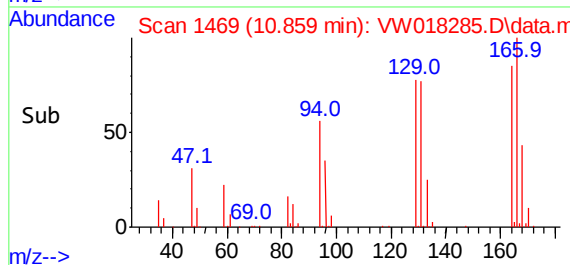
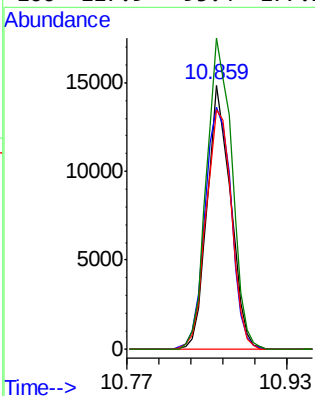
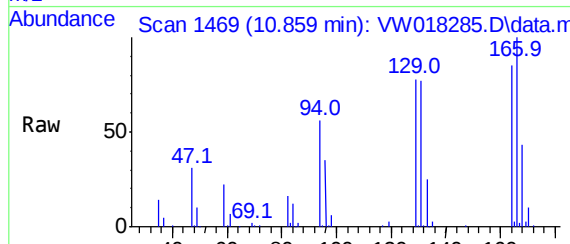




#47
Tetrachloroethene
Concen: 7.64 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

Instrument :
MSVOA_W
ClientSampled :
BG571

Tgt Ion:164 Resp: 23708
Ion Ratio Lower Upper
164 100
129 91.6 68.8 127.8
131 90.5 68.3 126.8
166 117.9 95.4 177.2



#50
Dibromochloromethane
Concen: 7.32 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

Tgt Ion:129 Resp: 24293
Ion Ratio Lower Upper
129 100
127 0.0 58.0 107.6#

