

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018519.D
 Acq On : 31 Mar 2021 17:58
 Operator : SY/VA
 Sample : M1859-12
 Misc : 5.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG551

Quant Time: Apr 01 02:07:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

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

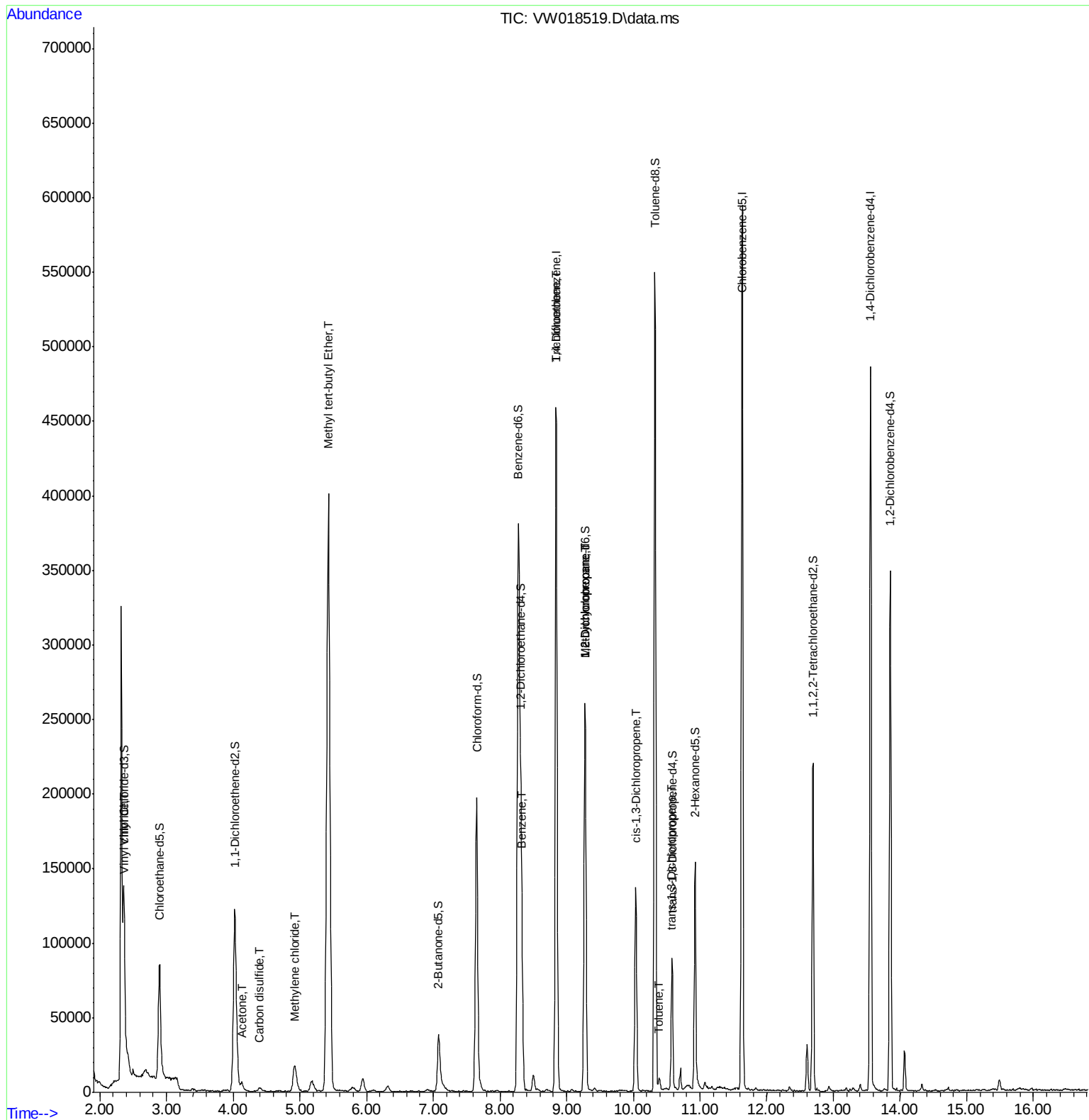
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	386174	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	317023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	122581	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	134610	25.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.20%			
7) Chloroethane-d5	2.891	69	103216	21.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.76%			
10) 1,1-Dichloroethene-d2	4.025	63	136676	14.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.92%			
20) 2-Butanone-d5	7.080	46	63155	52.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.58%			
24) Chloroform-d	7.653	84	195394	19.87	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.48%			
26) 1,2-Dichloroethane-d4	8.311	65	125640	21.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.52%			
29) Benzene-d6	8.275	84	390303	23.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.64%			
33) 1,2-Dichloropropane-d6	9.274	67	115034	23.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.64%			
37) Toluene-d8	10.323	98	355690	21.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.68%			
38) trans-1,3-Dichloroprop...	10.579	79	46849	18.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.76%			
39) 2-Hexanone-d5	10.927	63	49863	52.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.82%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	106609	24.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.08%			
61) 1,2-Dichlorobenzene-d4	13.853	152	85646	19.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 78.60%			
Target Compounds						
5) Vinyl chloride	2.367	62	1882	0.26	ug/L #	1
13) Acetone	4.135	43	9389	10.92	ug/L	99
14) Carbon disulfide	4.397	76	4478	0.31	ug/L	96
16) Methylene chloride	4.922	84	15618	2.47	ug/L	92
17) Methyl tert-butyl Ether	5.428	73	662548	93.55	ug/L	99
34) Benzene	8.330	78	86963	4.74	ug/L	100
35) Trichloroethene	8.842	95	12232	2.41	ug/L #	6
36) Methylcyclohexane	9.274	83	29798	3.35	ug/L #	20
40) 1,2-Dichloropropane	9.274	63	14531	3.24	ug/L #	85
42) cis-1,3-Dichloropropene	10.037	75	4122	0.54	ug/L	98
44) Toluene	10.384	91	5608	0.27	ug/L	86
45) trans-1,3-Dichloropropene	10.573	75	2490	0.37	ug/L #	82

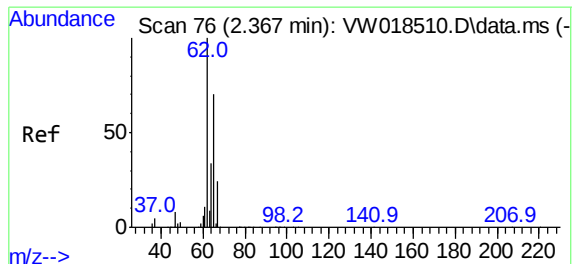
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.48G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Apr 01 02:07:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 01 02:04:50 2021
Response via : Initial Calibration

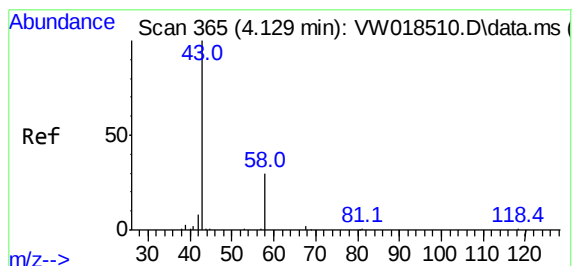
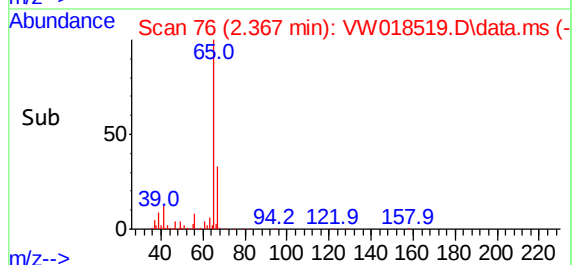
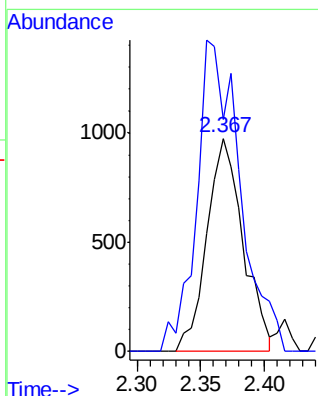
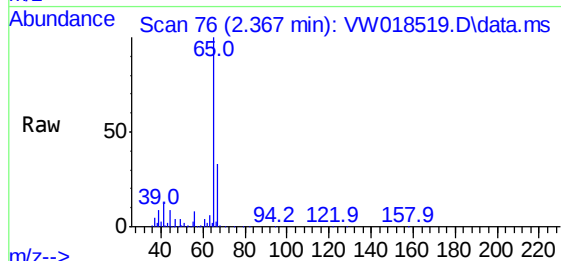




#5
 Vinyl chloride
 Concen: 0.26 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018519.D
 Acq: 31 Mar 2021 17:58

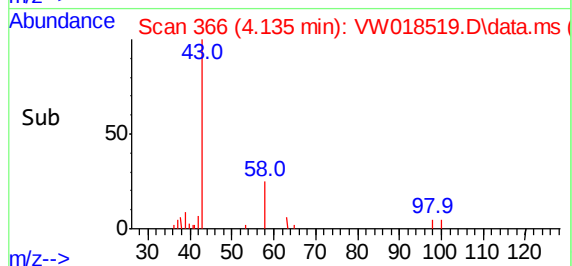
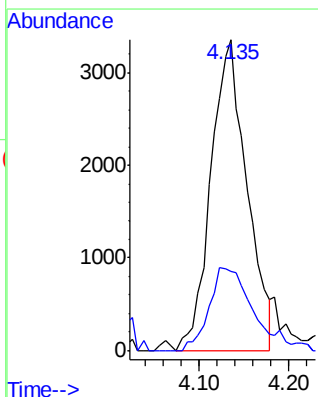
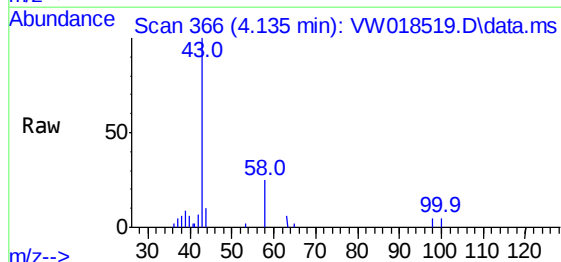
Instrument :
 MSVOA_W
 ClientSampled :
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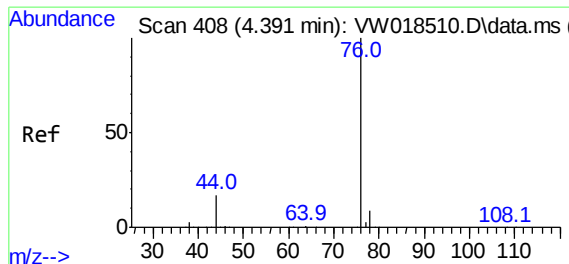
Tgt Ion: 62 Resp: 1882
 Ion Ratio Lower Upper
 62 100
 64 108.6 23.5 43.7#



#13
 Acetone
 Concen: 10.92 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. 0.006 min
 Lab File: VW018519.D
 Acq: 31 Mar 2021 17:58

Tgt Ion: 43 Resp: 9389
 Ion Ratio Lower Upper
 43 100
 58 30.4 0.0 62.2

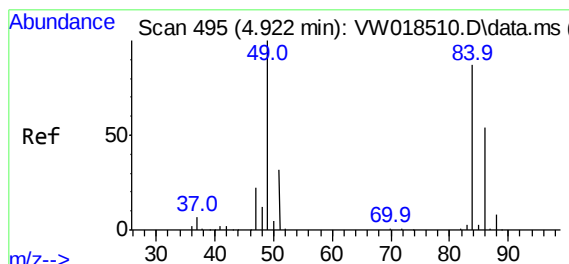
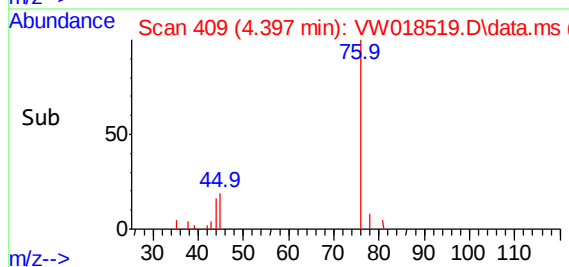
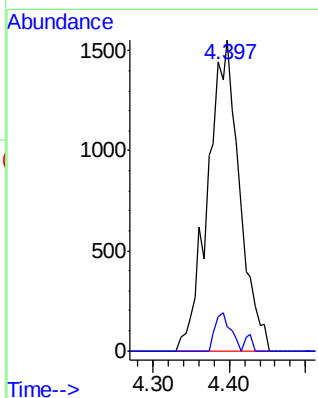
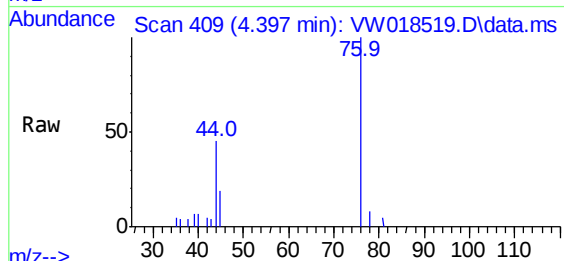




#14
Carbon disulfide
Concen: 0.31 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW018519.D
Acq: 31 Mar 2021 17:58

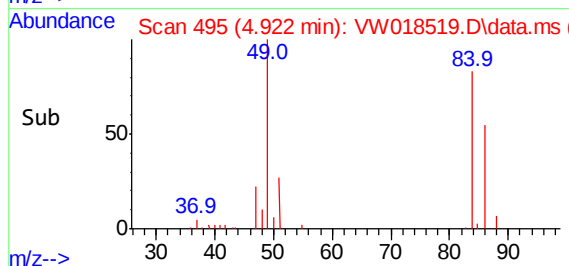
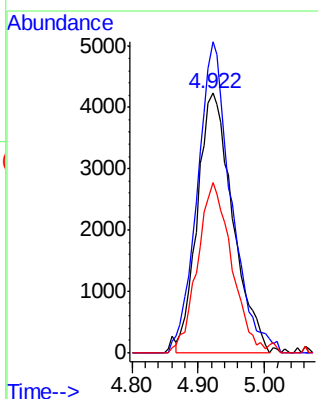
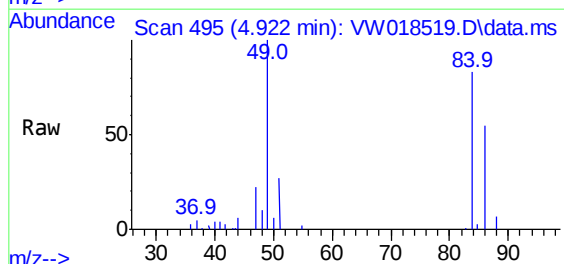
Instrument :
MSVOA_W
ClientSampled :
BG551

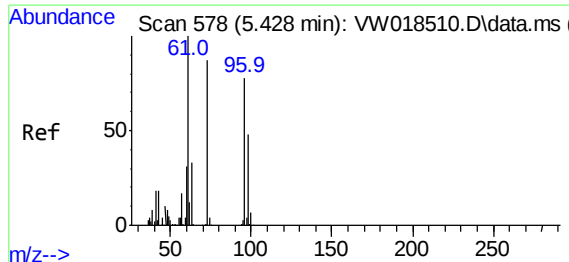
Tgt Ion: 76 Resp: 4478
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2



#16
Methylene chloride
Concen: 2.47 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018519.D
Acq: 31 Mar 2021 17:58

Tgt Ion: 84 Resp: 15618
Ion Ratio Lower Upper
84 100
49 119.8 74.4 138.2
86 65.5 46.1 85.7



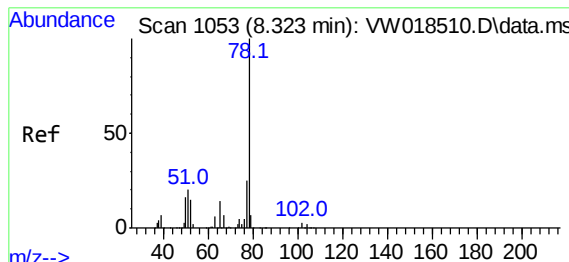
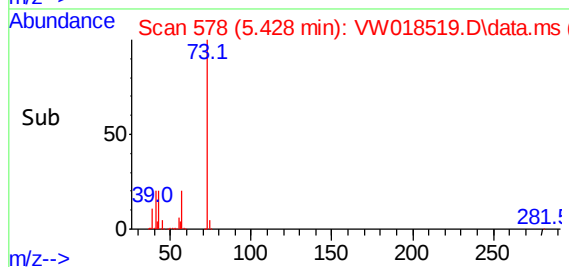
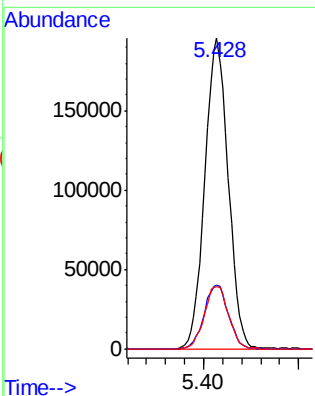
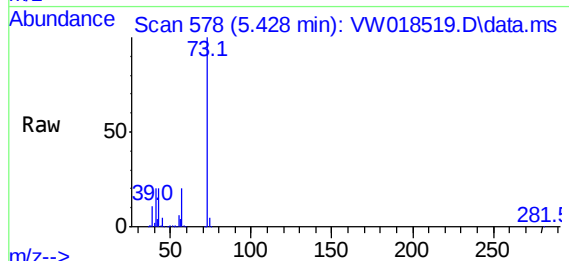


#17
Methyl tert-butyl Ether
Concen: 93.55 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018519.D
Acq: 31 Mar 2021 17:58

Instrument :
MSVOA_W
ClientSampleId :
BG551

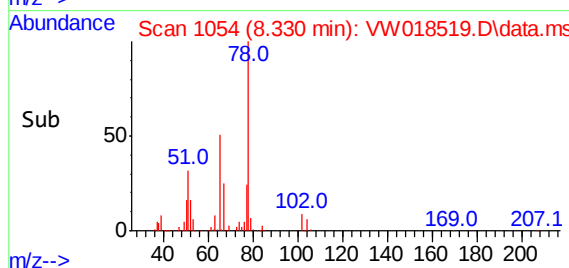
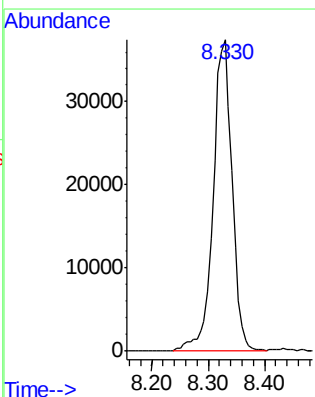
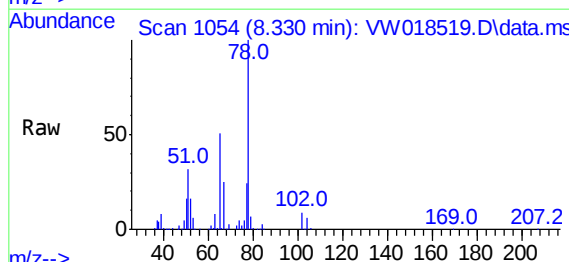
Tgt Ion: 73 Resp: 662548

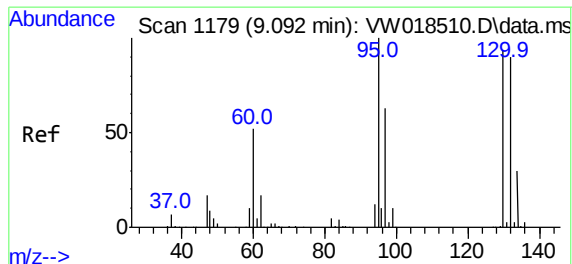
Ion	Ratio	Lower	Upper
73	100		
43	21.2	16.6	24.8
57	20.7	15.9	23.9



#34
Benzene
Concen: 4.74 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018519.D
Acq: 31 Mar 2021 17:58

Tgt Ion: 78 Resp: 86963

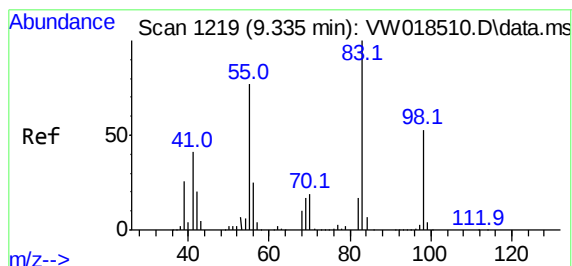
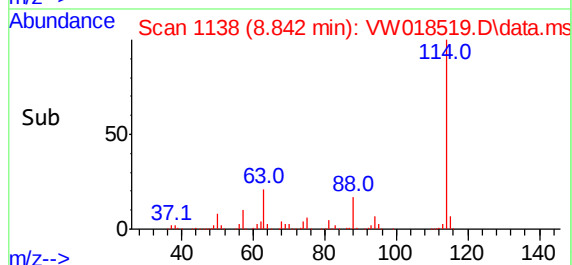
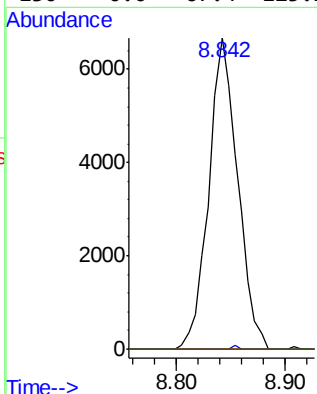
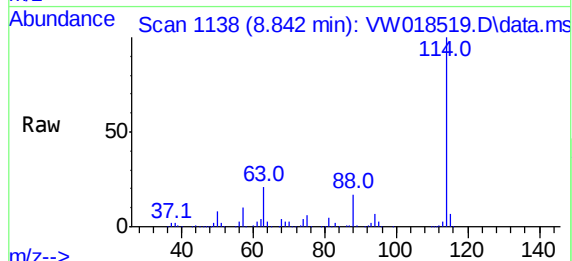




#35
Trichloroethene
Concen: 2.41 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018519.D
Acq: 31 Mar 2021 17:58

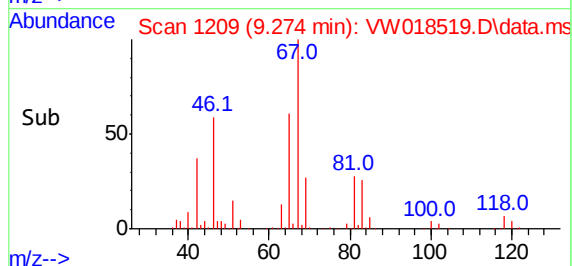
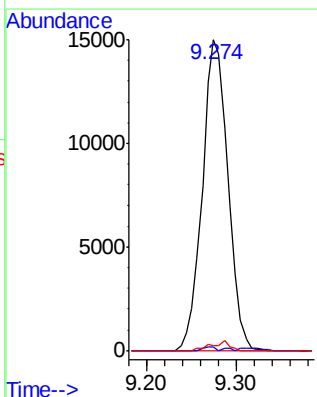
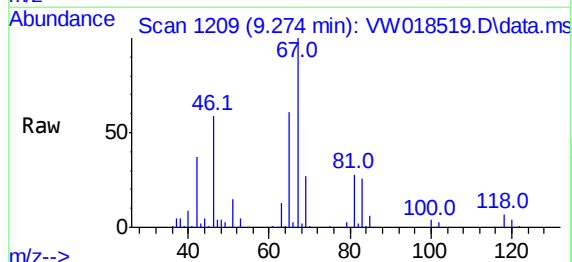
Instrument :
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ClientSampleId :
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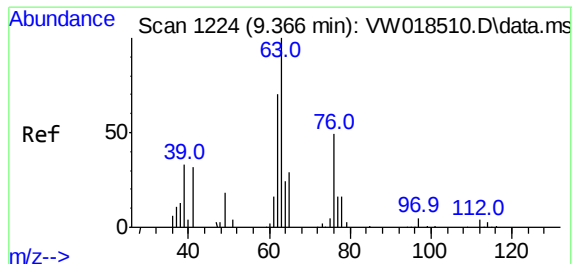
Tgt Ion: 95 Resp: 12232
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.9 122.5#
130 0.0 67.4 125.2#



#36
Methylcyclohexane
Concen: 3.35 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018519.D
Acq: 31 Mar 2021 17:58

Tgt Ion: 83 Resp: 29798
Ion Ratio Lower Upper
83 100
55 0.6 56.8 85.2#
98 0.9 40.6 61.0#

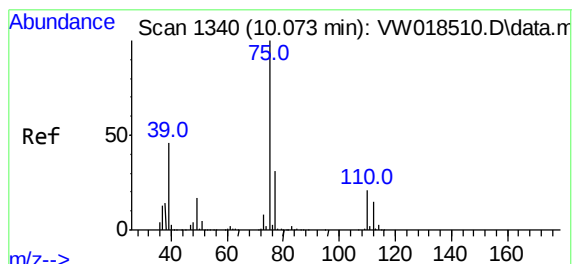
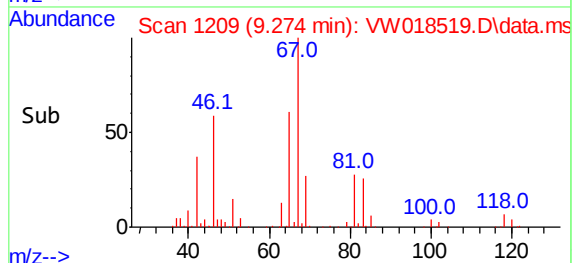
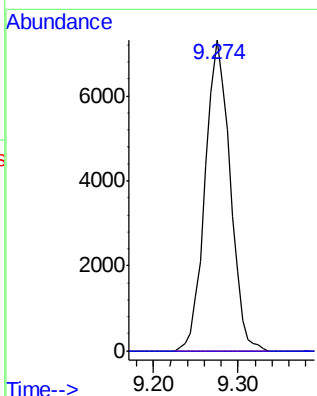
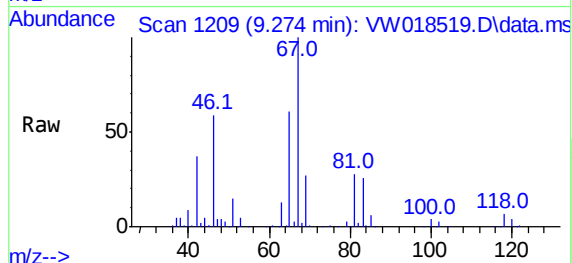




#40
1,2-Dichloropropane
Concen: 3.24 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018519.D
Acq: 31 Mar 2021 17:58

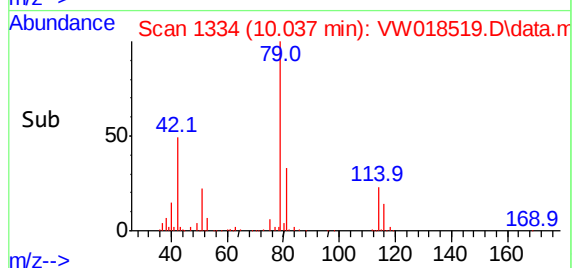
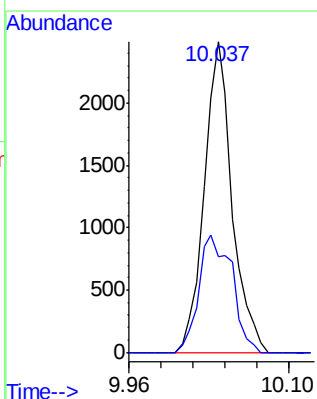
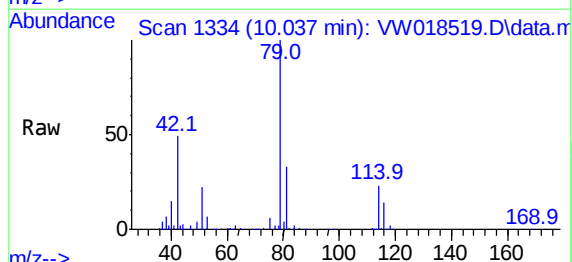
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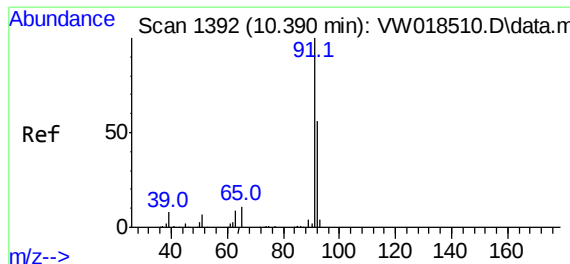
Tgt Ion: 63 Resp: 14531
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.54 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018519.D
Acq: 31 Mar 2021 17:58

Tgt Ion: 75 Resp: 4122
Ion Ratio Lower Upper
75 100
77 31.0 22.4 41.6





#44

Toluene

Concen: 0.27 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW018519.D

Acq: 31 Mar 2021 17:58

Tgt Ion: 91 Resp: 5608

Ion Ratio Lower Upper

91 100

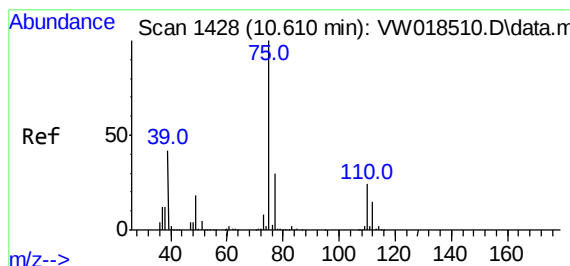
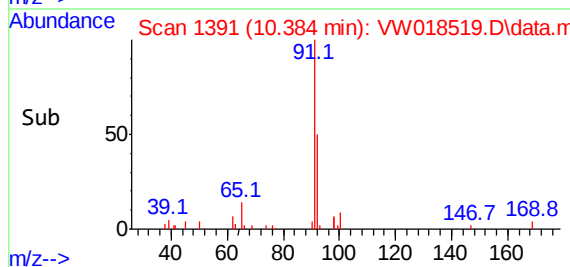
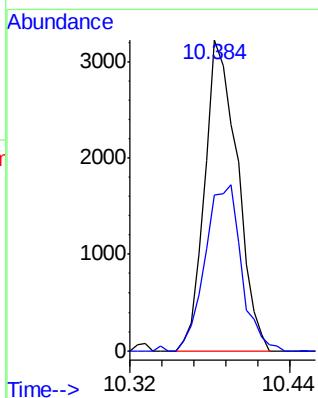
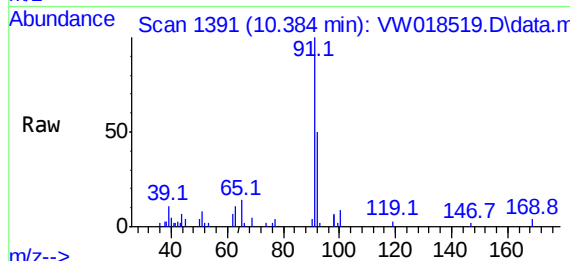
92 50.1 42.3 78.5

Instrument :

MSVOA_W

ClientSampled :

BG551



#45

trans-1,3-Dichloropropene

Concen: 0.37 ug/L

RT: 10.573 min Scan# 1422

Delta R.T. -0.037 min

Lab File: VW018519.D

Acq: 31 Mar 2021 17:58

Tgt Ion: 75 Resp: 2490

Ion Ratio Lower Upper

75 100

77 42.6 22.6 42.0#

