

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018521.D
 Acq On : 31 Mar 2021 18:46
 Operator : SY/VA
 Sample : M1859-14
 Misc : 5.93G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG553

Quant Time: Apr 01 02:08:09 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)

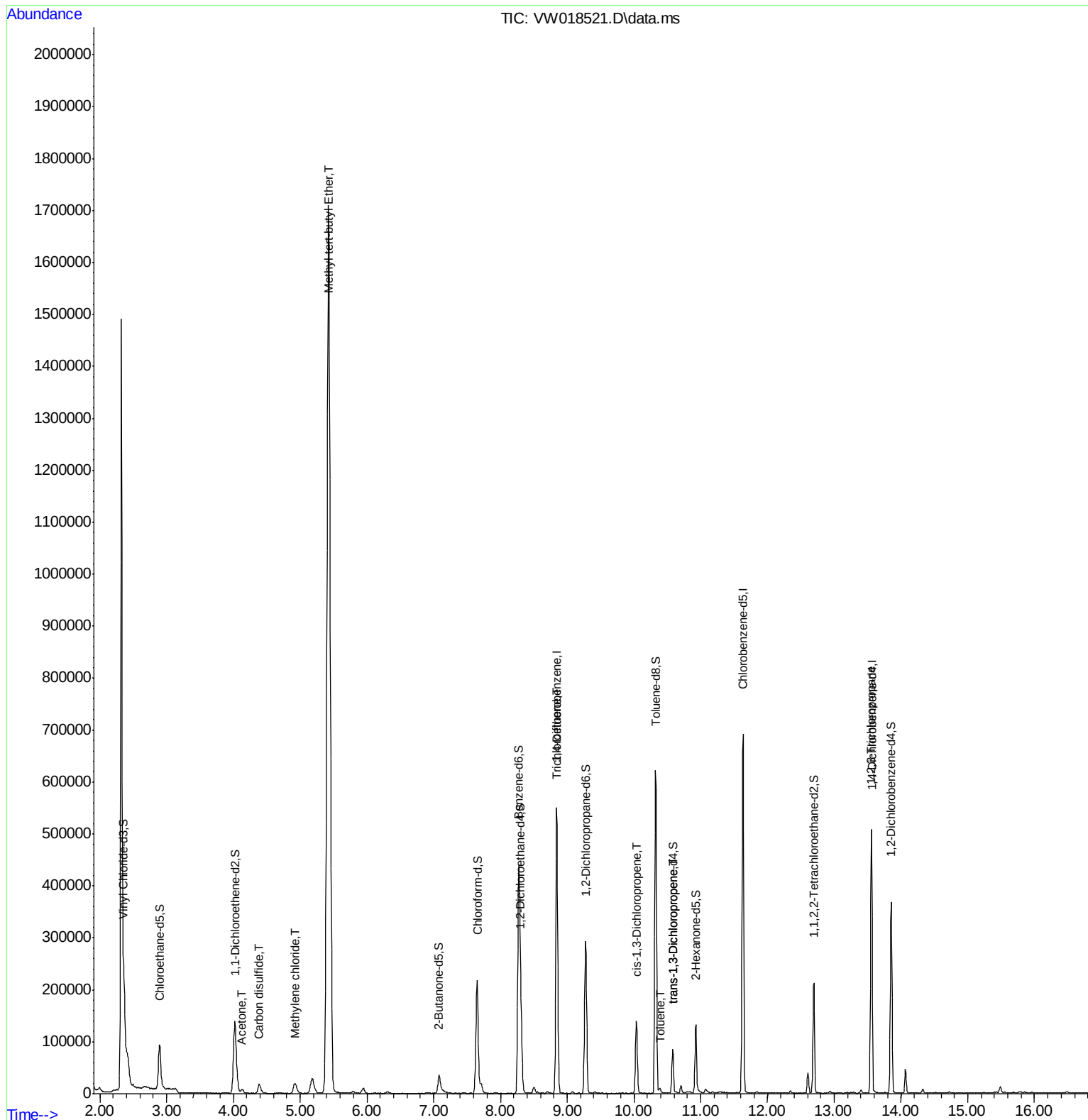
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	454262	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	366684	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	129619	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151200	23.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.68%		
7) Chloroethane-d5	2.898	69	118668	21.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.80%		
10) 1,1-Dichloroethene-d2	4.019	63	155616	14.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.04%		
20) 2-Butanone-d5	7.080	46	59053	41.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.92%		
24) Chloroform-d	7.653	84	220810	19.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.32%		
26) 1,2-Dichloroethane-d4	8.305	65	136061	20.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.56%		
29) Benzene-d6	8.275	84	442201	22.68	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.72%		
33) 1,2-Dichloropropane-d6	9.275	67	127059	22.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.40%		
37) Toluene-d8	10.323	98	403578	21.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.00%		
38) trans-1,3-Dichloroprop...	10.579	79	44986	15.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.04%		
39) 2-Hexanone-d5	10.927	63	46602	42.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.70%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	100176	19.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.68%		
61) 1,2-Dichlorobenzene-d4	13.853	152	92461	20.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.24%		
Target Compounds						
13) Acetone	4.123	43	12206	12.07	ug/L	88
14) Carbon disulfide	4.385	76	38829	2.26	ug/L	99
16) Methylene chloride	4.922	84	17045	2.29	ug/L	91
17) Methyl tert-butyl Ether	5.422	73	2895381	347.56	ug/L	99
35) Trichloroethene	8.848	95	14090	2.40	ug/L #	6
42) cis-1,3-Dichloropropene	10.037	75	3920	0.45	ug/L #	83
44) Toluene	10.390	91	6806	0.28	ug/L	89
45) trans-1,3-Dichloropropene	10.579	75	2436	0.31	ug/L	93
59) 1,2,3-Trichloropropane	13.554	75	17079	4.51	ug/L	89

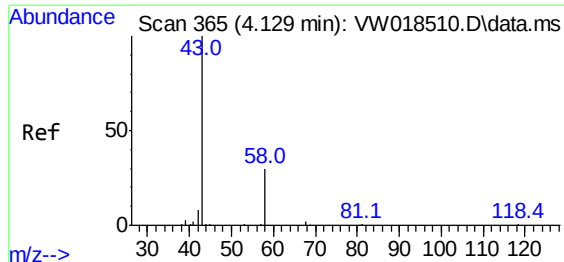
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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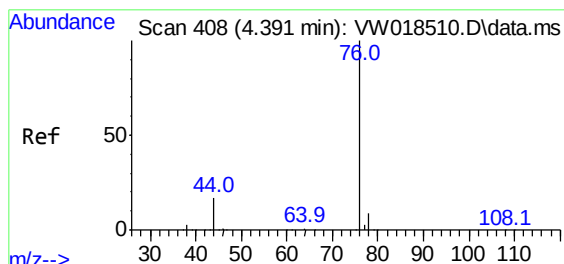
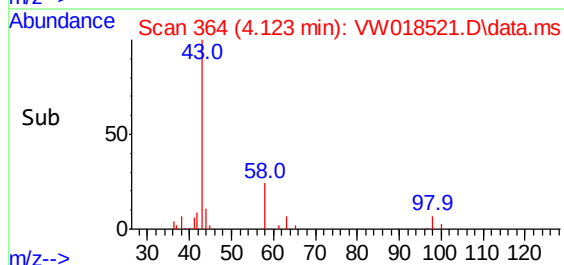
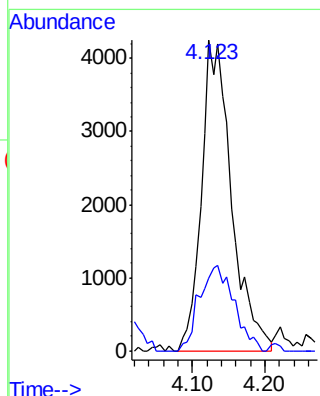
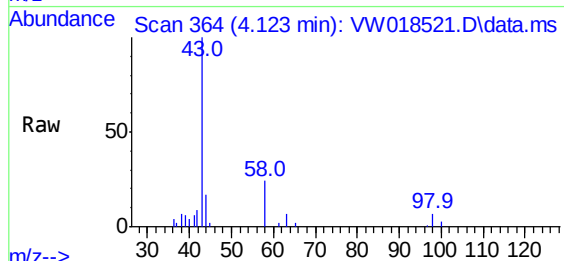




#13
Acetone
Concen: 12.07 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW018521.D
Acq: 31 Mar 2021 18:46

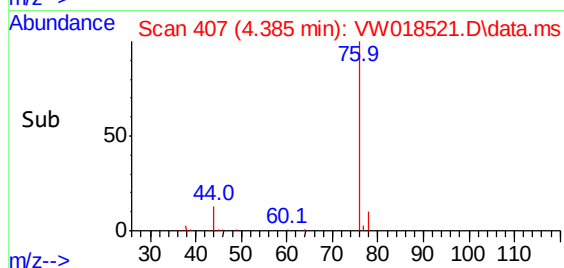
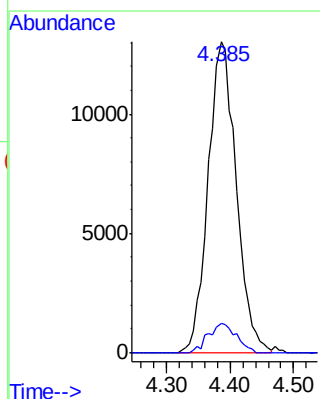
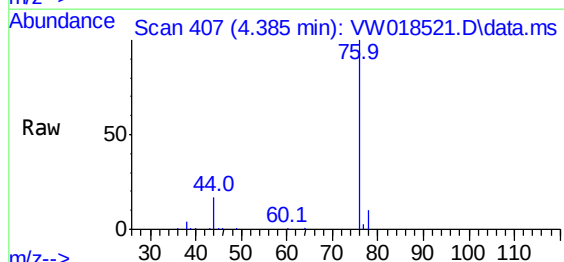
Instrument :
MSVOA_W
ClientSampleId :
BG553

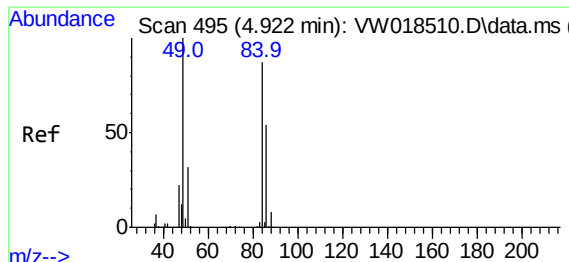
Tgt Ion: 43 Resp: 12206
Ion Ratio Lower Upper
43 100
58 24.7 0.0 62.2



#14
Carbon disulfide
Concen: 2.26 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018521.D
Acq: 31 Mar 2021 18:46

Tgt Ion: 76 Resp: 38829
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



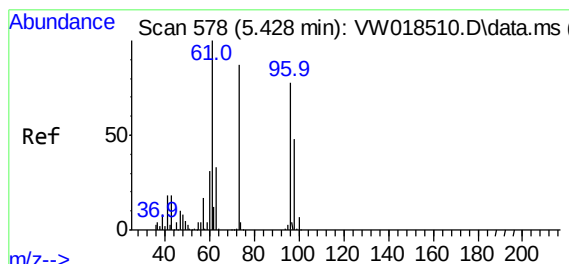
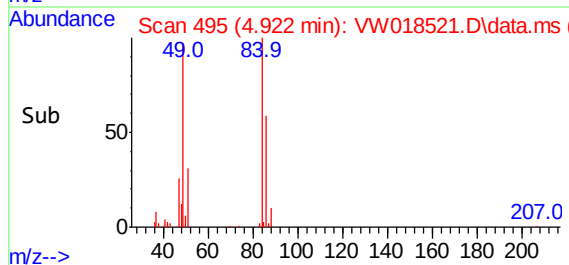
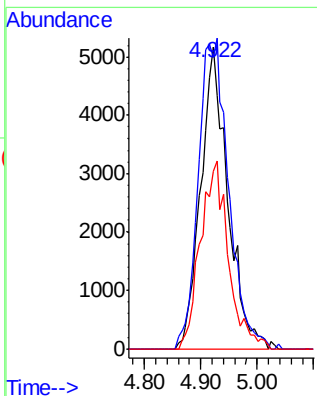
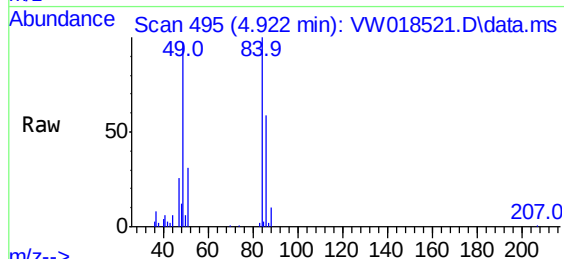


#16
Methylene chloride
Concen: 2.29 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018521.D
Acq: 31 Mar 2021 18:46

Instrument :
MSVOA_W
ClientSampleId :
BG553

Tgt Ion: 84 Resp: 17045

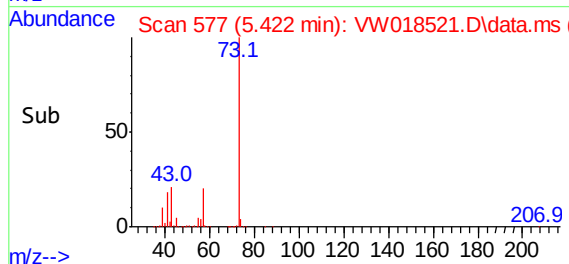
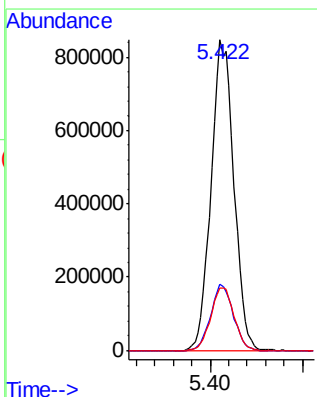
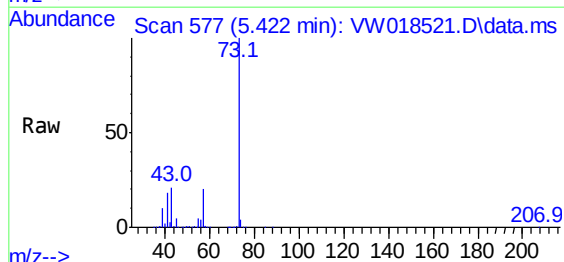
Ion	Ratio	Lower	Upper
84	100		
49	96.7	74.4	138.2
86	58.7	46.1	85.7

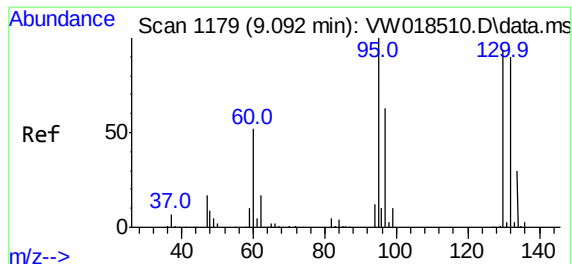


#17
Methyl tert-butyl Ether
Concen: 347.56 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018521.D
Acq: 31 Mar 2021 18:46

Tgt Ion: 73 Resp: 2895381

Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.6	24.8
57	20.6	15.9	23.9

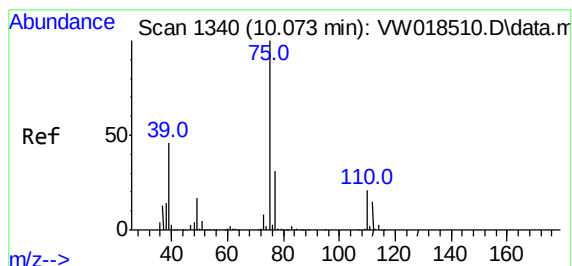
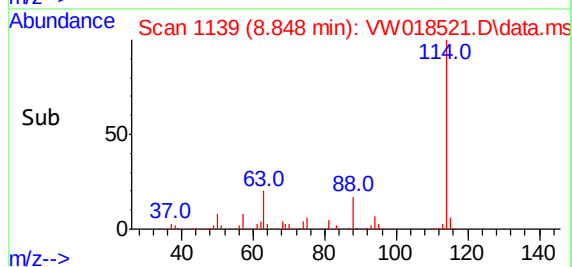
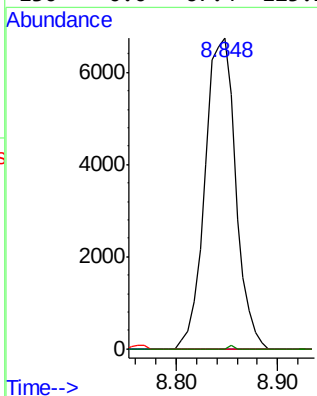
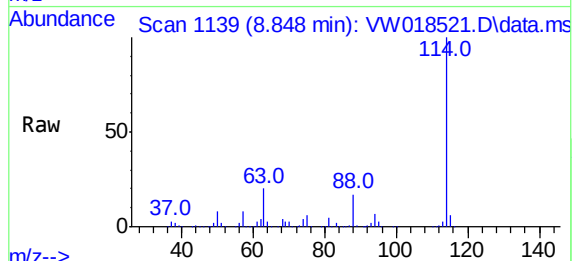




#35
Trichloroethene
Concen: 2.40 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018521.D
Acq: 31 Mar 2021 18:46

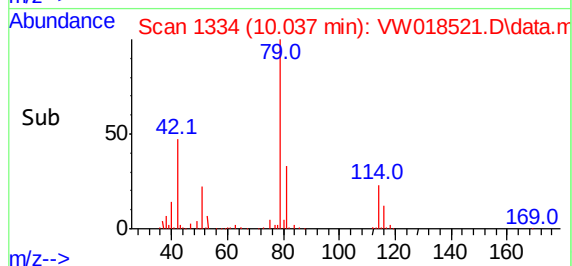
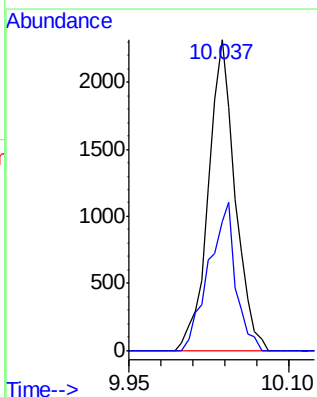
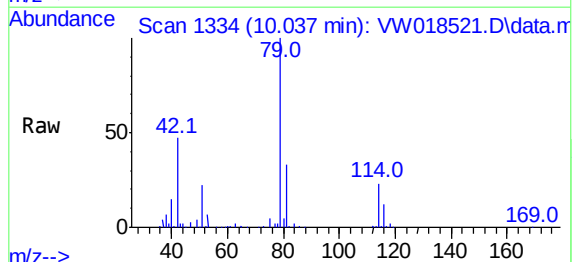
Instrument :
MSVOA_W
ClientSampleId :
BG553

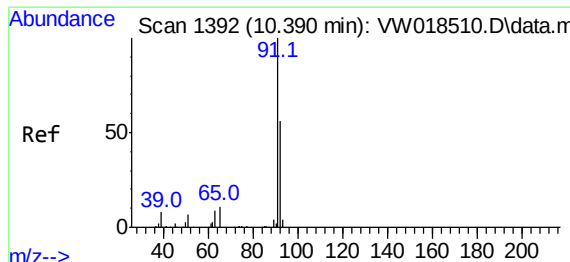
Tgt Ion: 95 Resp: 14090
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.9 122.5#
130 0.0 67.4 125.2#



#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018521.D
Acq: 31 Mar 2021 18:46

Tgt Ion: 75 Resp: 3920
Ion Ratio Lower Upper
75 100
77 41.6 22.4 41.6#





#44

Toluene

Concen: 0.28 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018521.D

Acq: 31 Mar 2021 18:46

Instrument :

MSVOA_W

ClientSampled :

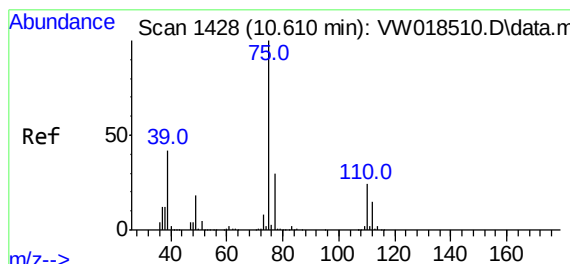
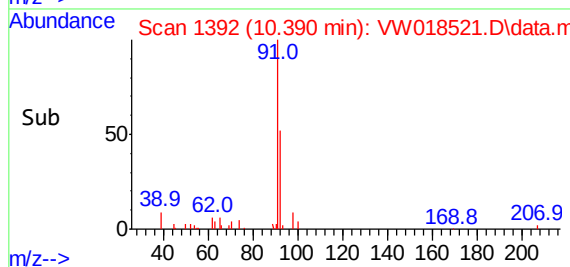
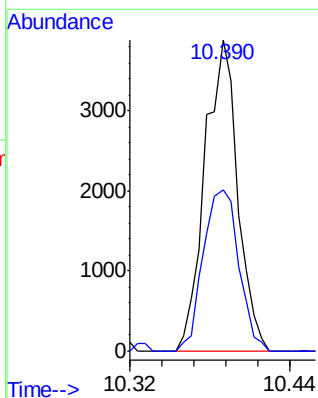
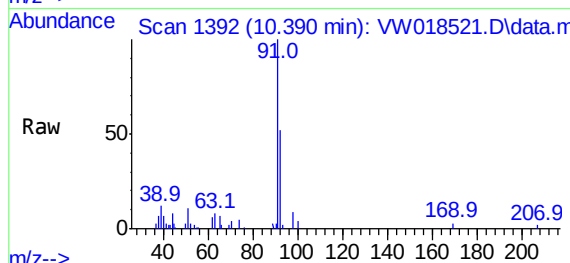
BG553

Tgt Ion: 91 Resp: 6806

Ion Ratio Lower Upper

91 100

92 52.0 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 0.31 ug/L

RT: 10.579 min Scan# 1423

Delta R.T. -0.030 min

Lab File: VW018521.D

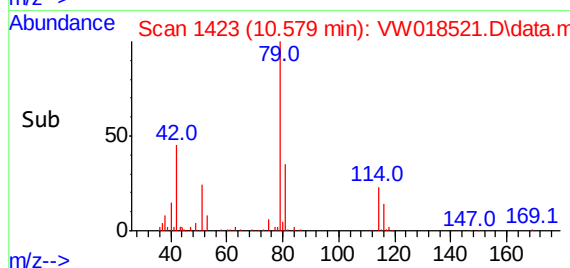
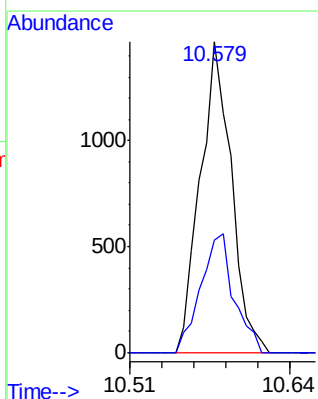
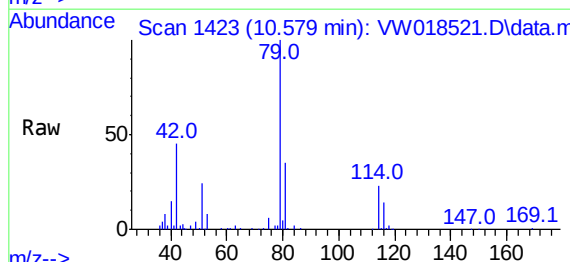
Acq: 31 Mar 2021 18:46

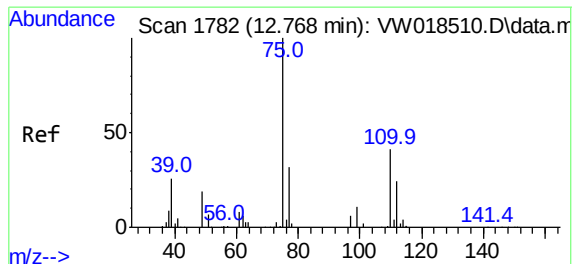
Tgt Ion: 75 Resp: 2436

Ion Ratio Lower Upper

75 100

77 36.3 22.6 42.0





#59
1,2,3-Trichloropropane
Concen: 4.51 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018521.D
Acq: 31 Mar 2021 18:46

Instrument :
MSVOA_W
ClientSampleId :
BG553

Tgt Ion: 75 Resp: 17079
Ion Ratio Lower Upper
75 100
77 38.3 25.6 38.4

