

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018523.D
 Acq On : 31 Mar 2021 19:34
 Operator : SY/VA
 Sample : M1859-16
 Misc : 5.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG578

Quant Time: Apr 01 02:08:46 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)

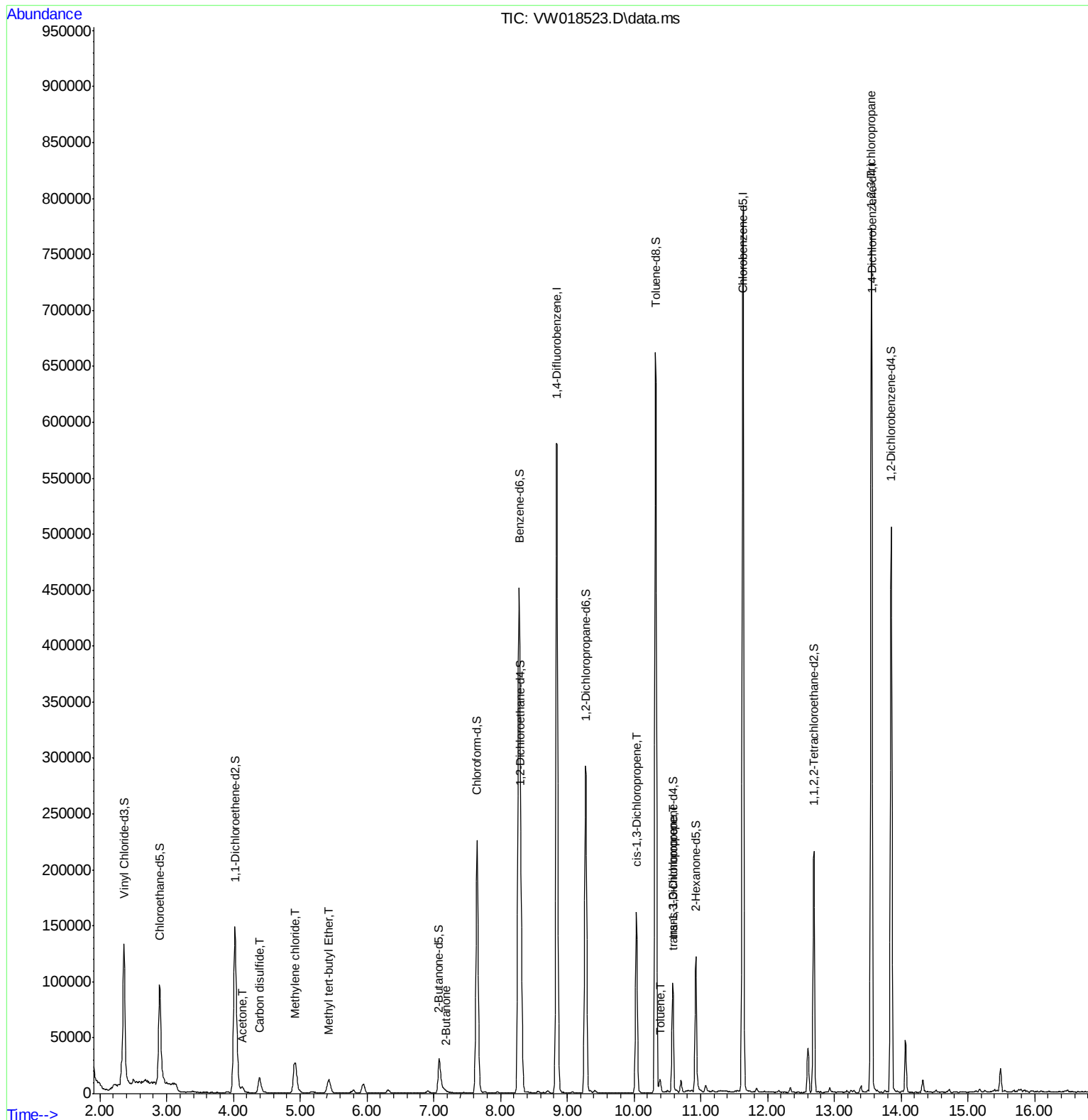
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	483001	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	427439	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	197465	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	153440	22.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.32%		
7) Chloroethane-d5	2.891	69	121397	20.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.52%		
10) 1,1-Dichloroethene-d2	4.025	63	165969	14.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.20%		
20) 2-Butanone-d5	7.080	46	52209	34.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.78%		
24) Chloroform-d	7.647	84	227179	18.47	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.88%		
26) 1,2-Dichloroethane-d4	8.305	65	136824	19.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.20%		
29) Benzene-d6	8.281	84	458318	20.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.68%		
33) 1,2-Dichloropropane-d6	9.274	67	129123	19.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	78.80%		
37) Toluene-d8	10.323	98	433082	19.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.16%		
38) trans-1,3-Dichloroprop...	10.579	79	52538	15.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.16%		
39) 2-Hexanone-d5	10.926	63	41345	32.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.46%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	102130	17.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	69.68%		
61) 1,2-Dichlorobenzene-d4	13.853	152	123690	17.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	70.48%#		
Target Compounds						
13) Acetone	4.141	43	8640	8.04	ug/L	74
14) Carbon disulfide	4.391	76	29604	1.62	ug/L	96
16) Methylene chloride	4.928	84	24783	3.13	ug/L	88
17) Methyl tert-butyl Ether	5.434	73	18908	2.13	ug/L #	86
21) 2-Butanone	7.177	43	1336	0.78	ug/L	90
42) cis-1,3-Dichloropropene	10.036	75	4806	0.47	ug/L	85
44) Toluene	10.390	91	7141	0.25	ug/L	98
45) trans-1,3-Dichloropropene	10.585	75	2642	0.29	ug/L	98
59) 1,2,3-Trichloropropane	13.554	75	24496	5.55	ug/L	93

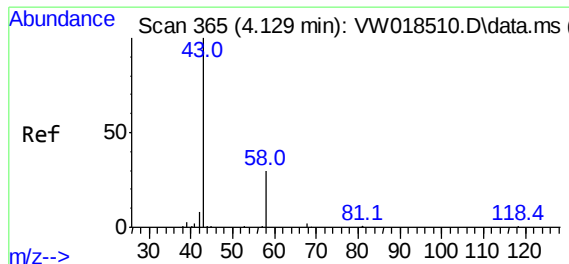
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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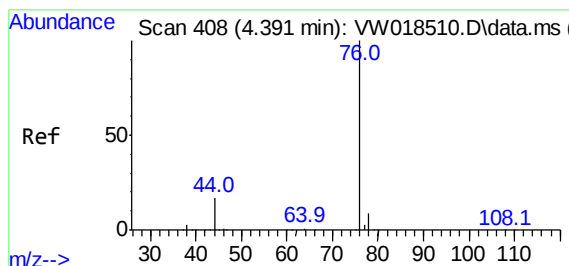
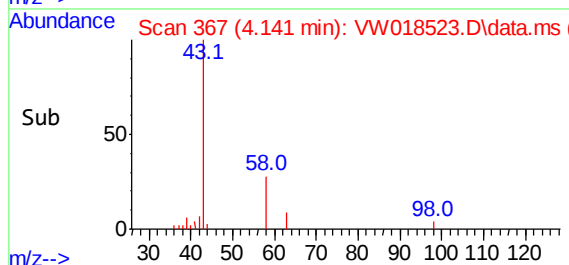
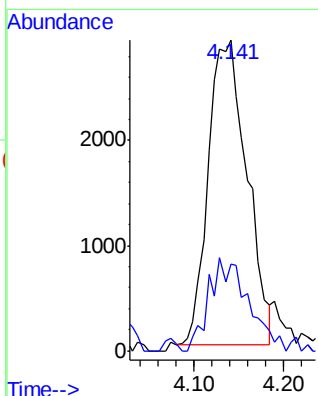
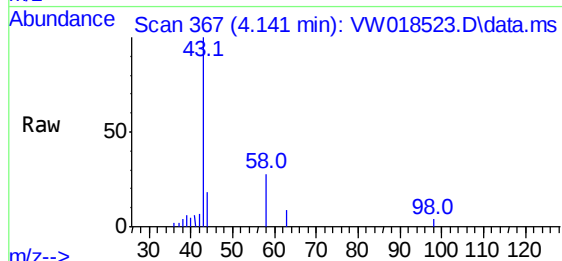




#13
Acetone
Concen: 8.04 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

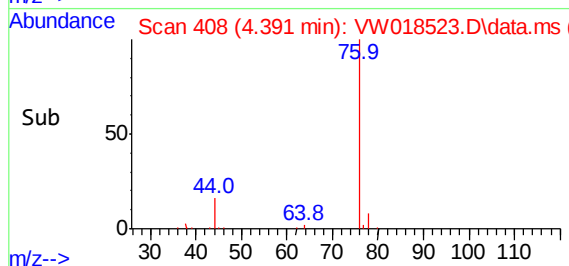
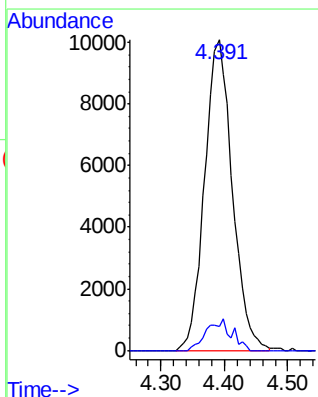
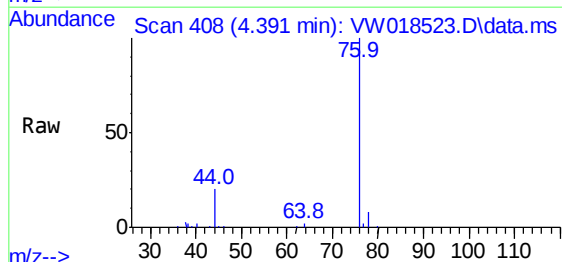
Instrument :
MSVOA_W
ClientSampled :
BG578

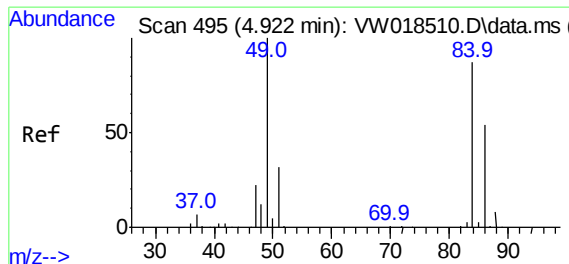
Tgt Ion: 43 Resp: 8640
Ion Ratio Lower Upper
43 100
58 16.9 0.0 62.2



#14
Carbon disulfide
Concen: 1.62 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

Tgt Ion: 76 Resp: 29604
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.2



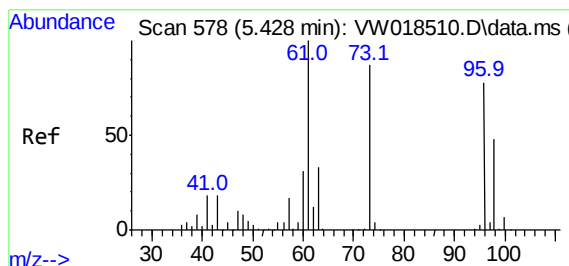
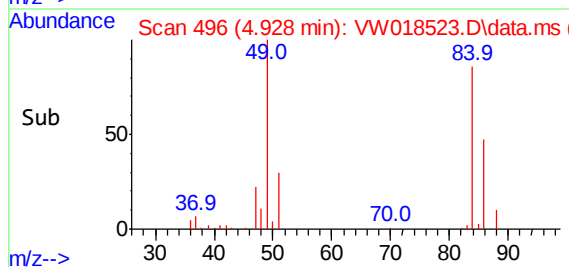
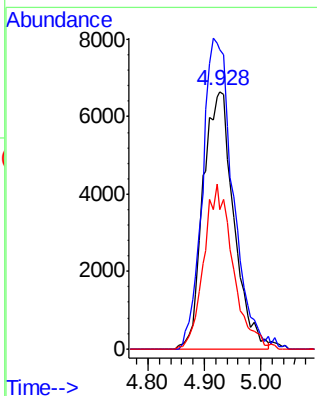
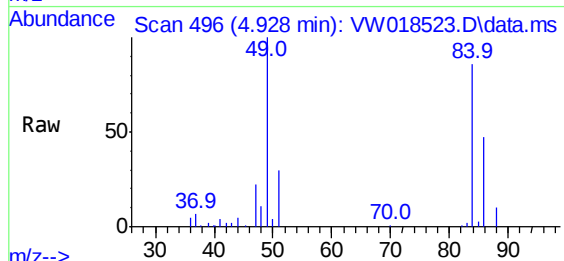


#16
Methylene chloride
Concen: 3.13 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

Instrument :
MSVOA_W
ClientSampleId :
BG578

Tgt Ion: 84 Resp: 24783

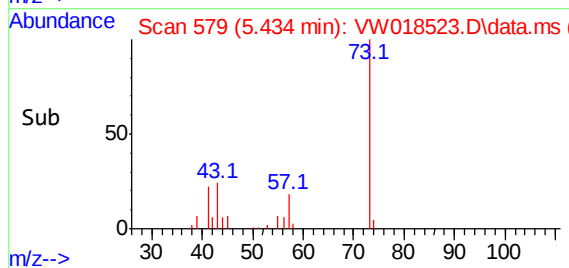
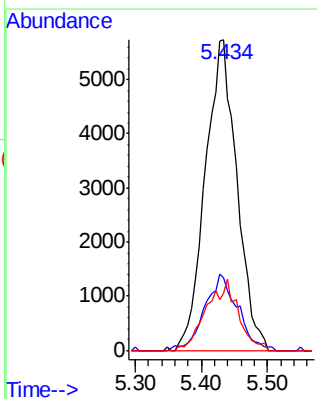
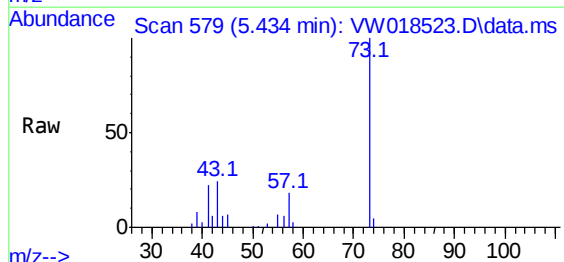
Ion	Ratio	Lower	Upper
84	100		
49	116.3	74.4	138.2
86	54.3	46.1	85.7

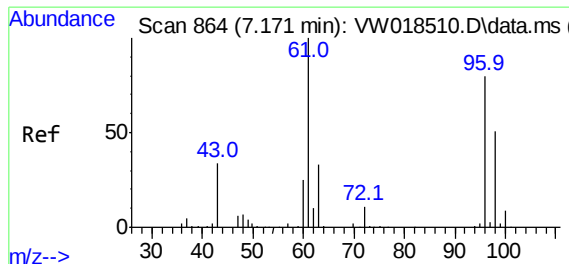


#17
Methyl tert-butyl Ether
Concen: 2.13 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

Tgt Ion: 73 Resp: 18908

Ion	Ratio	Lower	Upper
73	100		
43	25.0	16.6	24.8#
57	11.4	15.9	23.9#

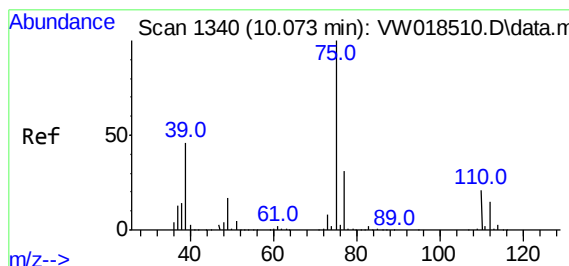
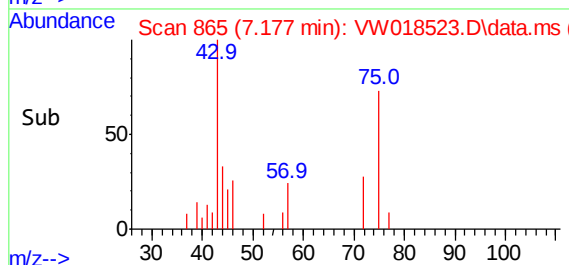
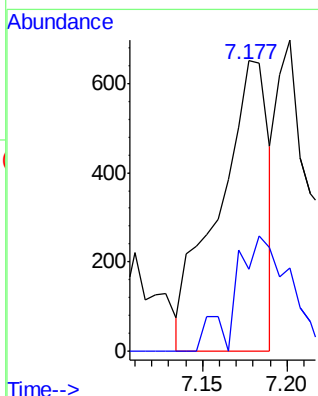
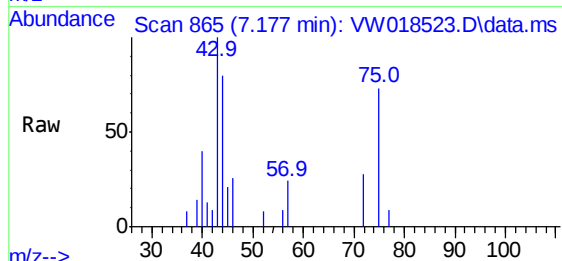




#21
2-Butanone
Concen: 0.78 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

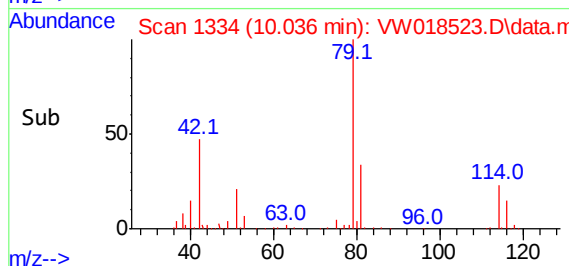
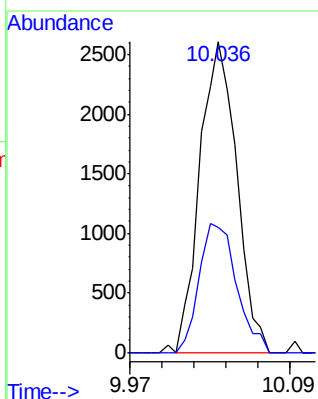
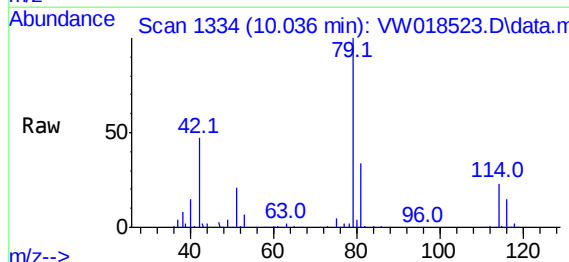
Instrument :
MSVOA_W
ClientSampleId :
BG578

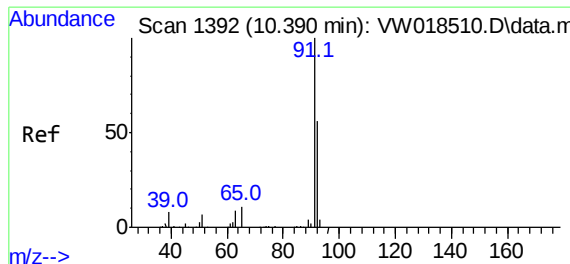
Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
72 38.6 16.5 49.5



#42
cis-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

Tgt Ion: 75 Resp: 4806
Ion Ratio Lower Upper
75 100
77 40.4 22.4 41.6

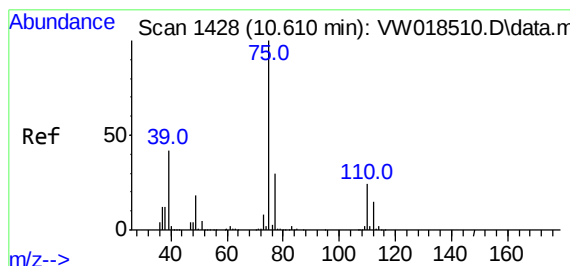
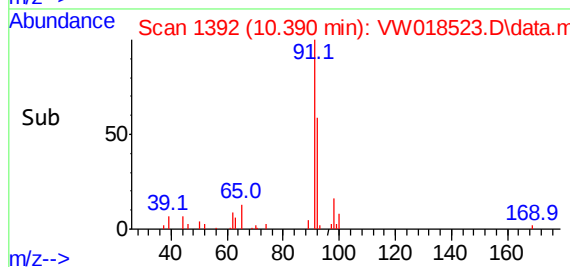
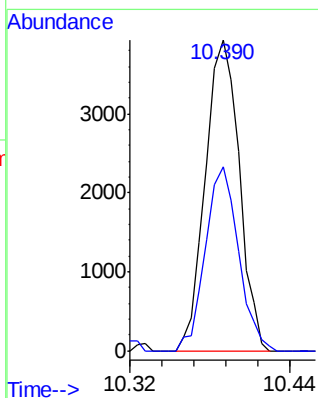
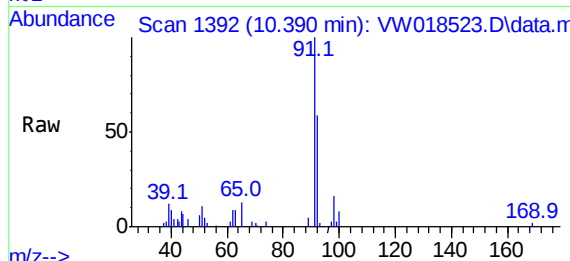




#44
Toluene
Concen: 0.25 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

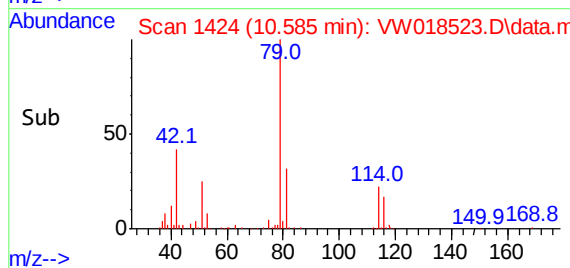
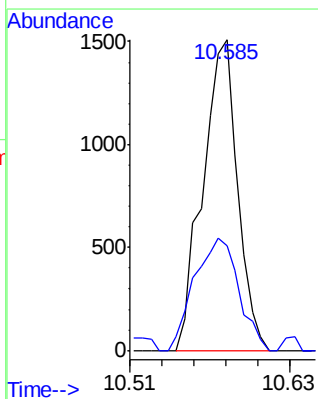
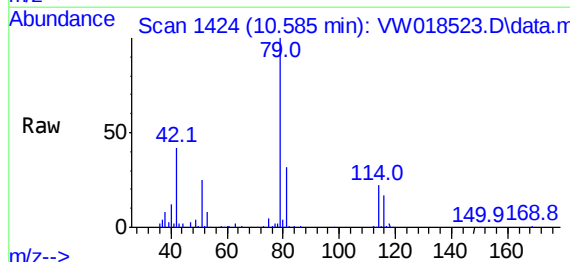
Instrument :
MSVOA_W
ClientSampled :
BG578

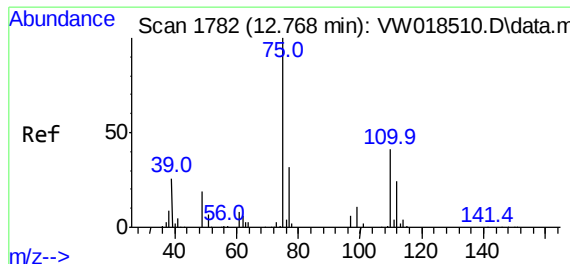
Tgt Ion: 91 Resp: 7141
Ion Ratio Lower Upper
91 100
92 59.2 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.29 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.025 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

Tgt Ion: 75 Resp: 2642
Ion Ratio Lower Upper
75 100
77 33.7 22.6 42.0





#59
1,2,3-Trichloropropane
Concen: 5.55 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018523.D
Acq: 31 Mar 2021 19:34

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 75 Resp: 24496
Ion Ratio Lower Upper
75 100
77 36.0 25.6 38.4

