

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018514.D
 Acq On : 31 Mar 2021 15:59
 Operator : SY/VA
 Sample : M1859-07
 Misc : 5.85G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG546

Quant Time: Apr 01 02:06:06 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)

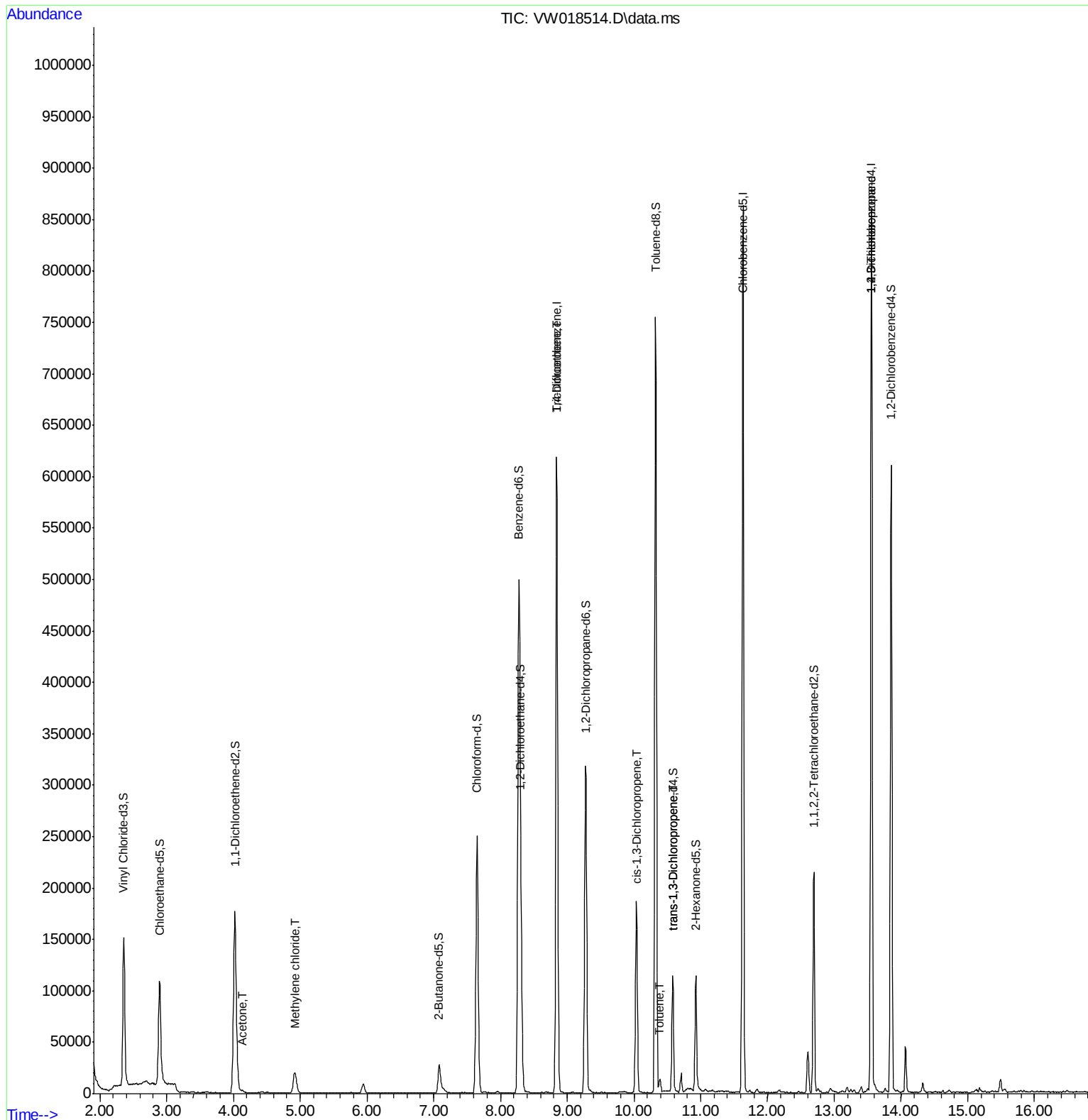
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	507187	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	456302	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	213476	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	171146	24.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.00%		
7) Chloroethane-d5	2.891	69	136333	22.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.28%		
10) 1,1-Dichloroethene-d2	4.019	63	190545	15.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.56%		
20) 2-Butanone-d5	7.080	46	46504	29.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.20%		
24) Chloroform-d	7.647	84	251065	19.43	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.72%		
26) 1,2-Dichloroethane-d4	8.305	65	141575	18.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.08%		
29) Benzene-d6	8.275	84	511793	21.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.40%		
33) 1,2-Dichloropropane-d6	9.281	67	141767	20.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.04%		
37) Toluene-d8	10.323	98	496652	21.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.04%		
38) trans-1,3-Dichloroprop...	10.579	79	59751	16.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.24%		
39) 2-Hexanone-d5	10.927	63	37901	27.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	55.36%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	100215	16.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	64.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	145044	19.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.44%		
Target Compounds						
13) Acetone	4.141	43	2939	2.60	ug/L	87
16) Methylene chloride	4.922	84	16404	1.97	ug/L	88
35) Trichloroethene	8.842	95	15644	2.14	ug/L #	6
42) cis-1,3-Dichloropropene	10.043	75	5303	0.49	ug/L #	79
44) Toluene	10.384	91	8340	0.28	ug/L	85
45) trans-1,3-Dichloropropene	10.579	75	3643	0.37	ug/L	97
59) 1,2,3-Trichloropropane	13.554	75	28429	6.04	ug/L	94

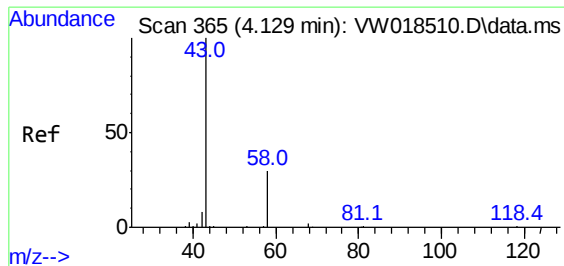
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

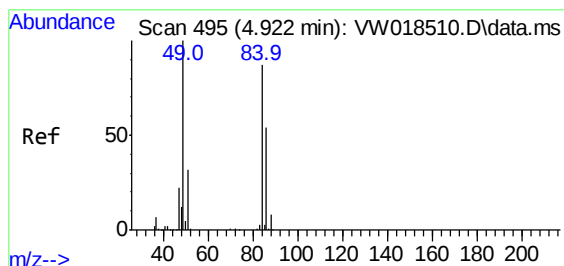
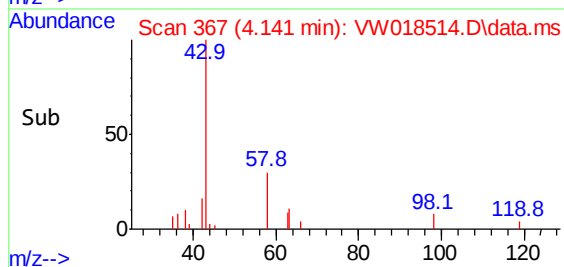
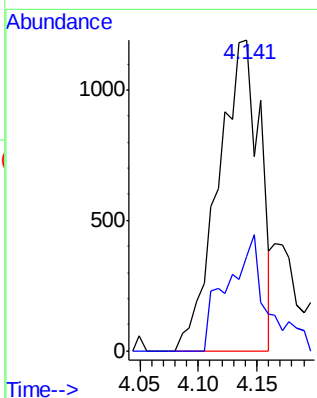
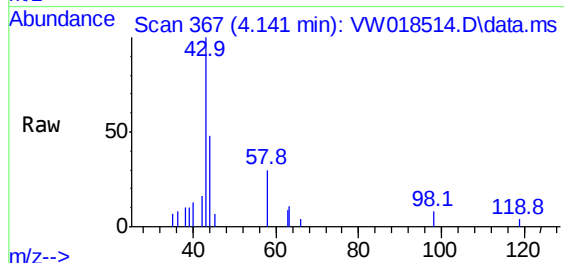




#13
Acetone
Concen: 2.60 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW018514.D
Acq: 31 Mar 2021 15:59

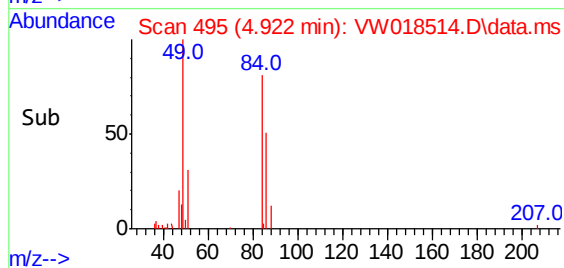
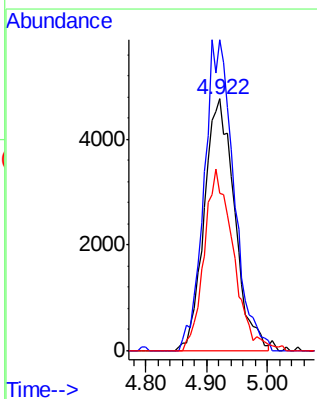
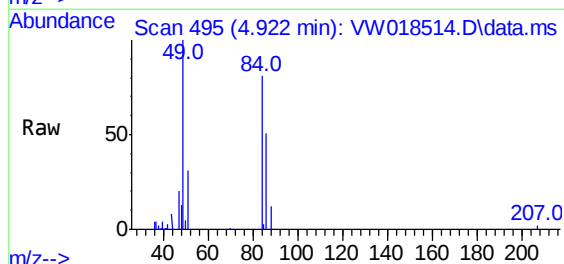
Instrument :
MSVOA_W
ClientSampleId :
BG546

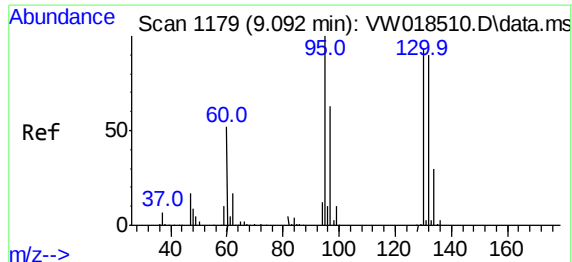
Tgt Ion: 43 Resp: 2939
Ion Ratio Lower Upper
43 100
58 23.8 0.0 62.2



#16
Methylene chloride
Concen: 1.97 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018514.D
Acq: 31 Mar 2021 15:59

Tgt Ion: 84 Resp: 16404
Ion Ratio Lower Upper
84 100
49 123.4 74.4 138.2
86 62.4 46.1 85.7



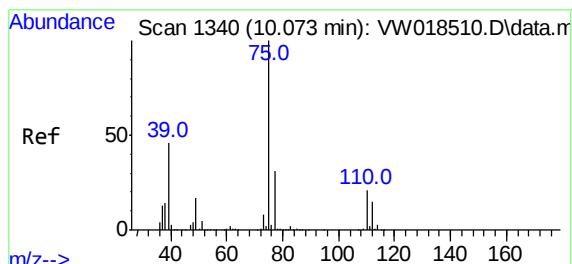
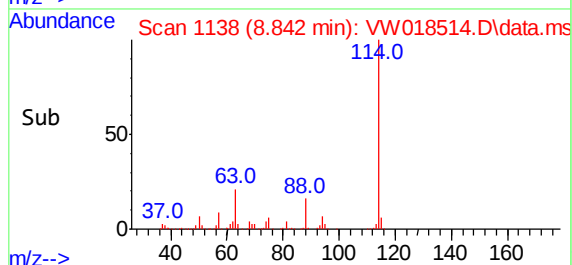
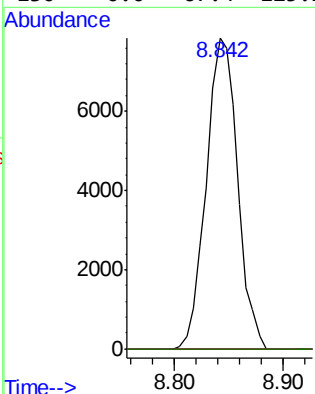
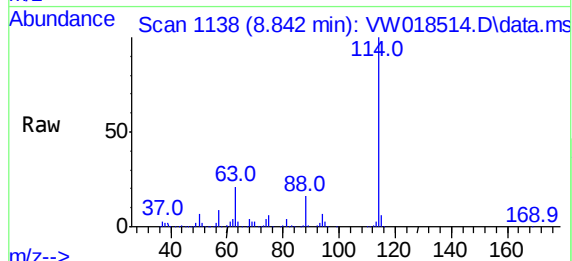


#35
Trichloroethene
Concen: 2.14 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018514.D
Acq: 31 Mar 2021 15:59

Instrument :
MSVOA_W
ClientSampleId :
BG546

Tgt Ion: 95 Resp: 15644

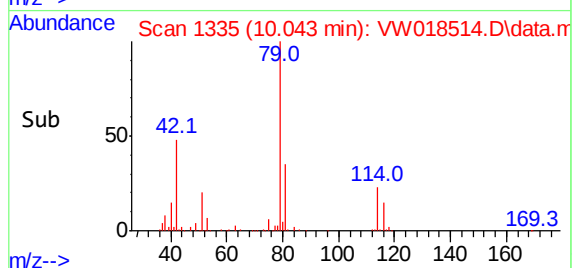
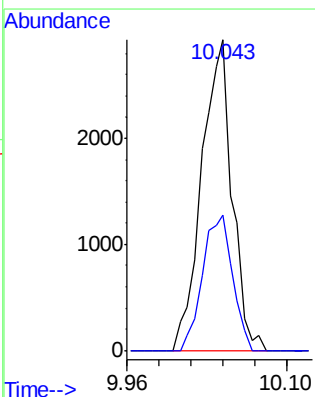
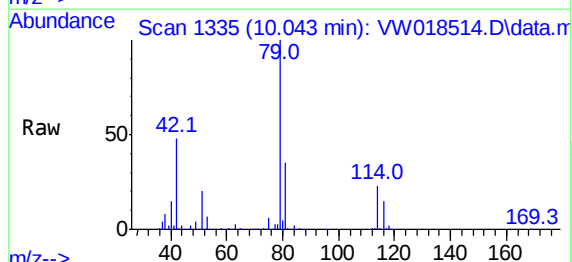
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.4	65.9	122.5#
130	0.0	67.4	125.2#

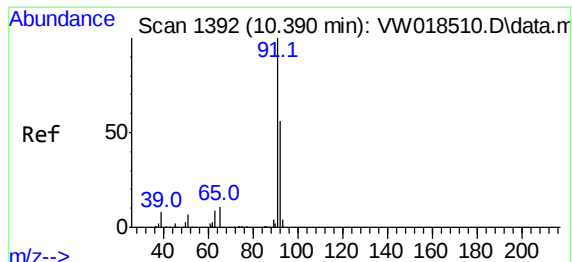


#42
cis-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.031 min
Lab File: VW018514.D
Acq: 31 Mar 2021 15:59

Tgt Ion: 75 Resp: 5303

Ion	Ratio	Lower	Upper
75	100		
77	43.7	22.4	41.6#





#44

Toluene

Concen: 0.28 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW018514.D

Acq: 31 Mar 2021 15:59

Tgt Ion: 91 Resp: 8340

Ion Ratio Lower Upper

91 100

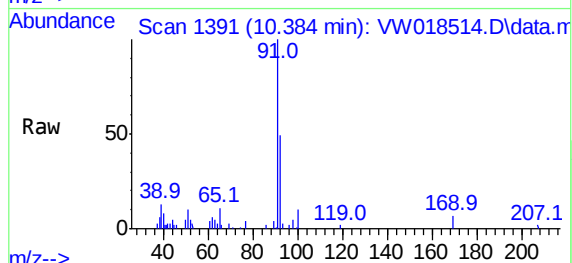
92 48.8 42.3 78.5

Instrument :

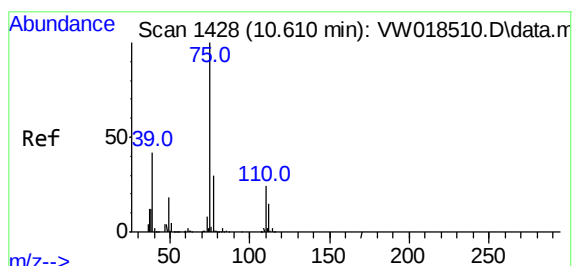
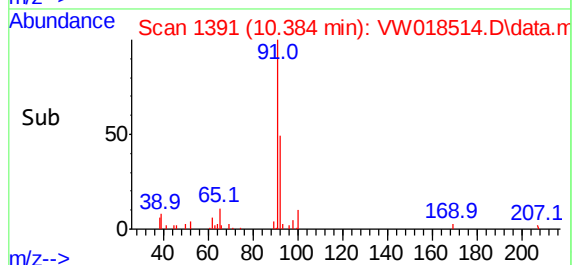
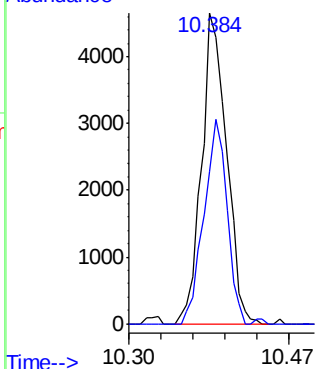
MSVOA_W

ClientSampled :

BG546



Abundance



#45

trans-1,3-Dichloropropene

Concen: 0.37 ug/L

RT: 10.579 min Scan# 1423

Delta R.T. -0.031 min

Lab File: VW018514.D

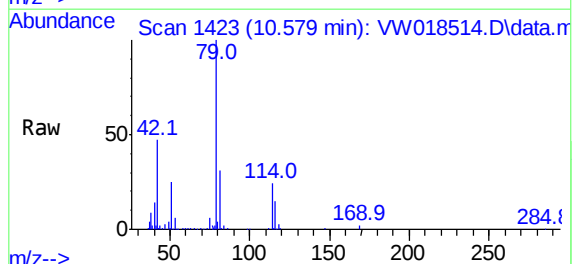
Acq: 31 Mar 2021 15:59

Tgt Ion: 75 Resp: 3643

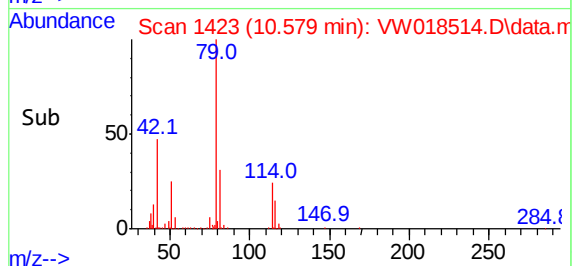
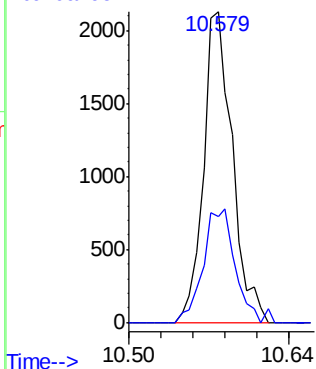
Ion Ratio Lower Upper

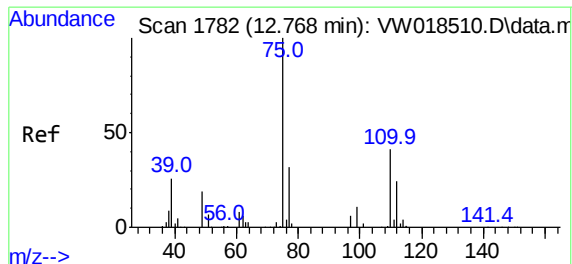
75 100

77 34.0 22.6 42.0



Abundance





#59
 1,2,3-Trichloropropane
 Concen: 6.04 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018514.D
 Acq: 31 Mar 2021 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 BG546

Tgt Ion: 75 Resp: 28429
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.6 38.4

