

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018515.D
 Acq On : 31 Mar 2021 16:23
 Operator : SY/VA
 Sample : M1859-08
 Misc : 5.68G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG547

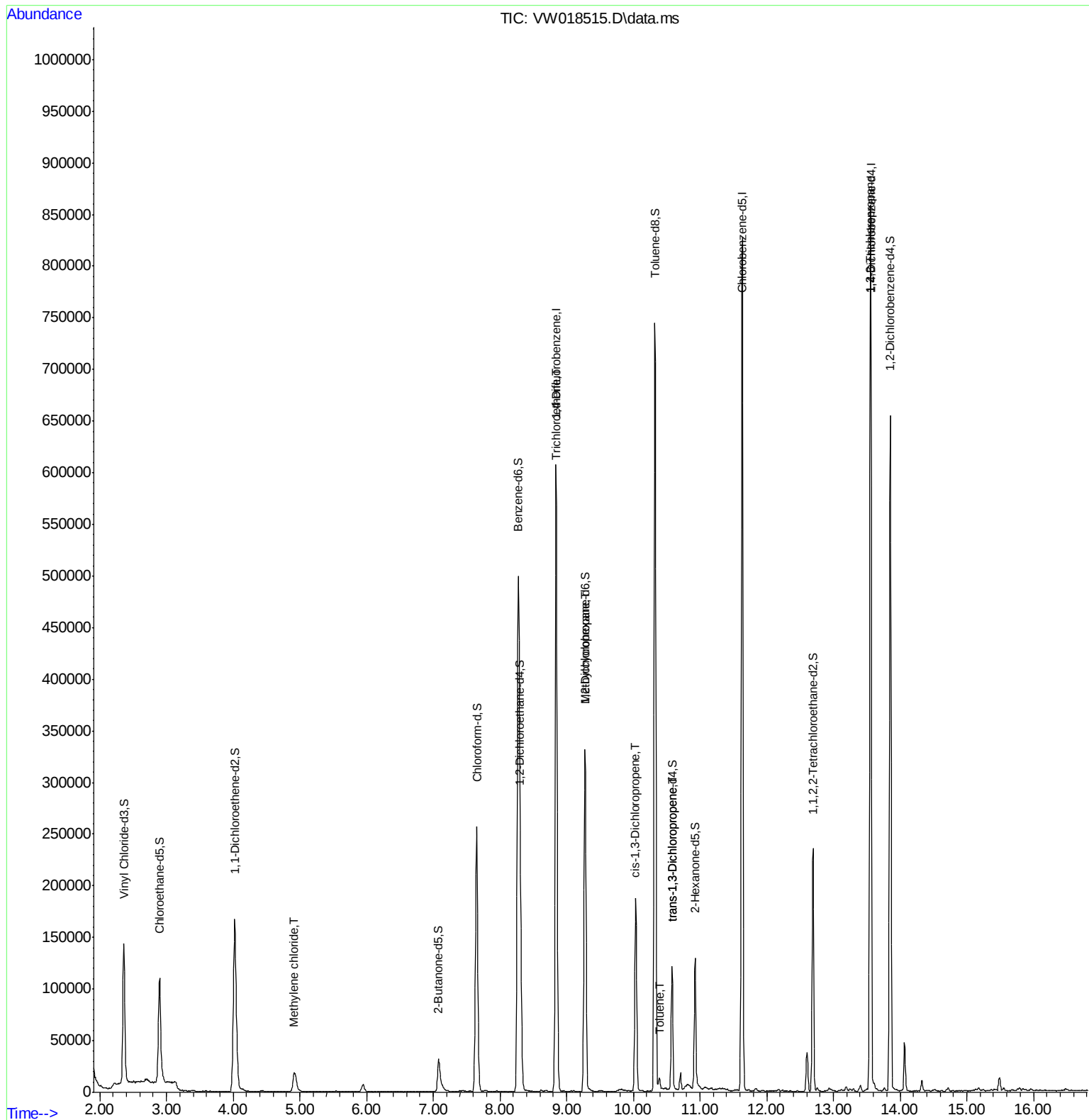
Quant Time: Apr 01 02:06:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

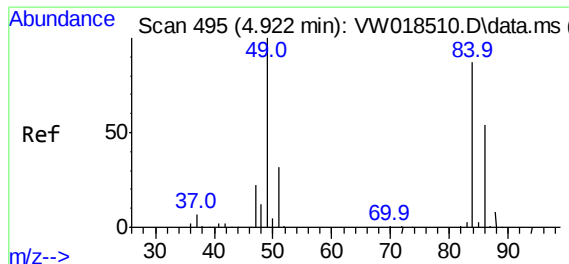
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	492489	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	445085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	212224	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	168122	24.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.12%		
7) Chloroethane-d5	2.897	69	136466	22.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.00%		
10) 1,1-Dichloroethene-d2	4.025	63	186207	15.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.96%		
20) 2-Butanone-d5	7.080	46	52092	34.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.28%		
24) Chloroform-d	7.653	84	255788	20.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.56%		
26) 1,2-Dichloroethane-d4	8.305	65	149824	20.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.84%		
29) Benzene-d6	8.275	84	508602	21.50	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.00%		
33) 1,2-Dichloropropane-d6	9.274	67	142397	20.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.44%		
37) Toluene-d8	10.323	98	501631	22.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.08%		
38) trans-1,3-Dichloroprop...	10.579	79	61708	17.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.12%		
39) 2-Hexanone-d5	10.927	63	43527	32.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.18%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	110903	18.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	72.64%		
61) 1,2-Dichlorobenzene-d4	13.853	152	156298	20.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.88%		
Target Compounds						
16) Methylene chloride	4.915	84	8289	1.03	ug/L	95
35) Trichloroethene	8.848	95	15239	2.14	ug/L #	6
36) Methylcyclohexane	9.274	83	37788	3.03	ug/L #	20
42) cis-1,3-Dichloropropene	10.030	75	5577	0.52	ug/L #	81
44) Toluene	10.396	91	8258	0.28	ug/L	89
45) trans-1,3-Dichloropropene	10.579	75	3334	0.35	ug/L	88
59) 1,2,3-Trichloropropane	13.554	75	28228	6.14	ug/L	92

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

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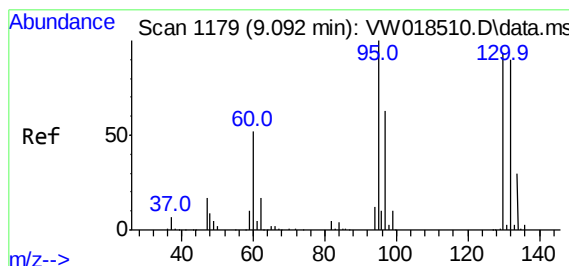
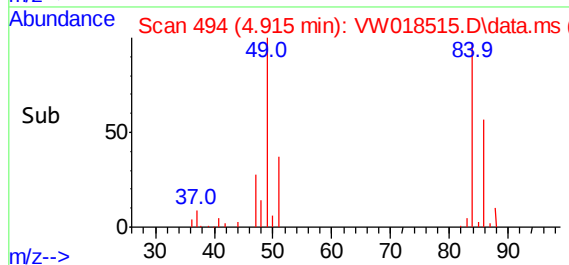
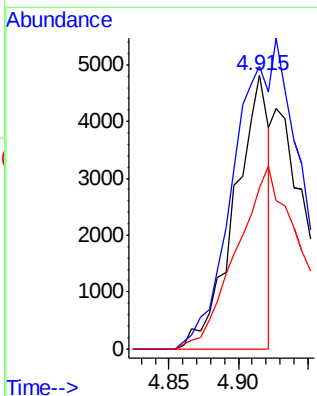
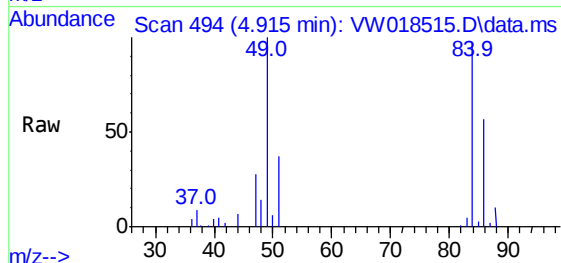


#16
Methylene chloride
Concen: 1.03 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018515.D
Acq: 31 Mar 2021 16:23

Instrument :
MSVOA_W
ClientSampled :
BG547

Tgt Ion: 84 Resp: 8289

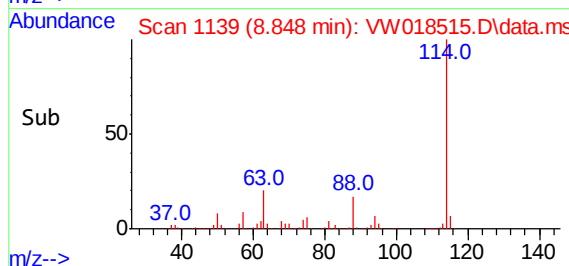
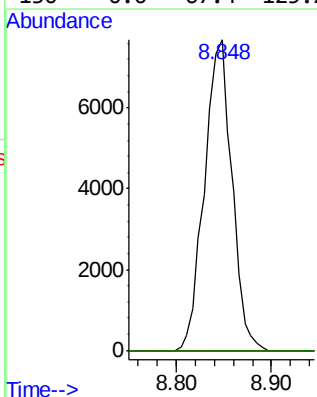
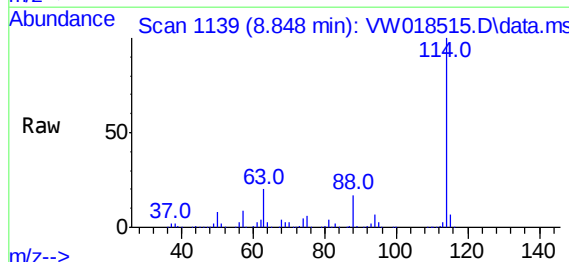
Ion	Ratio	Lower	Upper
84	100		
49	103.5	74.4	138.2
86	59.1	46.1	85.7

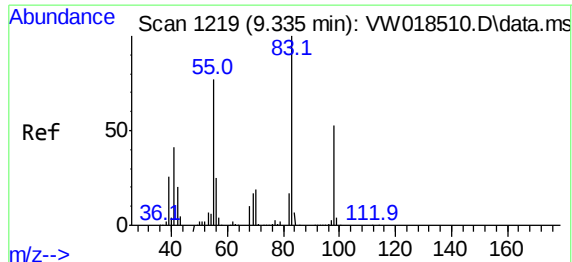


#35
Trichloroethene
Concen: 2.14 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018515.D
Acq: 31 Mar 2021 16:23

Tgt Ion: 95 Resp: 15239

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#

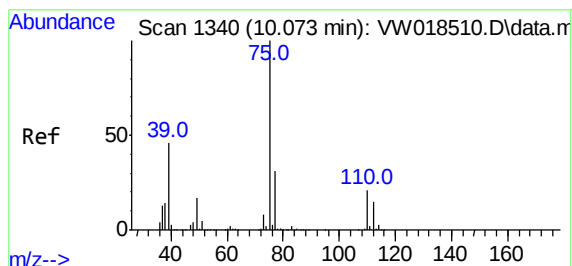
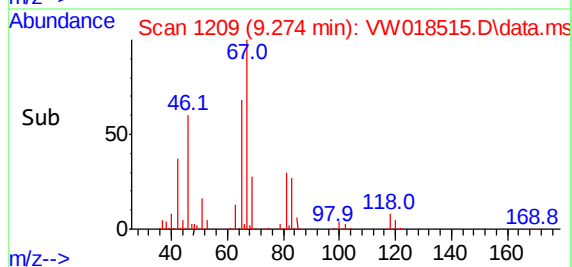
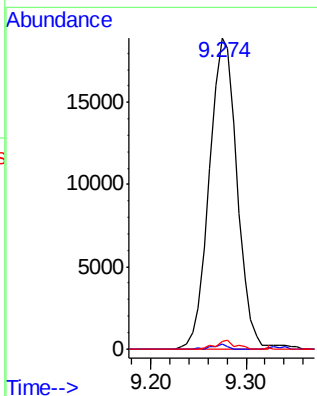
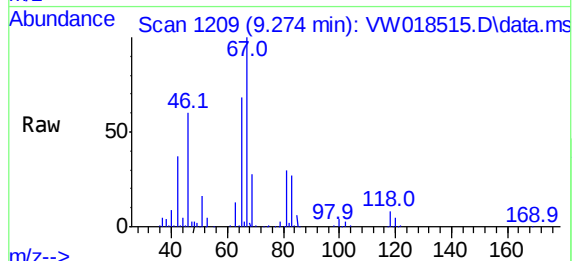




#36
Methylcyclohexane
Concen: 3.03 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018515.D
Acq: 31 Mar 2021 16:23

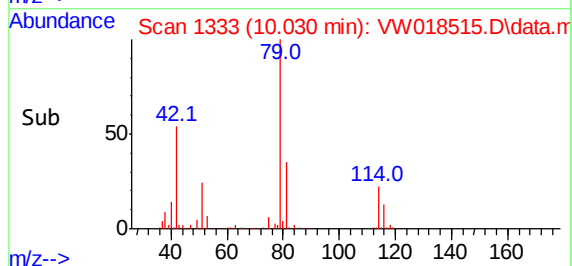
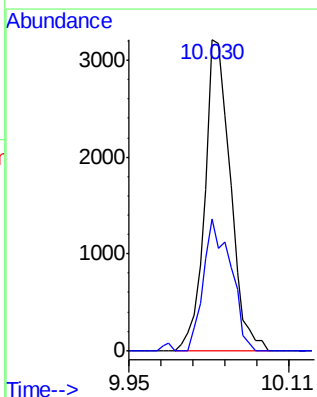
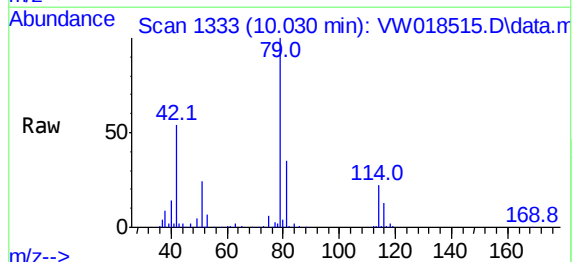
Instrument :
MSVOA_W
ClientSampled :
BG547

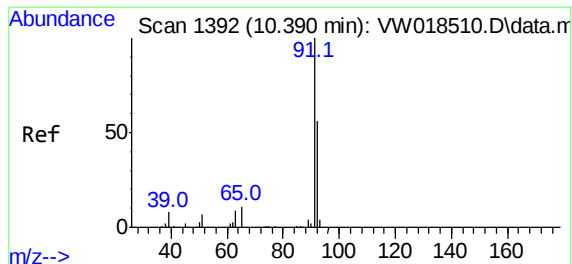
Tgt Ion: 83 Resp: 37788
Ion Ratio Lower Upper
83 100
55 0.6 56.8 85.2#
98 1.0 40.6 61.0#



#42
cis-1,3-Dichloropropene
Concen: 0.52 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018515.D
Acq: 31 Mar 2021 16:23

Tgt Ion: 75 Resp: 5577
Ion Ratio Lower Upper
75 100
77 42.5 22.4 41.6#





#44

Toluene

Concen: 0.28 ug/L

RT: 10.396 min Scan# 1393

Delta R.T. 0.006 min

Lab File: VW018515.D

Acq: 31 Mar 2021 16:23

Tgt Ion: 91 Resp: 8258

Ion Ratio Lower Upper

91 100

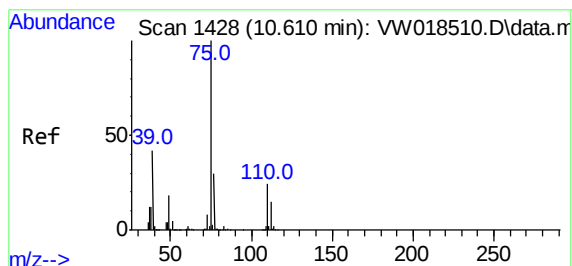
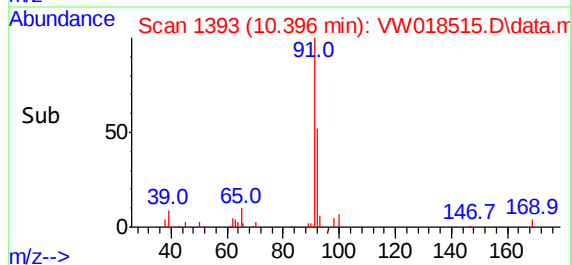
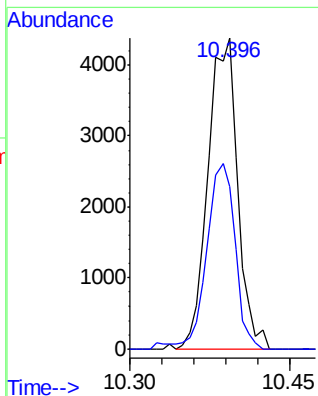
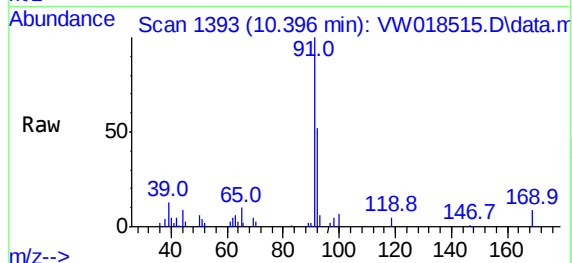
92 52.3 42.3 78.5

Instrument :

MSVOA_W

ClientSampled :

BG547



#45

trans-1,3-Dichloropropene

Concen: 0.35 ug/L

RT: 10.579 min Scan# 1423

Delta R.T. -0.031 min

Lab File: VW018515.D

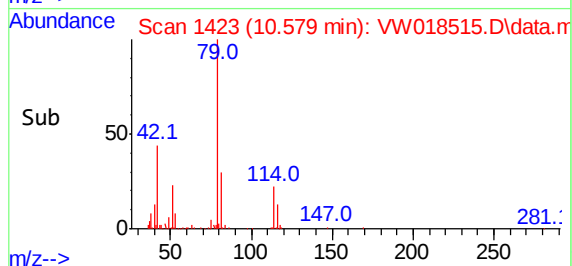
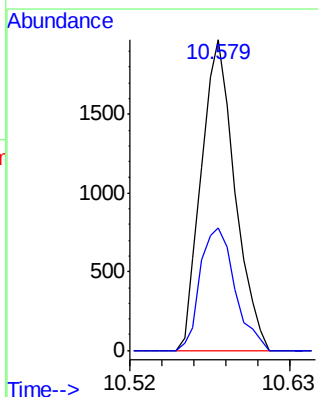
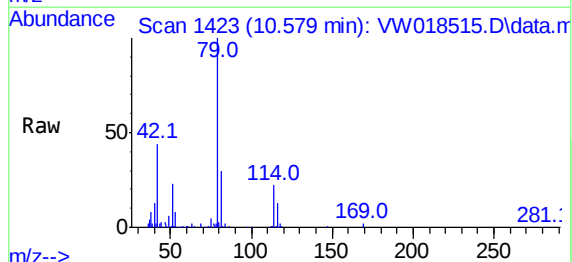
Acq: 31 Mar 2021 16:23

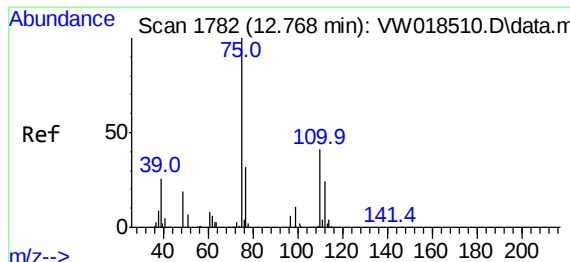
Tgt Ion: 75 Resp: 3334

Ion Ratio Lower Upper

75 100

77 39.3 22.6 42.0





#59
 1,2,3-Trichloropropane
 Concen: 6.14 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018515.D
 Acq: 31 Mar 2021 16:23

Instrument :
 MSVOA_W
 ClientSampleId :
 BG547

Tgt Ion: 75 Resp: 28228
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.6 38.4

