

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018578.D
 Acq On : 07 Apr 2021 14:06
 Operator : SY/VA
 Sample : M1881-23
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:36:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

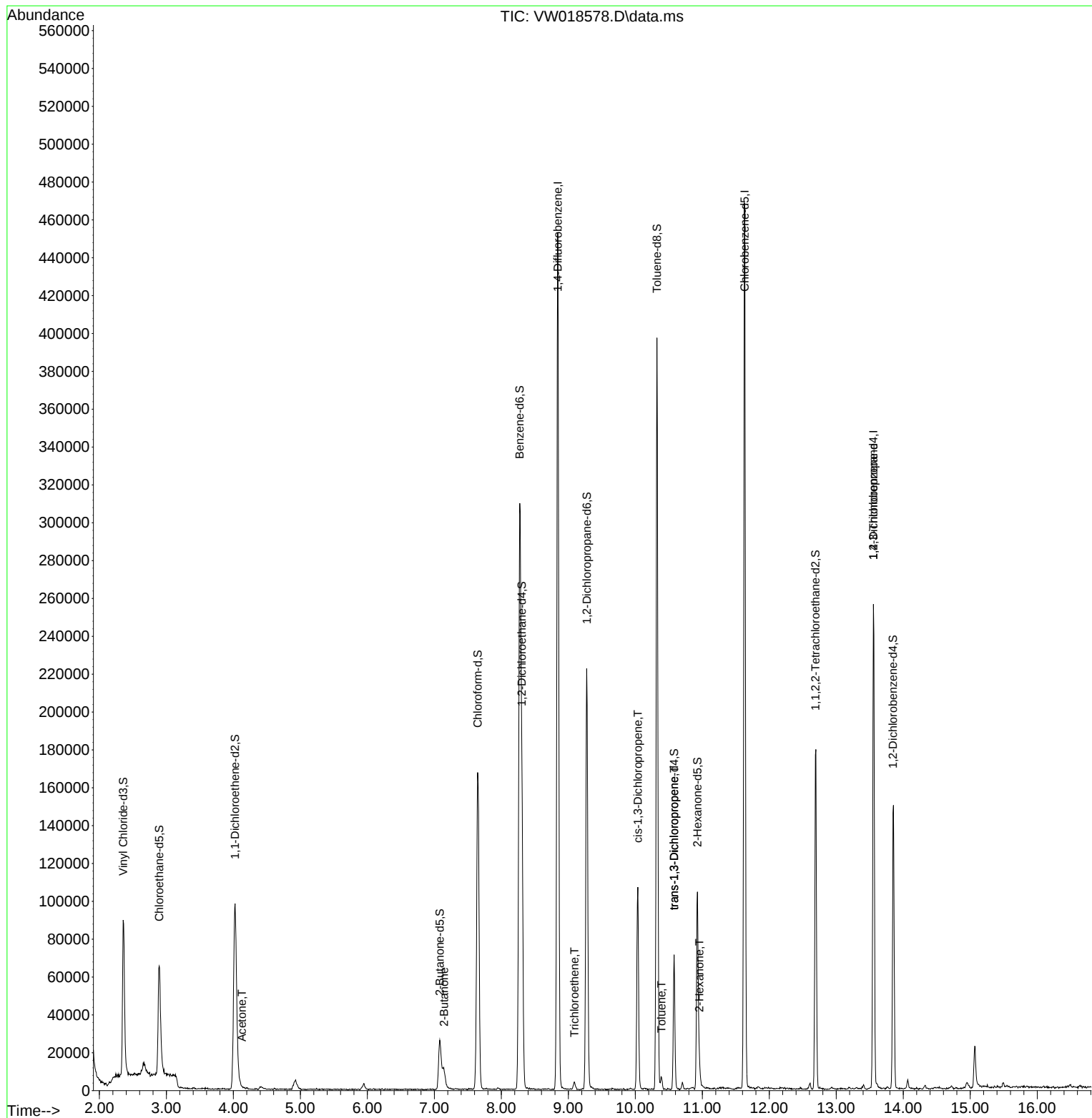
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	368512	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	256035	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	66591	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	105826	20.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.56%		
7) Chloroethane-d5	2.891	69	83023	18.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.96%		
10) 1,1-Dichloroethene-d2	4.025	63	110718	12.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	50.00%		
20) 2-Butanone-d5	7.080	46	42307	37.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.12%		
24) Chloroform-d	7.647	84	173623	18.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	74.00%		
26) 1,2-Dichloroethane-d4	8.305	65	115554	21.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.36%		
29) Benzene-d6	8.275	84	317617	23.33	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.32%		
33) 1,2-Dichloropropane-d6	9.274	67	97527	24.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.36%		
37) Toluene-d8	10.323	98	257747	19.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.68%		
38) trans-1,3-Dichloroprop...	10.579	79	37553	18.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.20%		
39) 2-Hexanone-d5	10.927	63	35501	46.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.40%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	85352	24.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.20%		
61) 1,2-Dichlorobenzene-d4	13.847	152	39237	16.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	66.28%#		
Target Compounds					Qvalue	
13) Acetone	4.129	43	428	0.52	ug/L	92
21) 2-Butanone	7.147	43	10813	8.30	ug/L #	42
35) Trichloroethene	9.092	95	1356	0.33	ug/L #	52
42) cis-1,3-Dichloropropene	10.037	75	3386	0.55	ug/L #	73
44) Toluene	10.390	91	4469	0.27	ug/L	89
45) trans-1,3-Dichloropropene	10.579	75	1907	0.35	ug/L #	76
49) 2-Hexanone	10.957	43	4982	3.23	ug/L #	35
59) 1,2,3-Trichloropropane	13.554	75	8637	3.27	ug/L #	88

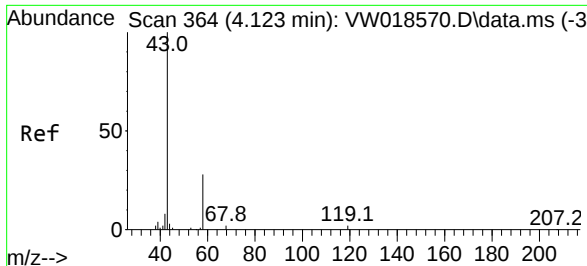
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 08 05:34:15 2021
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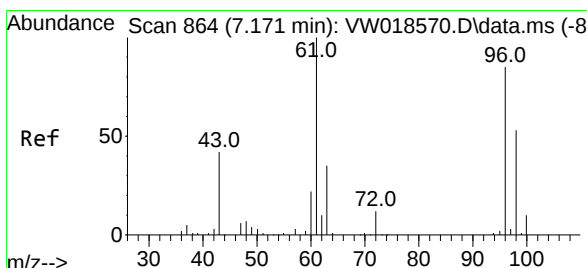
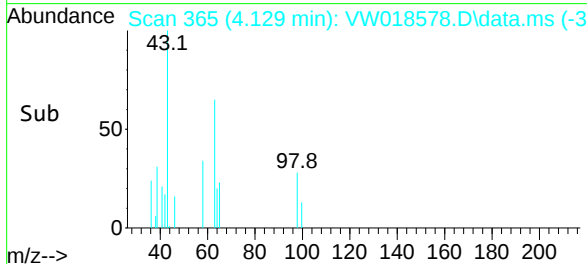
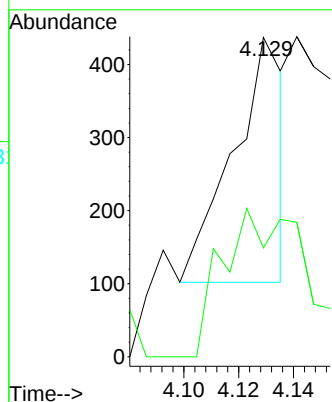
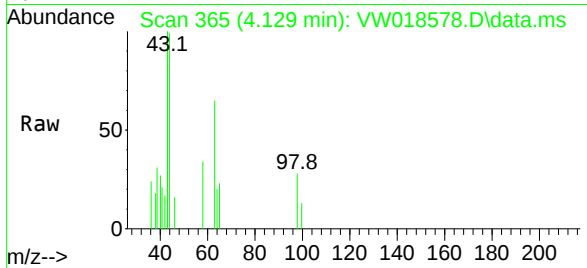




#13
Acetone
Concen: 0.52 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018578.D
Acq: 07 Apr 2021 14:06

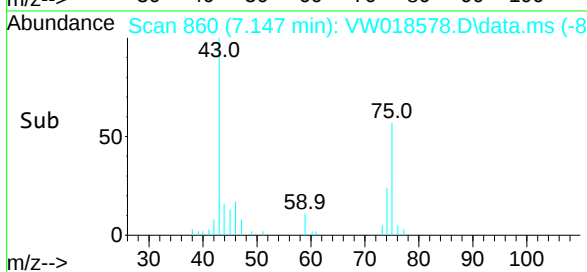
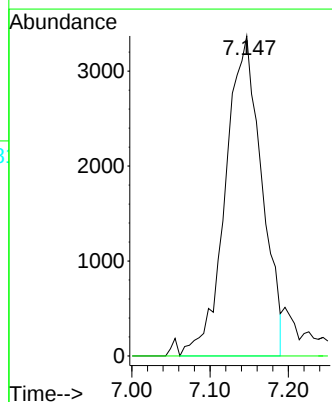
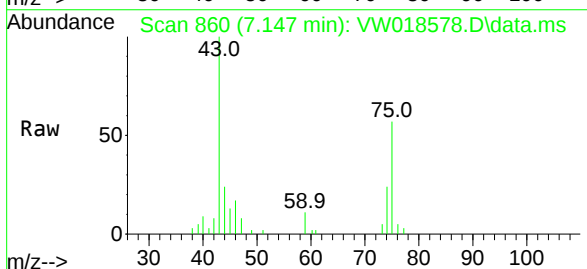
Instrument :
MSVOA_W
ClientSampled :

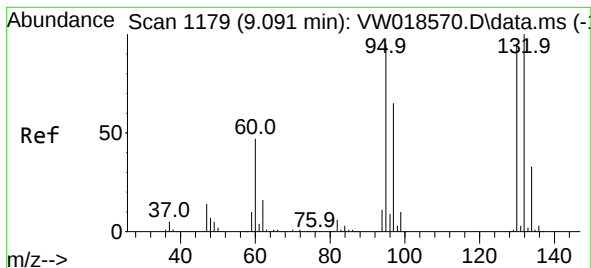
Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
58 26.6 0.0 62.2



#21
2-Butanone
Concen: 8.30 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.024 min
Lab File: VW018578.D
Acq: 07 Apr 2021 14:06

Tgt Ion: 43 Resp: 10813
Ion Ratio Lower Upper
43 100
72 0.0 16.5 49.5#

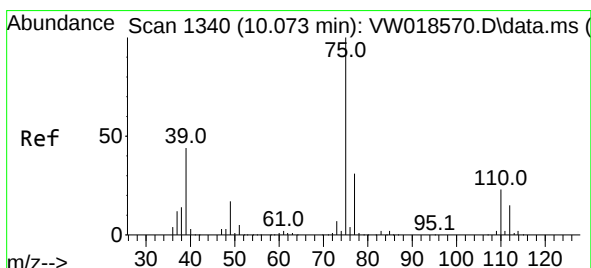
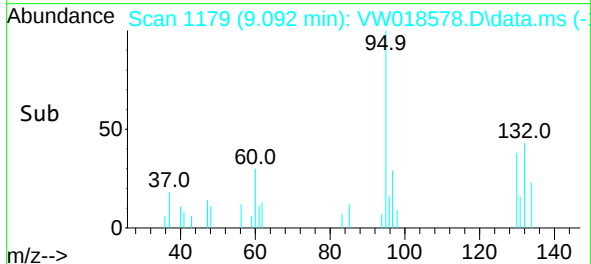
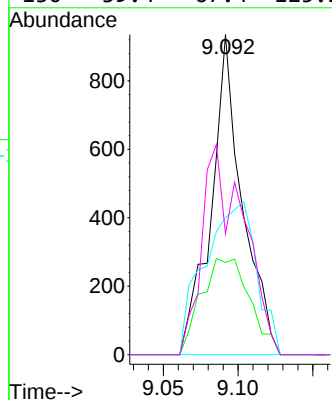
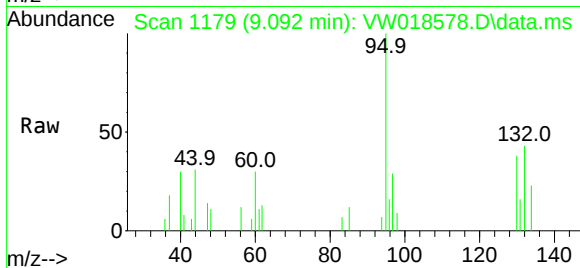




#35
Trichloroethene
Concen: 0.33 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018578.D
Acq: 07 Apr 2021 14:06

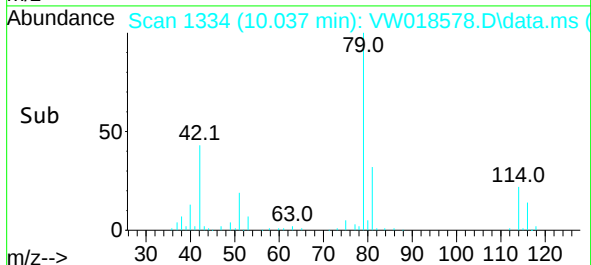
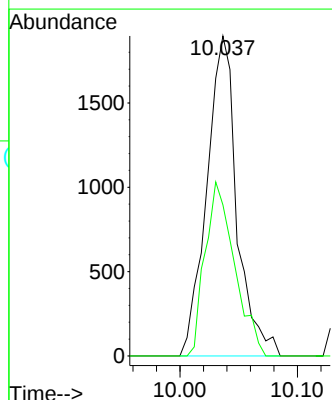
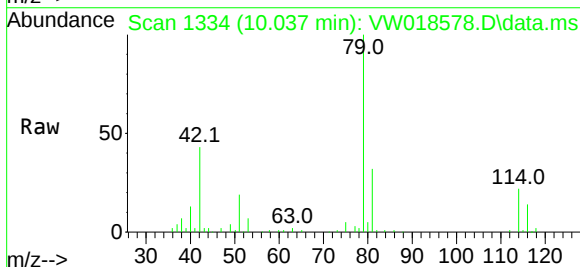
Instrument :
MSVOA_W
ClientSampleId :

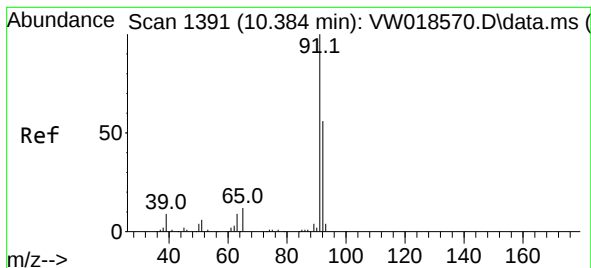
Tgt Ion:	95	Resp:	1356
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	79.1	65.9	122.5
130	39.4	67.4	125.2#



#42
cis-1,3-Dichloropropene
Concen: 0.55 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018578.D
Acq: 07 Apr 2021 14:06

Tgt Ion:	75	Resp:	3386
Ion	Ratio	Lower	Upper
75	100		
77	47.2	22.4	41.6#





#44

Toluene

Concen: 0.27 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018578.D

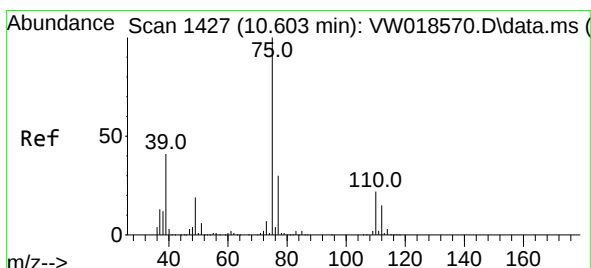
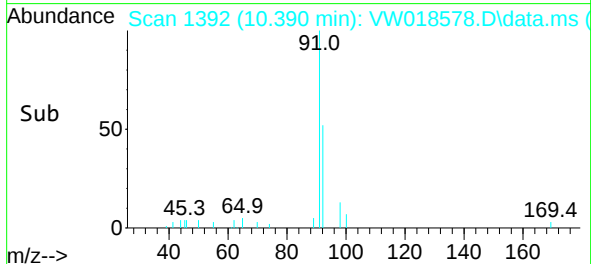
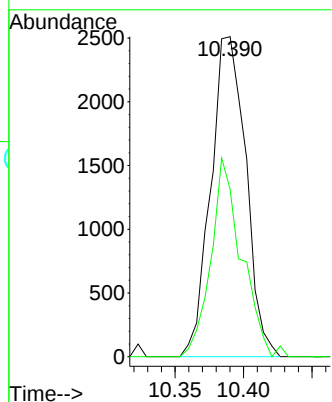
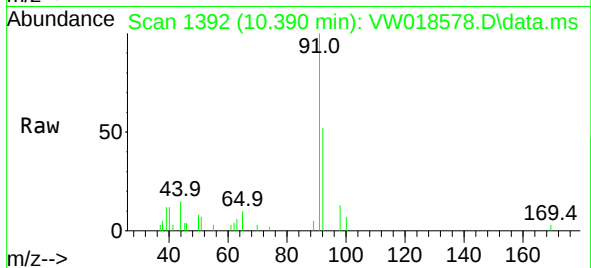
Acq: 07 Apr 2021 14:06

Tgt Ion: 91 Resp: 4469

Ion Ratio Lower Upper

91 100

92 52.3 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 0.35 ug/L

RT: 10.579 min Scan# 1423

Delta R.T. -0.024 min

Lab File: VW018578.D

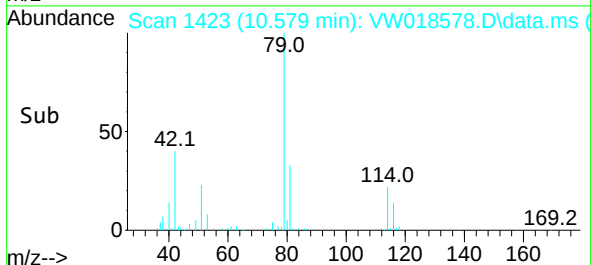
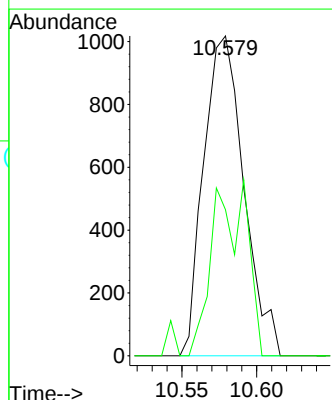
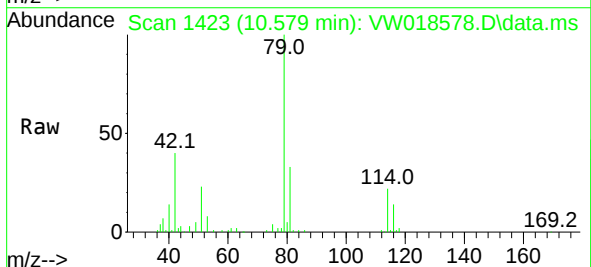
Acq: 07 Apr 2021 14:06

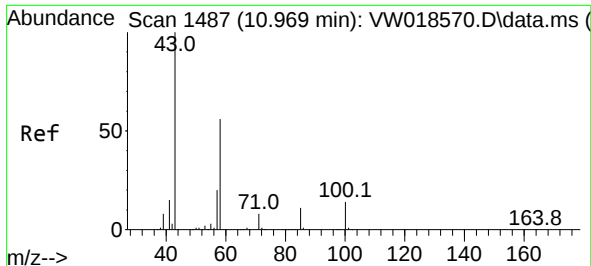
Tgt Ion: 75 Resp: 1907

Ion Ratio Lower Upper

75 100

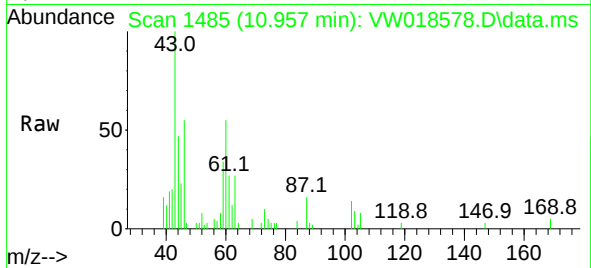
77 45.7 22.6 42.0#



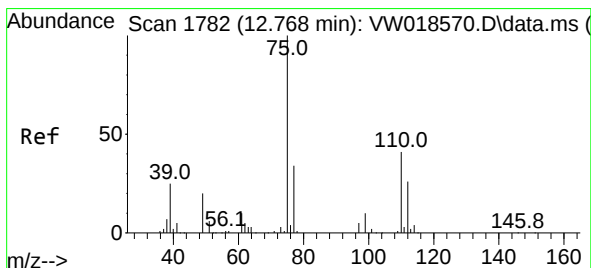
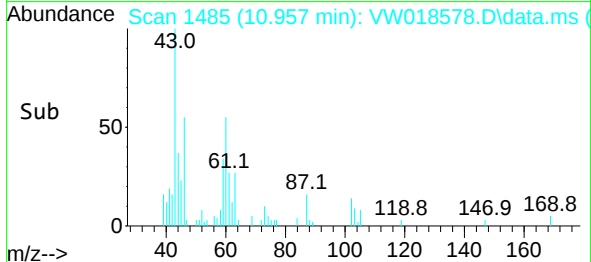
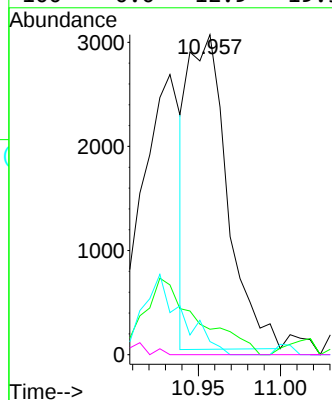


#49
2-Hexanone
Concen: 3.23 ug/L
RT: 10.957 min Scan# 1485
Delta R.T. -0.012 min
Lab File: VW018578.D
Acq: 07 Apr 2021 14:06

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43	Resp: 4982
Ion Ratio	Lower Upper
43 100	
58 0.0	47.3 70.9#
57 0.0	17.3 25.9#
100 0.0	12.9 19.3#



#59
1,2,3-Trichloropropane
Concen: 3.27 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018578.D
Acq: 07 Apr 2021 14:06

Tgt Ion: 75	Resp: 8637
Ion Ratio	Lower Upper
75 100	
77 39.0	25.6 38.4#

