

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018574.D
 Acq On : 07 Apr 2021 12:30
 Operator : SY/VA
 Sample : M1881-12
 Misc : 4.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:35:18 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)

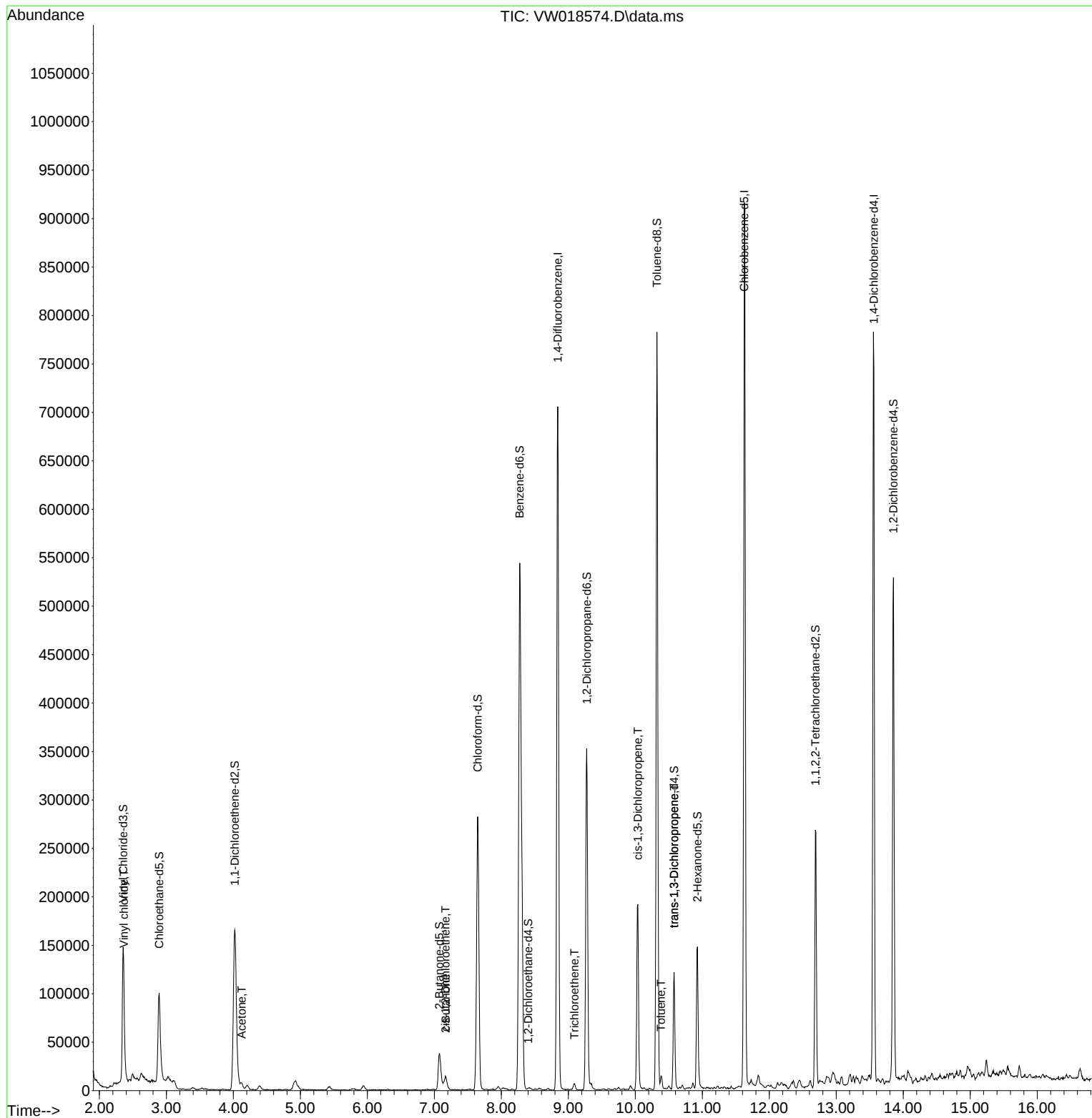
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	593122	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	493158	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	196202	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	165233	20.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.08%		
7) Chloroethane-d5	2.892	69	124715	17.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.04%		
10) 1,1-Dichloroethene-d2	4.019	63	190711	13.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.52%		
20) 2-Butanone-d5	7.074	46	64146	34.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.82%		
24) Chloroform-d	7.647	84	278247	18.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.68%		
26) 1,2-Dichloroethane-d4	8.403	65	128	0.01	ug/L	0.10
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.04%#		
29) Benzene-d6	8.275	84	554556	21.15	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.60%		
33) 1,2-Dichloropropane-d6	9.275	67	156706	20.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.88%		
37) Toluene-d8	10.323	98	515155	20.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.64%		
38) trans-1,3-Dichloroprop...	10.579	79	65877	16.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.56%		
39) 2-Hexanone-d5	10.927	63	53544	36.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.36%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	124017	18.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	73.32%		
61) 1,2-Dichlorobenzene-d4	13.853	152	130567	18.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.88%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	6598	0.59	ug/L #	17
13) Acetone	4.123	43	10732	8.13	ug/L	100
21) 2-Butanone	7.171	43	1868	0.89	ug/L	81
22) cis-1,2-Dichloroethene	7.165	96	5636	0.65	ug/L	89
35) Trichloroethene	9.092	95	1827	0.23	ug/L	96
42) cis-1,3-Dichloropropene	10.037	75	5645	0.48	ug/L #	62
44) Toluene	10.384	91	10130	0.31	ug/L	87
45) trans-1,3-Dichloropropene	10.579	75	3703	0.35	ug/L	98

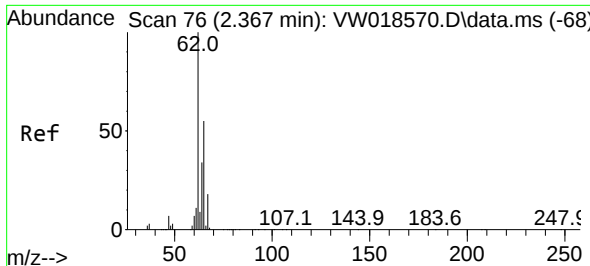
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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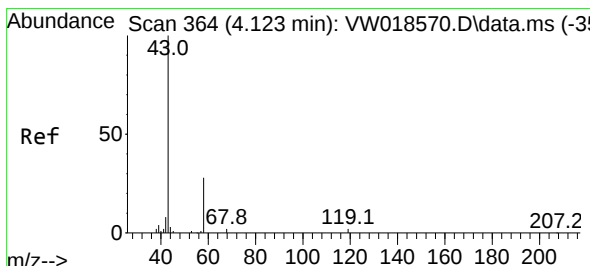
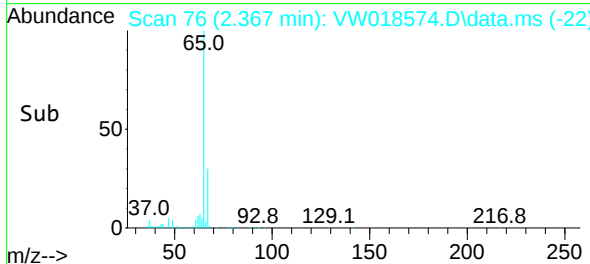
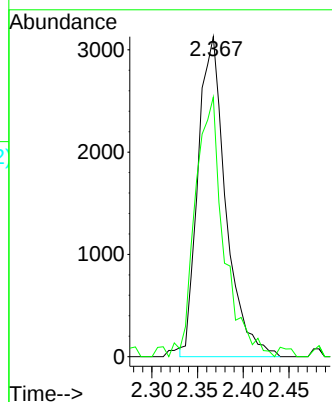
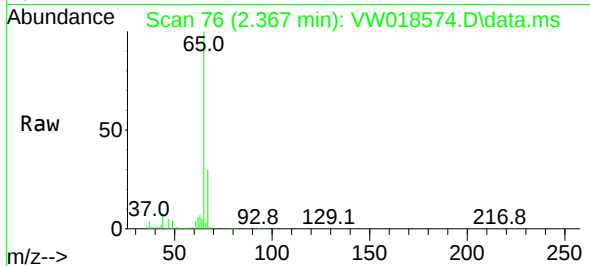




#5
 Vinyl chloride
 Concen: 0.59 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018574.D
 Acq: 07 Apr 2021 12:30

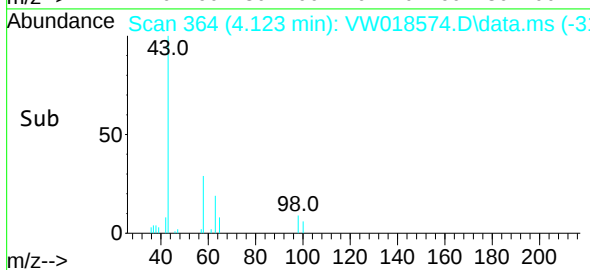
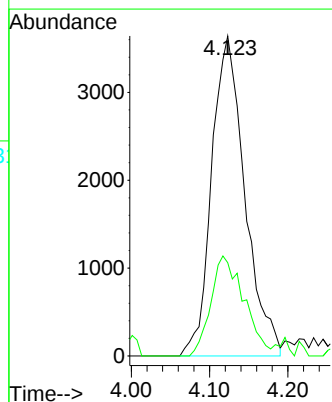
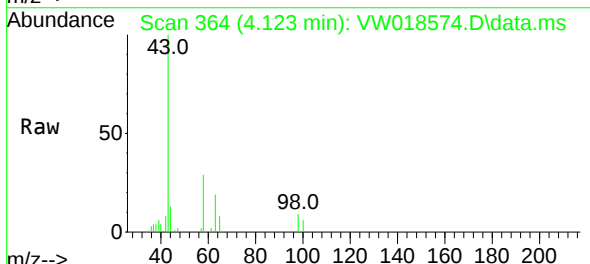
Instrument :
 MSVOA_W
 ClientSampled :

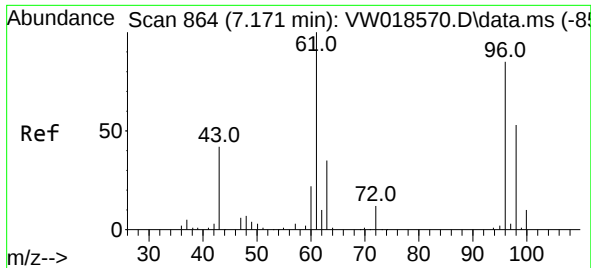
Tgt Ion: 62 Resp: 6598
 Ion Ratio Lower Upper
 62 100
 64 81.1 23.5 43.7#



#13
 Acetone
 Concen: 8.13 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.000 min
 Lab File: VW018574.D
 Acq: 07 Apr 2021 12:30

Tgt Ion: 43 Resp: 10732
 Ion Ratio Lower Upper
 43 100
 58 31.3 0.0 62.2

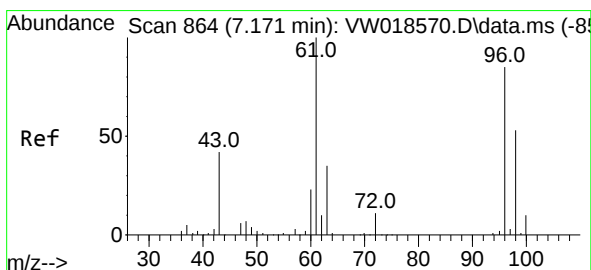
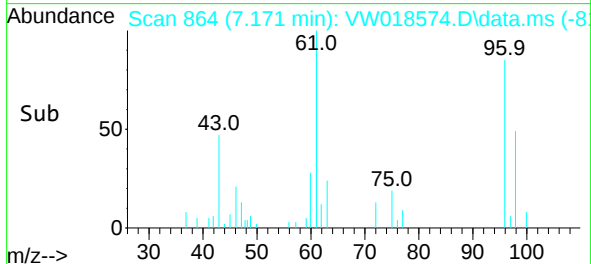
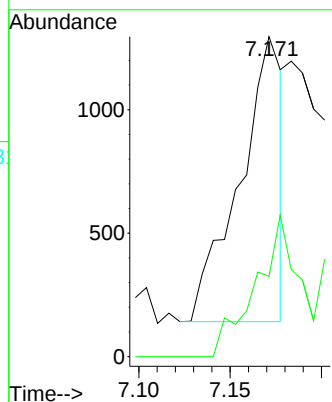
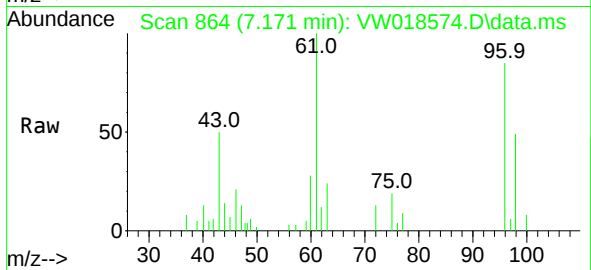




#21
2-Butanone
Concen: 0.89 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018574.D
Acq: 07 Apr 2021 12:30

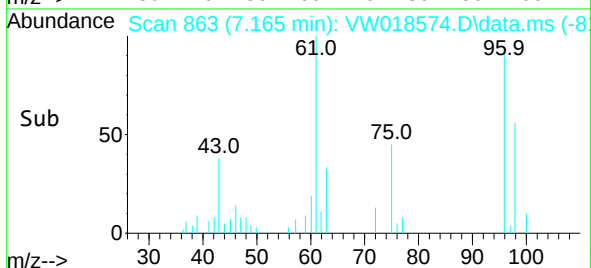
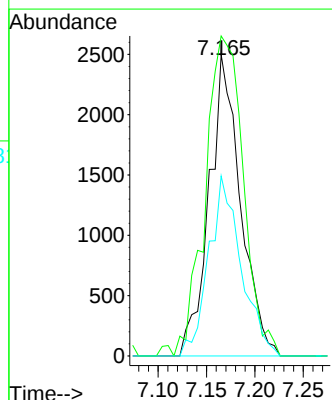
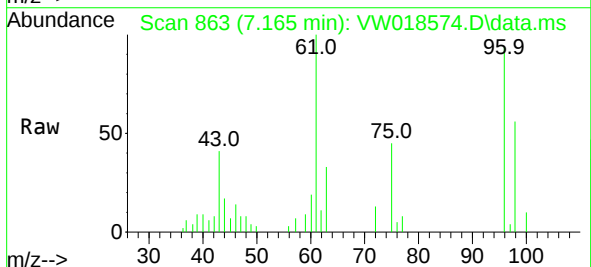
Instrument :
MSVOA_W
ClientSampled :

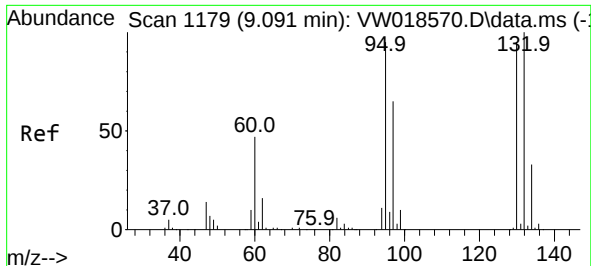
Tgt Ion: 43 Resp: 1868
Ion Ratio Lower Upper
43 100
72 43.8 16.5 49.5



#22
cis-1,2-Dichloroethene
Concen: 0.65 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018574.D
Acq: 07 Apr 2021 12:30

Tgt Ion: 96 Resp: 5636
Ion Ratio Lower Upper
96 100
61 106.2 84.8 157.6
98 59.7 45.1 83.9



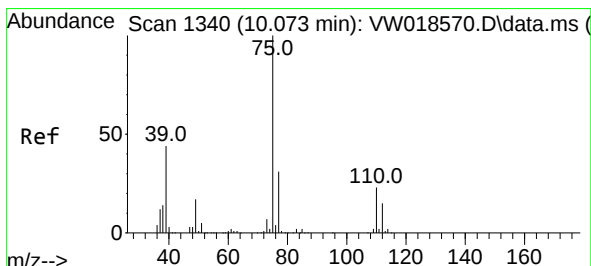
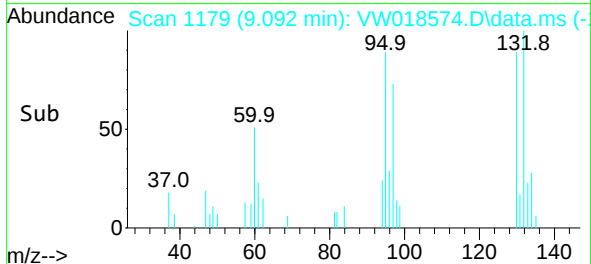
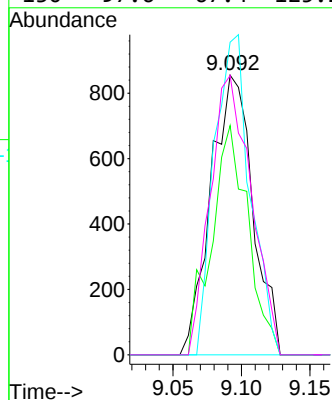
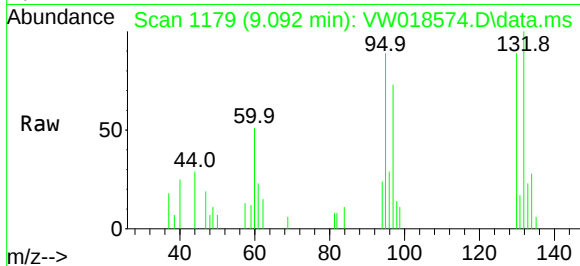


#35
Trichloroethene
Concen: 0.23 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018574.D
Acq: 07 Apr 2021 12:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 1827

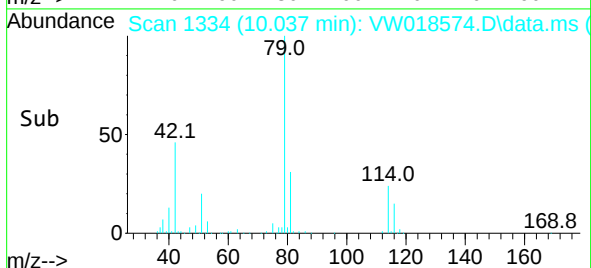
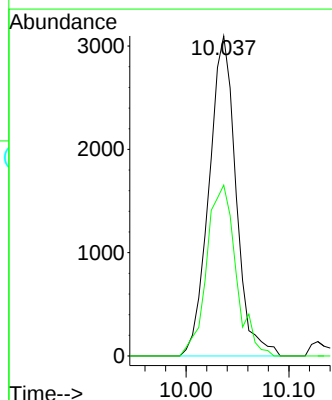
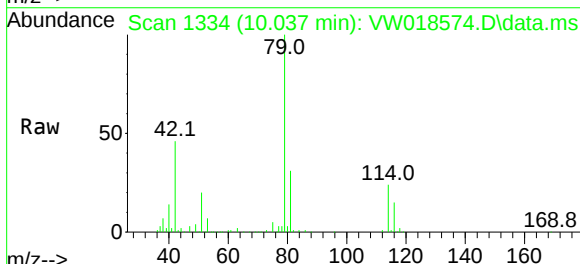
Ion	Ratio	Lower	Upper
95	100		
97	70.8	44.4	82.4
132	98.0	65.9	122.5
130	97.6	67.4	125.2

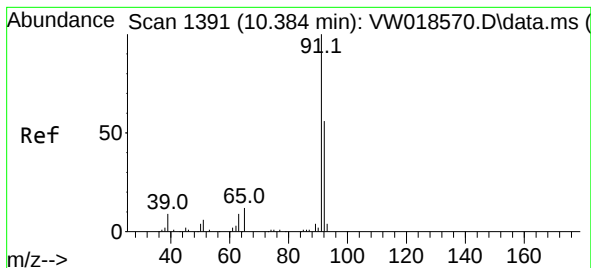


#42
cis-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018574.D
Acq: 07 Apr 2021 12:30

Tgt Ion: 75 Resp: 5645

Ion	Ratio	Lower	Upper
75	100		
77	53.4	22.4	41.6#





#44

Toluene

Concen: 0.31 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW018574.D

Acq: 07 Apr 2021 12:30

Tgt Ion: 91 Resp: 10130

Ion Ratio Lower Upper

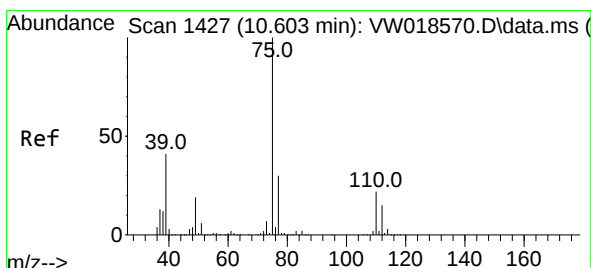
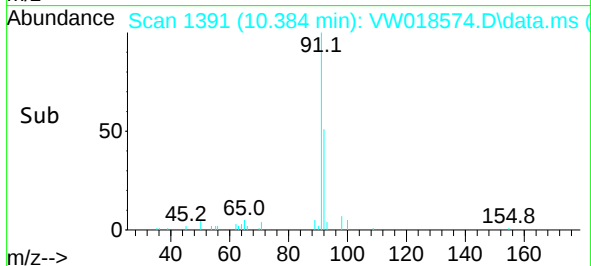
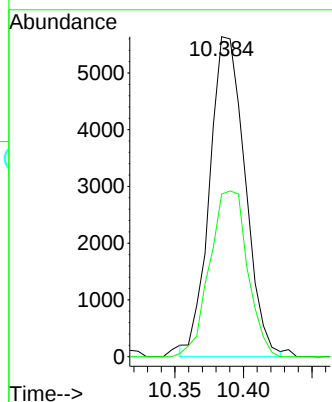
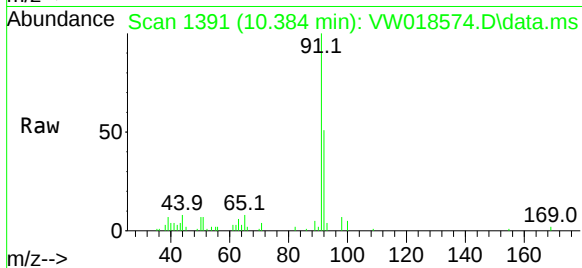
91 100

92 50.8 42.3 78.5

Instrument :

MSVOA_W

ClientSampleId :



#45

trans-1,3-Dichloropropene

Concen: 0.35 ug/L

RT: 10.579 min Scan# 1423

Delta R.T. -0.024 min

Lab File: VW018574.D

Acq: 07 Apr 2021 12:30

Tgt Ion: 75 Resp: 3703

Ion Ratio Lower Upper

75 100

77 33.4 22.6 42.0

