

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018579.D
 Acq On : 07 Apr 2021 14:30
 Operator : SY/VA
 Sample : M1881-09
 Misc : 3.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:36:18 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)

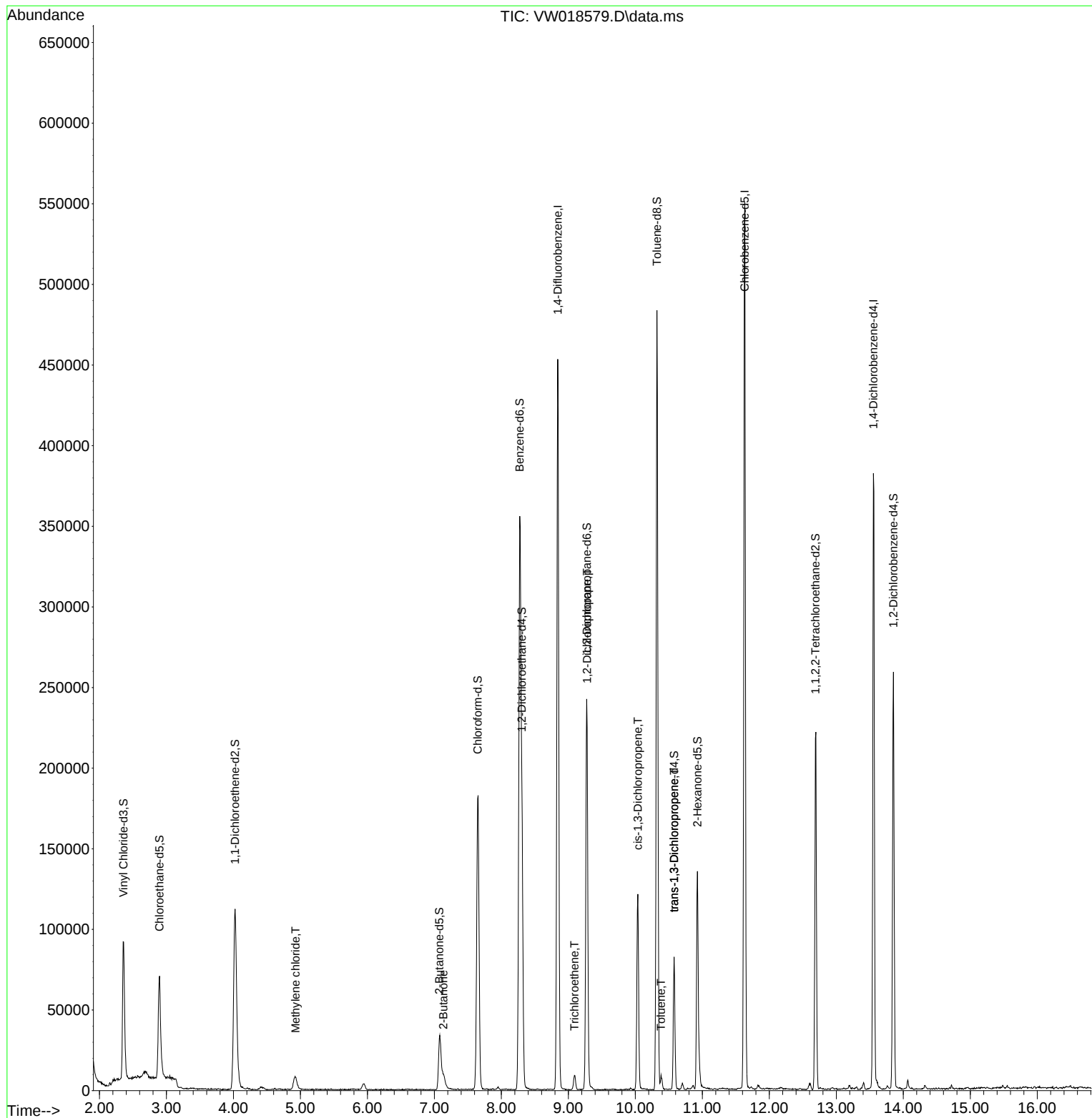
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	372786	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	301315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	96565	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	108667	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.80%
7) Chloroethane-d5	2.897	69	86420	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.12%
10) 1,1-Dichloroethene-d2	4.025	63	124197	13.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.48%
20) 2-Butanone-d5	7.074	46	53631	46.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.88%
24) Chloroform-d	7.647	84	186965	19.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.76%
26) 1,2-Dichloroethane-d4	8.305	65	125781	22.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.76%
29) Benzene-d6	8.275	84	359201	22.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.68%
33) 1,2-Dichloropropane-d6	9.274	67	107827	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.36%
37) Toluene-d8	10.323	98	319344	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.84%
38) trans-1,3-Dichloroprop...	10.579	79	44091	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.00%
39) 2-Hexanone-d5	10.927	63	46291	51.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.38%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	104723	25.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.36%
61) 1,2-Dichlorobenzene-d4	13.853	152	63087	18.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.52%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.928	84	6384	1.04	ug/L	89
21) 2-Butanone	7.135	43	7912	6.00	ug/L #	42
35) Trichloroethene	9.091	95	2982	0.62	ug/L #	82
40) 1,2-Dichloropropane	9.280	63	13320	3.12	ug/L #	86
42) cis-1,3-Dichloropropene	10.036	75	3465	0.48	ug/L	99
44) Toluene	10.384	91	5736	0.29	ug/L	85
45) trans-1,3-Dichloropropene	10.579	75	2429	0.37	ug/L	87

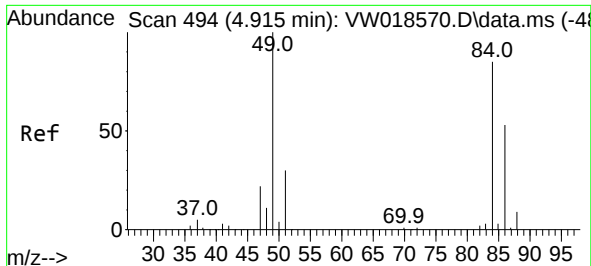
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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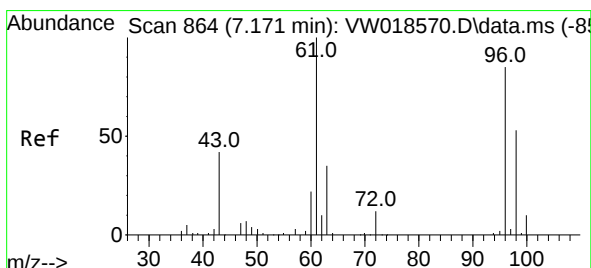
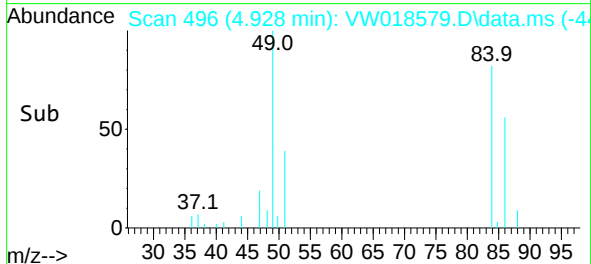
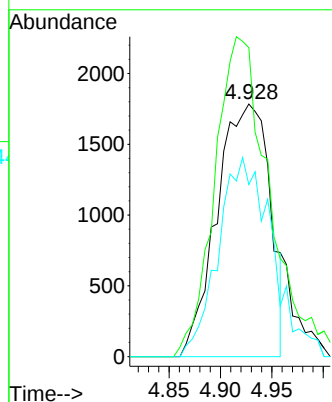
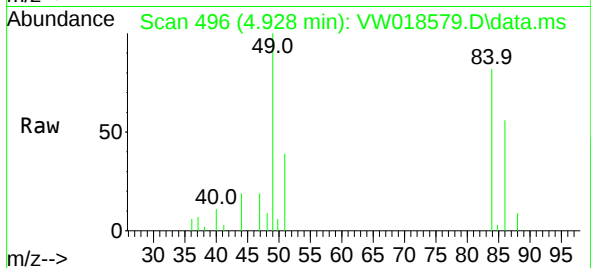




#16
Methylene chloride
Concen: 1.04 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018579.D
Acq: 07 Apr 2021 14:30

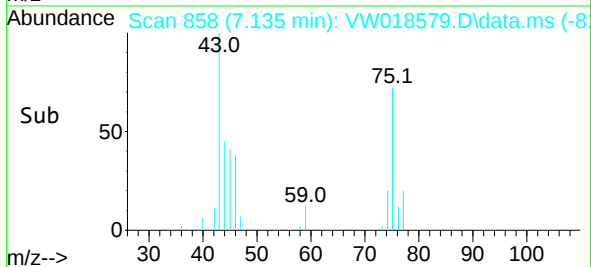
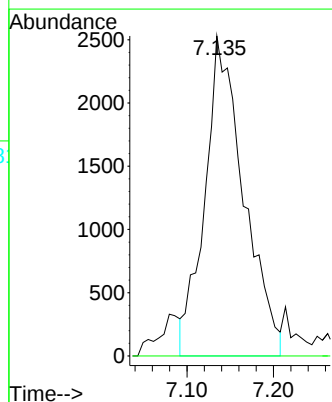
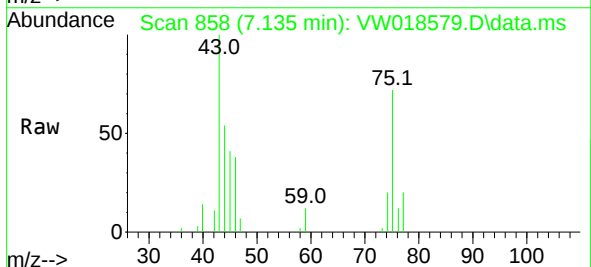
Instrument :
MSVOA_W
ClientSampled :

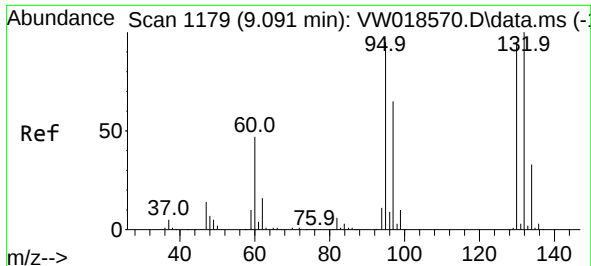
Tgt Ion: 84 Resp: 6384
Ion Ratio Lower Upper
84 100
49 122.3 74.4 138.2
86 68.2 46.1 85.7



#21
2-Butanone
Concen: 6.00 ug/L
RT: 7.135 min Scan# 858
Delta R.T. -0.037 min
Lab File: VW018579.D
Acq: 07 Apr 2021 14:30

Tgt Ion: 43 Resp: 7912
Ion Ratio Lower Upper
43 100
72 0.0 16.5 49.5#

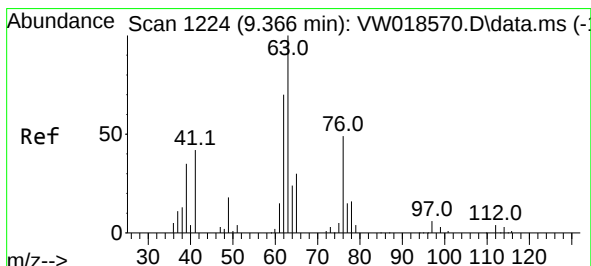
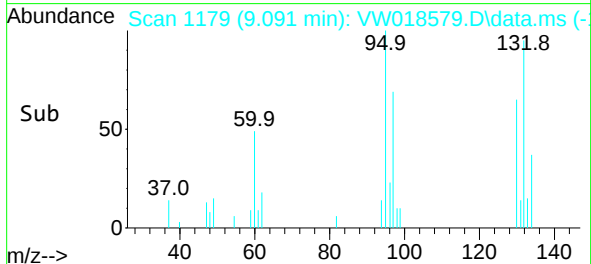
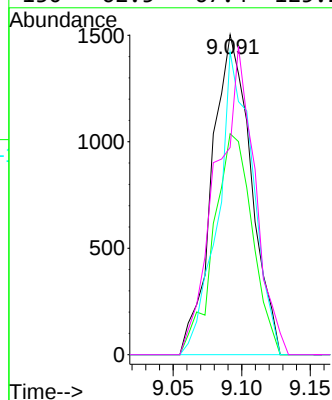
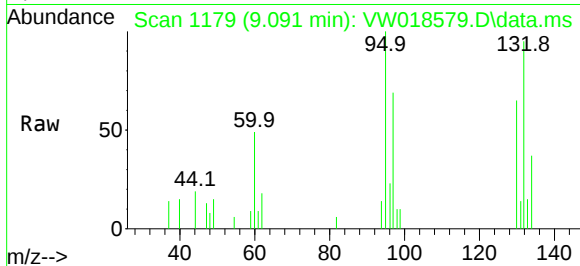




#35
Trichloroethene
Concen: 0.62 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018579.D
Acq: 07 Apr 2021 14:30

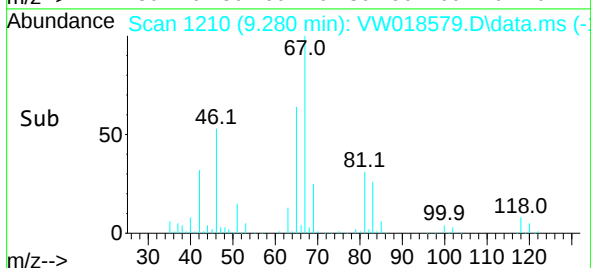
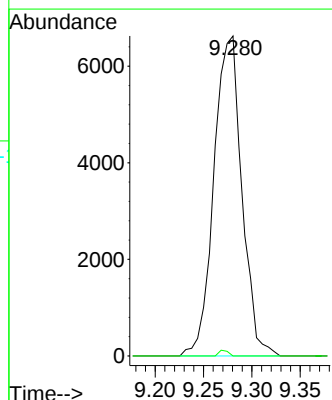
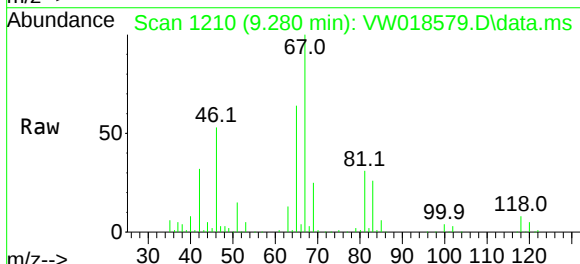
Instrument :
MSVOA_W
ClientSampleId :

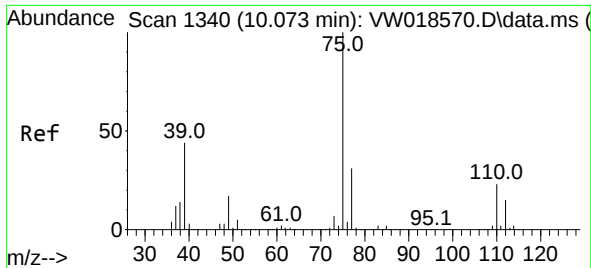
Tgt Ion: 95 Resp: 2982
Ion Ratio Lower Upper
95 100
97 68.3 44.4 82.4
132 84.4 65.9 122.5
130 62.5 67.4 125.2#



#40
1,2-Dichloropropane
Concen: 3.12 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.085 min
Lab File: VW018579.D
Acq: 07 Apr 2021 14:30

Tgt Ion: 63 Resp: 13320
Ion Ratio Lower Upper
63 100
112 0.6 4.2 6.4#

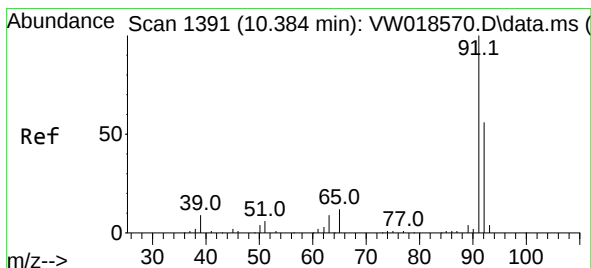
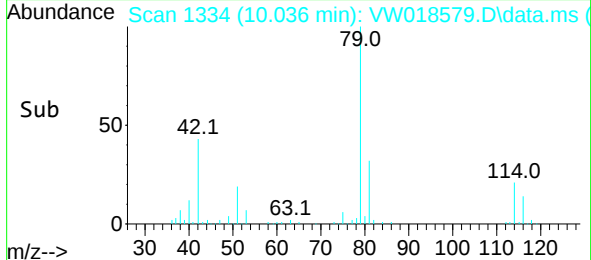
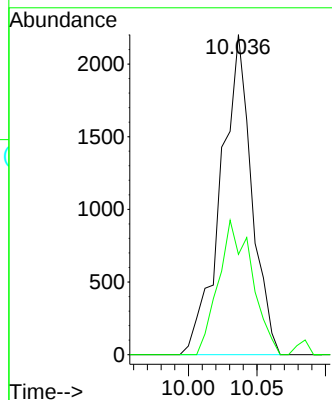
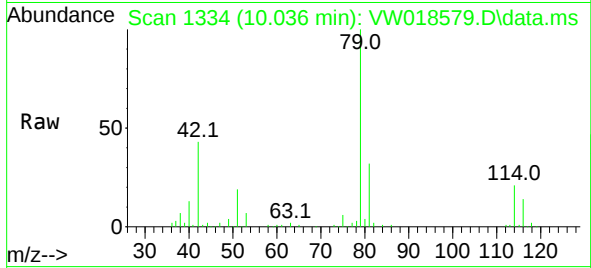




#42
 cis-1,3-Dichloropropene
 Concen: 0.48 ug/L
 RT: 10.036 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW018579.D
 Acq: 07 Apr 2021 14:30

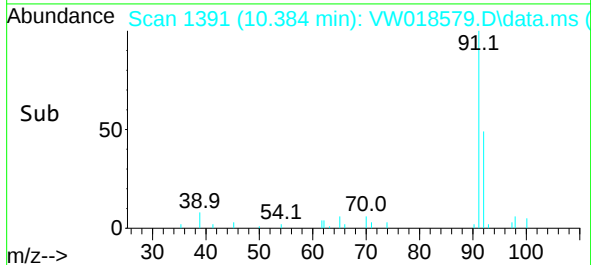
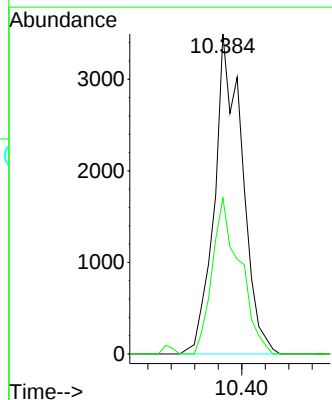
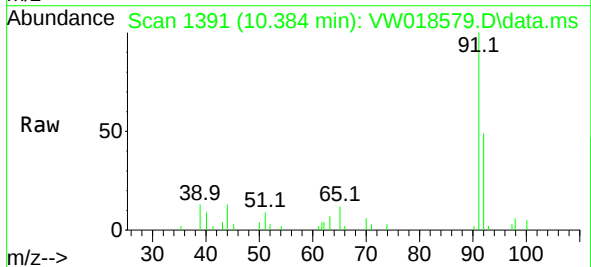
Instrument :
 MSVOA_W
 ClientSampled :

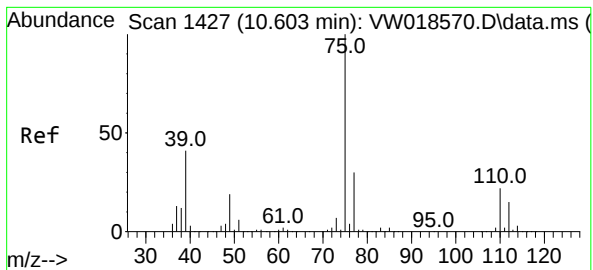
Tgt Ion: 75 Resp: 3465
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.4 41.6



#44
 Toluene
 Concen: 0.29 ug/L
 RT: 10.384 min Scan# 1391
 Delta R.T. -0.000 min
 Lab File: VW018579.D
 Acq: 07 Apr 2021 14:30

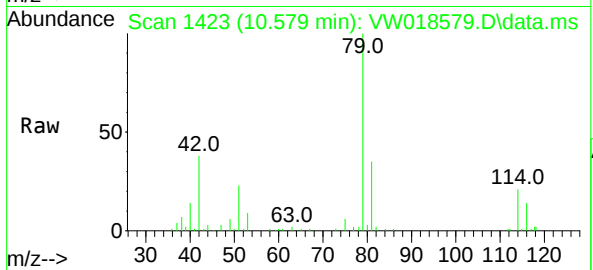
Tgt Ion: 91 Resp: 5736
 Ion Ratio Lower Upper
 91 100
 92 48.7 42.3 78.5





#45
 trans-1,3-Dichloropropene
 Concen: 0.37 ug/L
 RT: 10.579 min Scan# 1423
 Delta R.T. -0.024 min
 Lab File: VW018579.D
 Acq: 07 Apr 2021 14:30

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 2429

Ion	Ratio	Lower	Upper
75	100		
77	39.7	22.6	42.0

