

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018584.D
 Acq On : 07 Apr 2021 16:30
 Operator : SY/VA
 Sample : M1881-19RE
 Misc : 5.78G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:37:34 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)

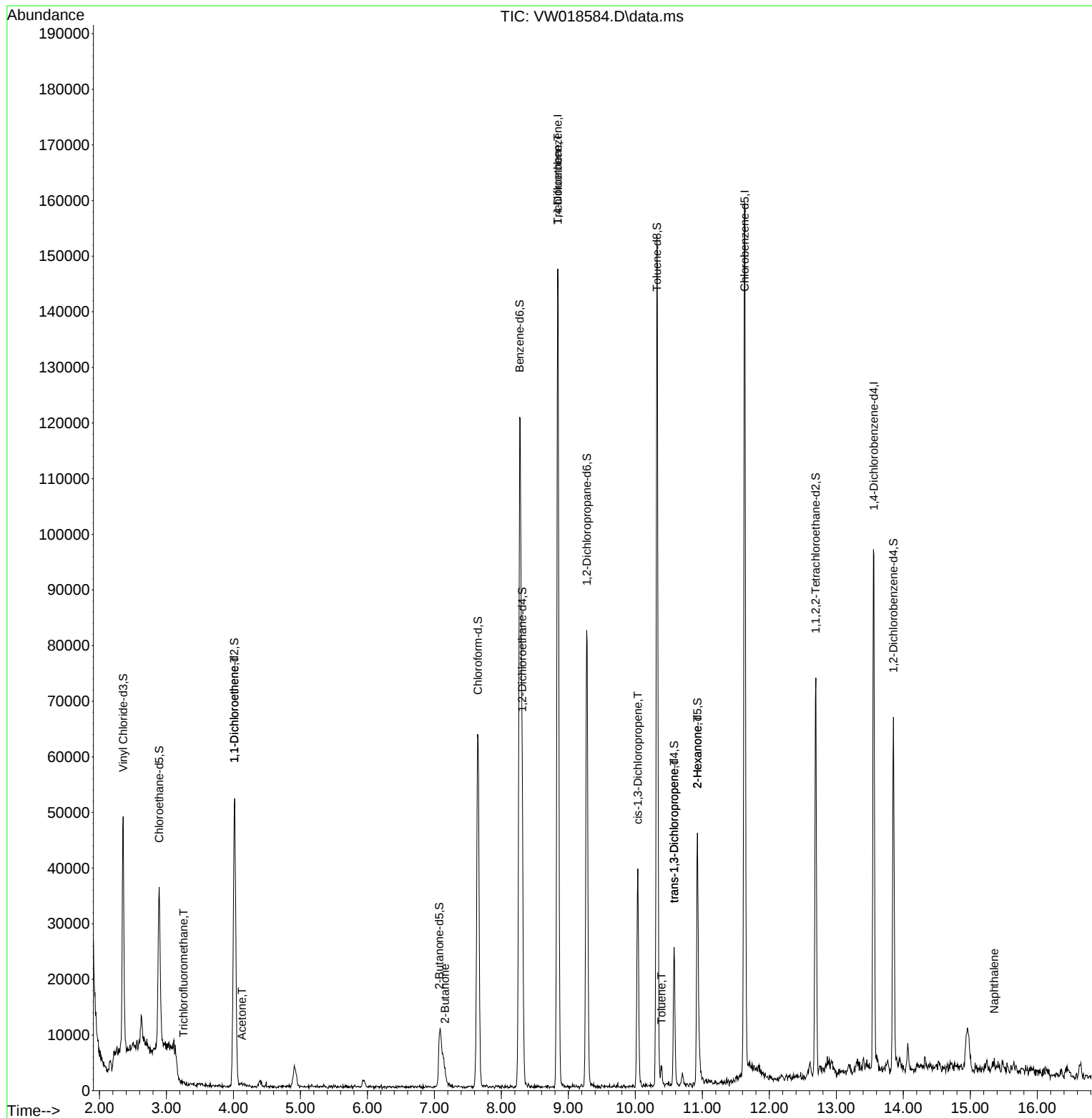
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	122645	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	86367	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	23623	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	42995	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.76%
7) Chloroethane-d5	2.891	69	34422	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.16%
10) 1,1-Dichloroethene-d2	4.013	63	47077	15.98	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.92%
20) 2-Butanone-d5	7.074	46	17679	46.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.06%
24) Chloroform-d	7.653	84	64899	20.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.12%
26) 1,2-Dichloroethane-d4	8.311	65	43549	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.52%
29) Benzene-d6	8.275	84	121734	26.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.04%
33) 1,2-Dichloropropane-d6	9.274	67	37107	28.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.08%
37) Toluene-d8	10.323	98	100399	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.84%
38) trans-1,3-Dichloroprop...	10.579	79	12898	18.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.52%
39) 2-Hexanone-d5	10.927	63	15108	58.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.58%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	33557	28.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.28%
61) 1,2-Dichlorobenzene-d4	13.853	152	15077	17.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.80%#
Target Compounds						Qvalue
9) Trichlorofluoromethane	3.257	101	231	0.20	ug/L #	31
12) 1,1-Dichloroethene	4.013	96	500	0.32	ug/L #	1
13) Acetone	4.129	43	759	2.78	ug/L	77
21) 2-Butanone	7.159	43	1330	3.07	ug/L #	42
35) Trichloroethene	8.842	95	3936	2.85	ug/L #	6
42) cis-1,3-Dichloropropene	10.036	75	1217	0.59	ug/L #	83
44) Toluene	10.390	91	1978	0.35	ug/L	87
45) trans-1,3-Dichloropropene	10.579	75	749	0.40	ug/L #	1
49) 2-Hexanone	10.927	43	1752	3.36	ug/L #	65
69) Naphthalene	15.359	128	513	0.27	ug/L #	95

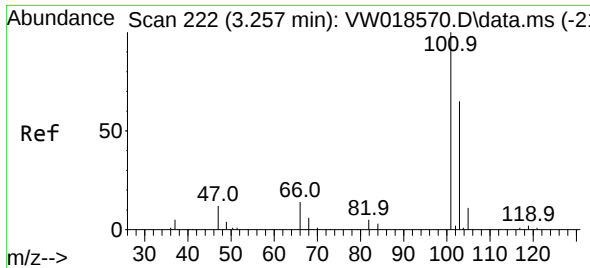
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 08 05:34:15 2021
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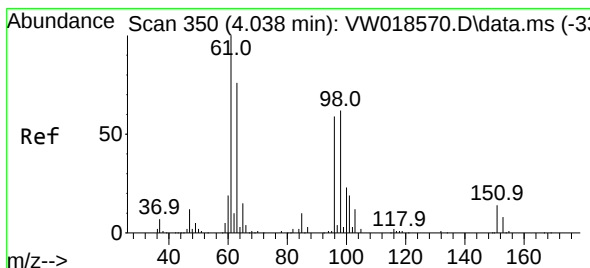
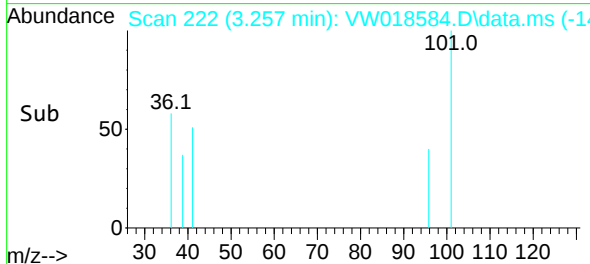
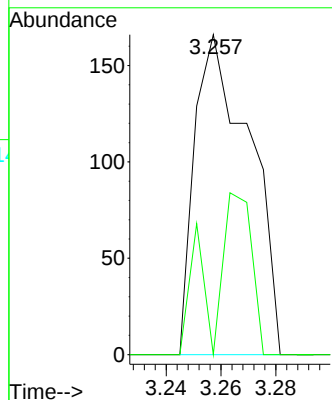
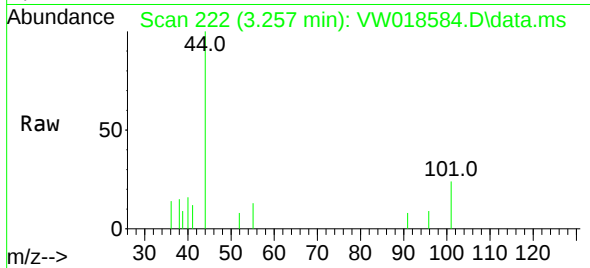




#9
 Trichlorofluoromethane
 Concen: 0.20 ug/L
 RT: 3.257 min Scan# 222
 Delta R.T. 0.000 min
 Lab File: VW018584.D
 Acq: 07 Apr 2021 16:30

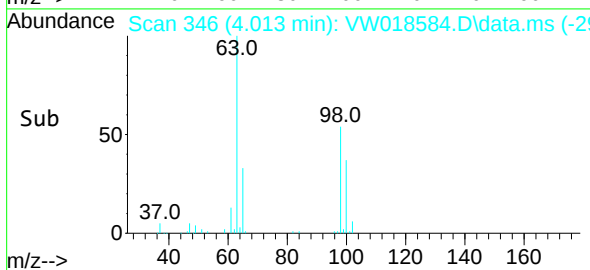
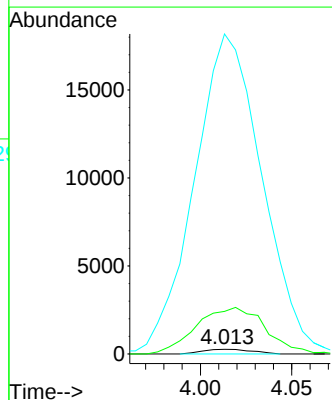
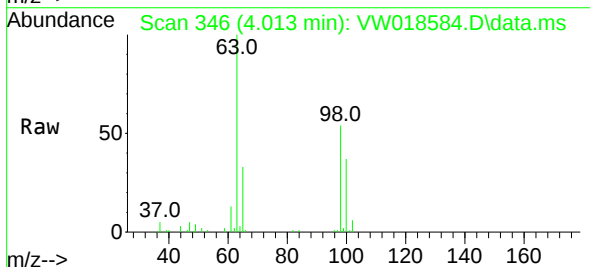
Instrument :
 MSVOA_W
 ClientSampled :

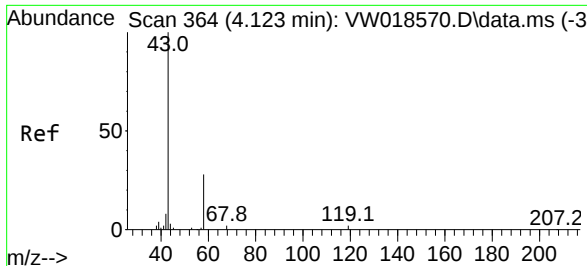
Tgt Ion:101 Resp: 231
 Ion Ratio Lower Upper
 101 100
 103 10.8 45.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 0.32 ug/L
 RT: 4.013 min Scan# 346
 Delta R.T. -0.024 min
 Lab File: VW018584.D
 Acq: 07 Apr 2021 16:30

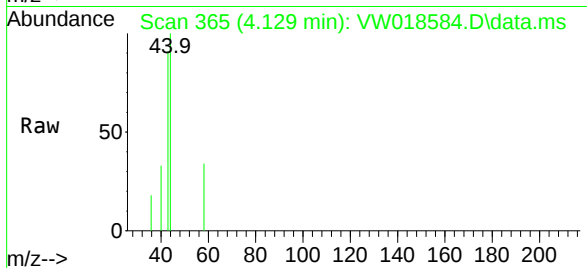
Tgt Ion: 96 Resp: 500
 Ion Ratio Lower Upper
 96 100
 61 907.5 118.6 220.2#
 63 6836.1 82.4 153.0#



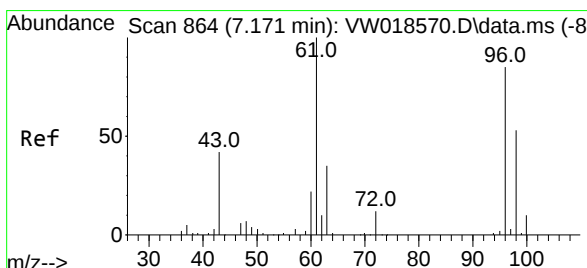
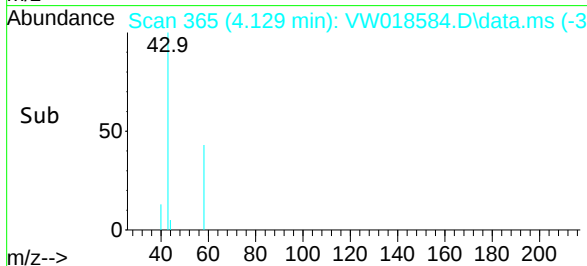
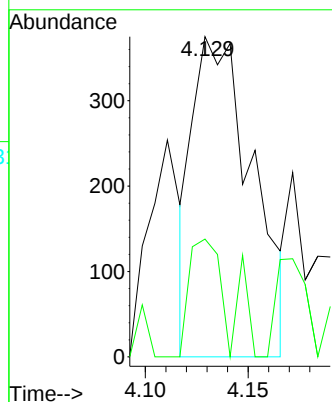


#13
Acetone
Concen: 2.78 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018584.D
Acq: 07 Apr 2021 16:30

Instrument :
MSVOA_W
ClientSampled :

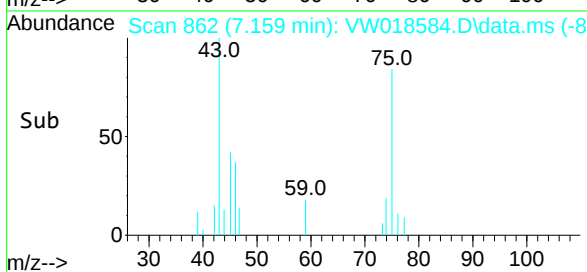
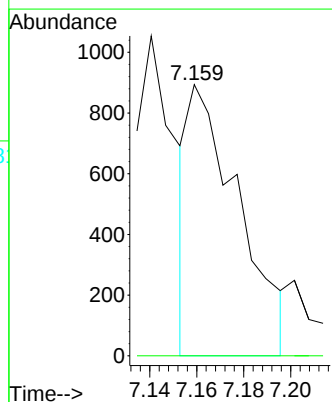
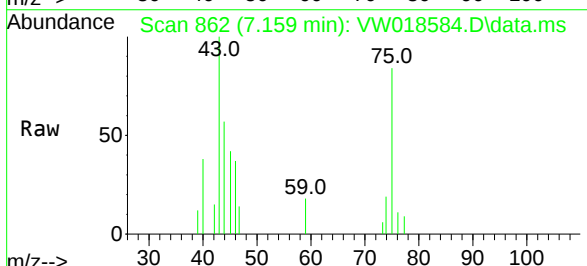


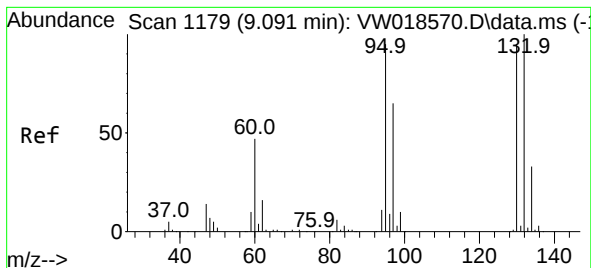
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 18.7 0.0 62.2



#21
2-Butanone
Concen: 3.07 ug/L
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW018584.D
Acq: 07 Apr 2021 16:30

Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
72 0.0 16.5 49.5#





#35

Trichloroethene

Concen: 2.85 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW018584.D

Acq: 07 Apr 2021 16:30

Tgt Ion: 95 Resp: 3936

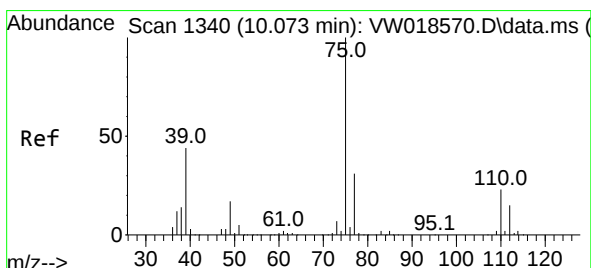
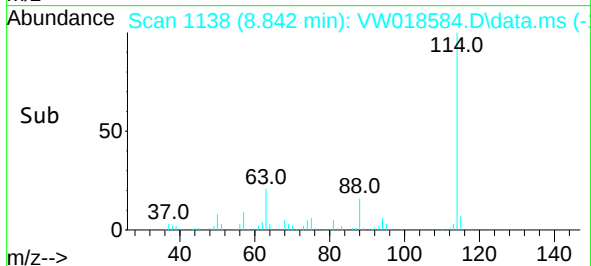
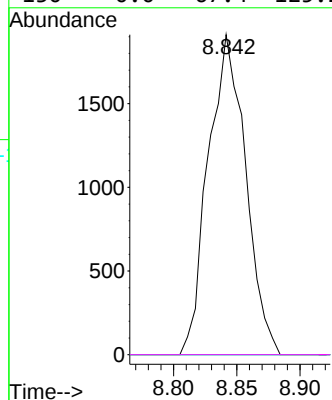
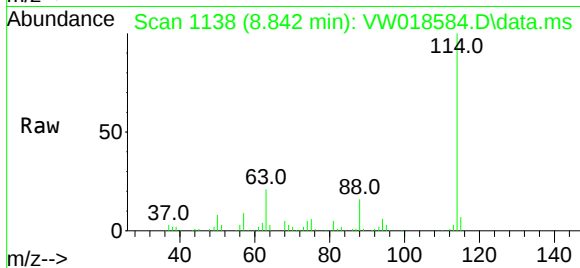
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.9 122.5#

130 0.0 67.4 125.2#



#42

cis-1,3-Dichloropropene

Concen: 0.59 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW018584.D

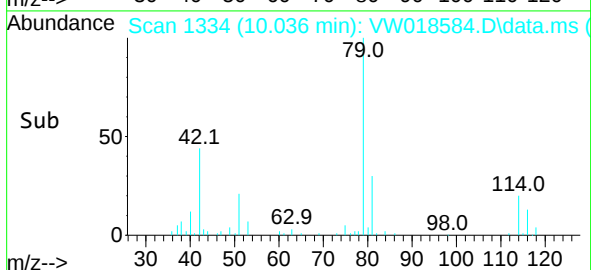
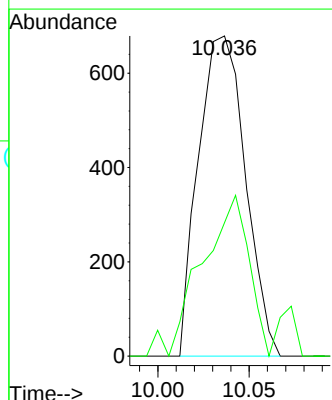
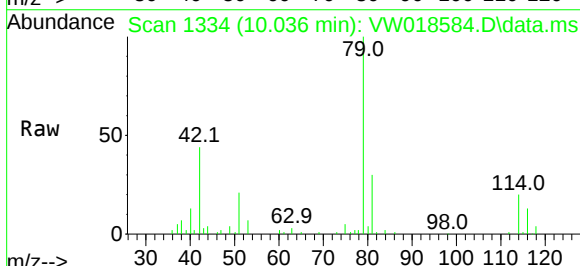
Acq: 07 Apr 2021 16:30

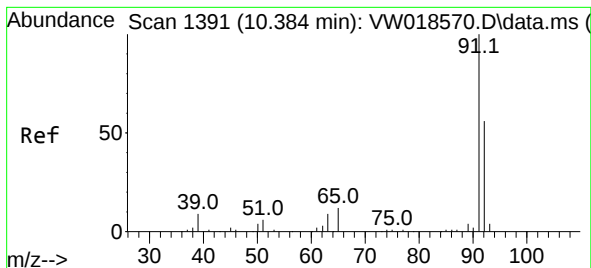
Tgt Ion: 75 Resp: 1217

Ion Ratio Lower Upper

75 100

77 41.7 22.4 41.6#





#44

Toluene

Concen: 0.35 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018584.D

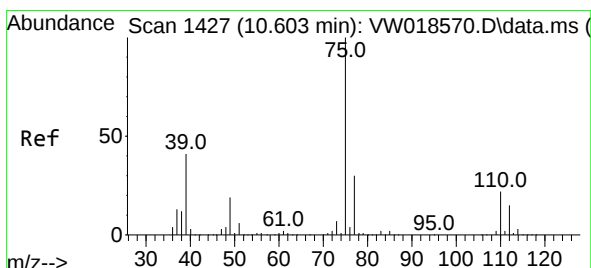
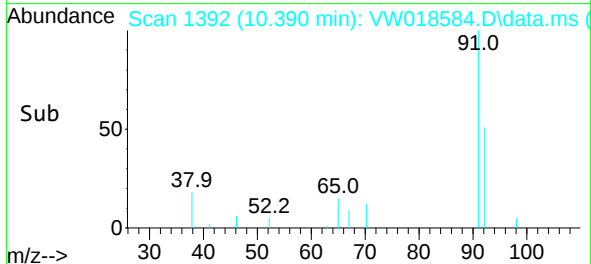
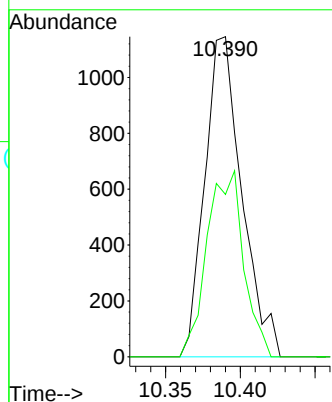
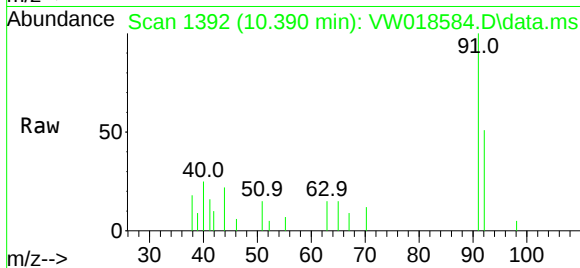
Acq: 07 Apr 2021 16:30

Tgt Ion: 91 Resp: 1978

Ion Ratio Lower Upper

91 100

92 50.7 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 0.40 ug/L

RT: 10.579 min Scan# 1423

Delta R.T. -0.024 min

Lab File: VW018584.D

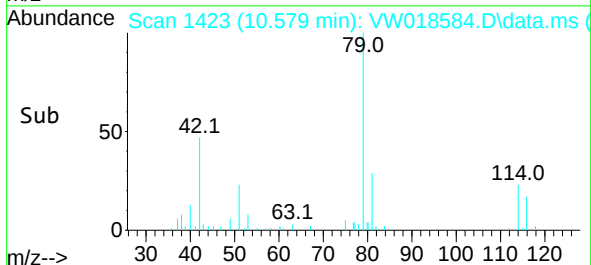
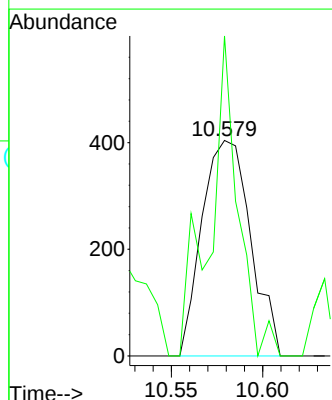
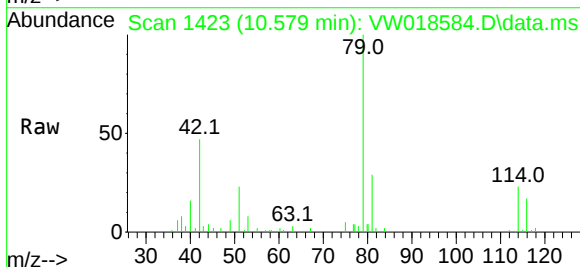
Acq: 07 Apr 2021 16:30

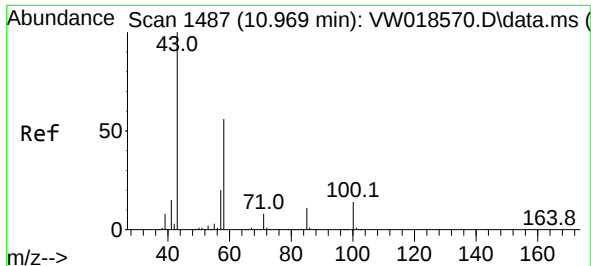
Tgt Ion: 75 Resp: 749

Ion Ratio Lower Upper

75 100

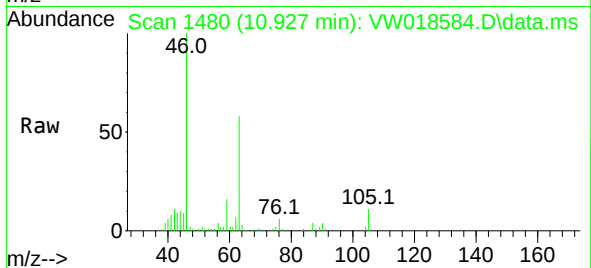
77 148.5 22.6 42.0#



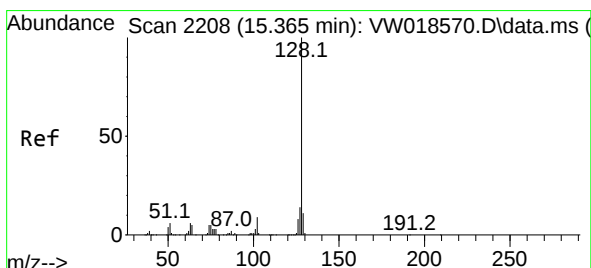
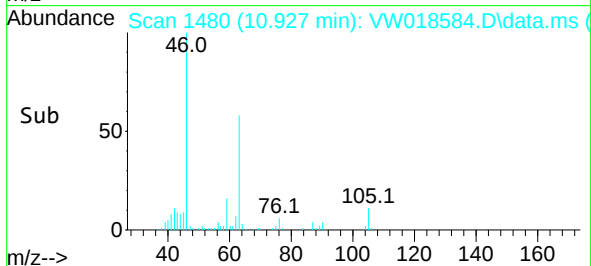
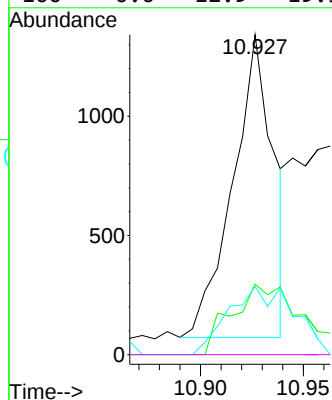


#49
2-Hexanone
Concen: 3.36 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018584.D
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Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 43 Resp: 1752
Ion Ratio Lower Upper
43 100
58 32.0 47.3 70.9#
57 36.3 17.3 25.9#
100 0.0 12.9 19.3#



#69
Naphthalene
Concen: 0.27 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018584.D
Acq: 07 Apr 2021 16:30

Tgt Ion: 128 Resp: 513
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 9.9 10.7 16.1#

