

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017865.D
 Acq On : 13 Jan 2021 22:11
 Operator : SY/VA
 Sample : M1099-09
 Misc : 4.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1COO

Quant Time: Jan 14 11:44:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	275170	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	216900	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	67474	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109916	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.28%
7) Chloroethane-d5	2.89	69	88253	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
10) 1,1-Dichloroethene-d2	4.02	63	132796	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	7.08	46	50698	73.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.94%#
24) Chloroform-d	7.65	84	173570	24.14	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	8.31	65	111564	29.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.92%
29) Benzene-d6	8.27	84	331736	27.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.60%
33) 1,2-Dichloropropane-d6	9.27	67	100990	29.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.96%
37) Toluene-d8	10.32	98	269849	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	10.58	79	31433	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.76%
39) 2-Hexanone-d5	10.93	63	33357	78.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.74%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84628	33.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.40%#
61) 1,2-Dichlorobenzene-d4	13.85	152	58219	24.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.12%

Target Compounds

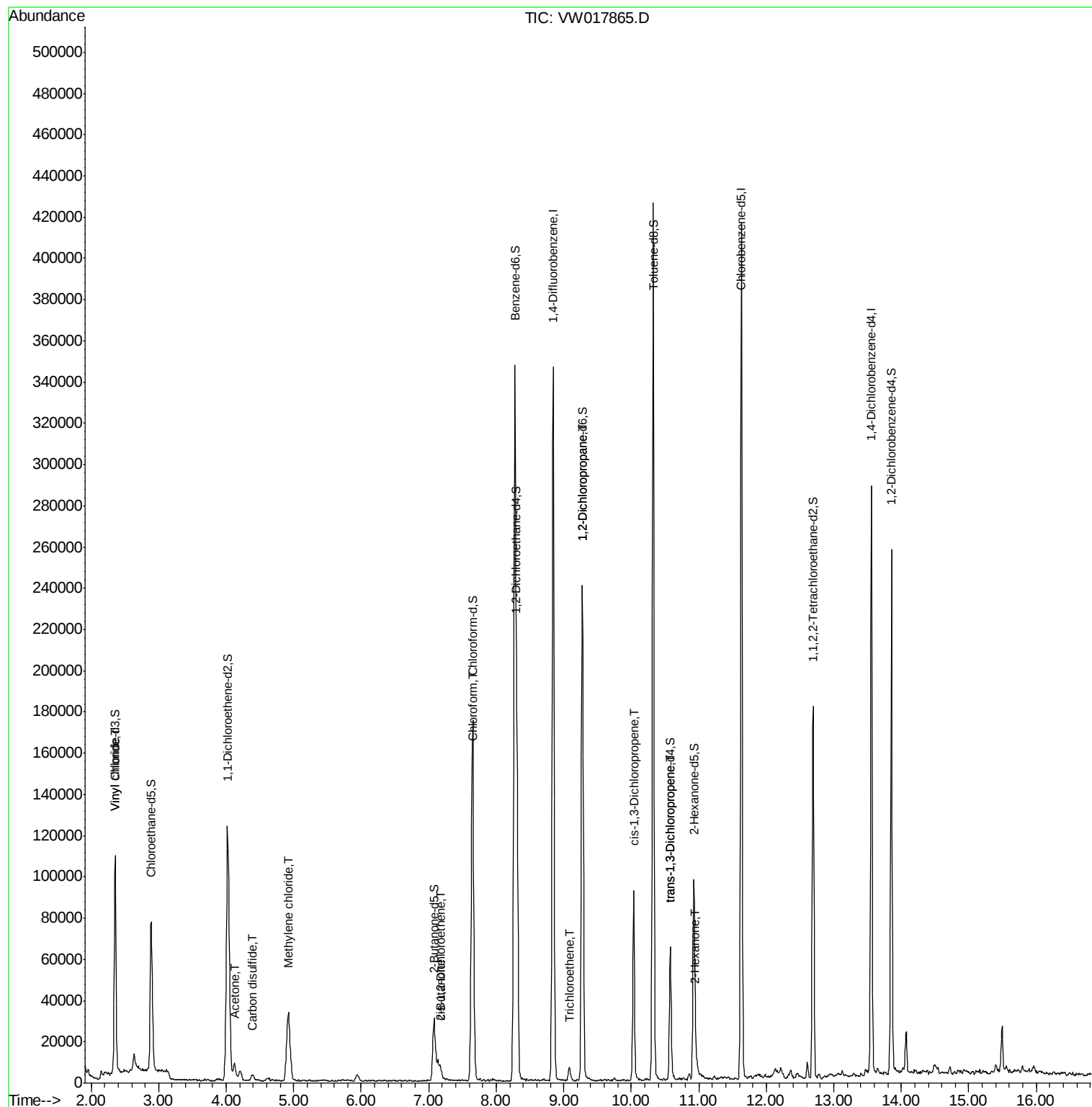
					Qvalue
5) Vinyl chloride	2.36	62	1082	0.237 ug/L #	1
13) Acetone	4.12	43	14531	24.386 ug/L	99
14) Carbon disulfide	4.39	76	5218	0.515 ug/L	98
16) Methylene chloride	4.92	84	27395	6.962 ug/L	97
21) 2-Butanone	7.17	43	5547	6.921 ug/L #	68
22) cis-1,2-Dichloroethene	7.17	96	761	0.198 ug/L	91
25) Chloroform	7.67	83	2161	0.329 ug/L #	17
35) Trichloroethene	9.09	95	834	0.243 ug/L #	60
40) 1,2-Dichloropropane	9.27	63	13387	4.573 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2935	0.628 ug/L	89
45) trans-1,3-Dichloropropene	10.58	75	1997	0.502 ug/L #	67
49) 2-Hexanone	10.96	43	3717	3.683 ug/L #	72

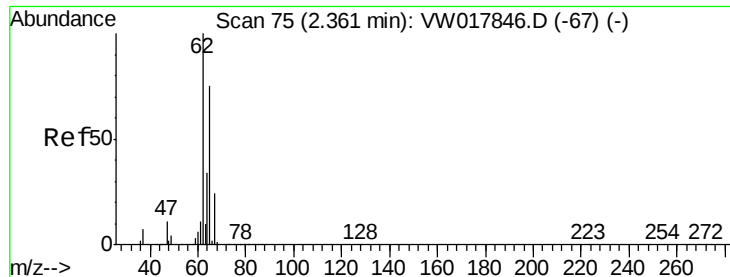
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
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Sample : M1099-09
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F1COO

Quant Time: Jan 14 11:44:26 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 14 11:39:57 2021
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.237 ug/L

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW017865.D

Acq: 13 Jan 2021 22:11

Instrument :

MSVOA_W

ClientSampleId :

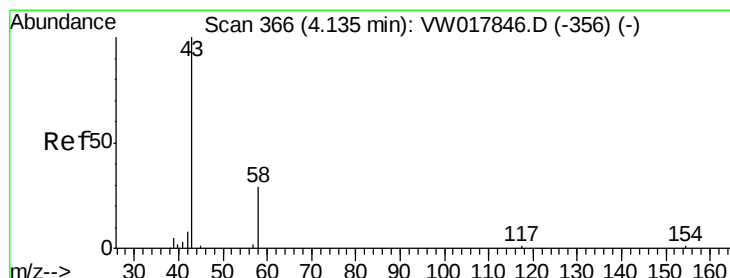
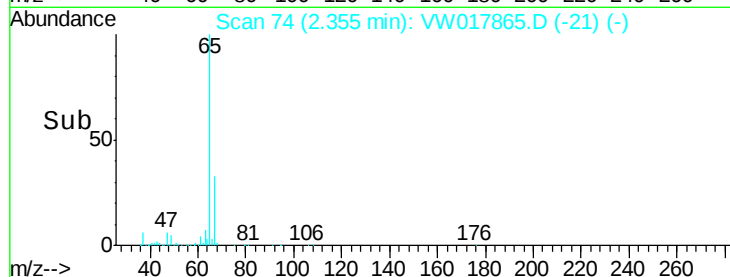
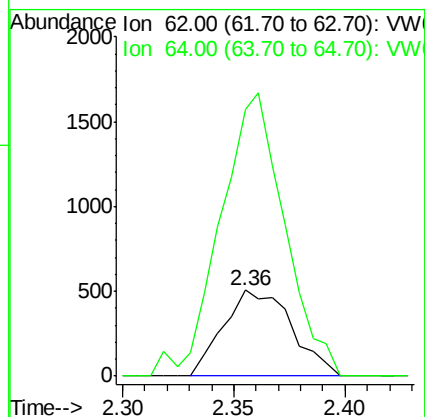
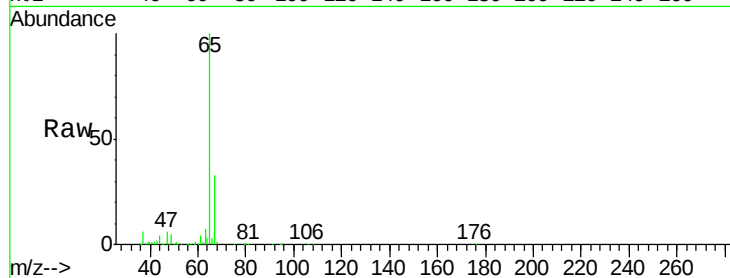
F1COO

Tgt Ion: 62 Resp: 1082

Ion Ratio Lower Upper

62 100

64 310.9 23.3 43.3#



#13

Acetone

Concen: 24.386 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017865.D

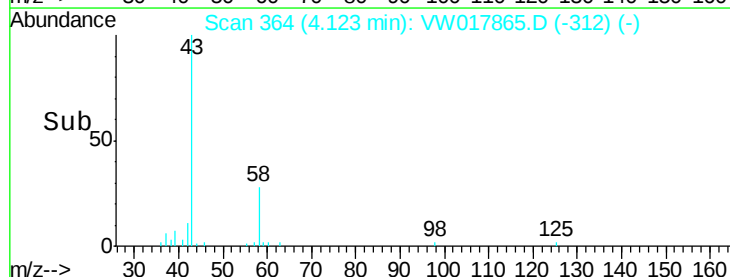
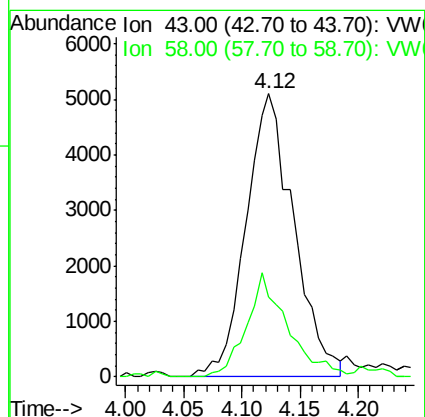
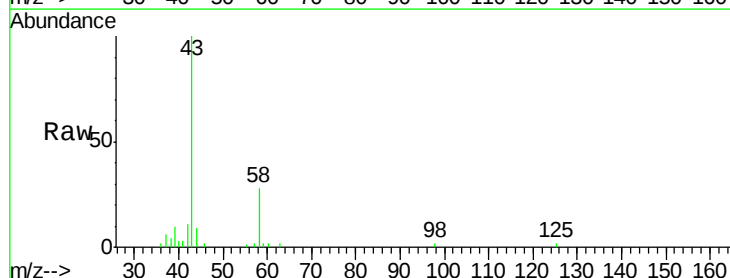
Acq: 13 Jan 2021 22:11

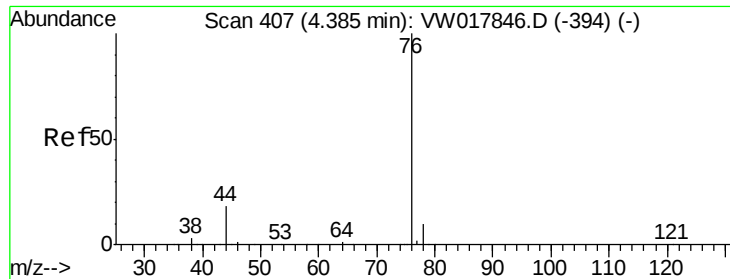
Tgt Ion: 43 Resp: 14531

Ion Ratio Lower Upper

43 100

58 30.0 0.0 60.8





#14

Carbon disulfide

Concen: 0.515 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017865.D

Acq: 13 Jan 2021 22:11

Instrument :

MSVOA_W

ClientSampleId :

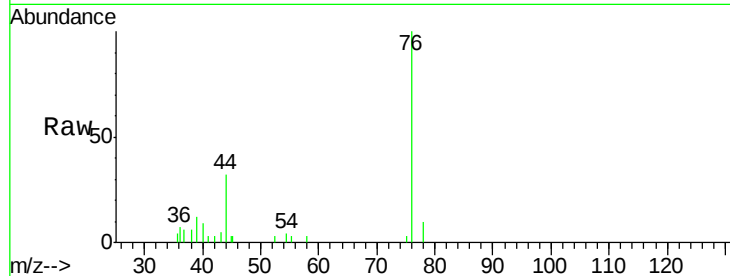
F1COO

Tgt Ion: 76 Resp: 5218

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.39

2000

1500

1000

500

0

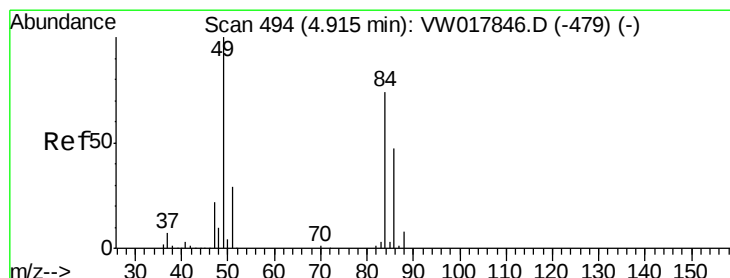
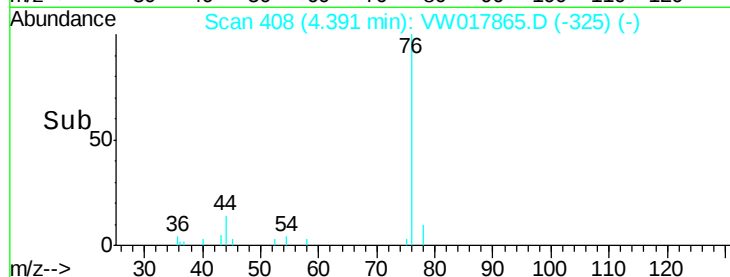
4.30

4.35

4.40

4.45

Time-->



#16

Methylene chloride

Concen: 6.962 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017865.D

Acq: 13 Jan 2021 22:11

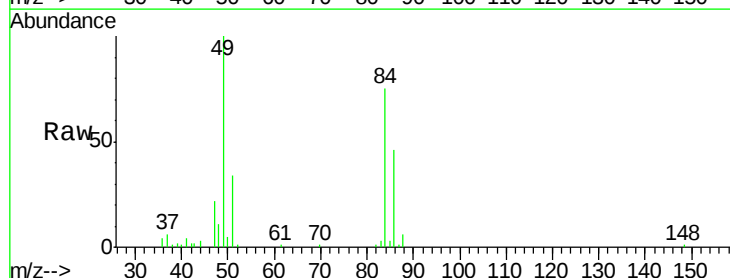
Tgt Ion: 84 Resp: 27395

Ion Ratio Lower Upper

84 100

49 132.6 90.5 168.1

86 60.8 44.8 83.2



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.92

10000

5000

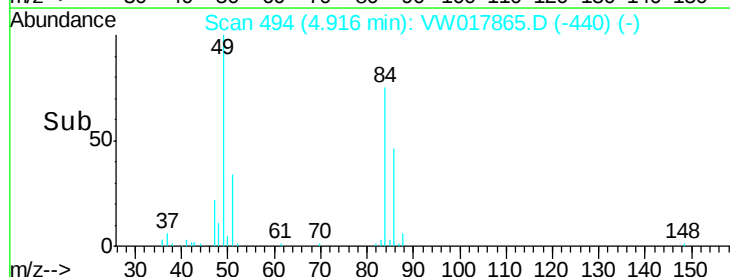
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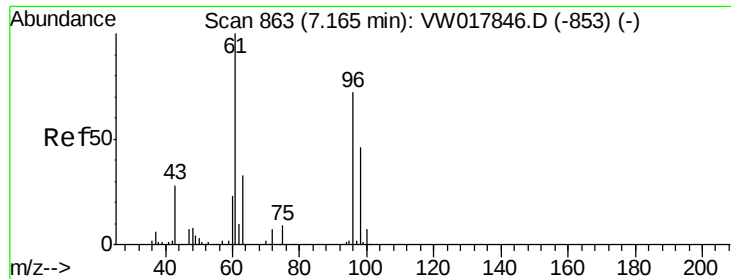
4.80

4.90

5.00

Time-->





#21

2-Butanone

Concen: 6.921 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW017865.D

Acq: 13 Jan 2021 22:11

Instrument :

MSVOA_W

ClientSampled :

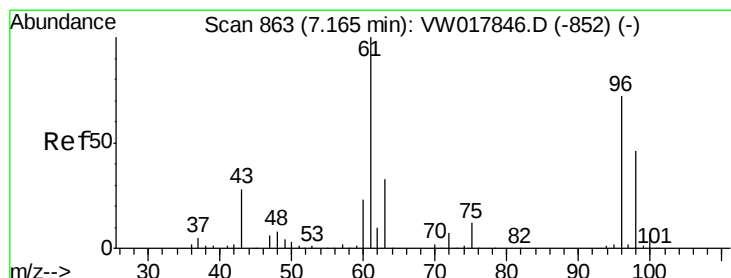
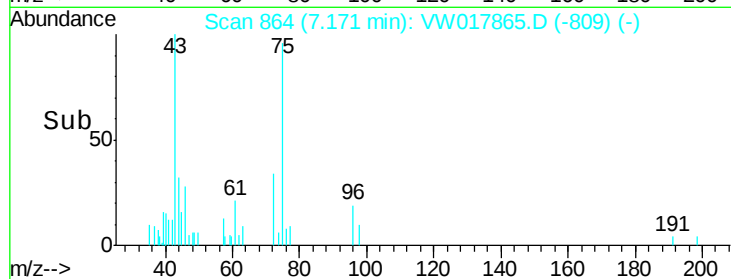
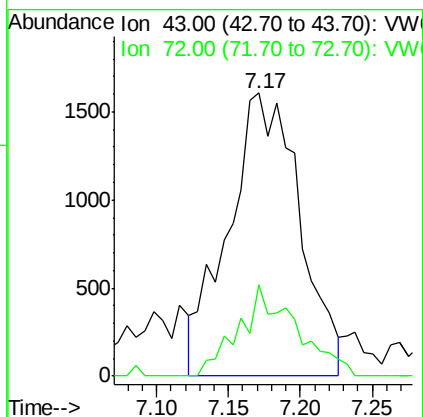
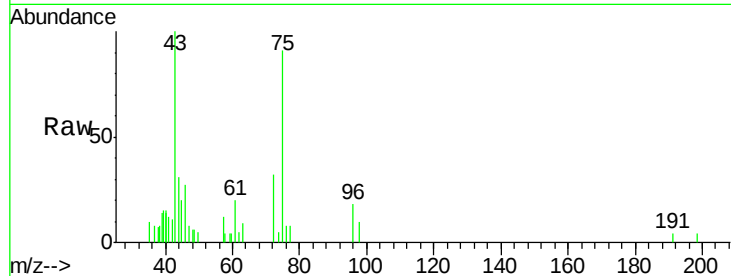
F1COO

Tgt Ion: 43 Resp: 5547

Ion Ratio Lower Upper

43 100

72 13.4 15.4 46.2#



#22

cis-1,2-Dichloroethene

Concen: 0.198 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW017865.D

Acq: 13 Jan 2021 22:11

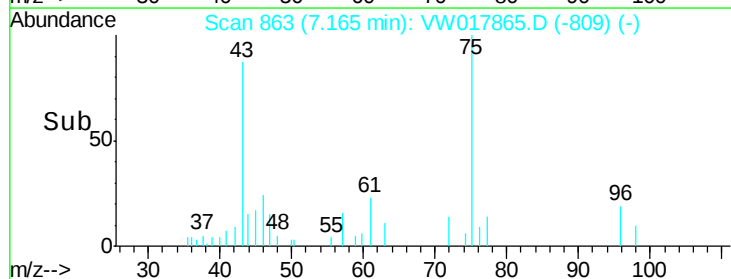
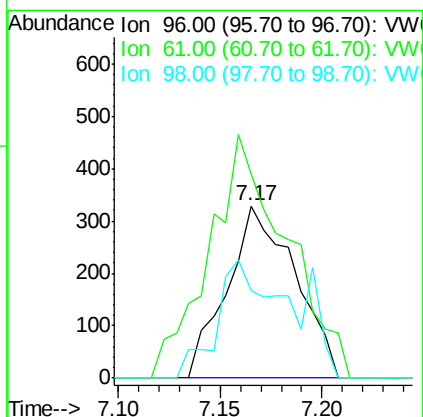
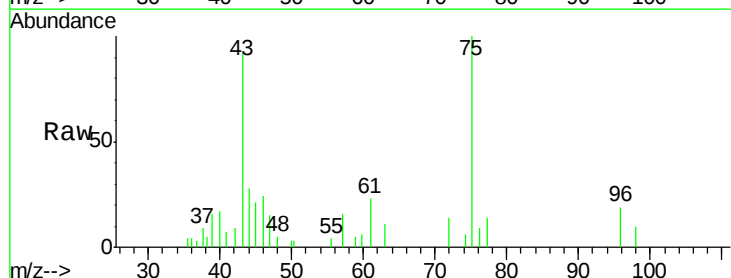
Tgt Ion: 96 Resp: 761

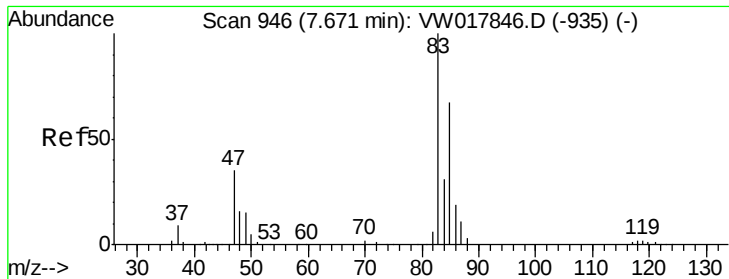
Ion Ratio Lower Upper

96 100

61 118.2 88.2 163.8

98 51.1 43.7 81.1

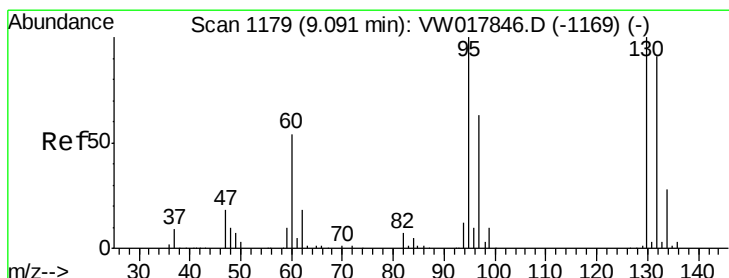
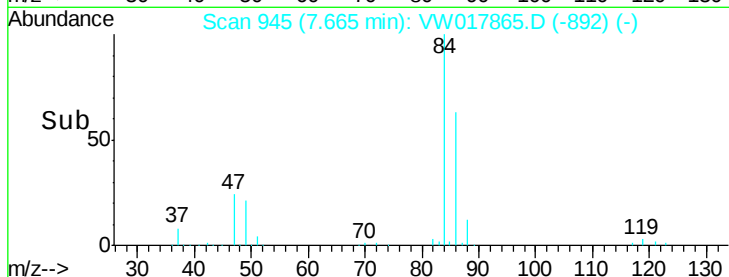
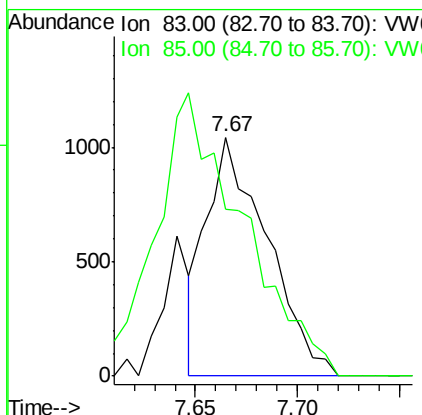
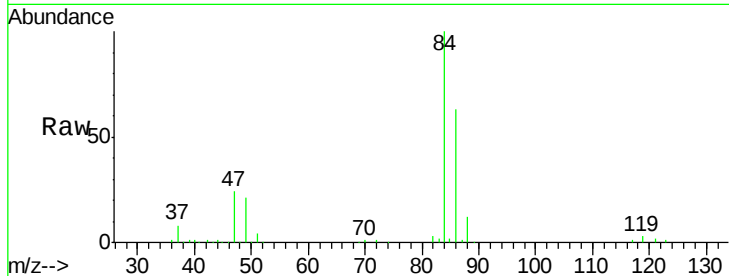




#25
Chloroform
Concen: 0.329 ug/L
RT: 7.67 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW017865.D
Acq: 13 Jan 2021 22:11

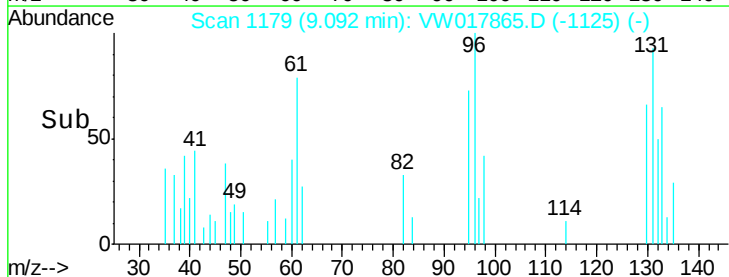
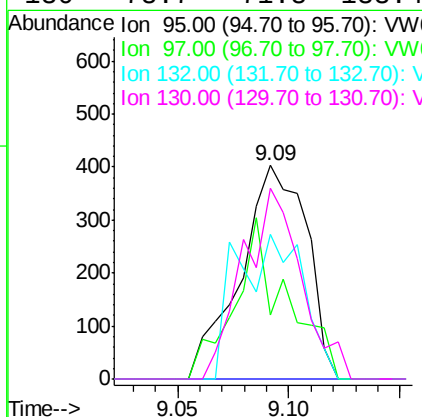
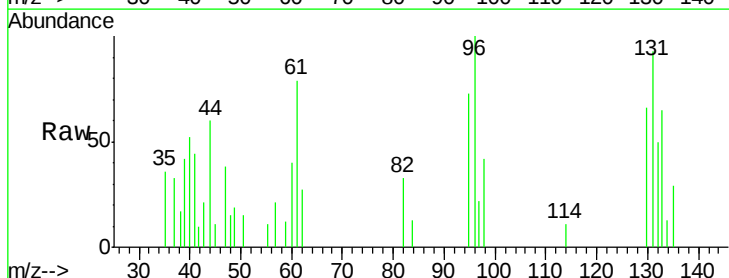
Instrument :
MSVOA_W
ClientSampled :
F1COO

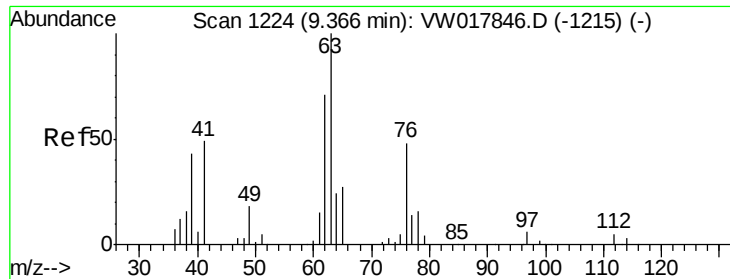
Tgt Ion: 83 Resp: 2161
Ion Ratio Lower Upper
83 100
85 0.0 45.7 84.9#



#35
Trichloroethene
Concen: 0.243 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW017865.D
Acq: 13 Jan 2021 22:11

Tgt Ion: 95 Resp: 834
Ion Ratio Lower Upper
95 100
97 37.4 46.8 87.0#
132 40.3 68.3 126.9#
130 78.7 71.8 133.4

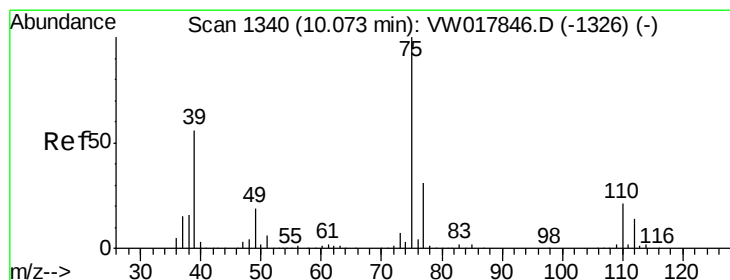
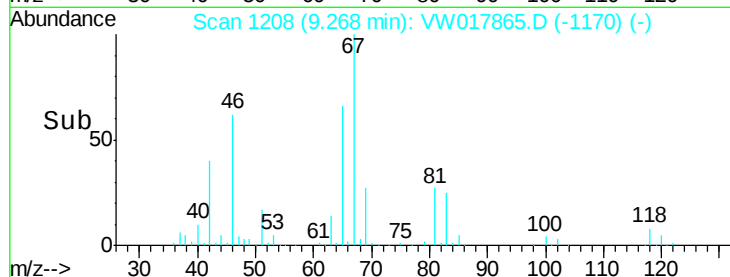
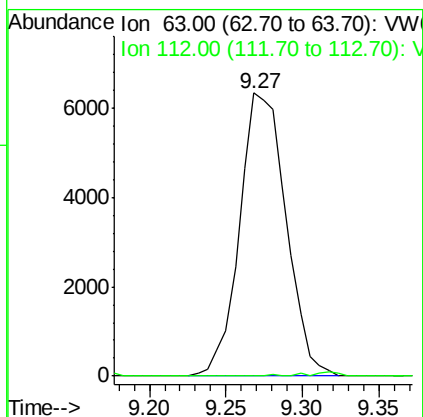
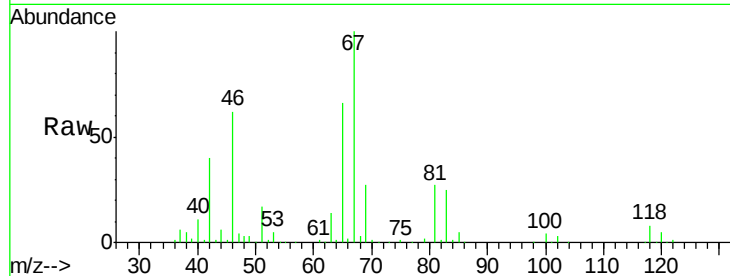




#40
 1,2-Dichloropropane
 Concen: 4.573 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW017865.D
 Acq: 13 Jan 2021 22:11

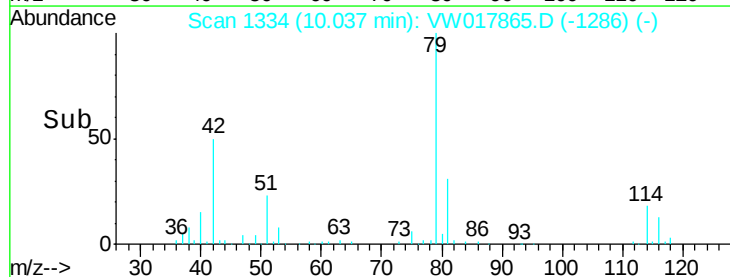
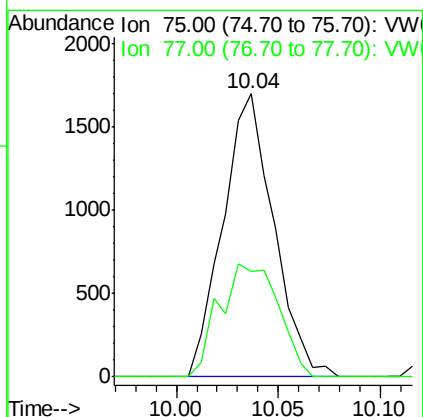
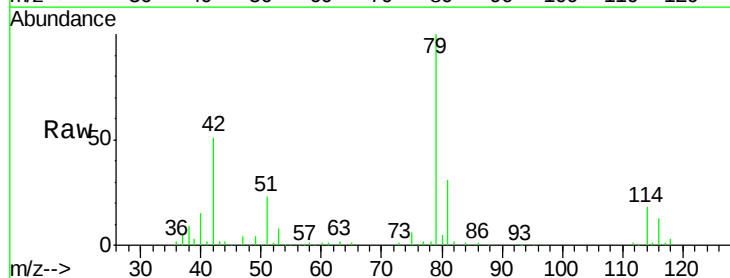
Instrument :
 MSVOA_W
 ClientSampleId :
 F1COO

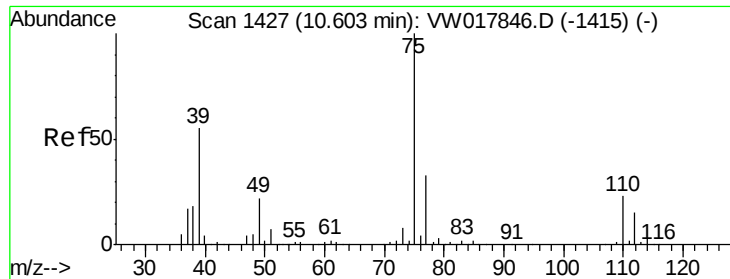
Tgt Ion: 63 Resp: 13387
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.628 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017865.D
 Acq: 13 Jan 2021 22:11

Tgt Ion: 75 Resp: 2935
 Ion Ratio Lower Upper
 75 100
 77 37.1 21.6 40.2





#45

trans-1,3-Dichloropropene

Concen: 0.502 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017865.D

Acq: 13 Jan 2021 22:11

Instrument :

MSVOA_W

ClientSampled :

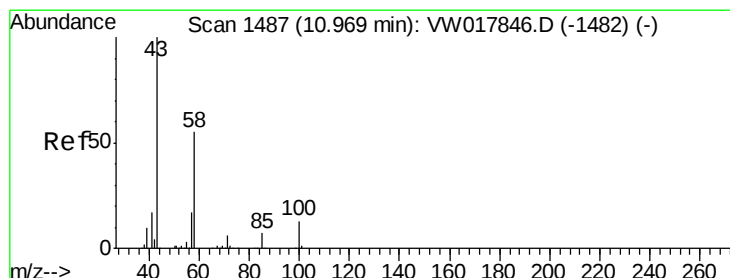
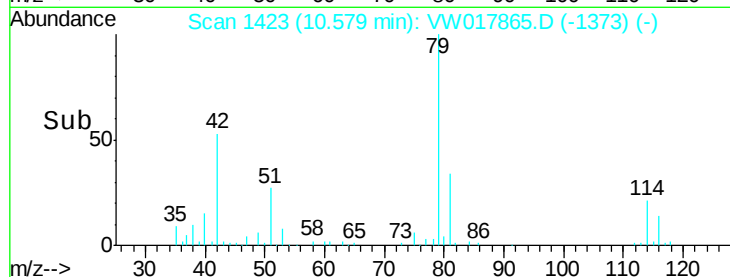
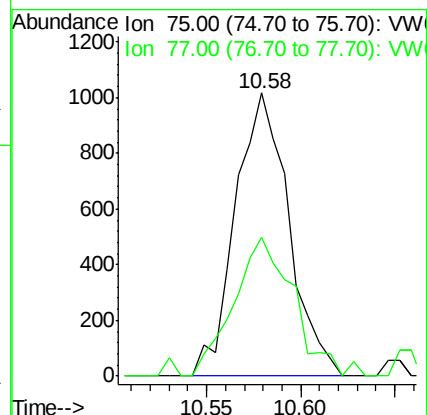
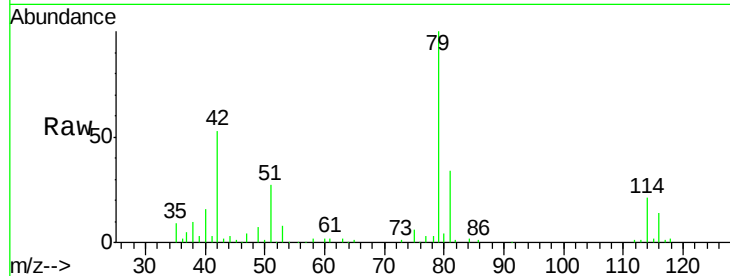
F1COO

Tgt Ion: 75 Resp: 1997

Ion Ratio Lower Upper

75 100

77 48.9 21.6 40.0#



#49

2-Hexanone

Concen: 3.683 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW017865.D

Acq: 13 Jan 2021 22:11

Tgt Ion: 43 Resp: 3717

Ion Ratio Lower Upper

43 100

58 33.3 44.2 66.4#

57 7.6 16.1 24.1#

100 5.4 11.0 16.4#

