

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017880.D
 Acq On : 14 Jan 2021 15:17
 Operator : SY/VA
 Sample : M1099-05RE
 Misc : 4.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 21:46:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	285728	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	241660	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83830	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108987	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
7) Chloroethane-d5	2.89	69	90480	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.20%
10) 1,1-Dichloroethene-d2	4.02	63	140101	18.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.76%
20) 2-Butanone-d5	7.08	46	42359	59.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.24%
24) Chloroform-d	7.65	84	189309	25.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	8.31	65	111936	28.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.84%
29) Benzene-d6	8.27	84	366231	26.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.60%
33) 1,2-Dichloropropane-d6	9.27	67	108515	28.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.68%
37) Toluene-d8	10.32	98	319839	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.84%
38) trans-1,3-Dichloropropene-	10.58	79	38695	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.56%
39) 2-Hexanone-d5	10.93	63	28914	61.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76796	27.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	72366	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

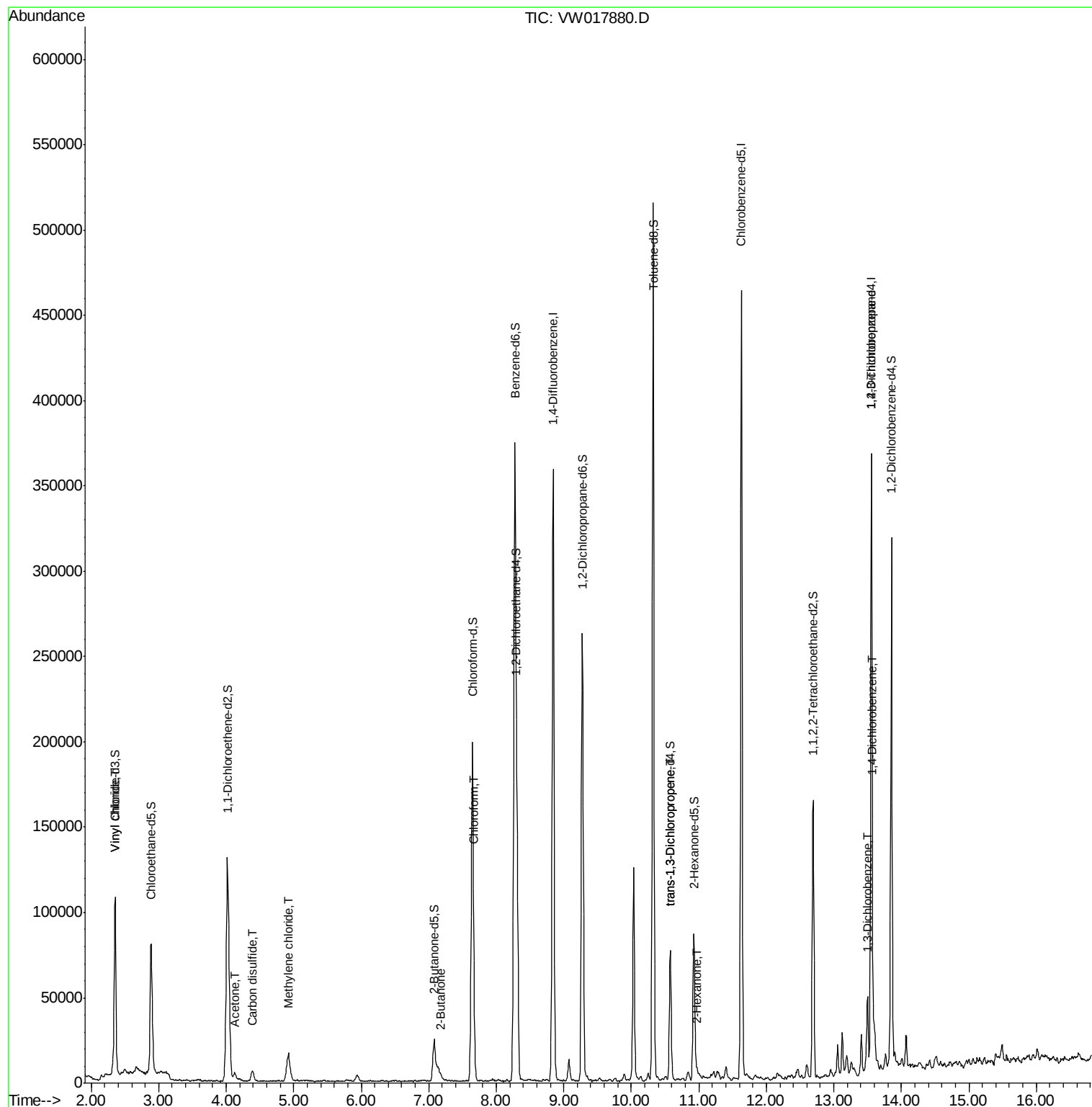
					Ovalue
5) Vinyl chloride	2.36	62	1100	0.232 ug/L #	1
13) Acetone	4.13	43	8397	13.571 ug/L	92
14) Carbon disulfide	4.39	76	13131	1.249 ug/L	99
16) Methylene chloride	4.92	84	12185	2.982 ug/L	91
21) 2-Butanone	7.18	43	2323	2.791 ug/L	85
25) Chloroform	7.67	83	3082	0.451 ug/L #	17
45) trans-1,3-Dichloropropene	10.58	75	2274	0.513 ug/L #	66
49) 2-Hexanone	10.98	43	1181	1.050 ug/L #	57
59) 1,2,3-Trichloropropane	13.56	75	15267	7.675 ug/L	95
63) 1,3-Dichlorobenzene	13.50	146	14683	2.838 ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	8048	1.548 ug/L	94

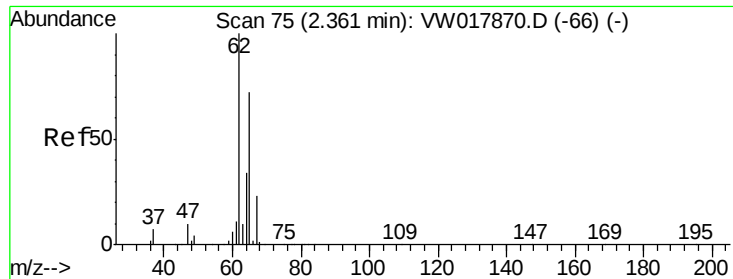
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011421\
Data File : VW017880.D
Acq On : 14 Jan 2021 15:17
Operator : SY/VA
Sample : M1099-05RE
Misc : 4.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 14 21:46:31 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 14 21:44:45 2021
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.232 ug/L

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW017880.D

Acq: 14 Jan 2021 15:17

Instrument :

MSVOA_W

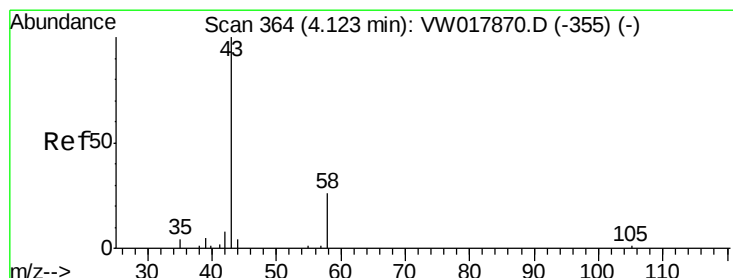
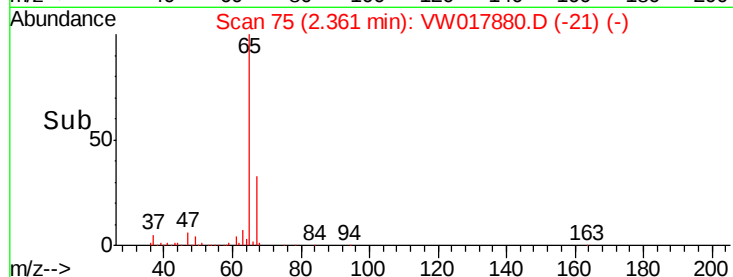
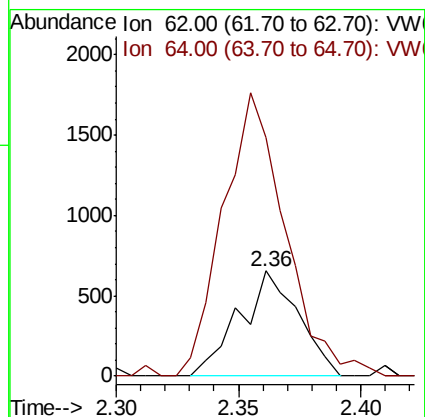
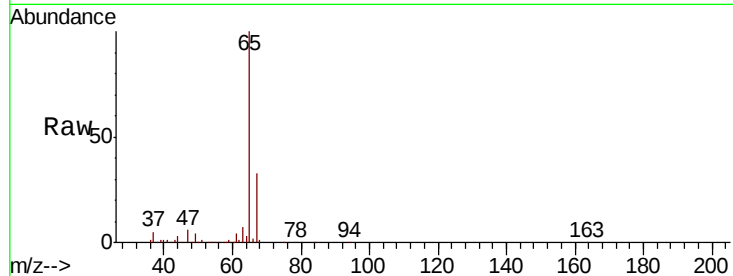
ClientSampleId :

Tot Ion: 62 Resp: 1100

Ion Ratio Lower Upper

62 100

64 226.4 23.3 43.3#



#13

Acetone

Concen: 13.571 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017880.D

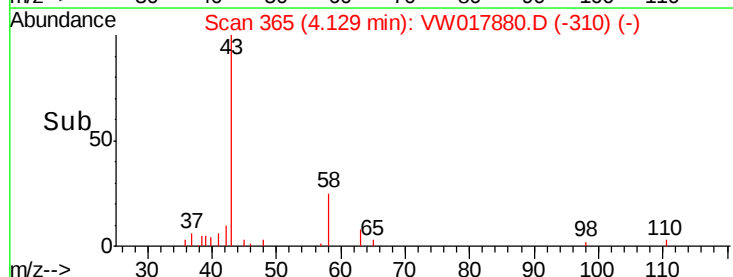
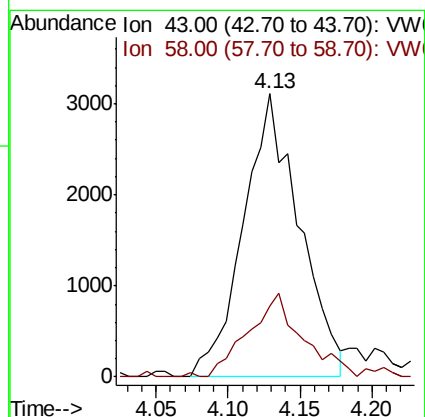
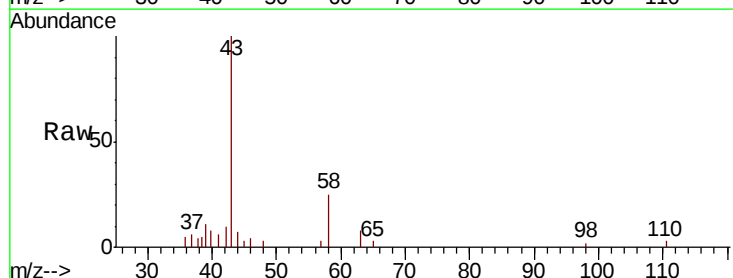
Acq: 14 Jan 2021 15:17

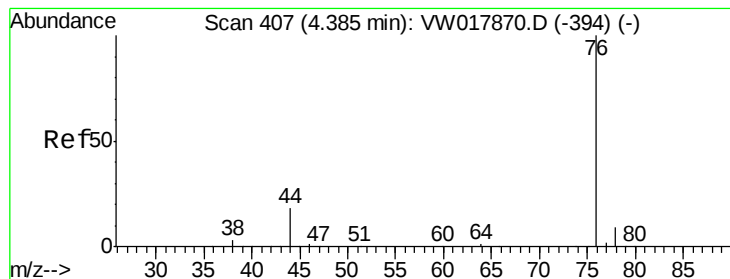
Tgt Ion: 43 Resp: 8397

Ion Ratio Lower Upper

43 100

58 26.0 0.0 60.8





#14

Carbon disulfide

Concen: 1.249 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017880.D

Acq: 14 Jan 2021 15:17

Instrument :

MSVOA_W

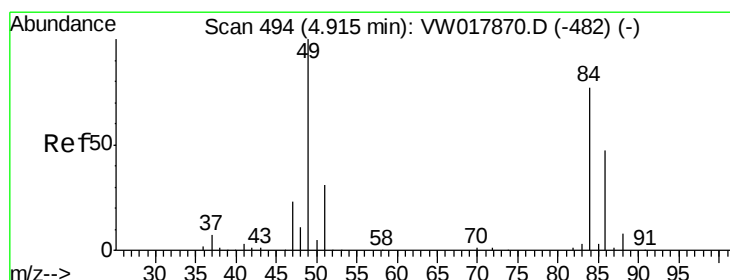
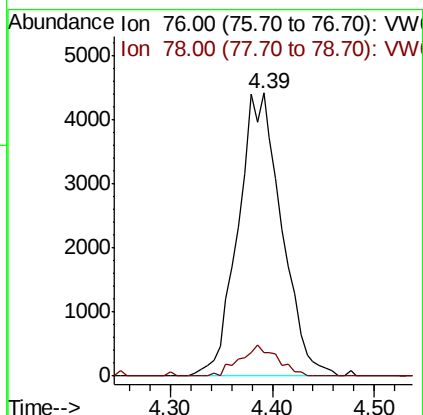
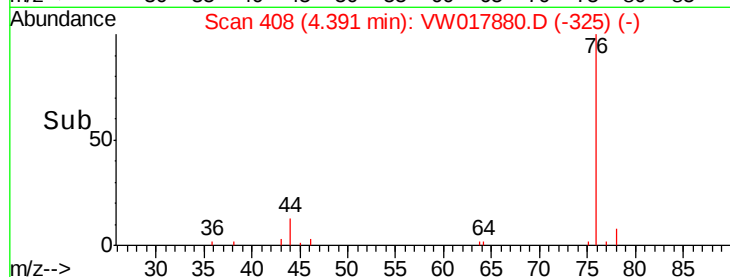
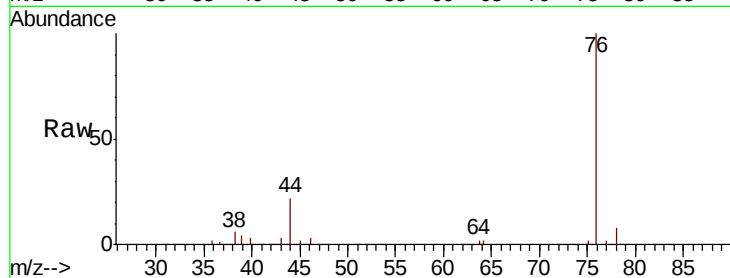
ClientSampleId :

Tot Ion: 76 Resp: 13131

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7



#16

Methylene chloride

Concen: 2.982 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017880.D

Acq: 14 Jan 2021 15:17

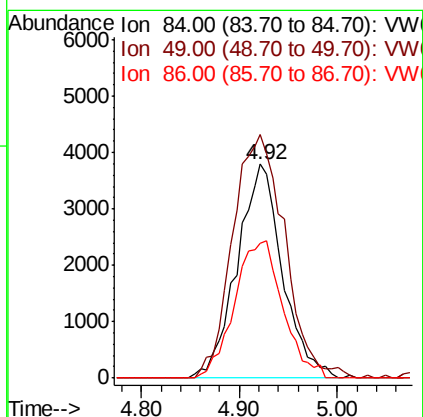
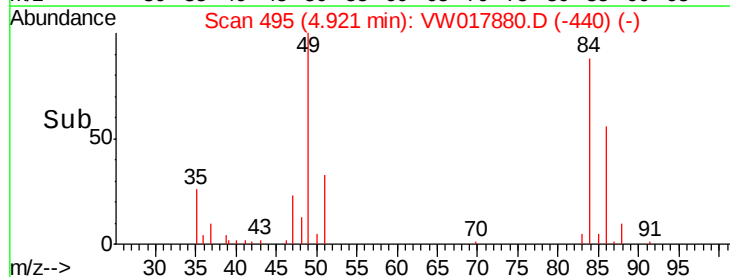
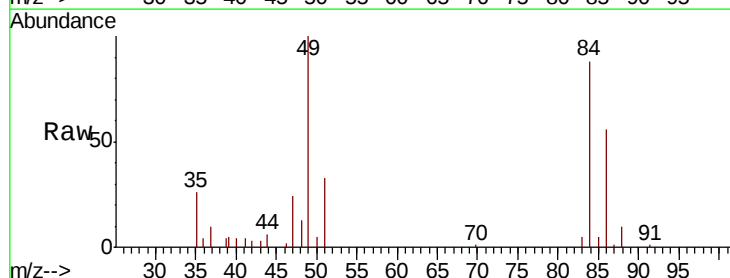
Tgt Ion: 84 Resp: 12185

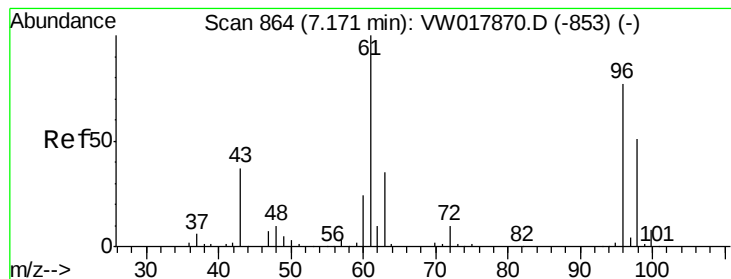
Ion Ratio Lower Upper

84 100

49 113.8 90.5 168.1

86 63.2 44.8 83.2





#21

2-Butanone

Concen: 2.791 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW017880.D

Acq: 14 Jan 2021 15:17

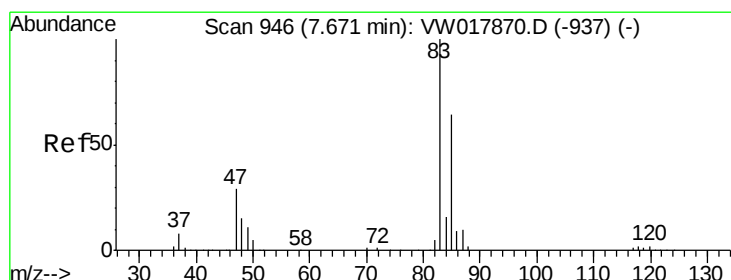
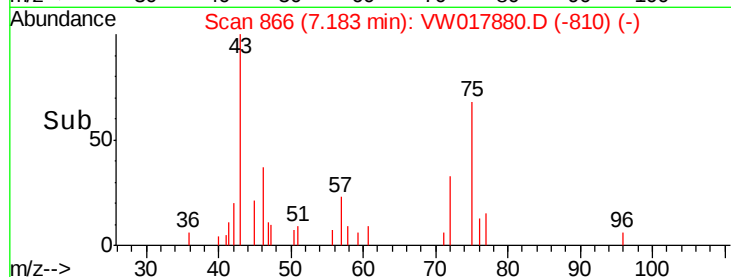
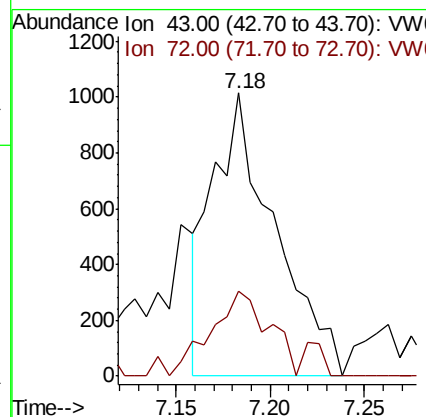
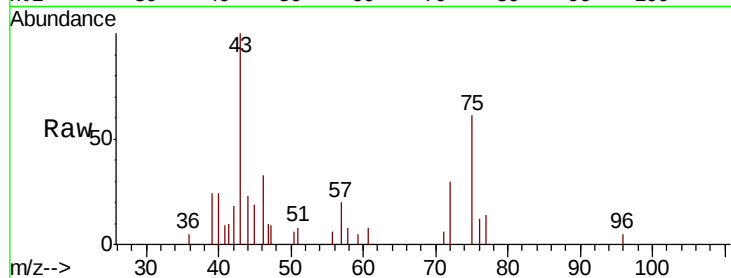
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2323

Ion Ratio Lower Upper

43 100

72 22.4 15.4 46.2



#25

Chloroform

Concen: 0.451 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW017880.D

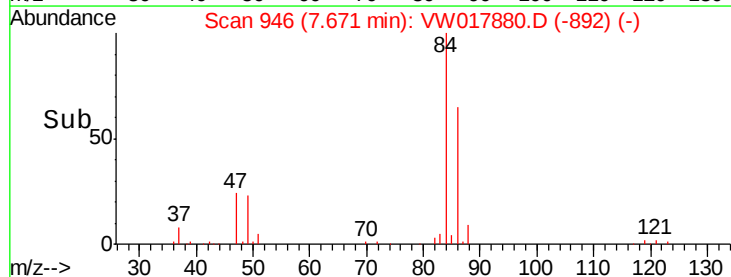
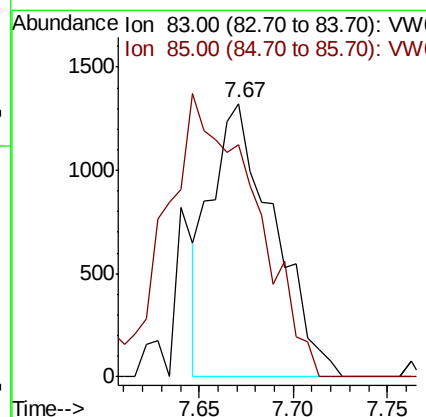
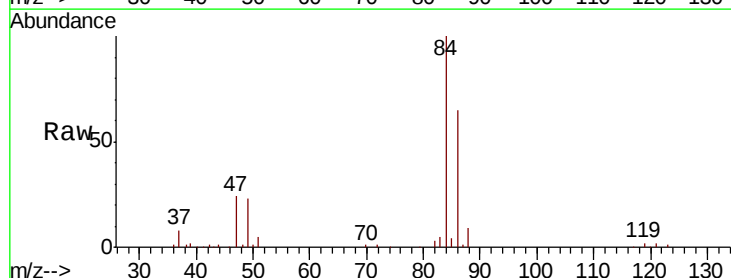
Acq: 14 Jan 2021 15:17

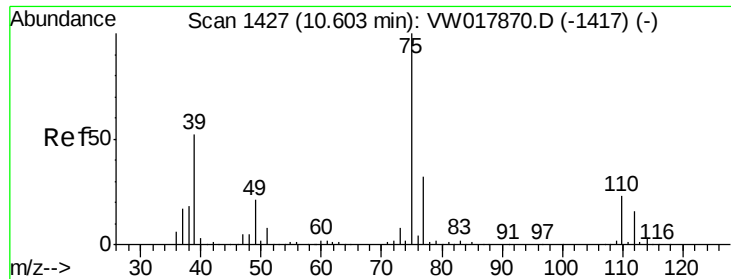
Tgt Ion: 83 Resp: 3082

Ion Ratio Lower Upper

83 100

85 0.0 45.7 84.9#





#45

trans-1,3-Dichloropropene

Concen: 0.513 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017880.D

Acq: 14 Jan 2021 15:17

Instrument :

MSVOA_W

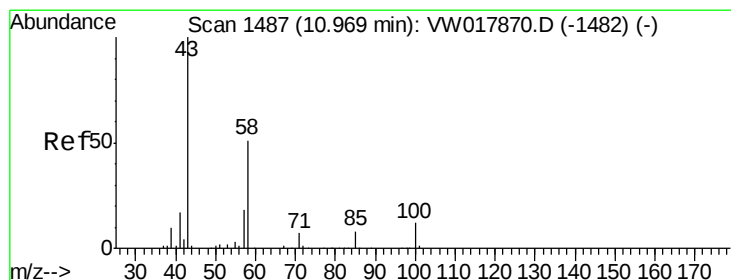
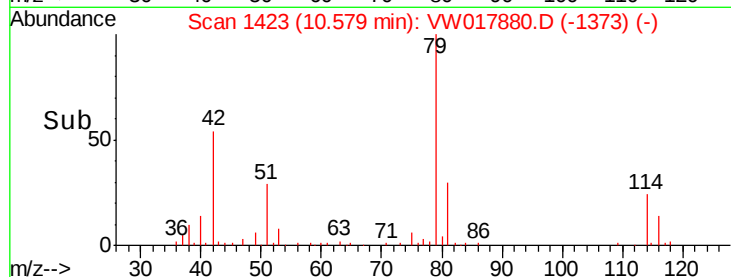
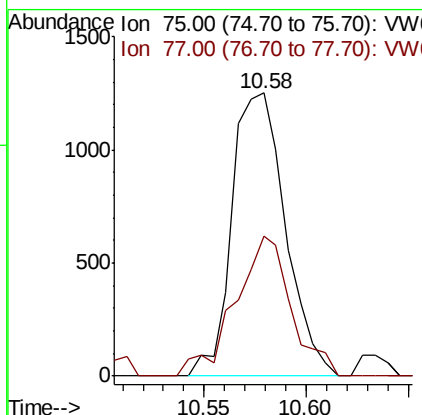
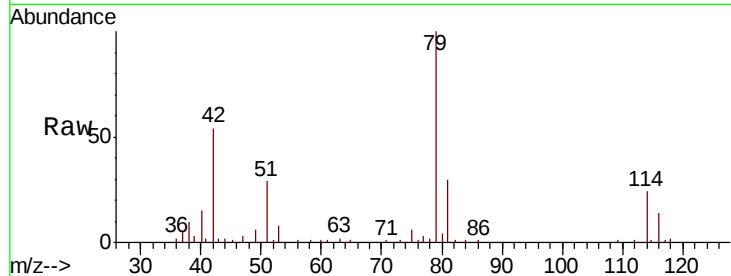
ClientSampleId :

Tot Ion: 75 Resp: 2274

Ion Ratio Lower Upper

75 100

77 49.6 21.6 40.0#



#49

2-Hexanone

Concen: 1.050 ug/L

RT: 10.98 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW017880.D

Acq: 14 Jan 2021 15:17

Tgt Ion: 43 Resp: 1181

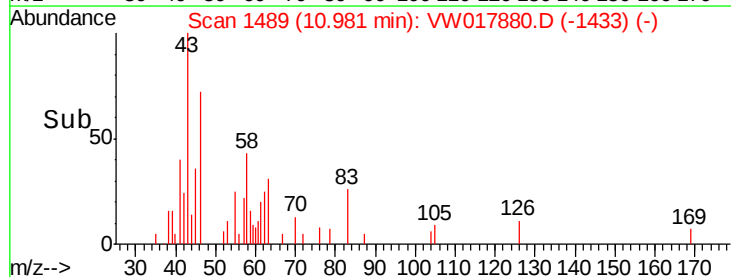
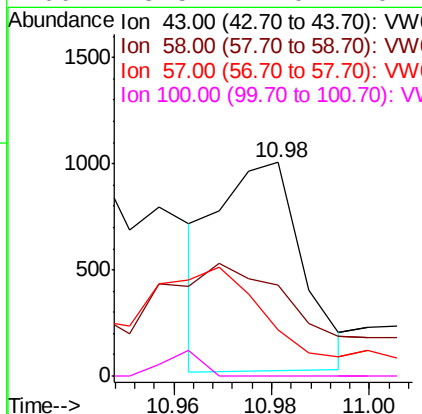
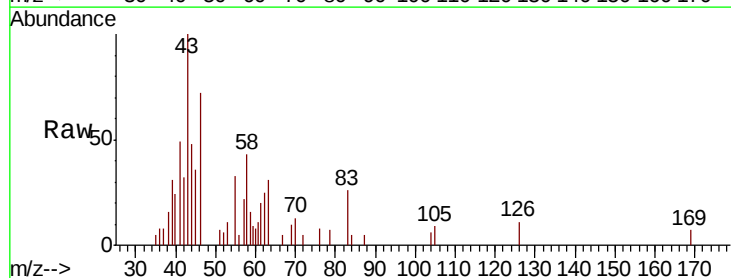
Ion Ratio Lower Upper

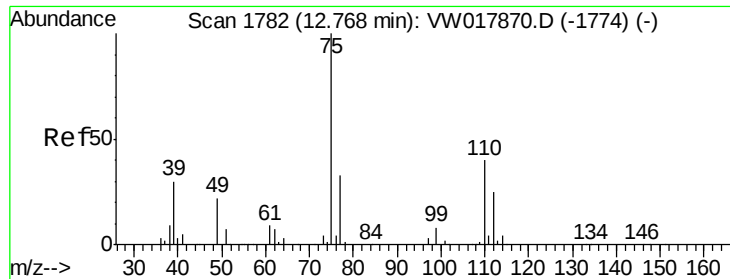
43 100

58 78.7 44.2 66.4#

57 59.7 16.1 24.1#

100 5.5 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 7.675 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017880.D

Acq: 14 Jan 2021 15:17

Instrument :

MSVOA_W

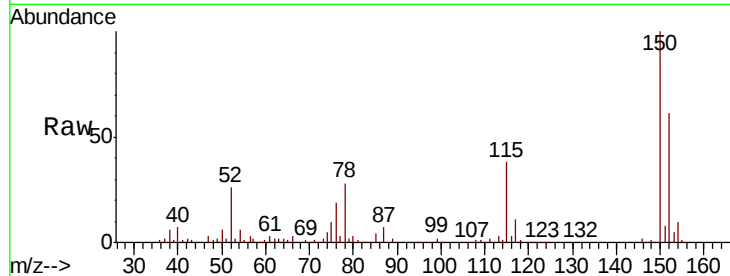
ClientSampled :

Tot Ion: 75 Resp: 15267

Ion Ratio Lower Upper

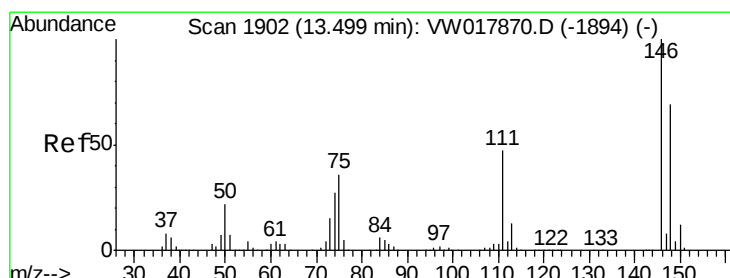
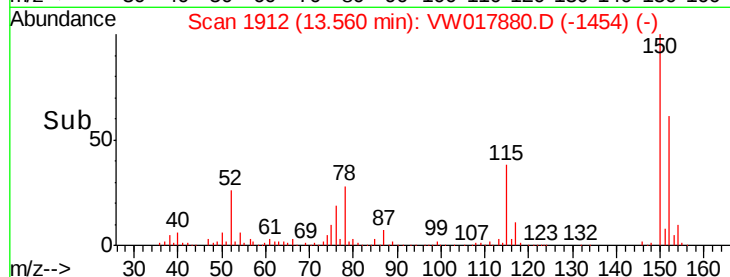
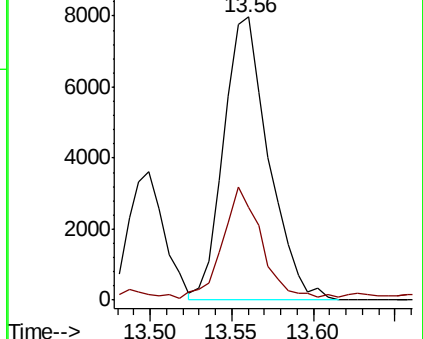
75 100

77 34.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#63

1,3-Dichlorobenzene

Concen: 2.838 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW017880.D

Acq: 14 Jan 2021 15:17

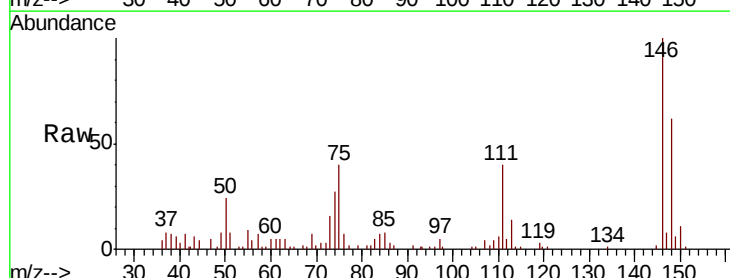
Tgt Ion: 146 Resp: 14683

Ion Ratio Lower Upper

146 100

111 40.4 29.5 54.7

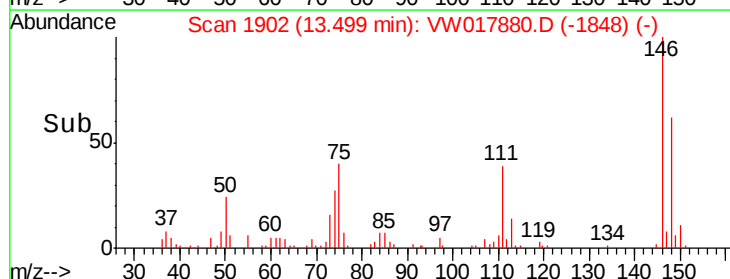
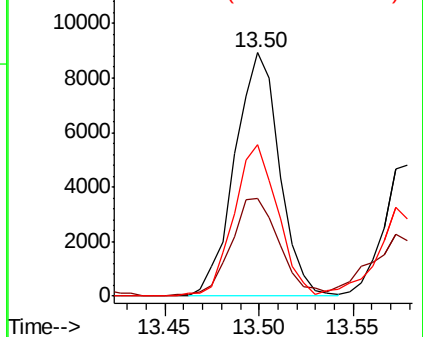
148 62.2 47.7 88.5

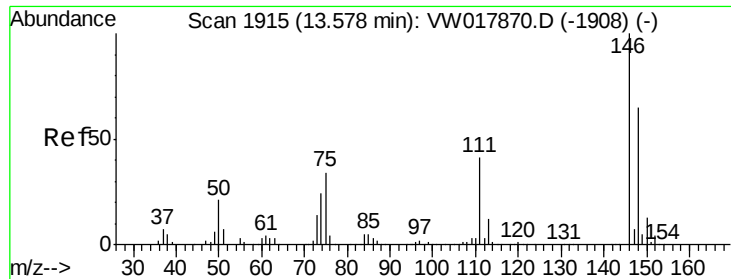


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#64

1,4-Dichlorobenzene

Concen: 1.548 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW017880.D

Acq: 14 Jan 2021 15:17

Instrument :

MSVOA_W

ClientSampleId :

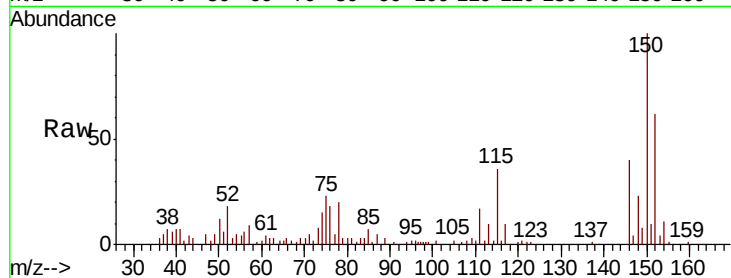
Tot Ion:146 Resp: 8048

Ion Ratio Lower Upper

146 100

111 42.2 27.7 51.5

148 58.3 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

