

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017899.D
 Acq On : 15 Jan 2021 15:48
 Operator : SY/VA
 Sample : M1099-11
 Misc : 7.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 18 02:09:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	294130	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251379	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	91046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103196	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.72%
7) Chloroethane-d5	2.89	69	88757	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.52%
10) 1,1-Dichloroethene-d2	4.02	63	133598	16.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.40%
20) 2-Butanone-d5	7.07	46	47666	64.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.24%
24) Chloroform-d	7.65	84	188410	24.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	8.31	65	112817	28.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.44%
29) Benzene-d6	8.27	84	364161	25.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.88%
33) 1,2-Dichloropropane-d6	9.27	67	108787	27.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.48%
37) Toluene-d8	10.32	98	318829	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.76%
38) trans-1,3-Dichloropropene-	10.58	79	39831	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.56%
39) 2-Hexanone-d5	10.93	63	31661	64.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82075	28.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	75367	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds

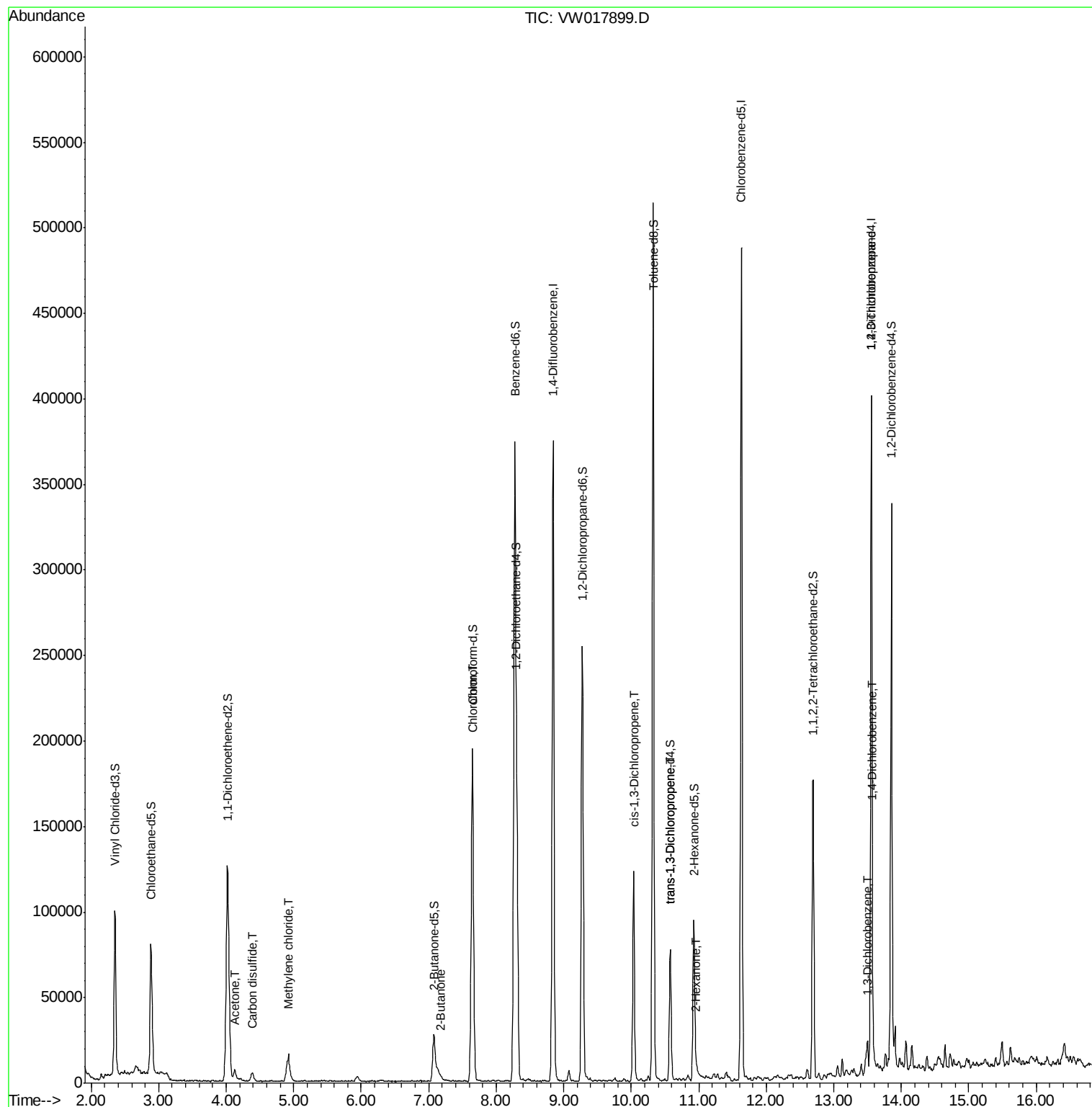
					Ovalue
13) Acetone	4.12	43	10595	16.634	ug/L 91
14) Carbon disulfide	4.39	76	10847	1.002	ug/L 100
16) Methylene chloride	4.92	84	10556	2.510	ug/L 74
21) 2-Butanone	7.18	43	709	0.828	ug/L 80
25) Chloroform	7.66	83	1865	0.265	ug/L # 1
42) cis-1,3-Dichloropropene	10.03	75	3761	0.695	ug/L 84
45) trans-1,3-Dichloropropene	10.57	75	2303	0.499	ug/L 89
49) 2-Hexanone	10.96	43	1982	1.695	ug/L # 77
59) 1,2,3-Trichloropropane	13.55	75	15711	7.592	ug/L 99
63) 1,3-Dichlorobenzene	13.50	146	5611	0.998	ug/L 97
64) 1,4-Dichlorobenzene	13.58	146	5365	0.950	ug/L # 85

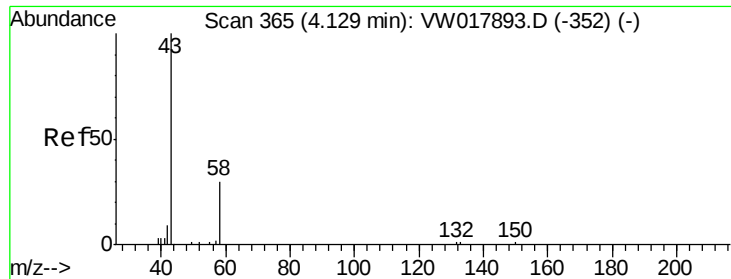
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017899.D
Acq On : 15 Jan 2021 15:48
Operator : SY/VA
Sample : M1099-11
Misc : 7.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 18 02:09:08 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration





#13

Acetone

Concen: 16.634 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017899.D

Acq: 15 Jan 2021 15:48

Instrument :

MSVOA_W

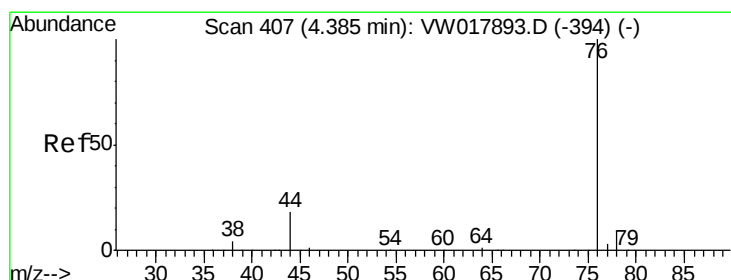
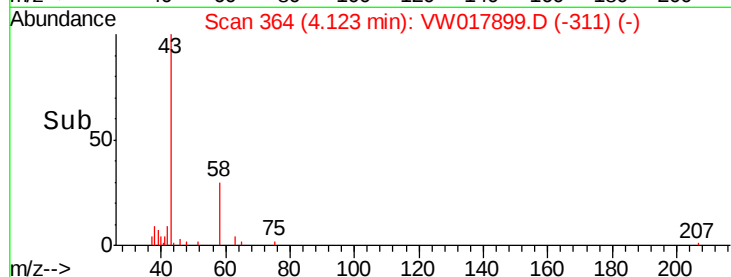
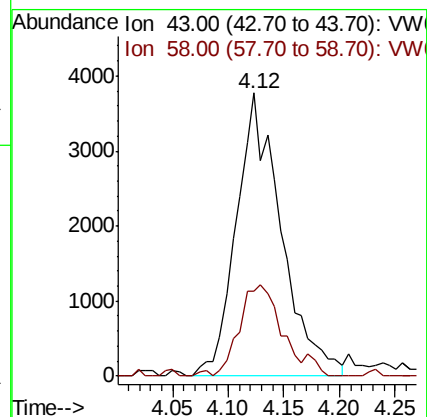
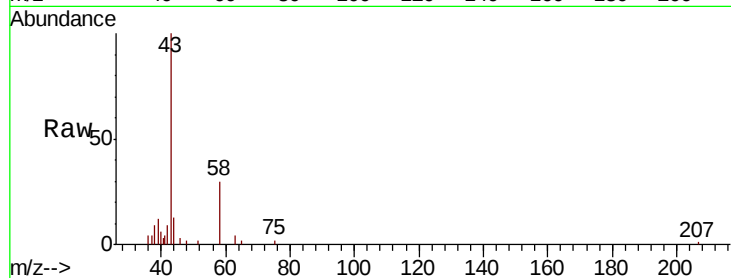
ClientSampleId :

Tot Ion: 43 Resp: 10595

Ion Ratio Lower Upper

43 100

58 29.1 0.0 68.4



#14

Carbon disulfide

Concen: 1.002 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW017899.D

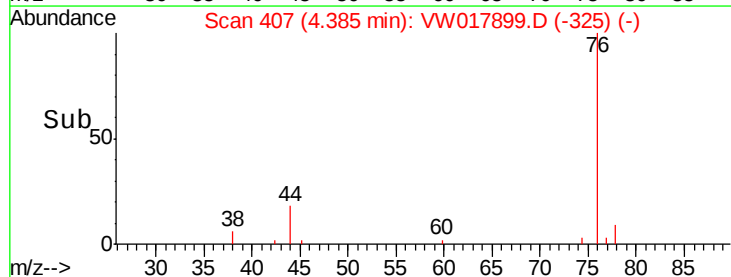
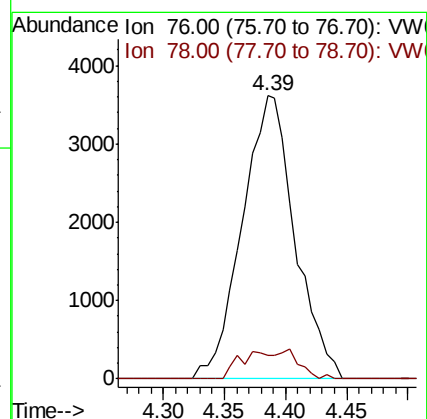
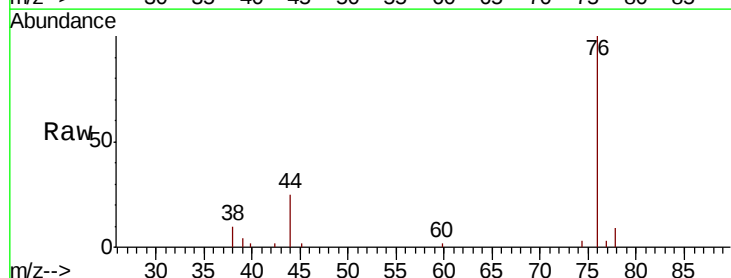
Acq: 15 Jan 2021 15:48

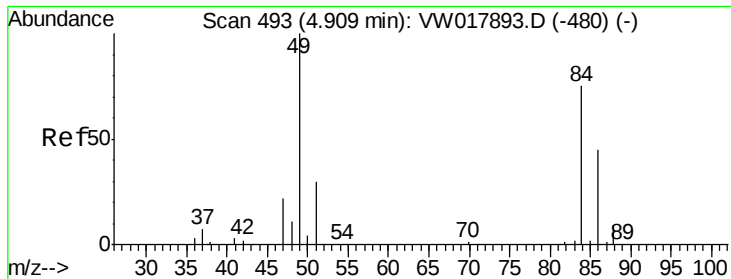
Tgt Ion: 76 Resp: 10847

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4

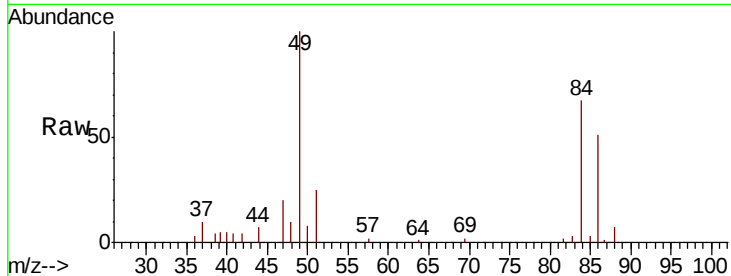




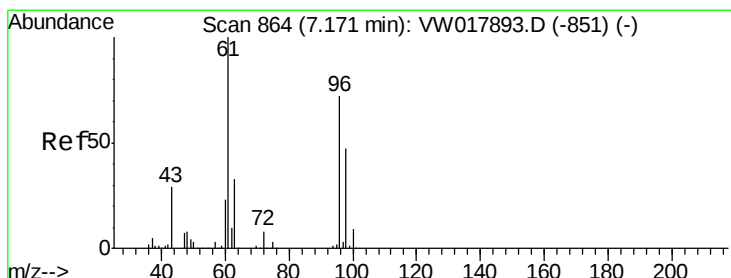
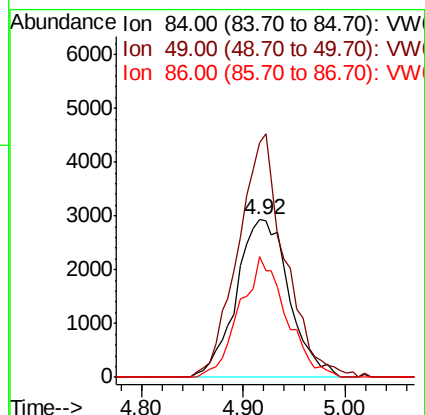
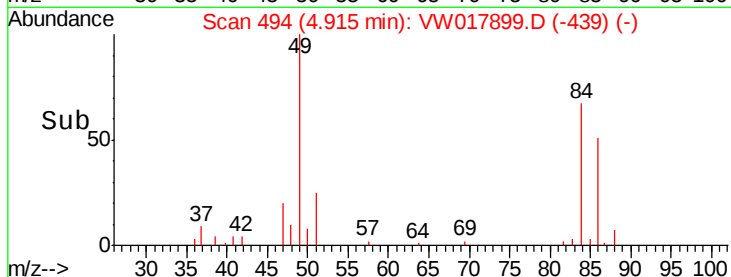
#16
Methvlene chloride
Concen: 2.510 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW017899.D
Acq: 15 Jan 2021 15:48

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 10556
Ion Ratio Lower Upper
84 100
49 148.4 81.2 150.8
86 78.3 44.5 82.7

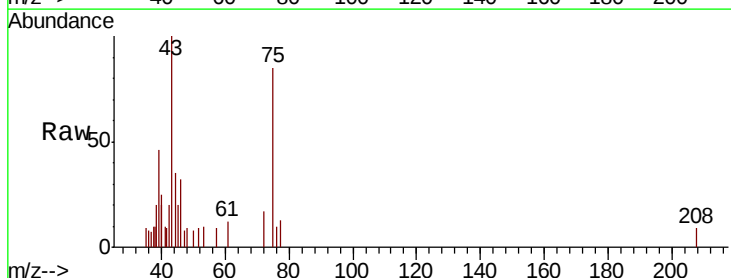


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

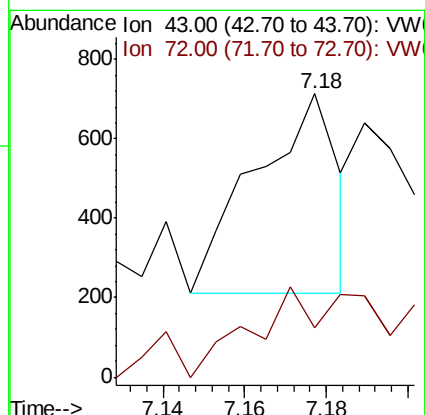
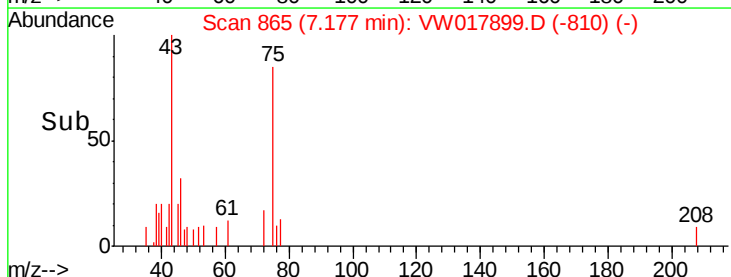


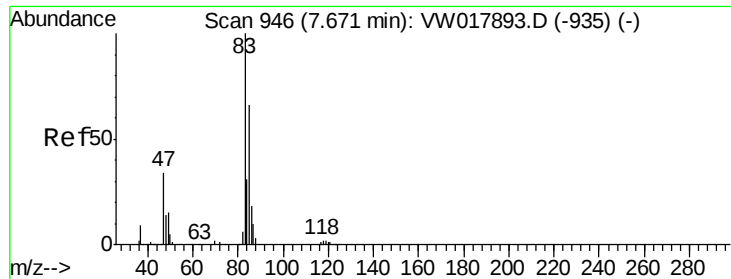
#21
2-Butanone
Concen: 0.828 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW017899.D
Acq: 15 Jan 2021 15:48

Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
72 18.1 14.4 43.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#25

Chloroform

Concen: 0.265 ug/L

RT: 7.66 min Scan# 944

Delta R.T. -0.01 min

Lab File: VW017899.D

Acq: 15 Jan 2021 15:48

Instrument :

MSVOA_W

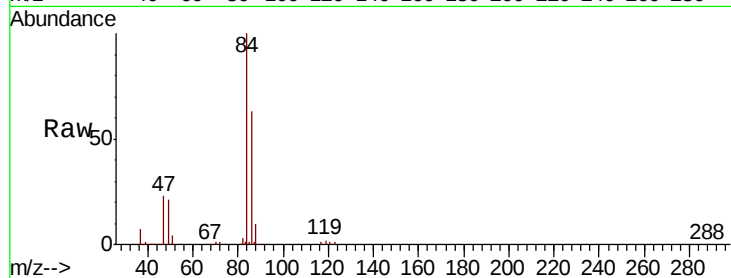
ClientSampled :

Tot Ion: 83 Resp: 1865

Ion Ratio Lower Upper

83 100

85 159.6 45.7 84.9#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

1500

1000

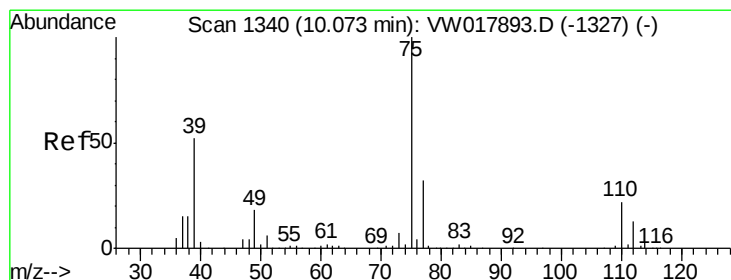
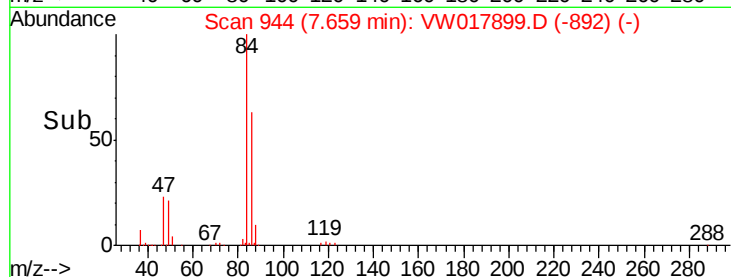
500

0

7.66

7.60 7.65 7.70

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.695 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017899.D

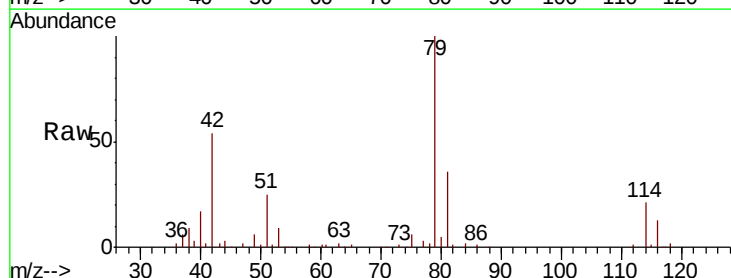
Acq: 15 Jan 2021 15:48

Tgt Ion: 75 Resp: 3761

Ion Ratio Lower Upper

75 100

77 41.3 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

2500

2000

1500

1000

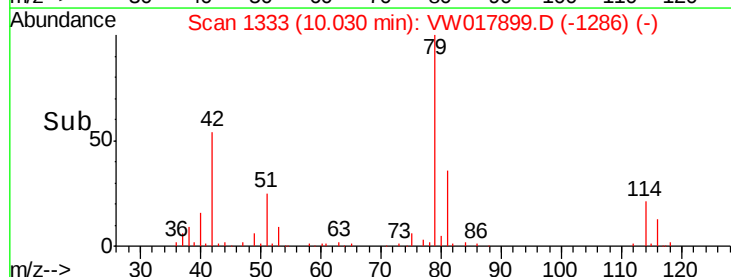
500

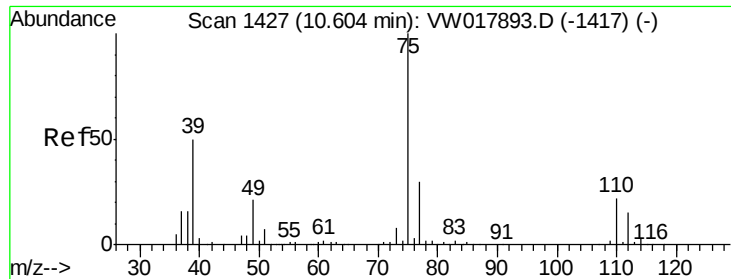
0

10.03

10.00 10.05

Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.499 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017899.D

Acq: 15 Jan 2021 15:48

Instrument :

MSVOA_W

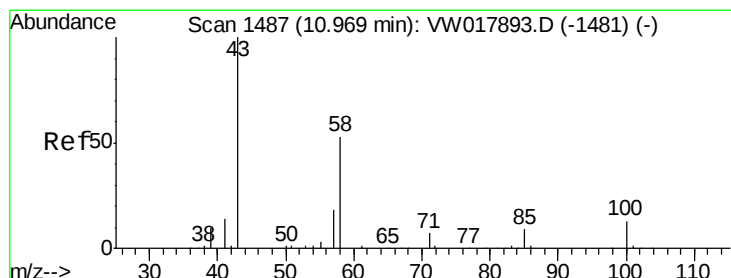
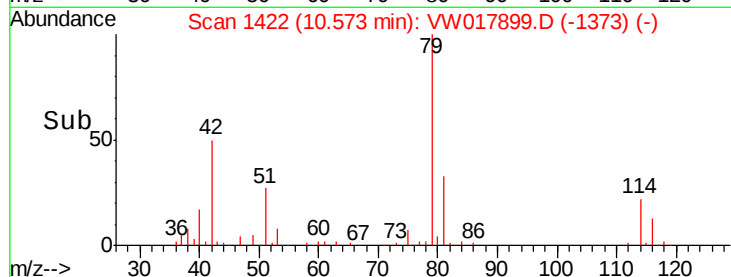
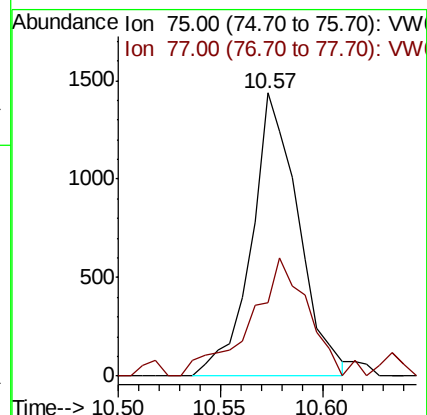
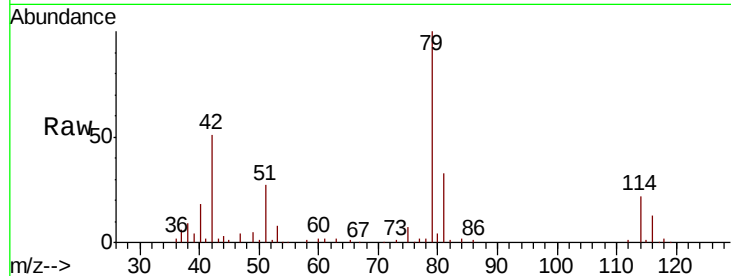
ClientSampled :

Tot Ion: 75 Resp: 2303

Ion Ratio Lower Upper

75 100

77 26.0 22.6 42.0



#49

2-Hexanone

Concen: 1.695 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW017899.D

Acq: 15 Jan 2021 15:48

Tgt Ion: 43 Resp: 1982

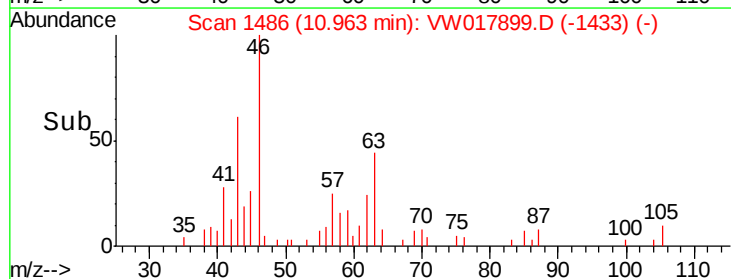
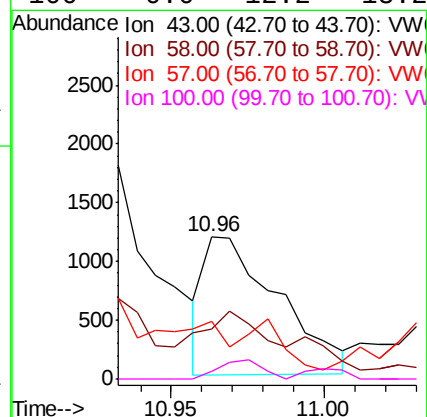
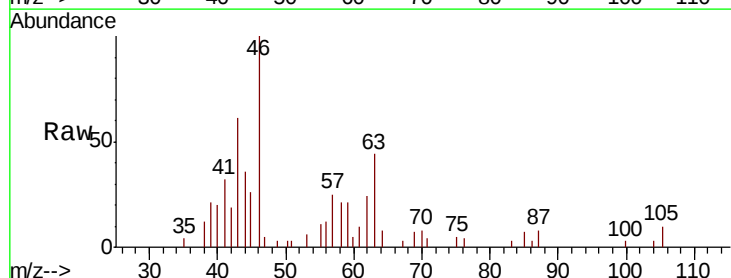
Ion Ratio Lower Upper

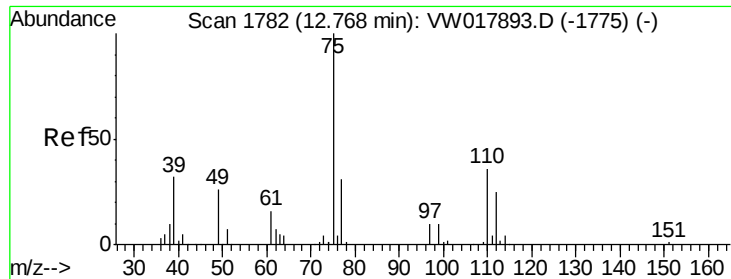
43 100

58 45.3 51.3 76.9#

57 21.9 15.0 22.6

100 0.0 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 7.592 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017899.D

Acq: 15 Jan 2021 15:48

Instrument :

MSVOA_W

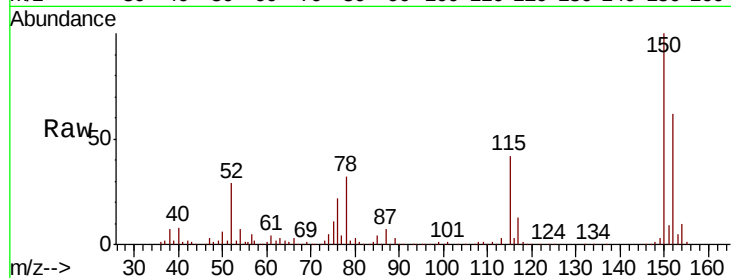
ClientSampled :

Tot Ion: 75 Resp: 15711

Ion Ratio Lower Upper

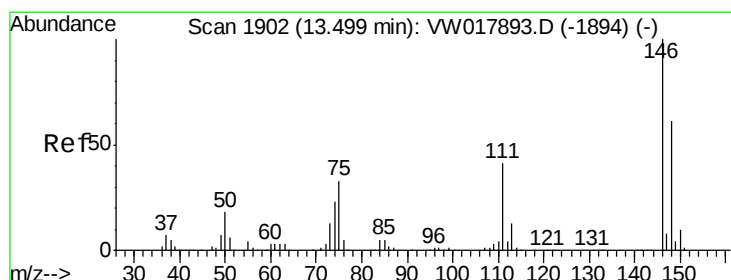
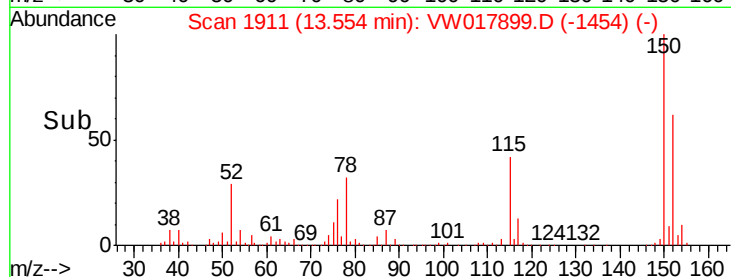
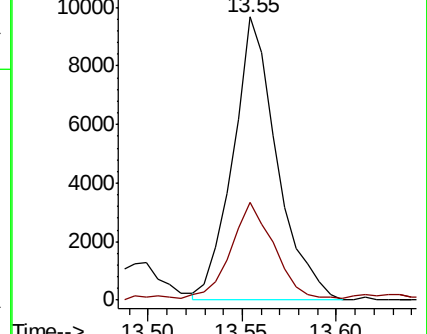
75 100

77 32.8 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#63

1,3-Dichlorobenzene

Concen: 0.998 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW017899.D

Acq: 15 Jan 2021 15:48

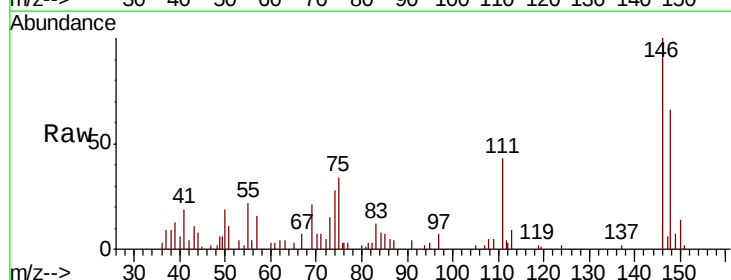
Tgt Ion: 146 Resp: 5611

Ion Ratio Lower Upper

146 100

111 42.9 28.5 52.9

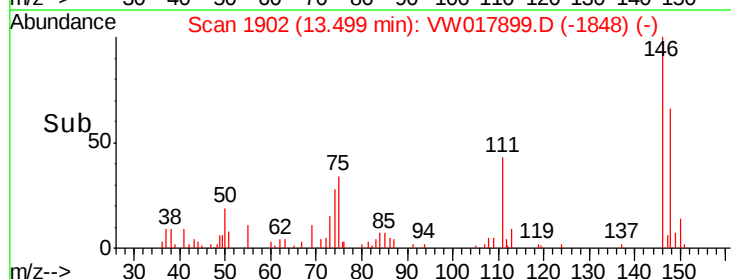
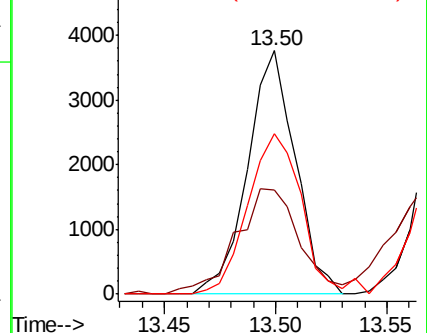
148 66.1 47.8 88.8

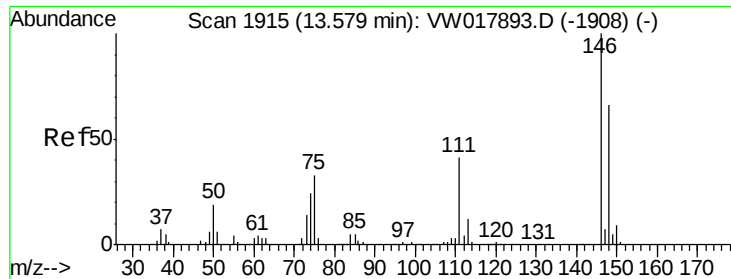


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#64
 1,4-Dichlorobenzene
 Concen: 0.950 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW017899.D
 Acq: 15 Jan 2021 15:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	52.0	27.7	51.5#
148	77.0	47.0	87.2

