

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017881.D
 Acq On : 14 Jan 2021 15:40
 Operator : SY/VA
 Sample : M1099-09RE
 Misc : 2.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 21:46:39 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	314534	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	273759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	113549	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.32%
7) Chloroethane-d5	2.89	69	96476	24.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.08%
10) 1,1-Dichloroethene-d2	4.02	63	148779	17.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.20%
20) 2-Butanone-d5	7.08	46	45634	57.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.70%
24) Chloroform-d	7.65	84	196789	23.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.76%
26) 1,2-Dichloroethane-d4	8.30	65	115637	27.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.72%
29) Benzene-d6	8.27	84	390206	25.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.20%
33) 1,2-Dichloropropane-d6	9.27	67	112652	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.00%
37) Toluene-d8	10.32	98	350260	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.60%
38) trans-1,3-Dichloropropene-	10.58	79	42085	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.84%
39) 2-Hexanone-d5	10.93	63	30672	57.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85485	27.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	95212	24.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.60%

Target Compounds

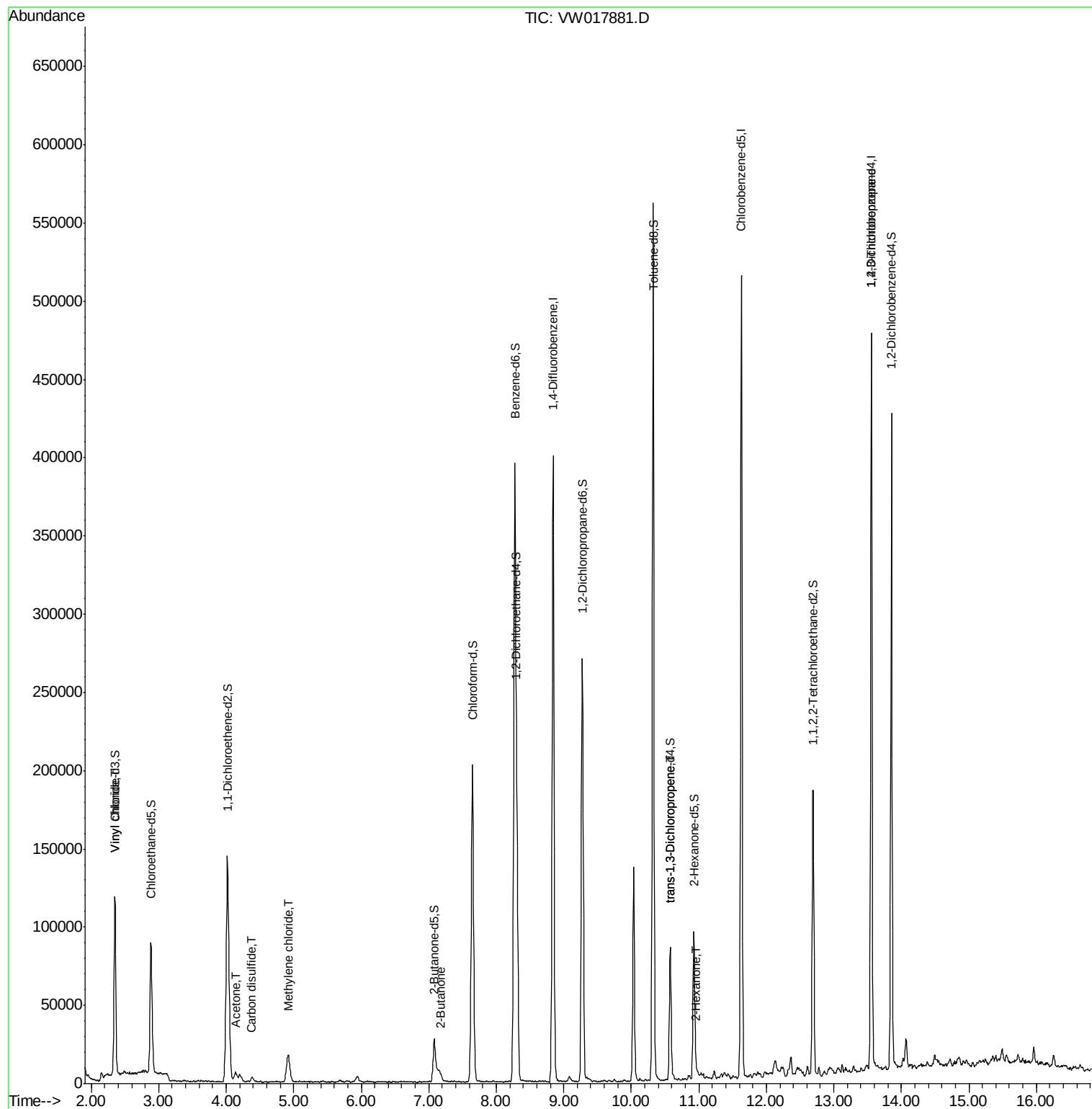
					Ovalue
5) Vinyl chloride	2.35	62	5813	1.113 ug/L #	1
13) Acetone	4.13	43	10544	15.480 ug/L	99
14) Carbon disulfide	4.38	76	5453	0.471 ug/L #	93
16) Methylene chloride	4.92	84	9803	2.179 ug/L	80
21) 2-Butanone	7.18	43	1710	1.866 ug/L	96
45) trans-1,3-Dichloropropene	10.57	75	2686	0.535 ug/L	93
49) 2-Hexanone	10.97	43	896	0.703 ug/L #	71
59) 1,2,3-Trichloropropane	13.55	75	16802	7.456 ug/L	94

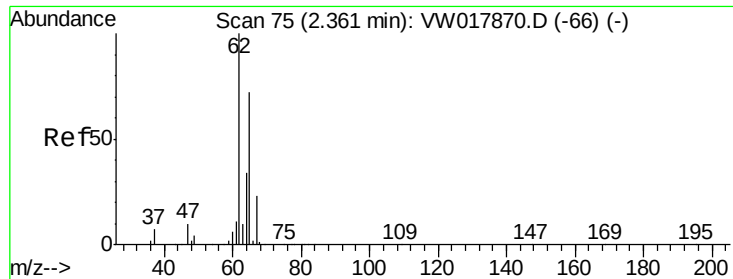
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 14 21:44:45 2021
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.113 ug/L

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW017881.D

Acq: 14 Jan 2021 15:40

Instrument :

MSVOA_W

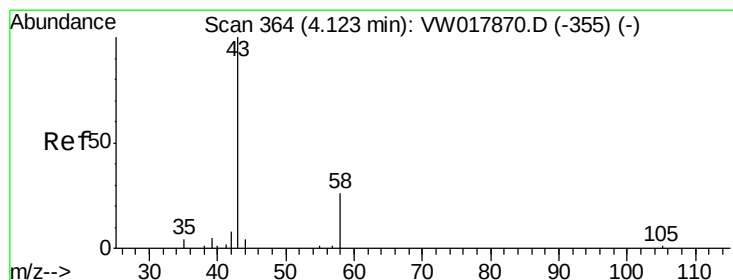
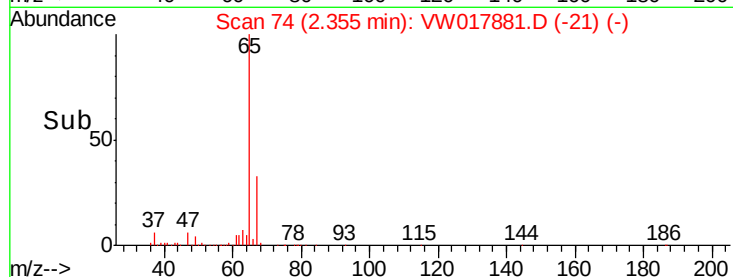
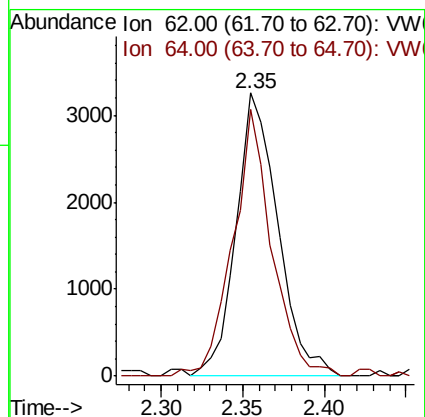
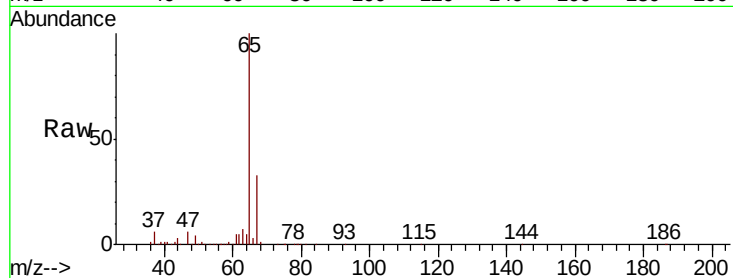
ClientSampled :

Tot Ion: 62 Resp: 5813

Ion Ratio Lower Upper

62 100

64 94.3 23.3 43.3#



#13

Acetone

Concen: 15.480 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017881.D

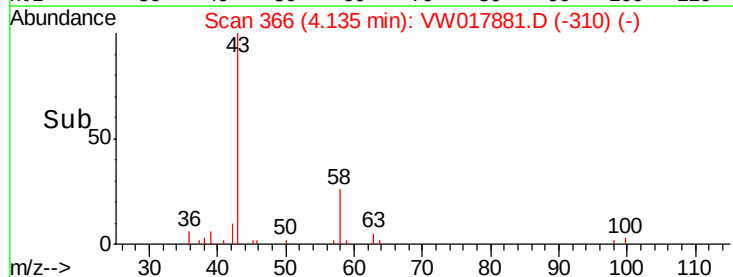
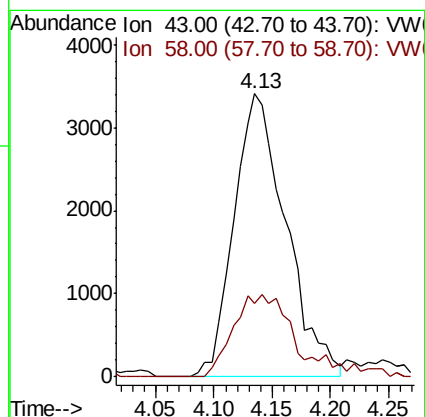
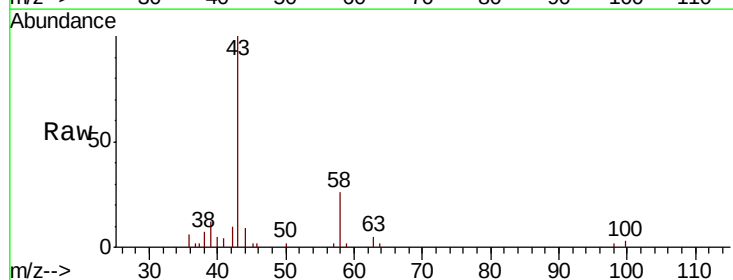
Acq: 14 Jan 2021 15:40

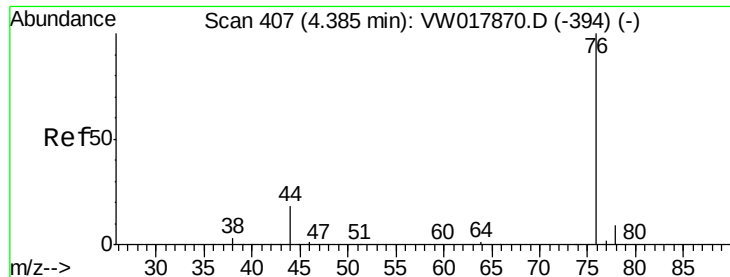
Tgt Ion: 43 Resp: 10544

Ion Ratio Lower Upper

43 100

58 30.0 0.0 60.8





#14

Carbon disulfide

Concen: 0.471 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW017881.D

Acq: 14 Jan 2021 15:40

Instrument :

MSVOA_W

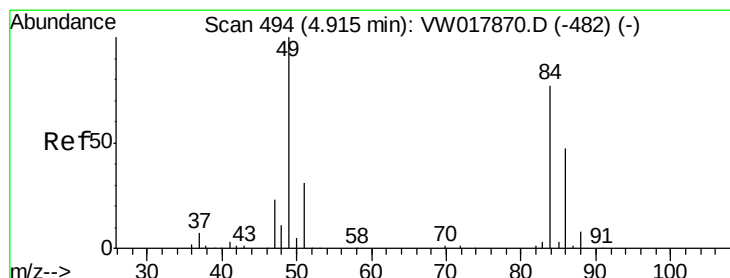
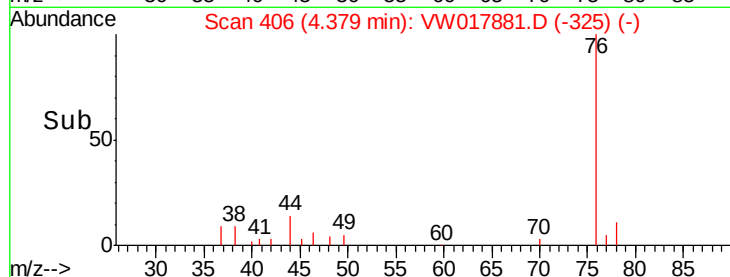
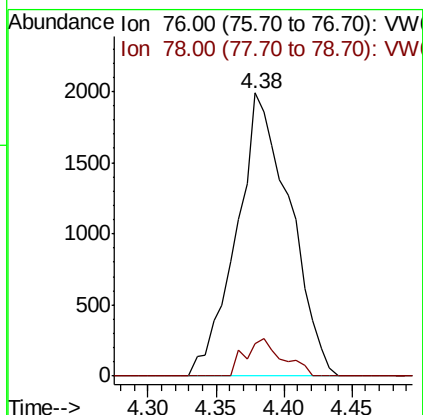
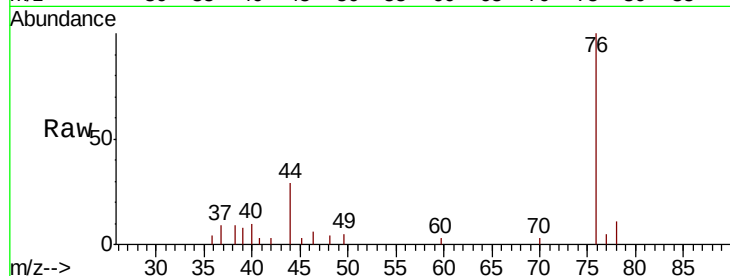
ClientSampled :

Tot Ion: 76 Resp: 5453

Ion Ratio Lower Upper

76 100

78 11.5 7.1 10.7#



#16

Methylene chloride

Concen: 2.179 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017881.D

Acq: 14 Jan 2021 15:40

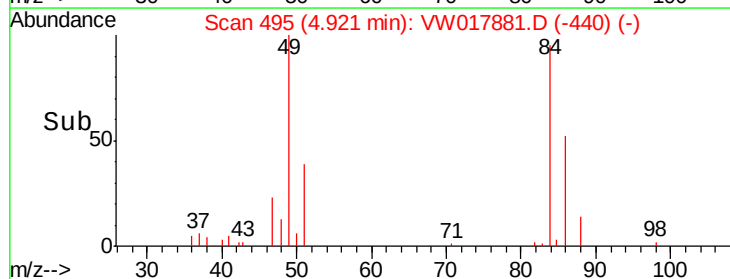
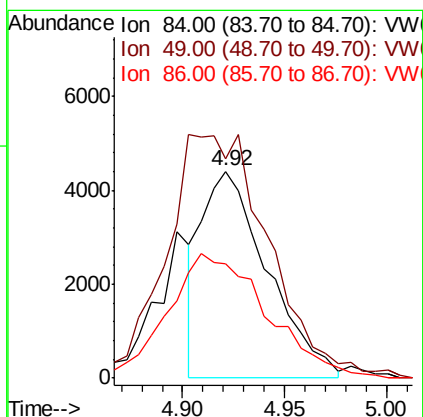
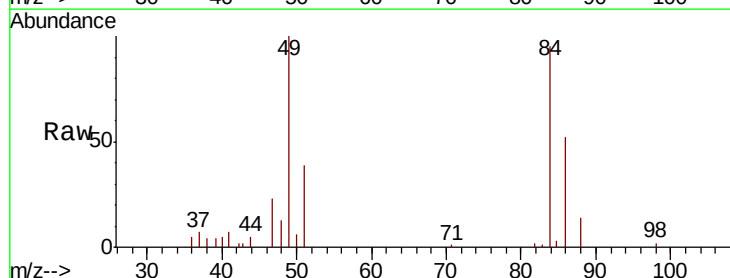
Tgt Ion: 84 Resp: 9803

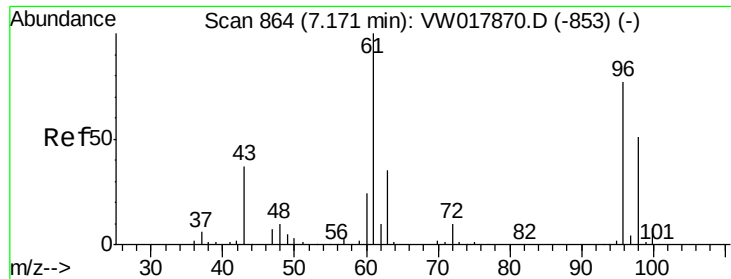
Ion Ratio Lower Upper

84 100

49 102.1 90.5 168.1

86 53.2 44.8 83.2





#21

2-Butanone

Concen: 1.866 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW017881.D

Acq: 14 Jan 2021 15:40

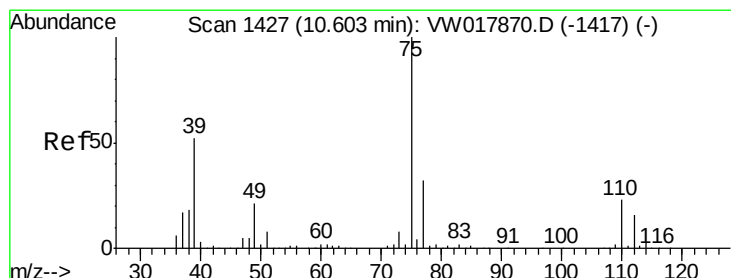
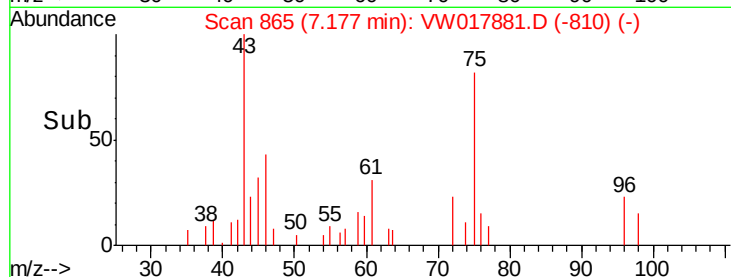
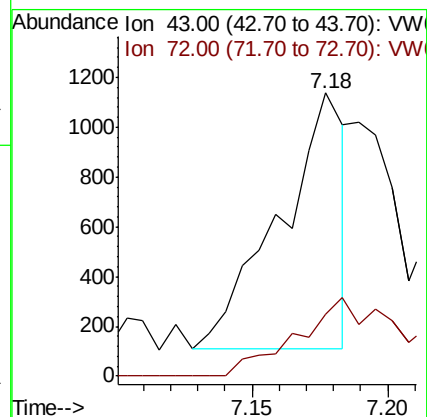
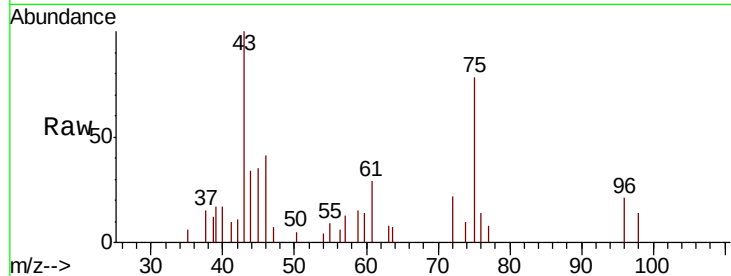
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1710

Ion Ratio Lower Upper

43 100

72 28.8 15.4 46.2



#45

trans-1,3-Dichloropropene

Concen: 0.535 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017881.D

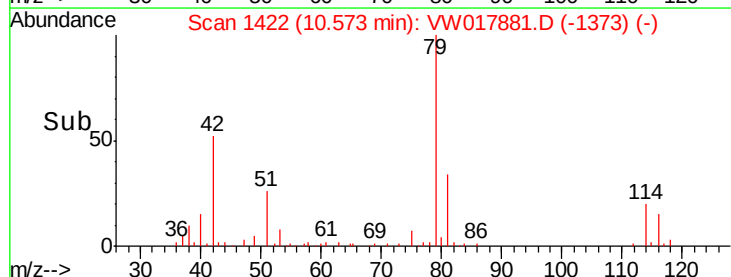
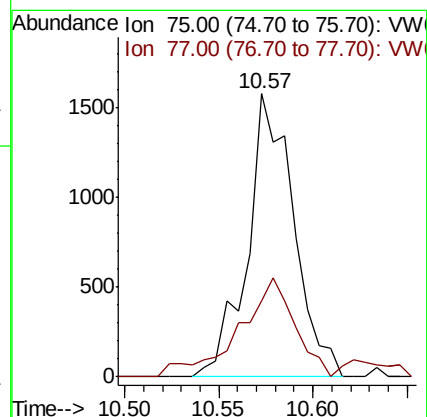
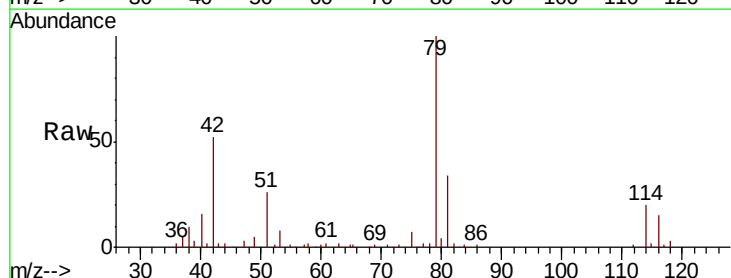
Acq: 14 Jan 2021 15:40

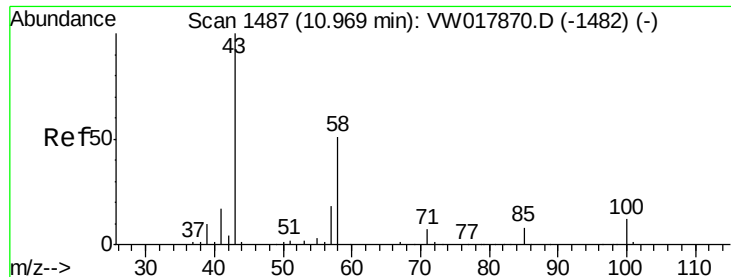
Tgt Ion: 75 Resp: 2686

Ion Ratio Lower Upper

75 100

77 26.9 21.6 40.0





#49

2-Hexanone

Concen: 0.703 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017881.D

Acq: 14 Jan 2021 15:40

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 896

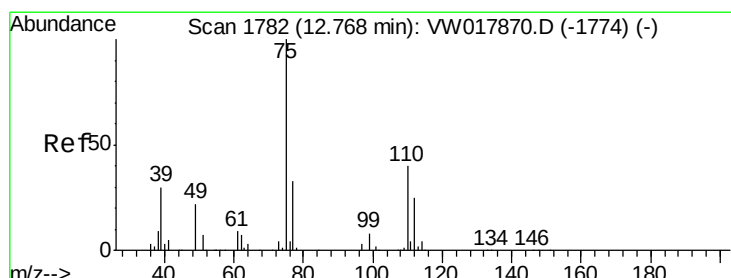
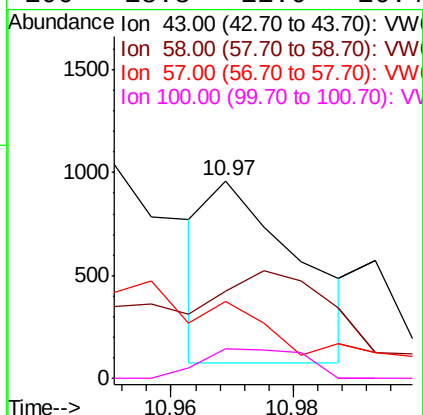
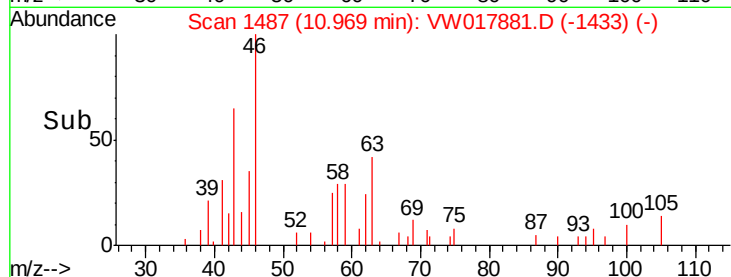
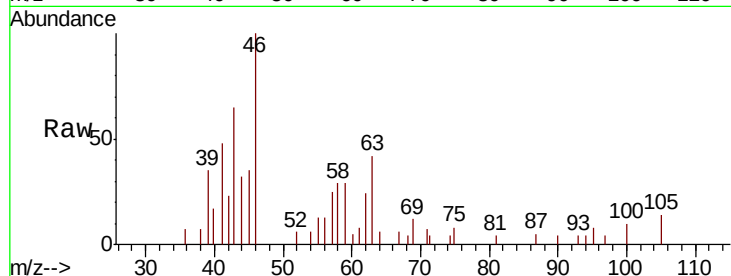
Ion Ratio Lower Upper

43 100

58 81.6 44.2 66.4#

57 11.6 16.1 24.1#

100 18.8 11.0 16.4#



#59

1,2,3-Trichloropropane

Concen: 7.456 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017881.D

Acq: 14 Jan 2021 15:40

Tgt Ion: 75 Resp: 16802

Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.0

