

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017896.D
 Acq On : 15 Jan 2021 14:38
 Operator : SY/VA
 Sample : M1117-06
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 18 02:08:49 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	321187	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289107	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136972	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100580	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
7) Chloroethane-d5	2.89	69	90709	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
10) 1,1-Dichloroethene-d2	4.02	63	139289	16.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.36%
20) 2-Butanone-d5	7.08	46	46988	58.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.68%
24) Chloroform-d	7.65	84	197309	23.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.04%
26) 1,2-Dichloroethane-d4	8.30	65	112871	25.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.92%
29) Benzene-d6	8.27	84	383518	23.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.20%
33) 1,2-Dichloropropane-d6	9.27	67	110282	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.28%
37) Toluene-d8	10.32	98	348824	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.20%
38) trans-1,3-Dichloropropene-	10.58	79	42916	21.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.80%
39) 2-Hexanone-d5	10.93	63	30192	53.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87417	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	110607	23.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.76%

Target Compounds

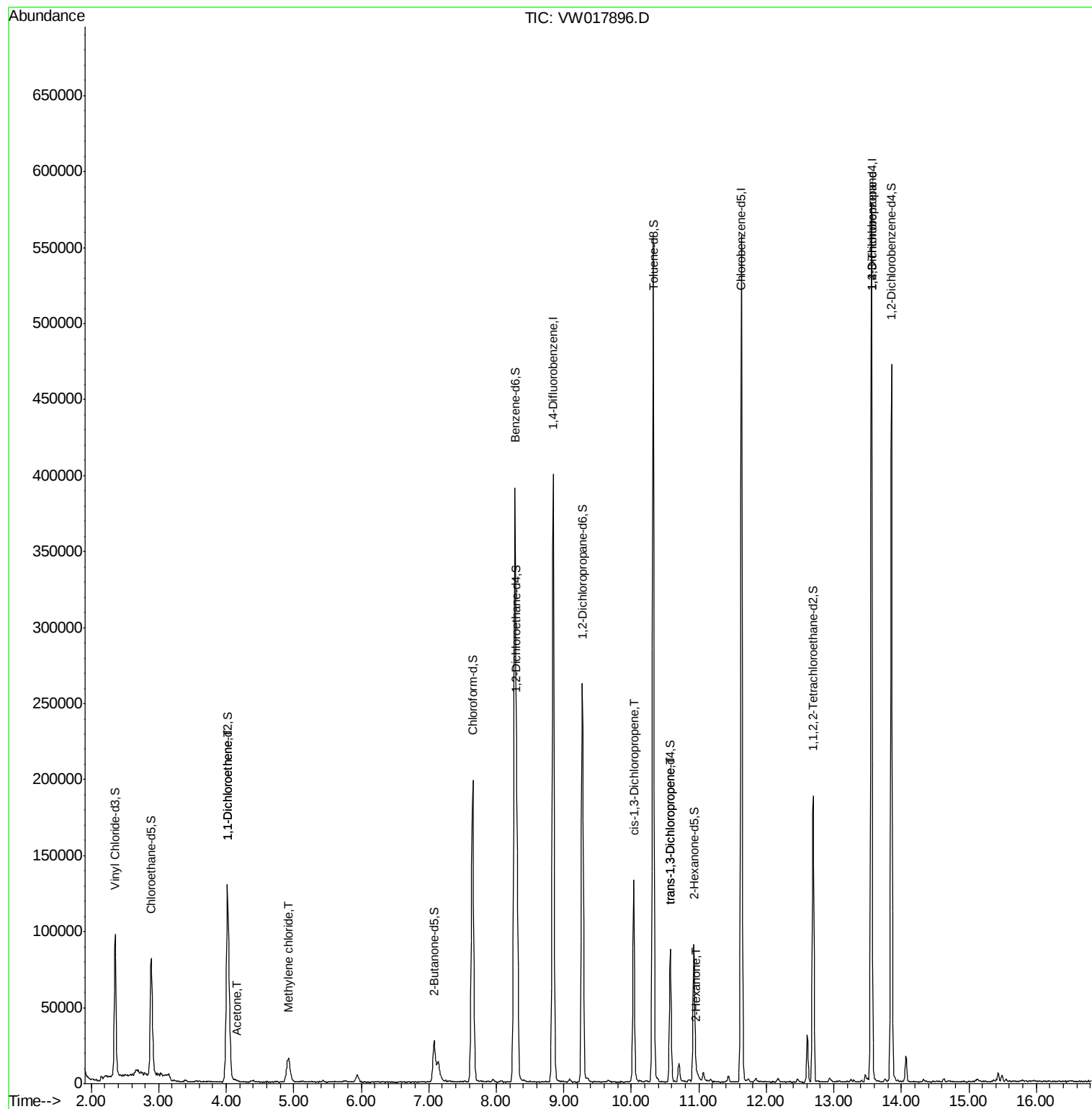
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1265	0.320 ug/L #	1
13) Acetone	4.16	43	405	0.582 ug/L	69
16) Methylene chloride	4.92	84	8072	1.757 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	4662	0.749 ug/L	83
45) trans-1,3-Dichloropropene	10.58	75	2965	0.559 ug/L #	82
49) 2-Hexanone	10.97	43	1691	1.257 ug/L #	64
59) 1,2,3-Trichloropropane	13.55	75	21235	8.923 ug/L	96

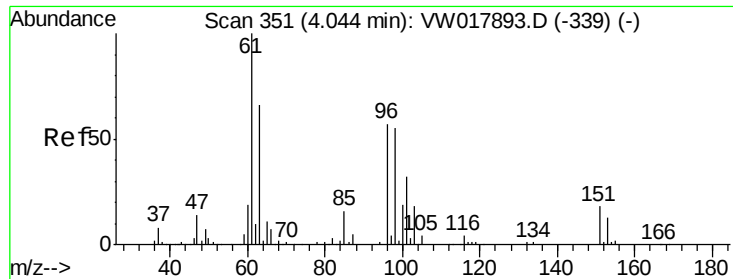
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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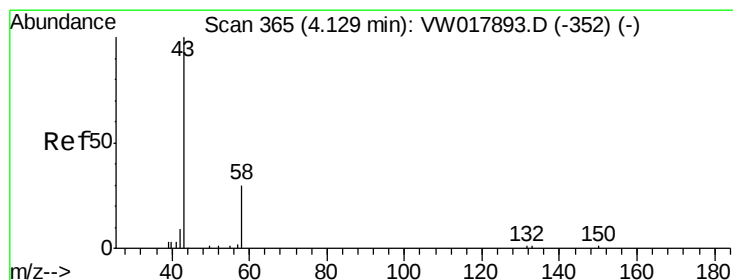
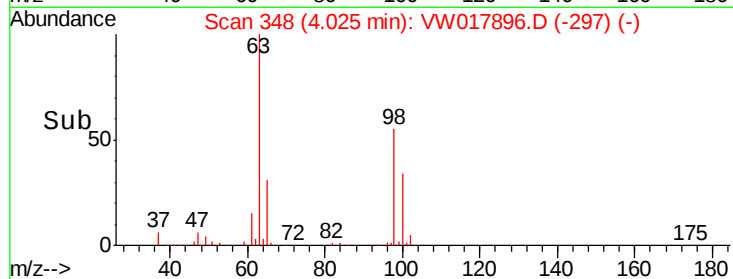
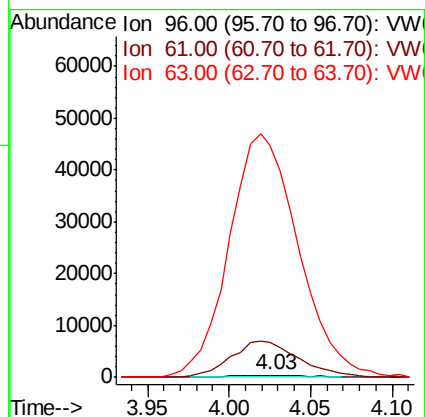
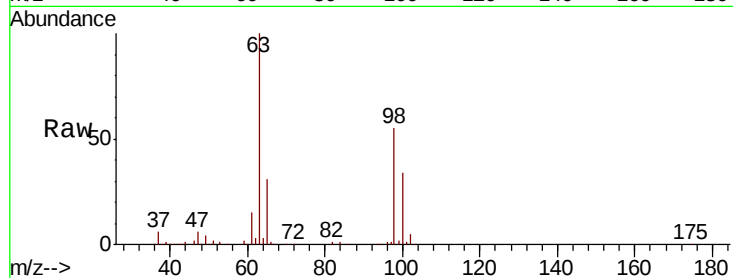




#12
 1,1-Dichloroethene
 Concen: 0.320 ug/L
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW017896.D
 Acq: 15 Jan 2021 14:38

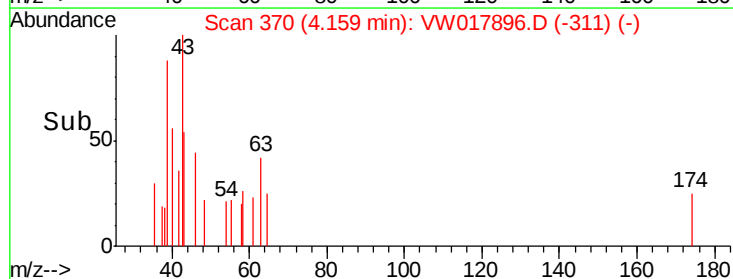
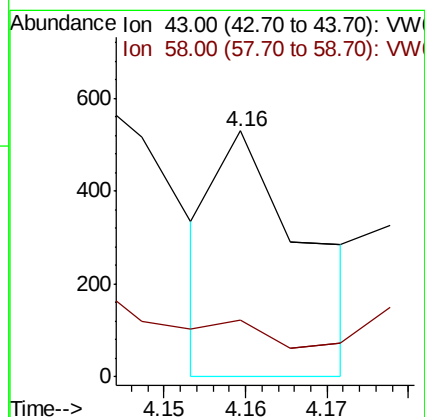
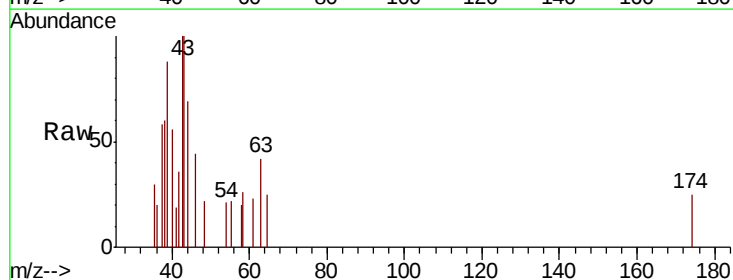
Instrument :
 MSVOA_W
 ClientSampled :

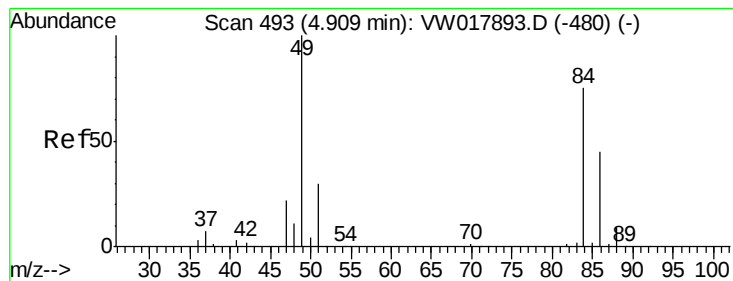
Tot Ion: 96 Resp: 1265
 Ion Ratio Lower Upper
 96 100
 61 1596.2 112.5 208.9#
 63 10727.3 83.1 154.3#



#13
 Acetone
 Concen: 0.582 ug/L
 RT: 4.16 min Scan# 370
 Delta R.T. 0.03 min
 Lab File: VW017896.D
 Acq: 15 Jan 2021 14:38

Tgt Ion: 43 Resp: 405
 Ion Ratio Lower Upper
 43 100
 58 16.5 0.0 68.4





#16

Methylene chloride

Concen: 1.757 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017896.D

Acq: 15 Jan 2021 14:38

Instrument :

MSVOA_W

ClientSampleId :

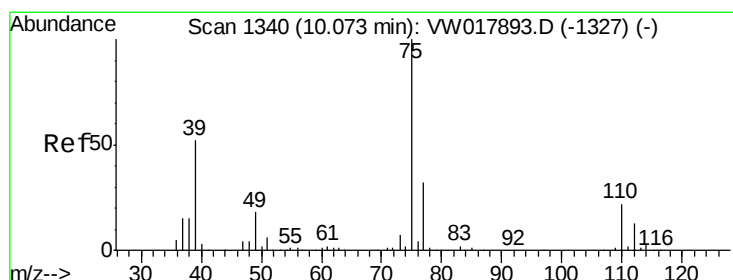
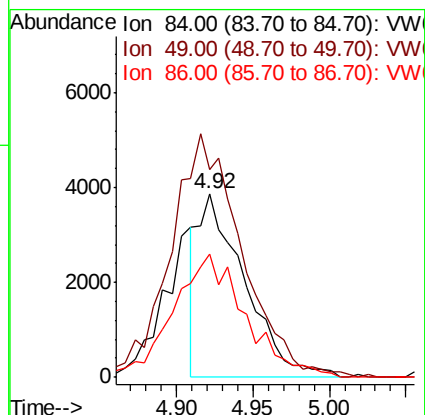
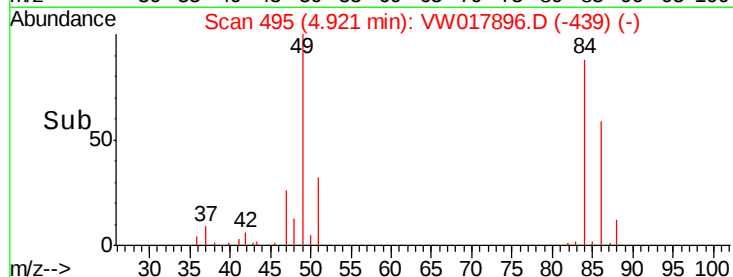
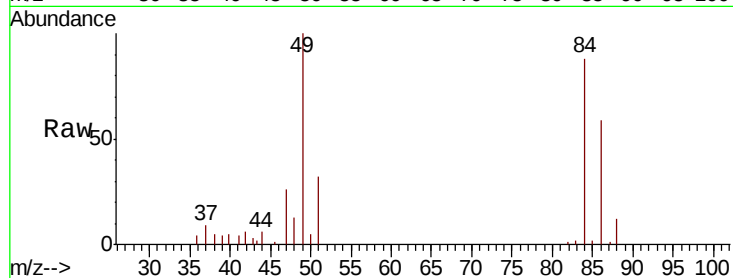
Tot Ion: 84 Resp: 8072

Ion Ratio Lower Upper

84 100

49 113.1 81.2 150.8

86 67.2 44.5 82.7



#42

cis-1,3-Dichloropropene

Concen: 0.749 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017896.D

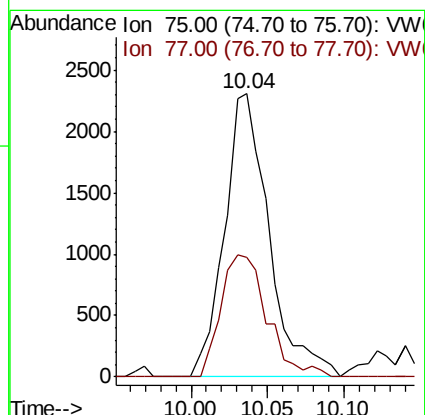
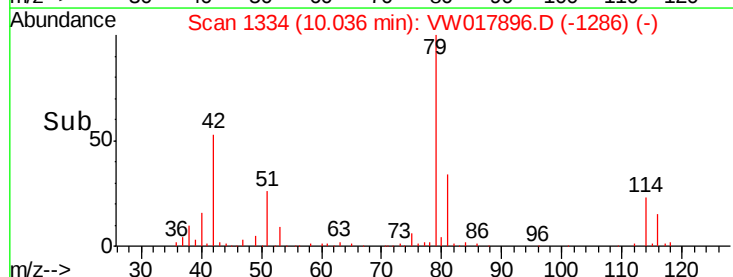
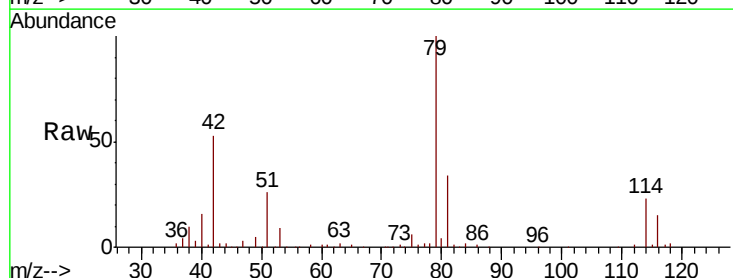
Acq: 15 Jan 2021 14:38

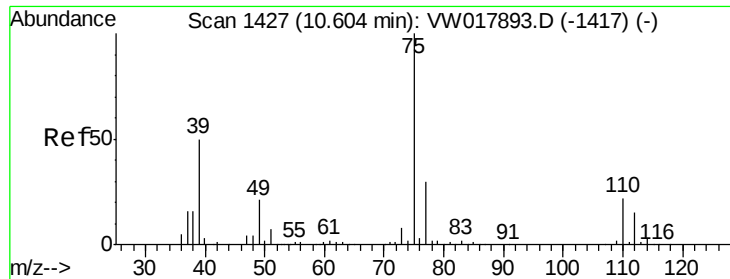
Tgt Ion: 75 Resp: 4662

Ion Ratio Lower Upper

75 100

77 42.0 22.7 42.3





#45

trans-1,3-Dichloropropene

Concen: 0.559 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017896.D

Acq: 15 Jan 2021 14:38

Instrument :

MSVOA_W

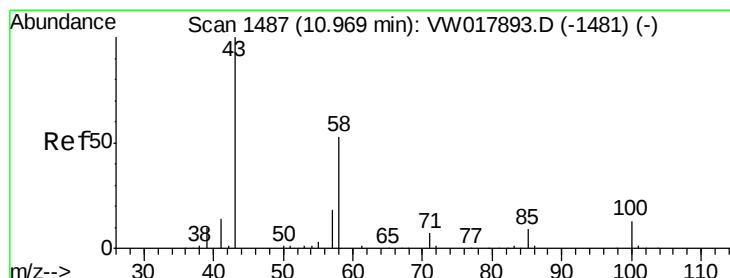
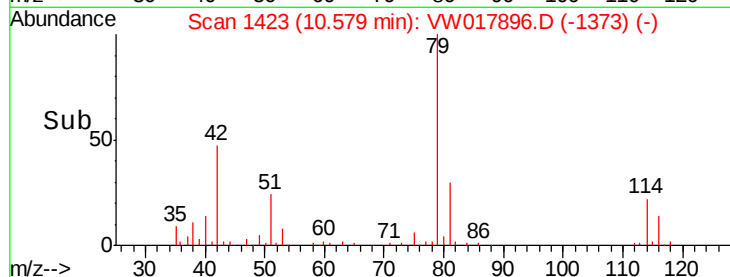
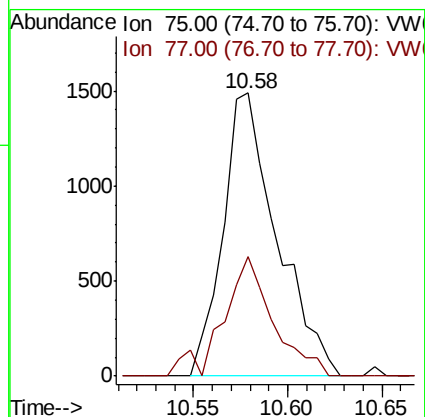
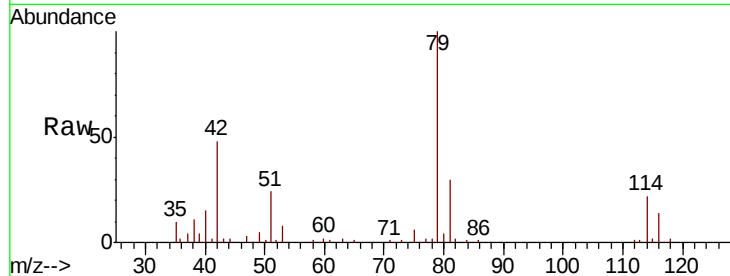
ClientSampled :

Tot Ion: 75 Resp: 2965

Ion Ratio Lower Upper

75 100

77 42.1 22.6 42.0#



#49

2-Hexanone

Concen: 1.257 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017896.D

Acq: 15 Jan 2021 14:38

Tgt Ion: 43 Resp: 1691

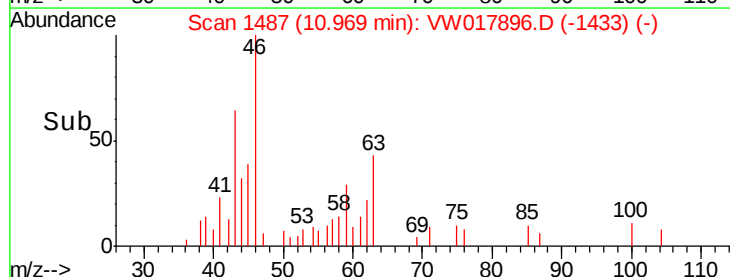
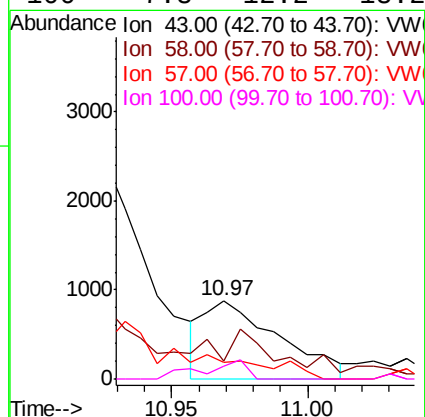
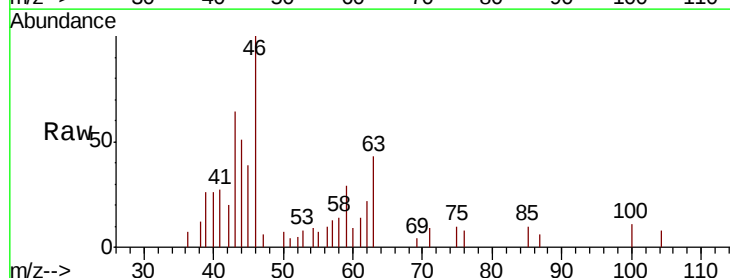
Ion Ratio Lower Upper

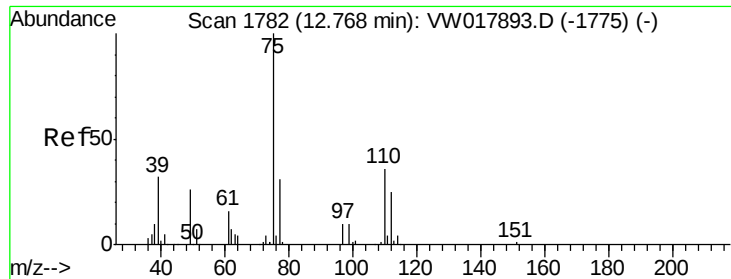
43 100

58 33.5 51.3 76.9#

57 0.0 15.0 22.6#

100 7.8 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 8.923 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017896.D

Acq: 15 Jan 2021 14:38

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 21235

Ion Ratio Lower Upper

75 100

77 35.6 26.6 39.8

