

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017490.D
 Acq On : 24 Nov 2020 22:13
 Operator : SY/VA
 Sample : L4861-10
 Misc : 5.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:49:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	654577	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	563696	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	264352	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133768	15.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.16%
7) Chloroethane-d5	2.89	69	124549	17.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.56%
10) 1,1-Dichloroethene-d2	4.02	63	264065	13.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.08%
20) 2-Butanone-d5	7.08	46	74631	41.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.20%
24) Chloroform-d	7.65	84	373729	20.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	8.31	65	205810	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.24%
29) Benzene-d6	8.27	84	654523	18.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.52%
33) 1,2-Dichloropropane-d6	9.27	67	206849	21.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.28%
37) Toluene-d8	10.32	98	620792	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.68%
38) trans-1,3-Dichloropropene-	10.58	79	86137	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.40%
39) 2-Hexanone-d5	10.93	63	49483	41.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143062	20.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	205526	21.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.00%

Target Compounds

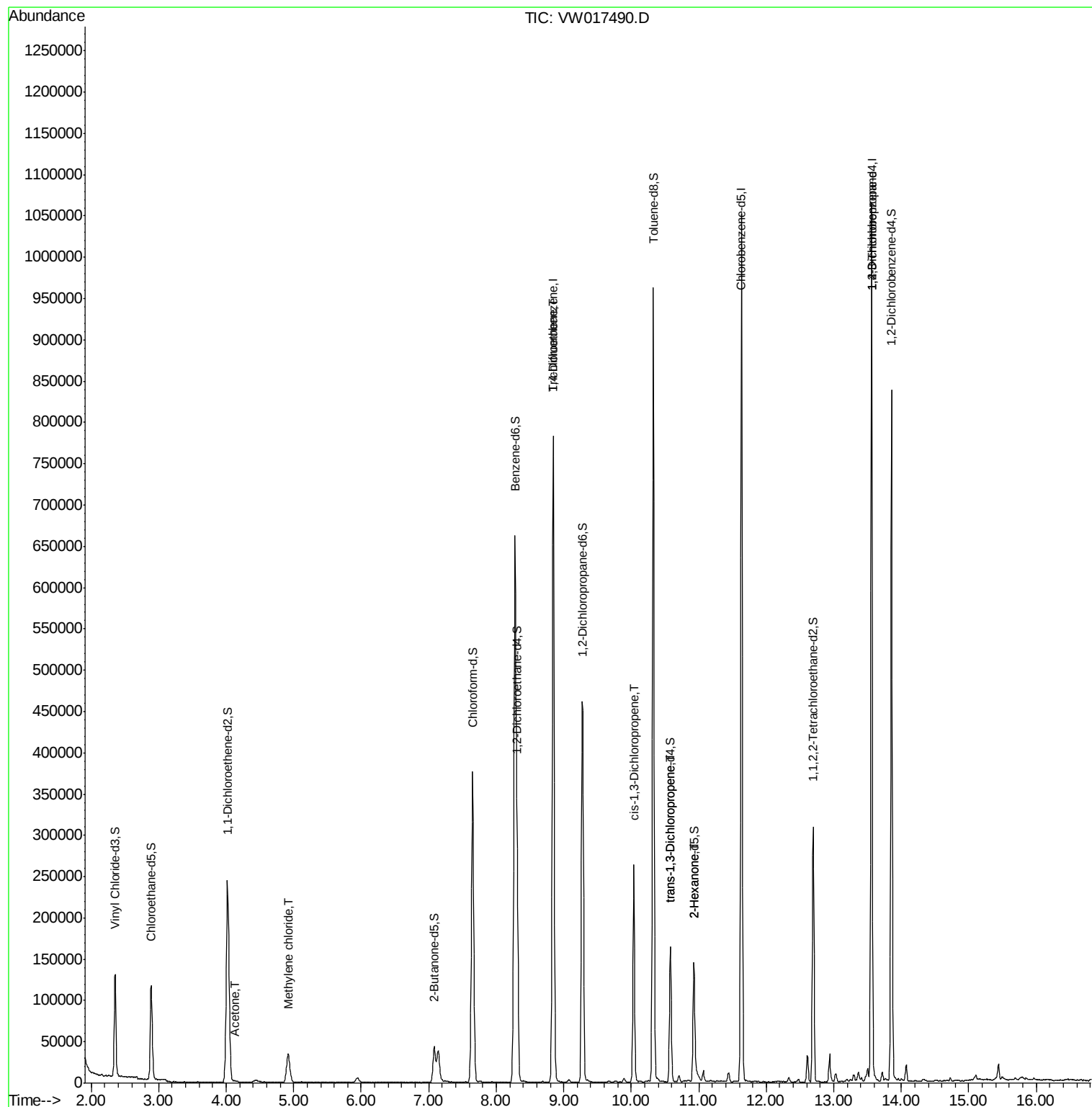
					Ovalue
13) Acetone	4.14	43	3079	1.762 ug/L	83
16) Methylene chloride	4.92	84	28080	2.857 ug/L	95
35) Trichloroethene	8.84	95	20696	2.203 ug/L #	3
42) cis-1,3-Dichloropropene	10.04	75	7201	0.584 ug/L #	81
45) trans-1,3-Dichloropropene	10.59	75	4661	0.441 ug/L	91
49) 2-Hexanone	10.93	43	9130	3.529 ug/L #	54
59) 1,2,3-Trichloropropane	13.56	75	31442	6.638 ug/L	92

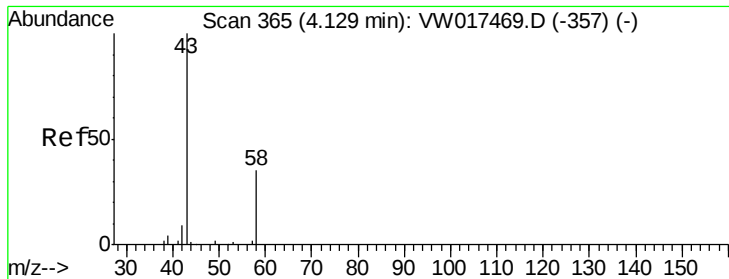
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.762 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017490.D

Acq: 24 Nov 2020 22:13

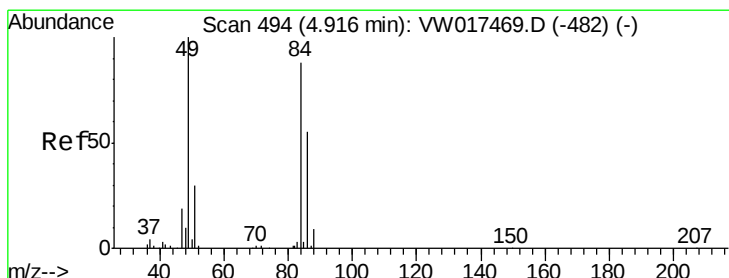
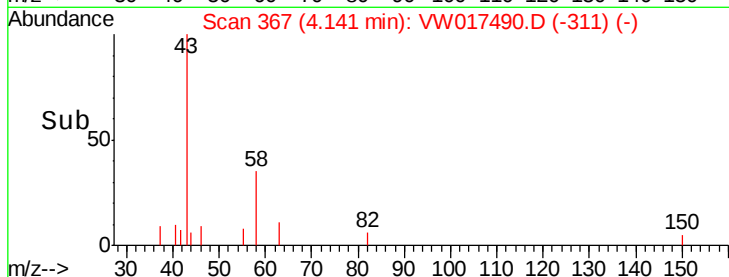
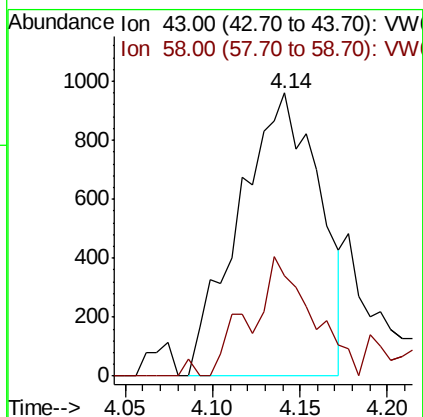
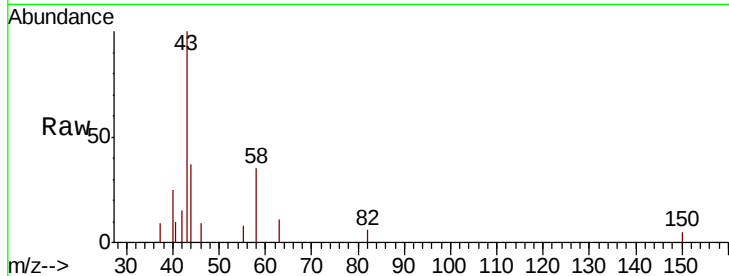
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3079

Ion Ratio Lower Upper

43 100

58 24.3 0.0 68.4



#16

Methylene chloride

Concen: 2.857 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017490.D

Acq: 24 Nov 2020 22:13

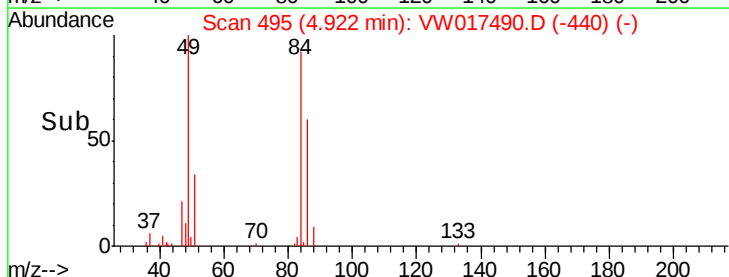
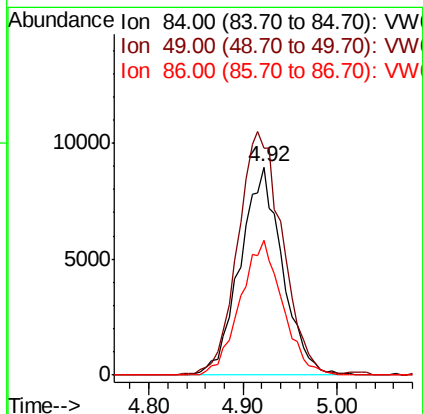
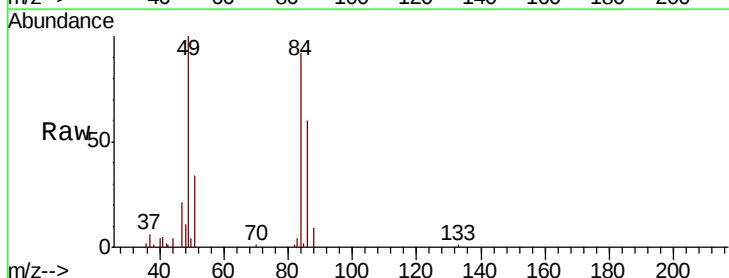
Tgt Ion: 84 Resp: 28080

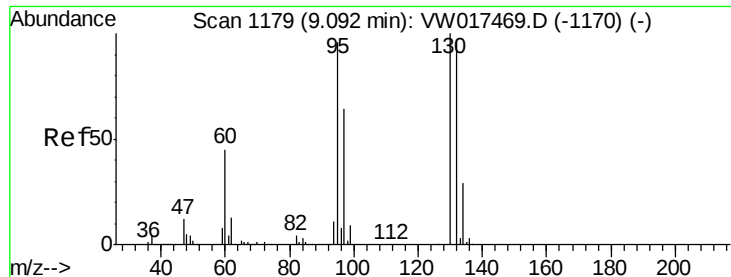
Ion Ratio Lower Upper

84 100

49 108.9 81.2 150.8

86 65.0 44.5 82.7





#35

Trichloroethene

Concen: 2.203 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017490.D

Acq: 24 Nov 2020 22:13

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 20696

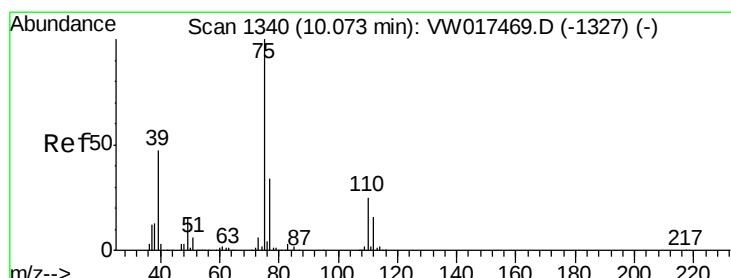
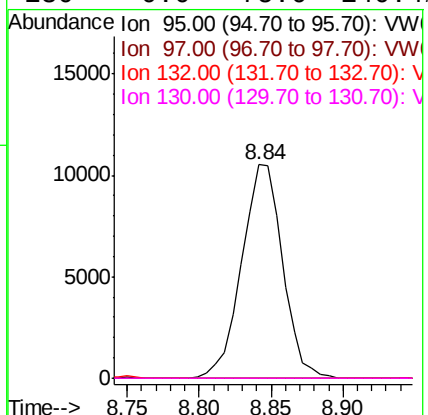
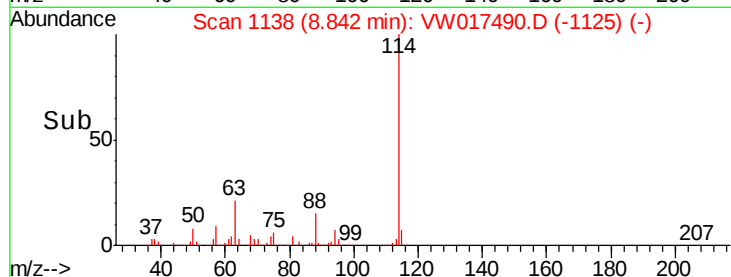
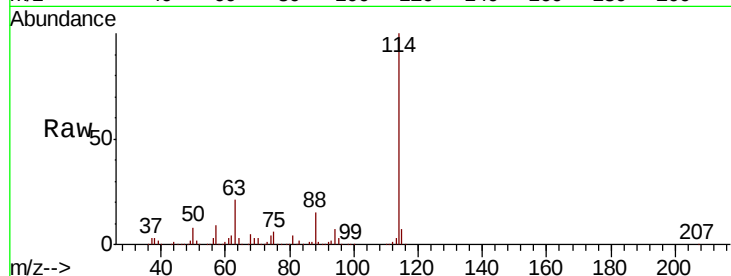
Ion Ratio Lower Upper

95 100

97 0.1 45.0 83.6#

132 0.0 71.0 131.8#

130 0.0 75.6 140.4#



#42

cis-1,3-Dichloropropene

Concen: 0.584 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017490.D

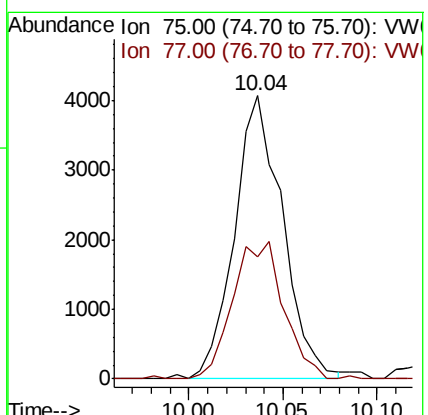
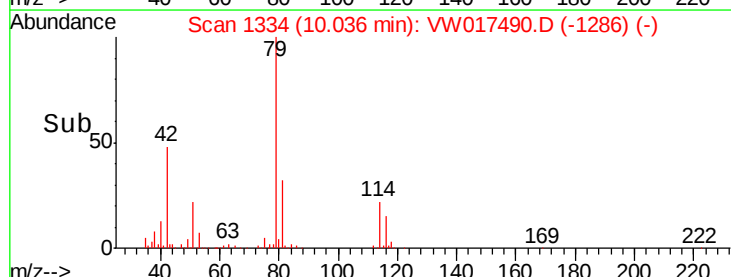
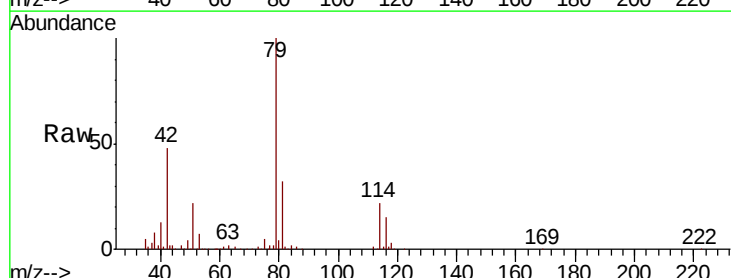
Acq: 24 Nov 2020 22:13

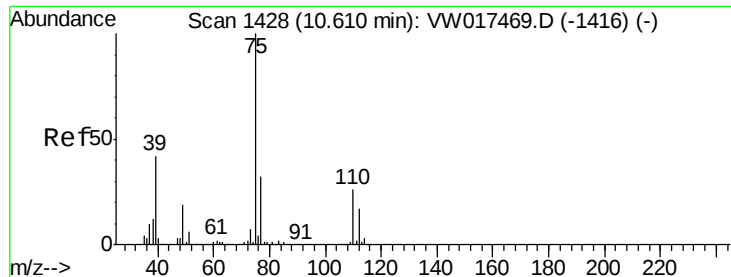
Tgt Ion: 75 Resp: 7201

Ion Ratio Lower Upper

75 100

77 43.1 22.7 42.3#





#45

trans-1,3-Dichloropropene

Concen: 0.441 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017490.D

Acq: 24 Nov 2020 22:13

Instrument :

MSVOA_W

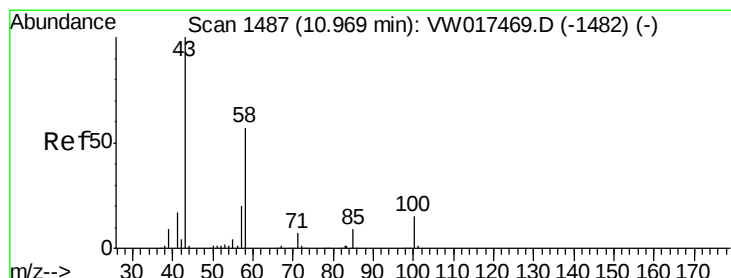
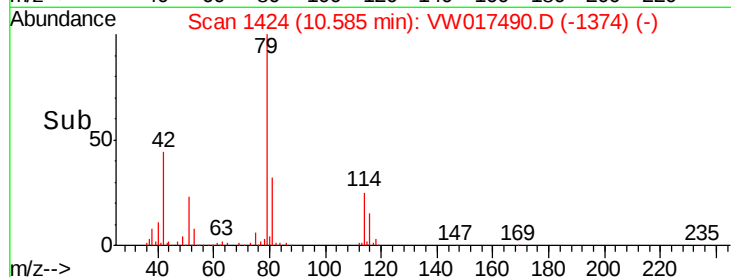
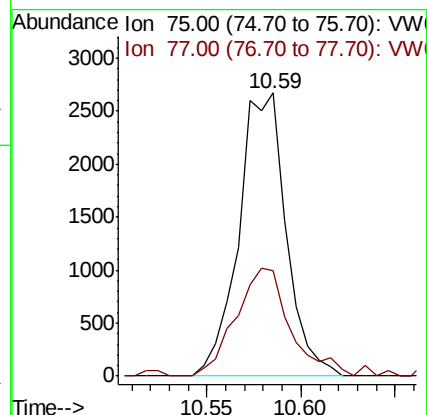
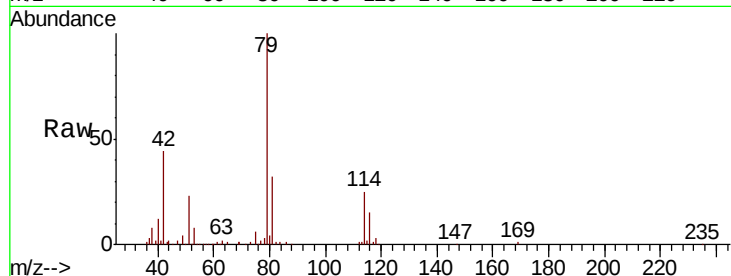
ClientSampleId :

Tot Ion: 75 Resp: 4661

Ion Ratio Lower Upper

75 100

77 37.2 22.6 42.0



#49

2-Hexanone

Concen: 3.529 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017490.D

Acq: 24 Nov 2020 22:13

Tgt Ion: 43 Resp: 9130

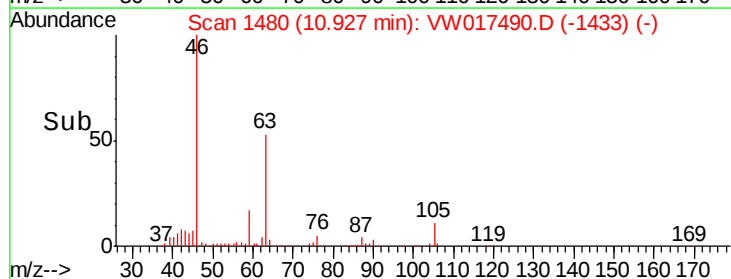
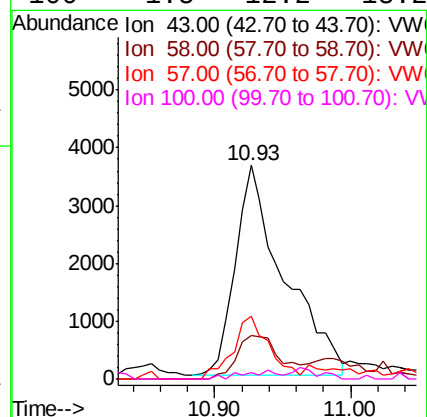
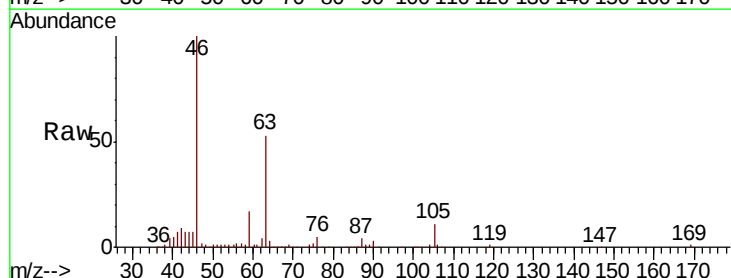
Ion Ratio Lower Upper

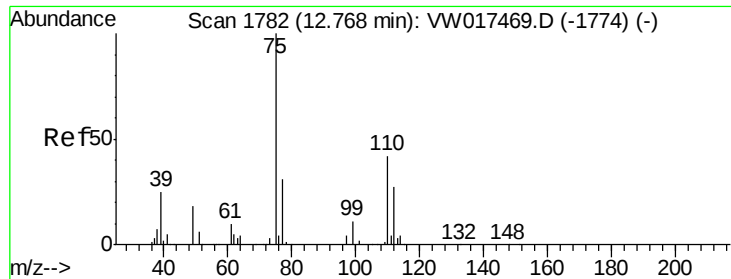
43 100

58 16.2 51.3 76.9#

57 22.0 15.0 22.6

100 1.5 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 6.638 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017490.D

Acq: 24 Nov 2020 22:13

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 31442

Ion Ratio Lower Upper

75 100

77 37.5 26.6 39.8

