

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017738.D
 Acq On : 24 Dec 2020 16:01
 Operator : SY/VA
 Sample : L5206-06
 Misc : 5.57G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:48:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	415745	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	371281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167331	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121675	18.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.64%
7) Chloroethane-d5	2.89	69	107480	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.00%
10) 1,1-Dichloroethene-d2	4.15	63	145	0.01	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.08	46	54853	52.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.22%
24) Chloroform-d	7.65	84	230084	21.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.72%
26) 1,2-Dichloroethane-d4	8.31	65	131712	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.68%
29) Benzene-d6	8.27	84	444267	21.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.96%
33) 1,2-Dichloropropane-d6	9.27	67	130471	22.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.52%
37) Toluene-d8	10.32	98	395147	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.68%
38) trans-1,3-Dichloropropene-	10.58	79	52352	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.48%
39) 2-Hexanone-d5	10.93	63	39799	54.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100163	23.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	124970	21.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.80%

Target Compounds

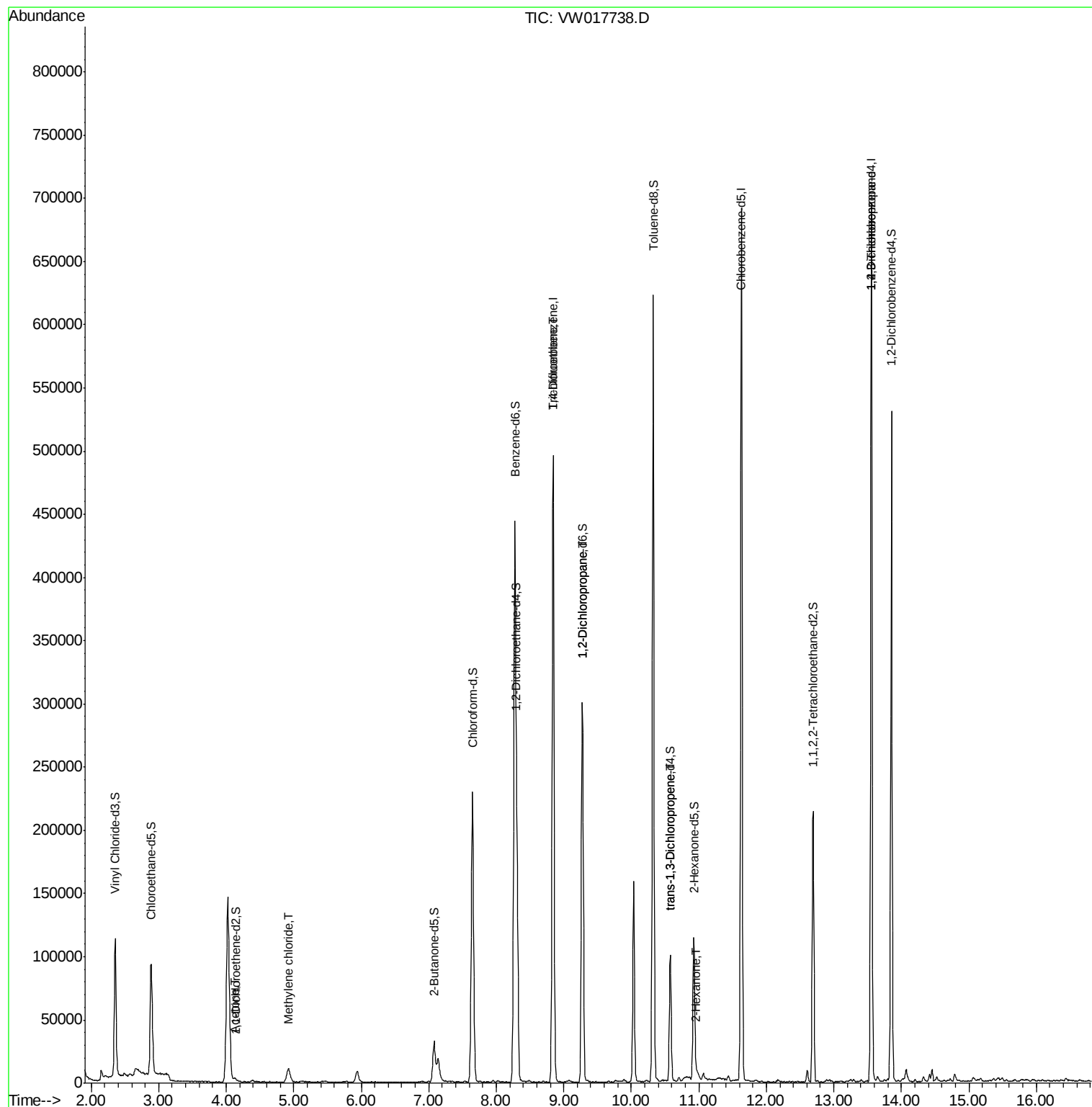
					Ovalue
13) Acetone	4.14	43	4979	5.530 ug/L	80
16) Methylene chloride	4.92	84	5040	0.848 ug/L	82
35) Trichloroethene	8.85	95	13019	2.216 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	16316	3.256 ug/L #	86
45) trans-1,3-Dichloropropene	10.58	75	2775	0.407 ug/L	88
49) 2-Hexanone	10.97	43	1501	0.869 ug/L	91
59) 1,2,3-Trichloropropane	13.55	75	23517	7.695 ug/L	92

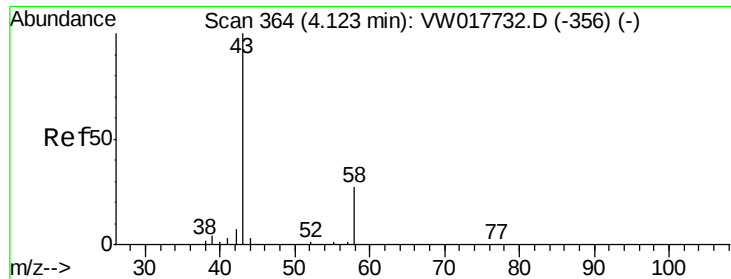
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 25 07:46:43 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.530 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017738.D

Acq: 24 Dec 2020 16:01

Instrument :

MSVOA_W

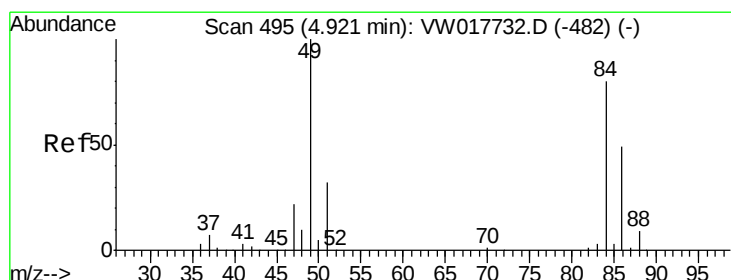
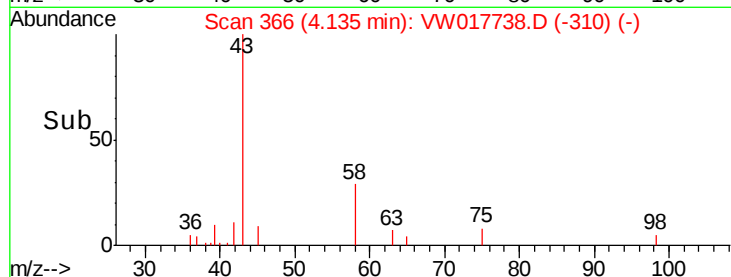
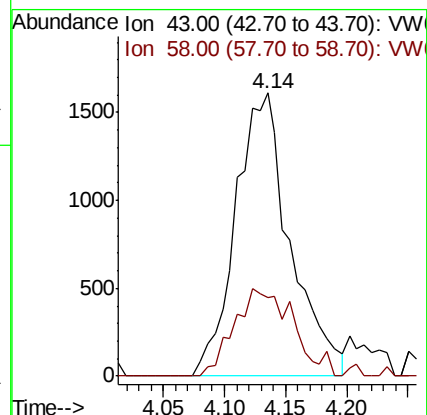
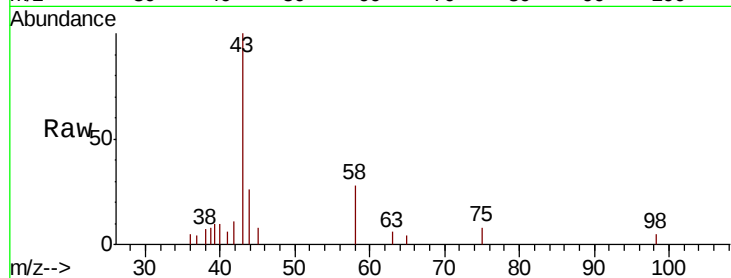
ClientSampleId :

Tot Ion: 43 Resp: 4979

Ion Ratio Lower Upper

43 100

58 19.5 0.0 60.8



#16

Methylene chloride

Concen: 0.848 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017738.D

Acq: 24 Dec 2020 16:01

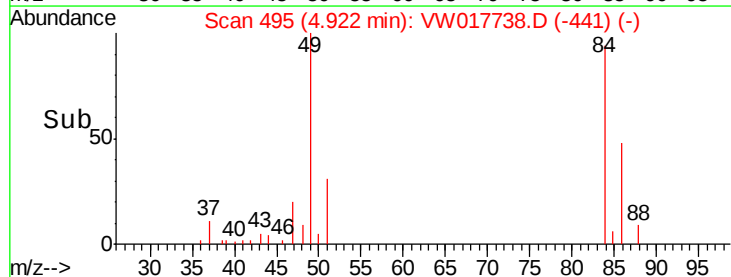
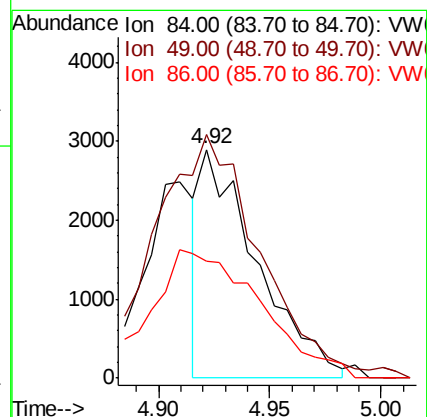
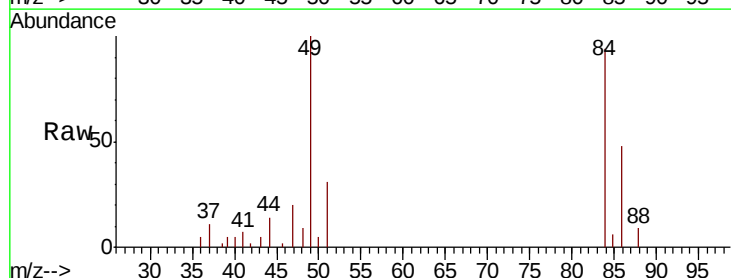
Tgt Ion: 84 Resp: 5040

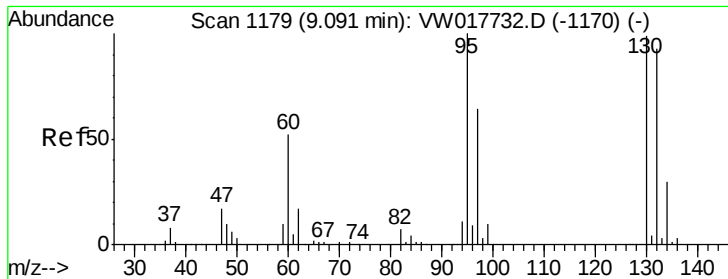
Ion Ratio Lower Upper

84 100

49 106.5 90.5 168.1

86 51.3 44.8 83.2





#35

Trichloroethene

Concen: 2.216 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017738.D

Acq: 24 Dec 2020 16:01

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 13019

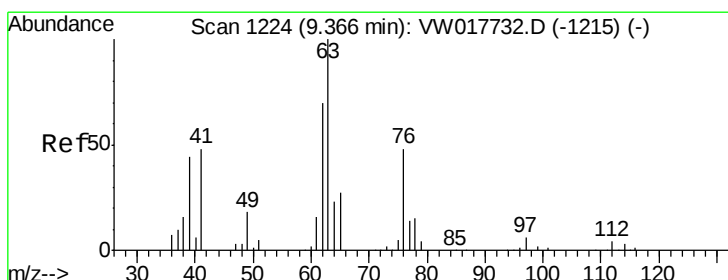
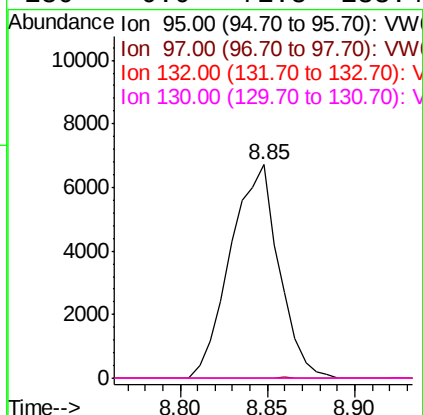
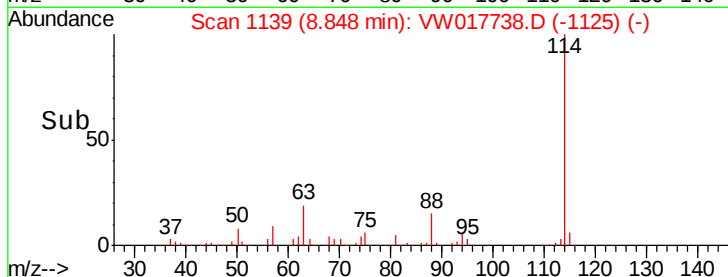
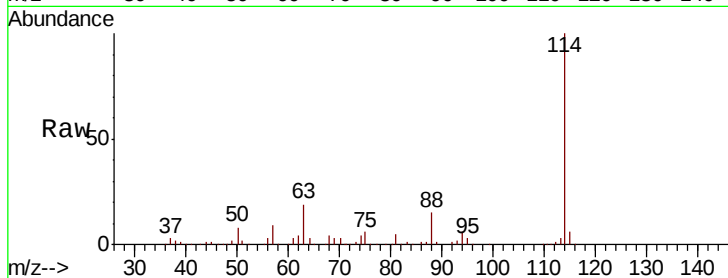
Ion Ratio Lower Upper

95 100

97 0.0 46.8 87.0#

132 0.0 68.3 126.9#

130 0.0 71.8 133.4#



#40

1,2-Dichloropropane

Concen: 3.256 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW017738.D

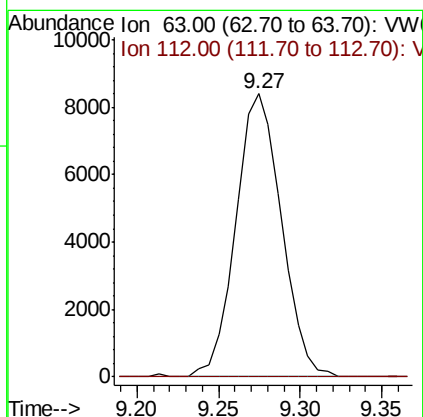
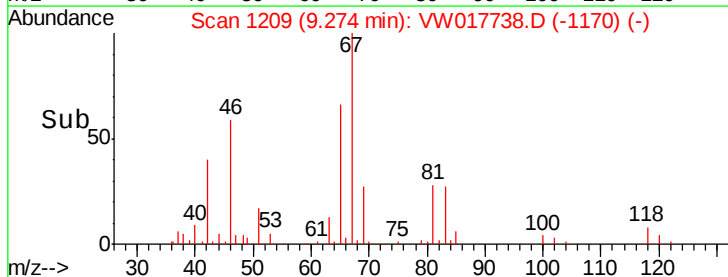
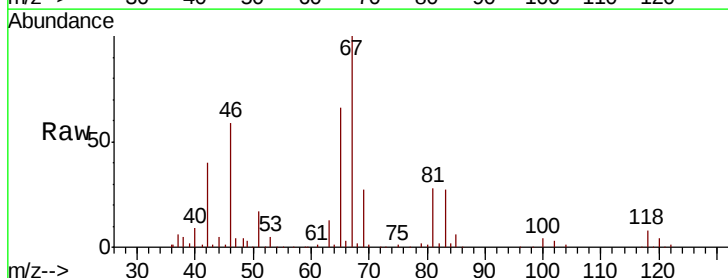
Acq: 24 Dec 2020 16:01

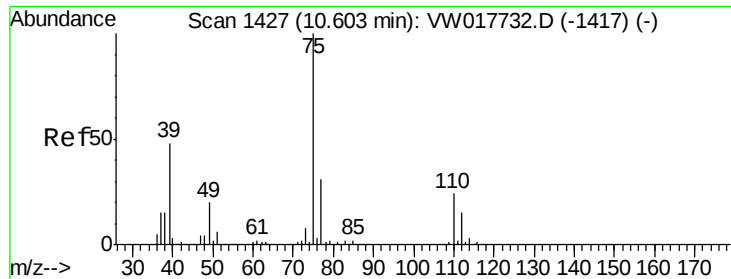
Tgt Ion: 63 Resp: 16316

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#





#45

trans-1,3-Dichloropropene

Concen: 0.407 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017738.D

Acq: 24 Dec 2020 16:01

Instrument :

MSVOA_W

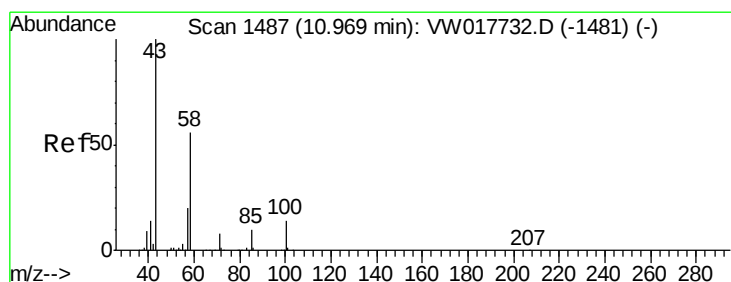
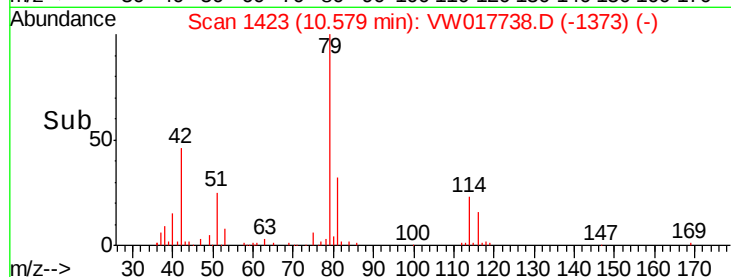
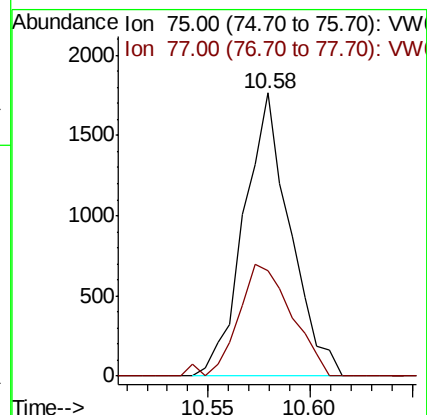
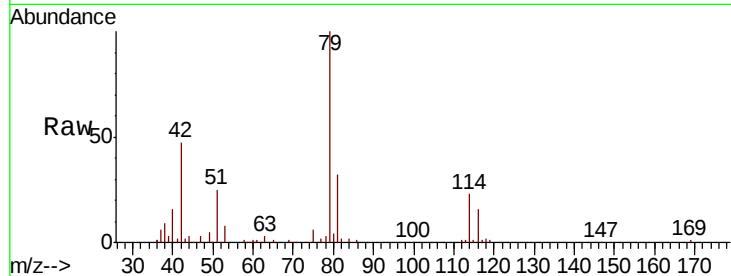
ClientSampled :

Tot Ion: 75 Resp: 2775

Ion Ratio Lower Upper

75 100

77 37.3 21.6 40.0



#49

2-Hexanone

Concen: 0.869 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017738.D

Acq: 24 Dec 2020 16:01

Tgt Ion: 43 Resp: 1501

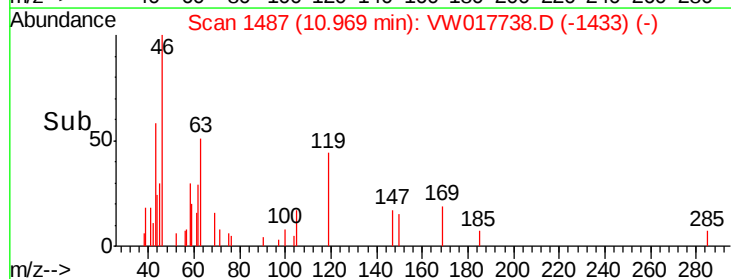
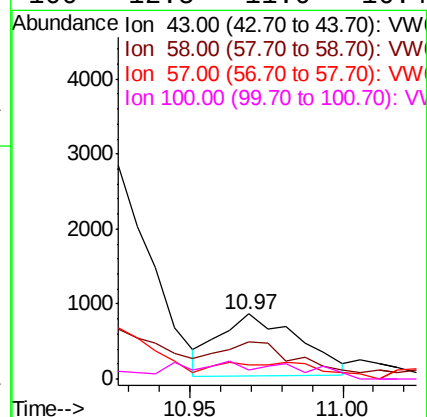
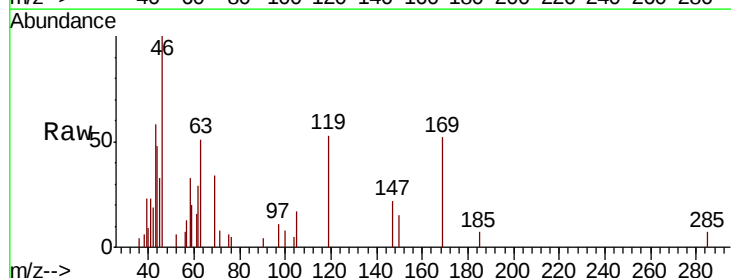
Ion Ratio Lower Upper

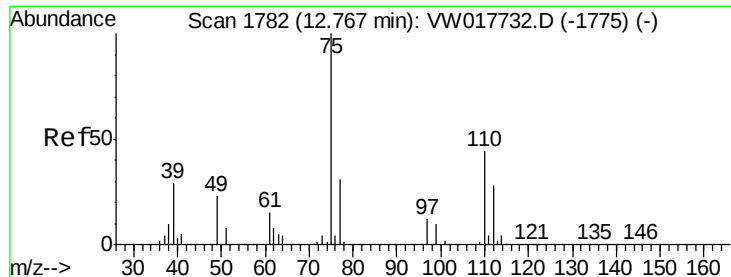
43 100

58 64.1 44.2 66.4

57 18.9 16.1 24.1

100 12.5 11.0 16.4





#59

1,2,3-Trichloropropane

Concen: 7.695 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017738.D

Acq: 24 Dec 2020 16:01

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 23517

Ion Ratio Lower Upper

75 100

77 36.2 25.4 38.0

