

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017749.D
 Acq On : 24 Dec 2020 20:43
 Operator : SY/VA
 Sample : VIBLK25
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:50:25 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	301605	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	279387	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	134798	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	108013	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.60%
7) Chloroethane-d5	2.89	69	93652	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.28%
10) 1,1-Dichloroethene-d2	4.02	63	140841	17.32	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.28%
20) 2-Butanone-d5	7.07	46	54372	71.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.78%#
24) Chloroform-d	7.65	84	198850	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	121658	29.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.28%
29) Benzene-d6	8.27	84	396418	25.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.76%
33) 1,2-Dichloropropane-d6	9.27	67	114502	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.56%
37) Toluene-d8	10.32	98	363187	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.12%
38) trans-1,3-Dichloropropene-	10.58	79	48332	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.96%
39) 2-Hexanone-d5	10.93	63	37165	68.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.44%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99600	30.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.72%#
61) 1,2-Dichlorobenzene-d4	13.85	152	123790	26.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.48%

Target Compounds

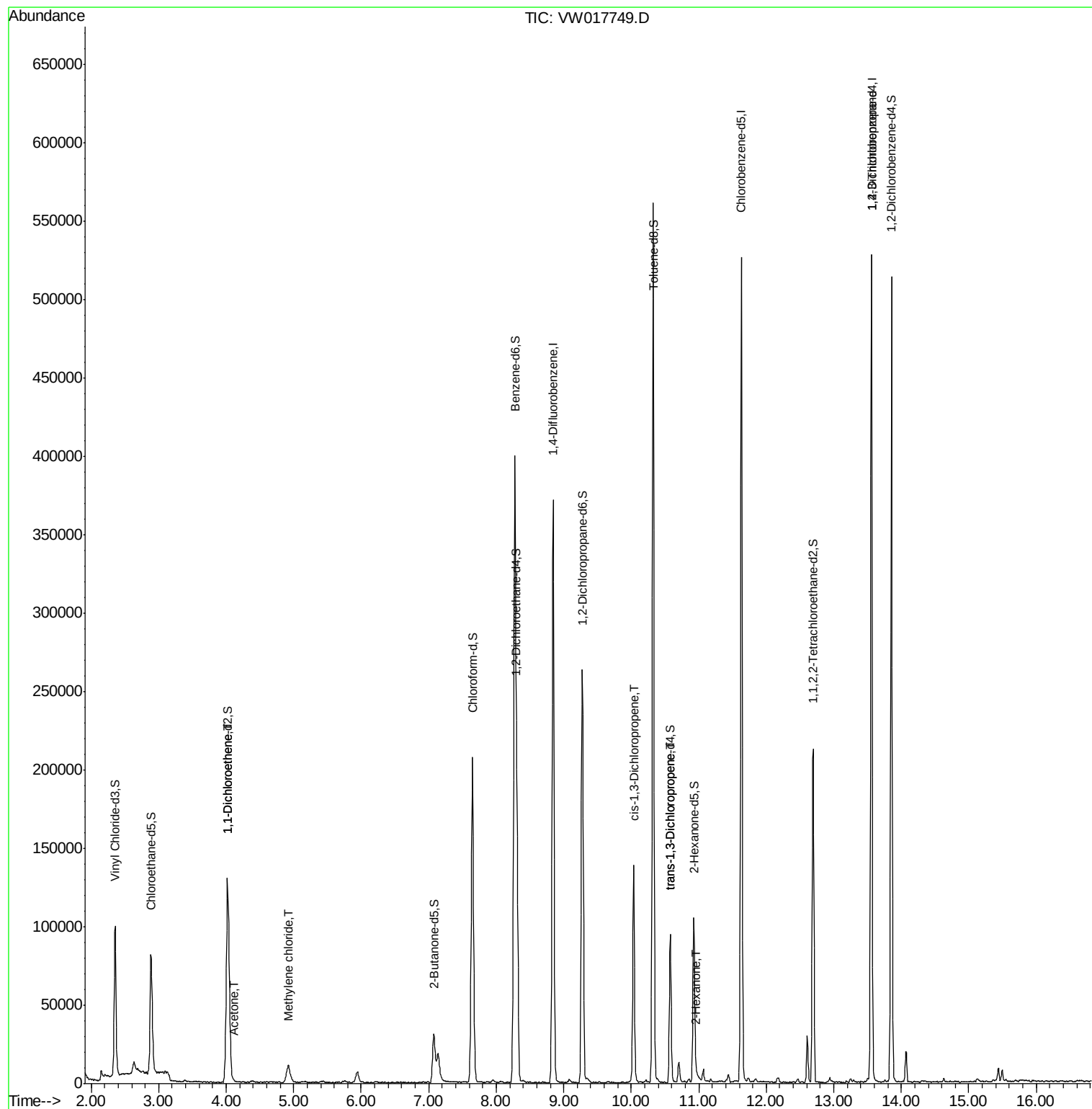
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	1387	0.373	ug/L #	1
13) Acetone	4.12	43	559	0.856	ug/L	52
16) Methylene chloride	4.92	84	9494	2.201	ug/L	85
42) cis-1,3-Dichloropropene	10.03	75	4699	0.781	ug/L #	68
45) trans-1,3-Dichloropropene	10.58	75	2961	0.578	ug/L #	77
49) 2-Hexanone	10.97	43	1463	1.125	ug/L #	82
59) 1,2,3-Trichloropropane	13.55	75	19030	8.274	ug/L	94

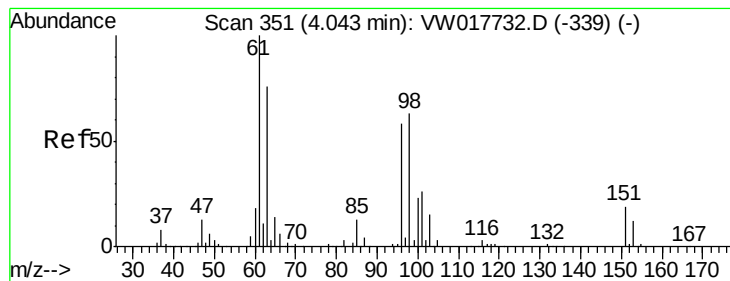
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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Quant Time: Dec 25 07:50:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 25 07:46:43 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.373 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW017749.D

Acq: 24 Dec 2020 20:43

Instrument :

MSVOA_W

ClientSampled :

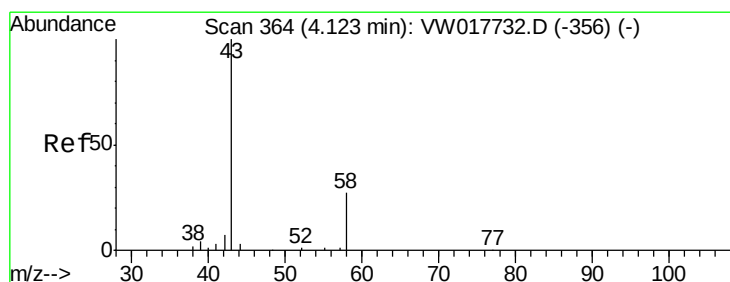
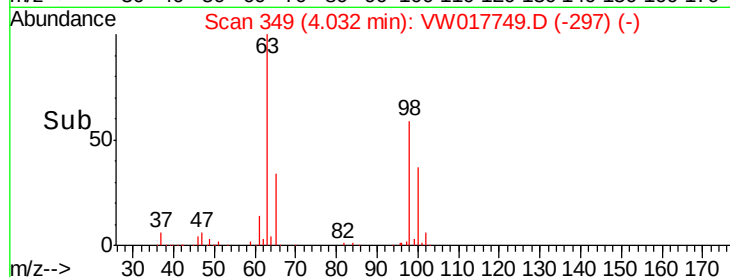
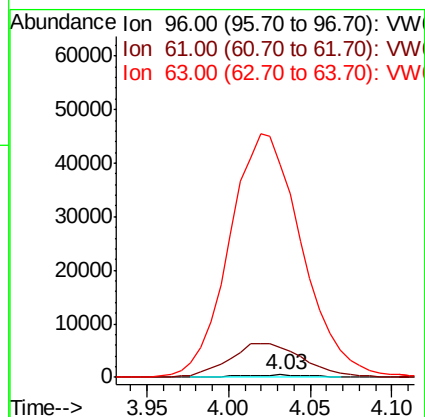
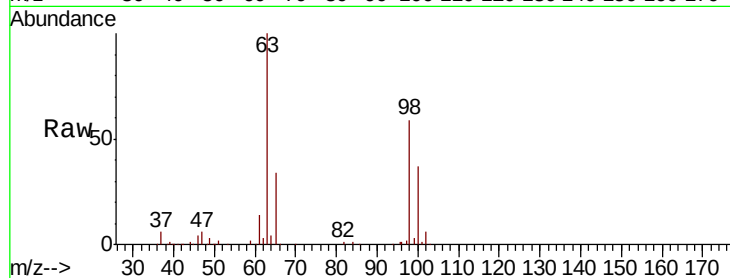
Tot Ion: 96 Resp: 1387

Ion Ratio Lower Upper

96 100

61 1100.0 126.1 234.1#

63 7740.1 90.0 167.2#



#13

Acetone

Concen: 0.856 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017749.D

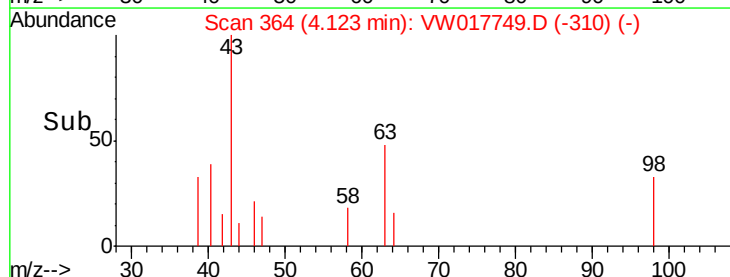
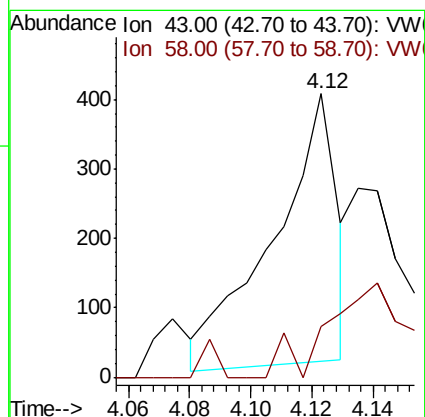
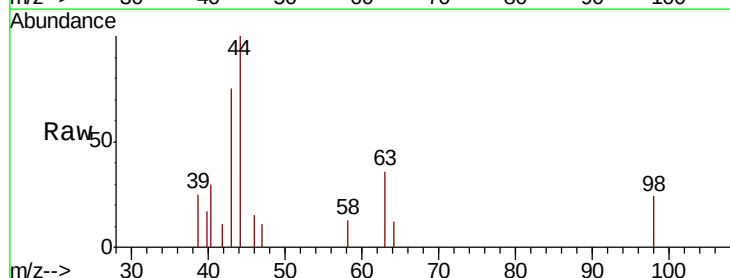
Acq: 24 Dec 2020 20:43

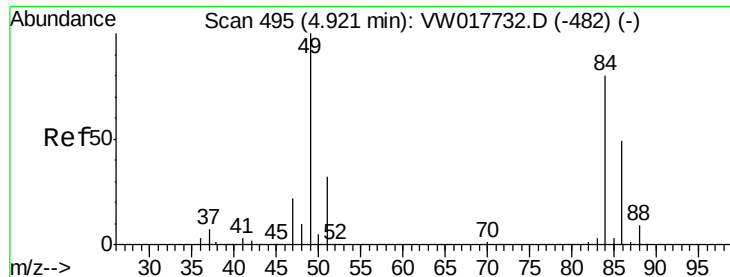
Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

58 4.1 0.0 60.8

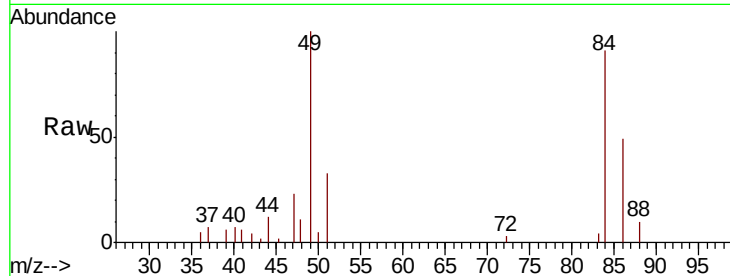




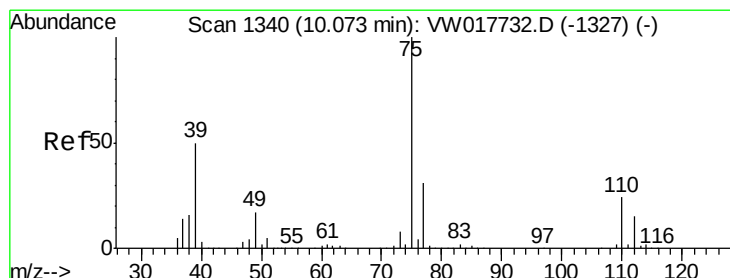
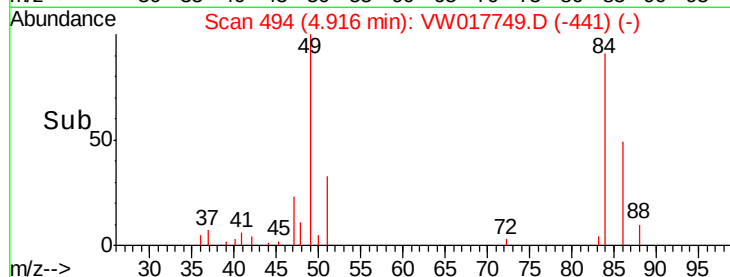
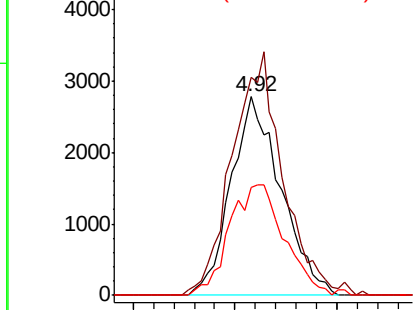
#16
Methylene chloride
Concen: 2.201 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017749.D
Acq: 24 Dec 2020 20:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 9494
Ion Ratio Lower Upper
84 100
49 110.1 90.5 168.1
86 54.4 44.8 83.2

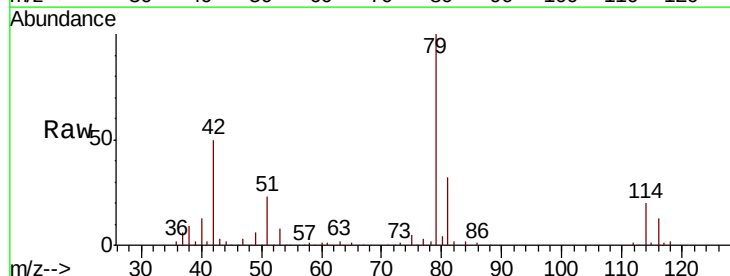


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

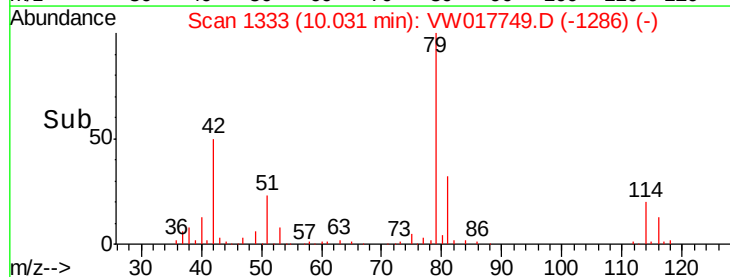
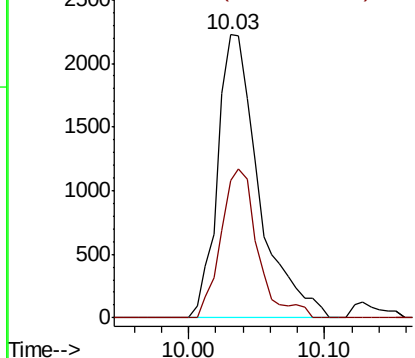


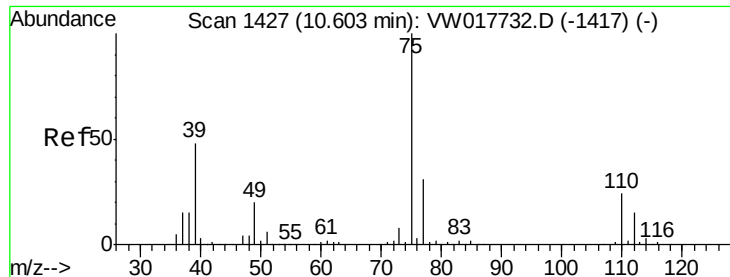
#42
cis-1,3-Dichloropropene
Concen: 0.781 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW017749.D
Acq: 24 Dec 2020 20:43

Tgt Ion: 75 Resp: 4699
Ion Ratio Lower Upper
75 100
77 48.6 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017749.D

Acq: 24 Dec 2020 20:43

Instrument :

MSVOA_W

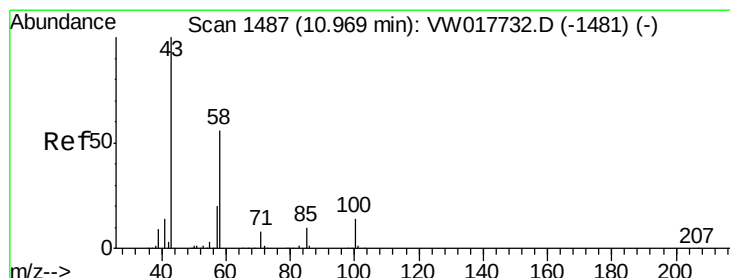
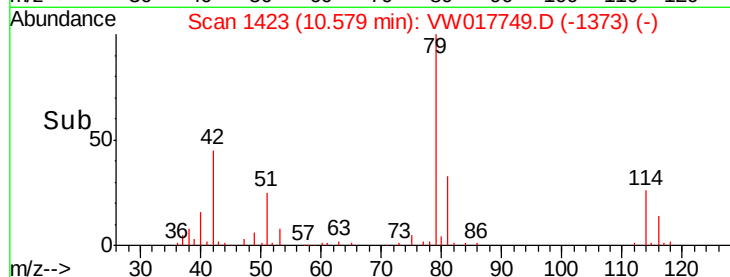
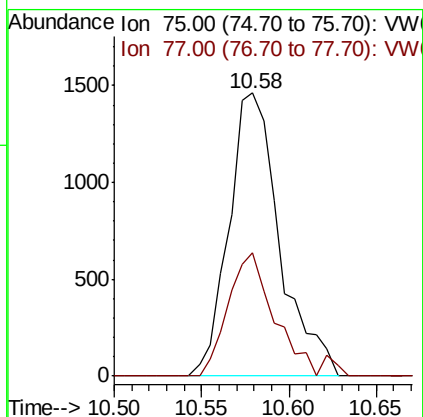
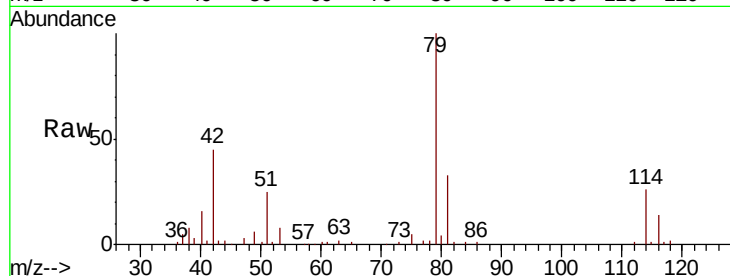
ClientSampled :

Tot Ion: 75 Resp: 2961

Ion Ratio Lower Upper

75 100

77 43.4 21.6 40.0#



#49

2-Hexanone

Concen: 1.125 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017749.D

Acq: 24 Dec 2020 20:43

Tgt Ion: 43 Resp: 1463

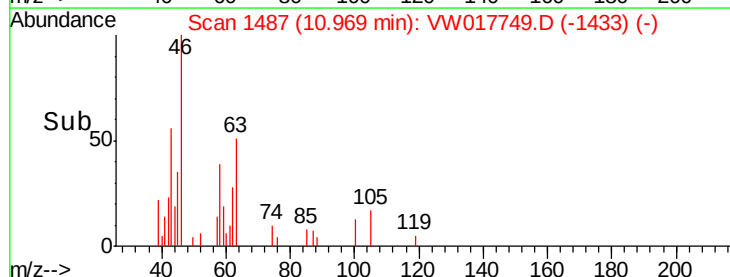
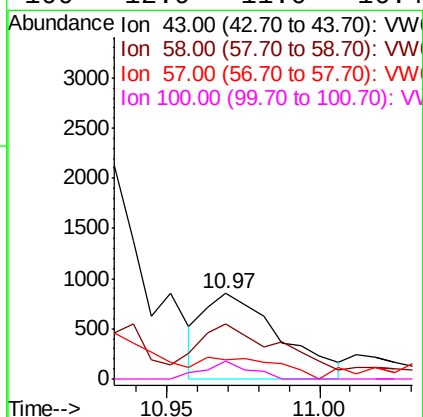
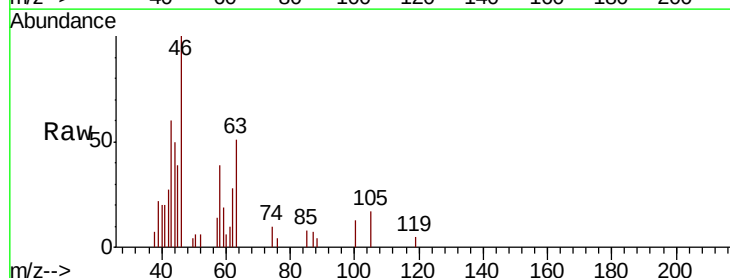
Ion Ratio Lower Upper

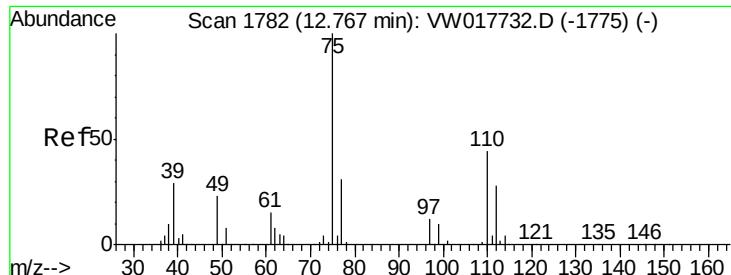
43 100

58 73.3 44.2 66.4#

57 25.4 16.1 24.1#

100 12.9 11.0 16.4





#59

1,2,3-Trichloropropane

Concen: 8.274 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017749.D

Acq: 24 Dec 2020 20:43

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 19030

Ion Ratio Lower Upper

75 100

77 35.0 25.4 38.0

