

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017739.D
 Acq On : 24 Dec 2020 16:24
 Operator : SY/VA
 Sample : L5173-06
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:48:08 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	391414	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358472	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118929	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.56%
7) Chloroethane-d5	2.89	69	107552	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
10) 1,1-Dichloroethene-d2	4.02	63	156628	14.84	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.36%
20) 2-Butanone-d5	7.07	46	55196	56.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.46%
24) Chloroform-d	7.65	84	227966	22.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.16%
26) 1,2-Dichloroethane-d4	8.31	65	129122	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.56%
29) Benzene-d6	8.27	84	443333	21.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.80%
33) 1,2-Dichloropropane-d6	9.27	67	130561	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.84%
37) Toluene-d8	10.32	98	398785	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.24%
38) trans-1,3-Dichloropropene-	10.58	79	51818	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.56%
39) 2-Hexanone-d5	10.93	63	40012	57.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101916	24.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	127258	23.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.76%

Target Compounds

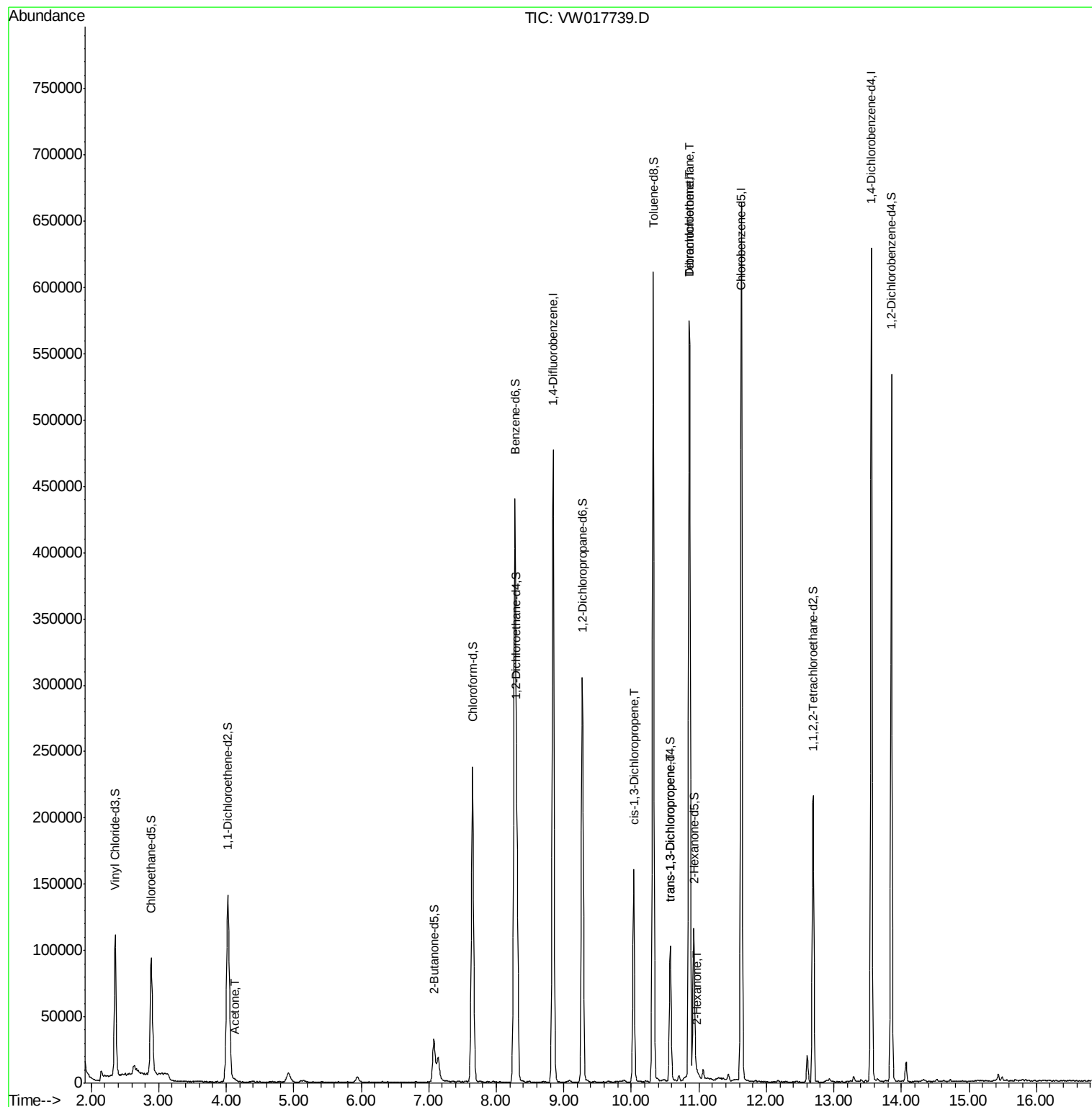
					Ovalue
13) Acetone	4.13	43	2960	3.492 ug/L	85
42) cis-1,3-Dichloropropene	10.04	75	4951	0.641 ug/L	93
45) trans-1,3-Dichloropropene	10.59	75	3228	0.491 ug/L	90
47) Tetrachloroethene	10.87	164	118208	26.650 ug/L	96
49) 2-Hexanone	10.98	43	1031	0.618 ug/L #	67
50) Dibromochloromethane	10.86	129	115331	27.010 ug/L #	10

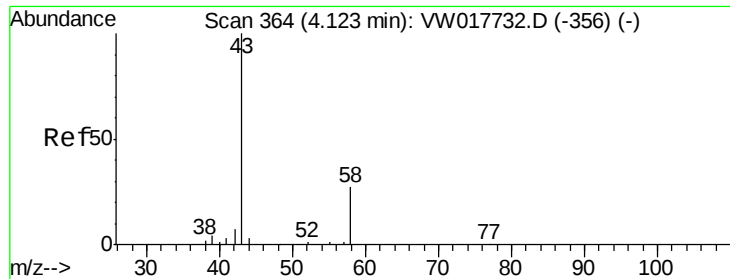
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 3.492 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017739.D

Acq: 24 Dec 2020 16:24

Instrument :

MSVOA_W

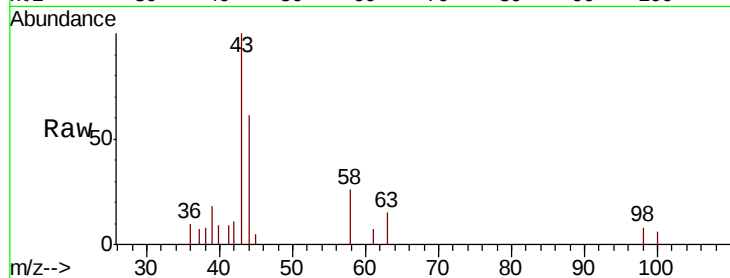
ClientSampled :

Tot Ion: 43 Resp: 2960

Ion Ratio Lower Upper

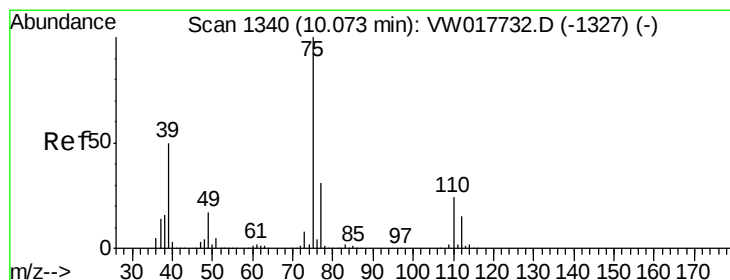
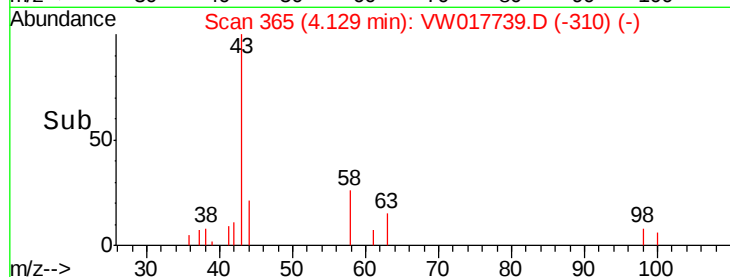
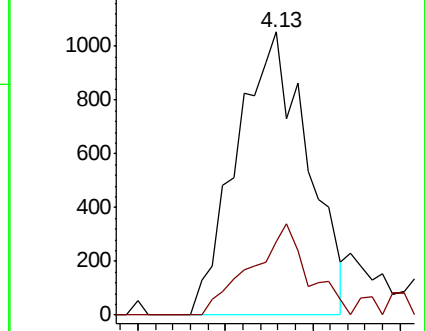
43 100

58 22.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.641 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017739.D

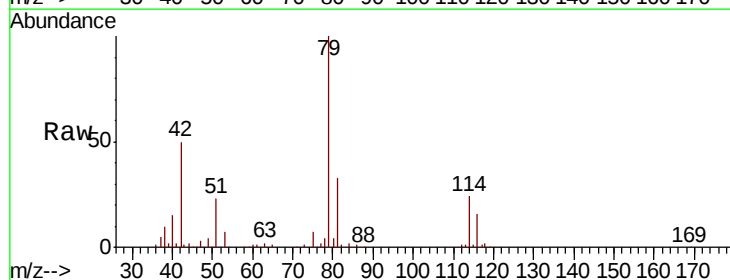
Acq: 24 Dec 2020 16:24

Tgt Ion: 75 Resp: 4951

Ion Ratio Lower Upper

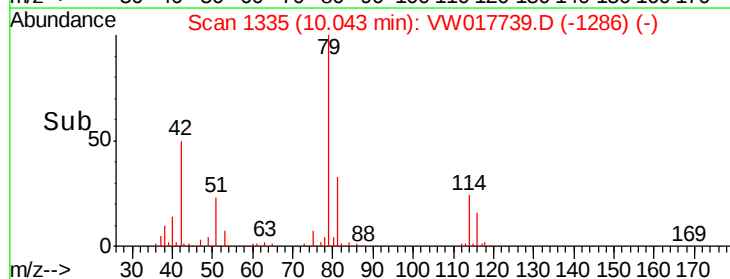
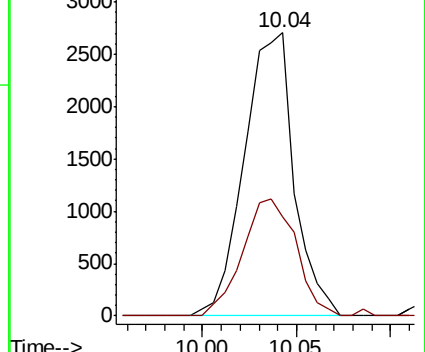
75 100

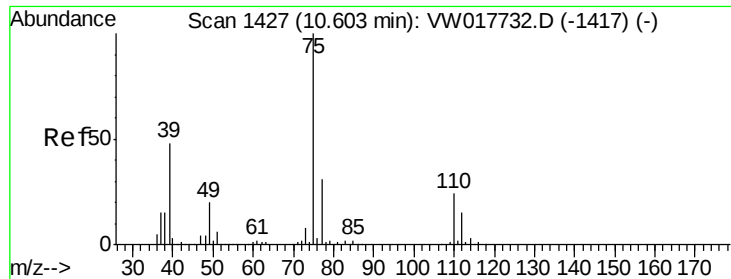
77 34.9 21.6 40.2



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: 0.491 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017739.D

Acq: 24 Dec 2020 16:24

Instrument :

MSVOA_W

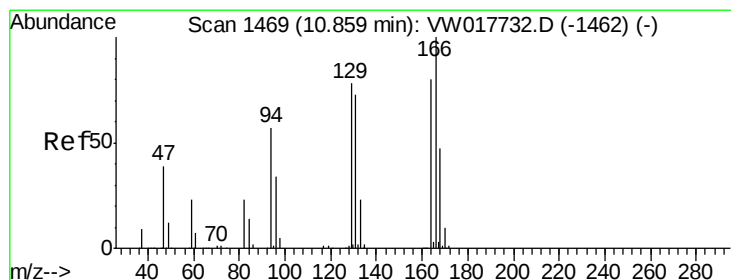
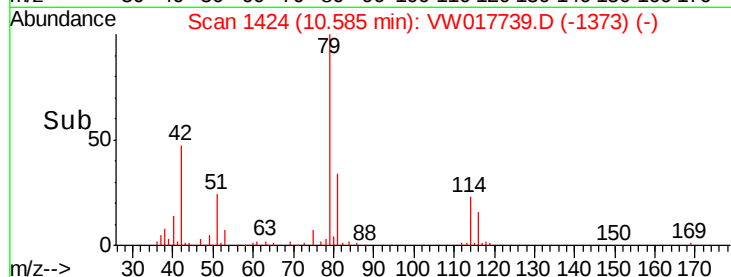
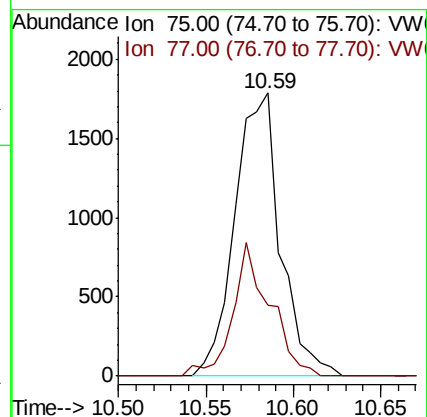
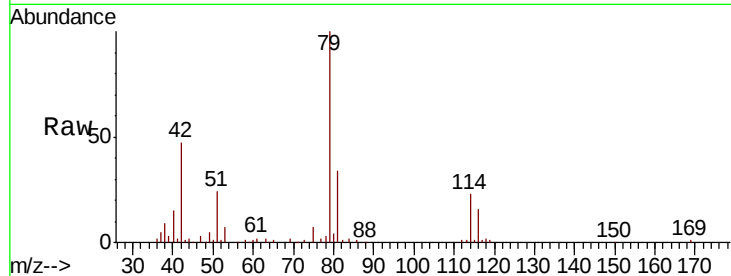
ClientSampleId :

Tot Ion: 75 Resp: 3228

Ion Ratio Lower Upper

75 100

77 25.1 21.6 40.0



#47

Tetrachloroethene

Concen: 26.650 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017739.D

Acq: 24 Dec 2020 16:24

Tgt Ion: 164 Resp: 118208

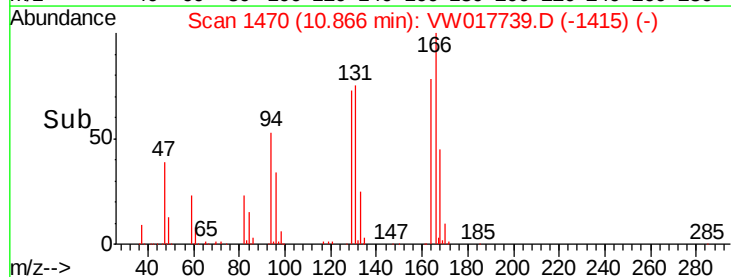
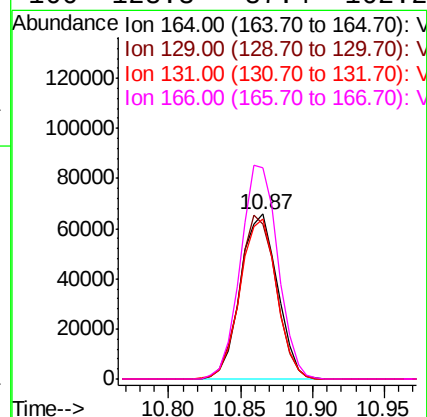
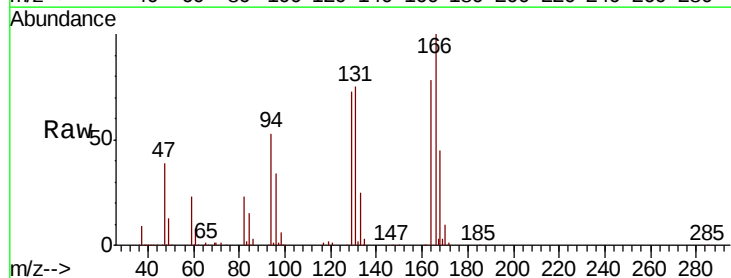
Ion Ratio Lower Upper

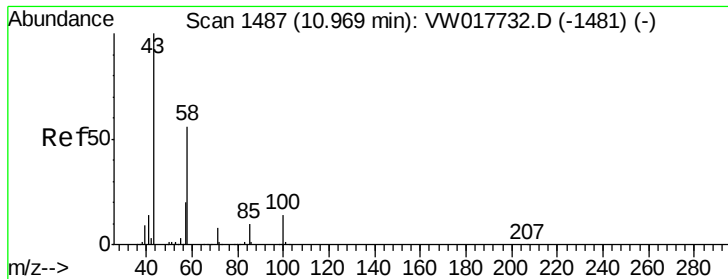
164 100

129 94.0 62.9 116.9

131 96.7 63.8 118.6

166 128.3 87.4 162.2





#49

2-Hexanone

Concen: 0.618 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017739.D

Acq: 24 Dec 2020 16:24

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 1031

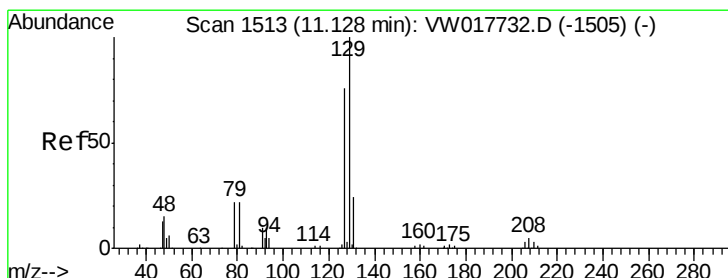
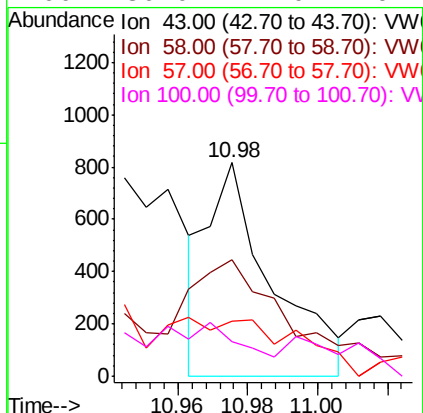
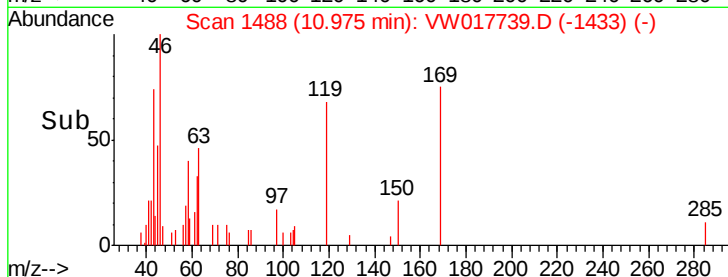
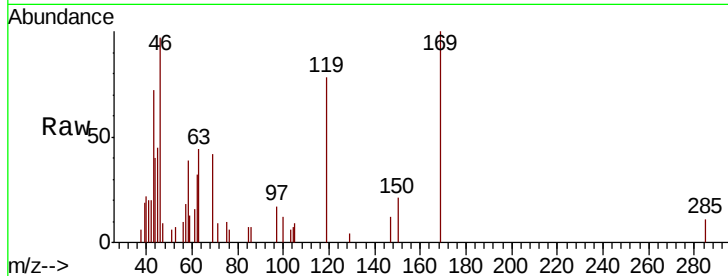
Ion Ratio Lower Upper

43 100

58 86.2 44.2 66.4#

57 19.4 16.1 24.1

100 30.0 11.0 16.4#



#50

Dibromochloromethane

Concen: 27.010 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW017739.D

Acq: 24 Dec 2020 16:24

Tgt Ion:129 Resp: 115331

Ion Ratio Lower Upper

129 100

127 0.7 56.1 104.3#

