

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017482.D
 Acq On : 24 Nov 2020 19:05
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:48:31 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	8.85	114	526270	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	474602	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	253076	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107741	15.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.24%
7) Chloroethane-d5	2.90	69	96664	16.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.20%
10) 1,1-Dichloroethene-d2	4.03	63	200418	13.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.00%
20) 2-Butanone-d5	7.09	46	75106	51.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.90%
24) Chloroform-d	7.65	84	295788	19.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.12%
26) 1,2-Dichloroethane-d4	8.31	65	162065	22.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.36%
29) Benzene-d6	8.27	84	573783	19.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.64%
33) 1,2-Dichloropropane-d6	9.27	67	170952	21.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.68%
37) Toluene-d8	10.33	98	544592	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.96%
38) trans-1,3-Dichloropropene-	10.58	79	77035	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.40%
39) 2-Hexanone-d5	10.93	63	54851	54.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.76%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	135887	23.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	208400	22.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.96%

Target Compounds

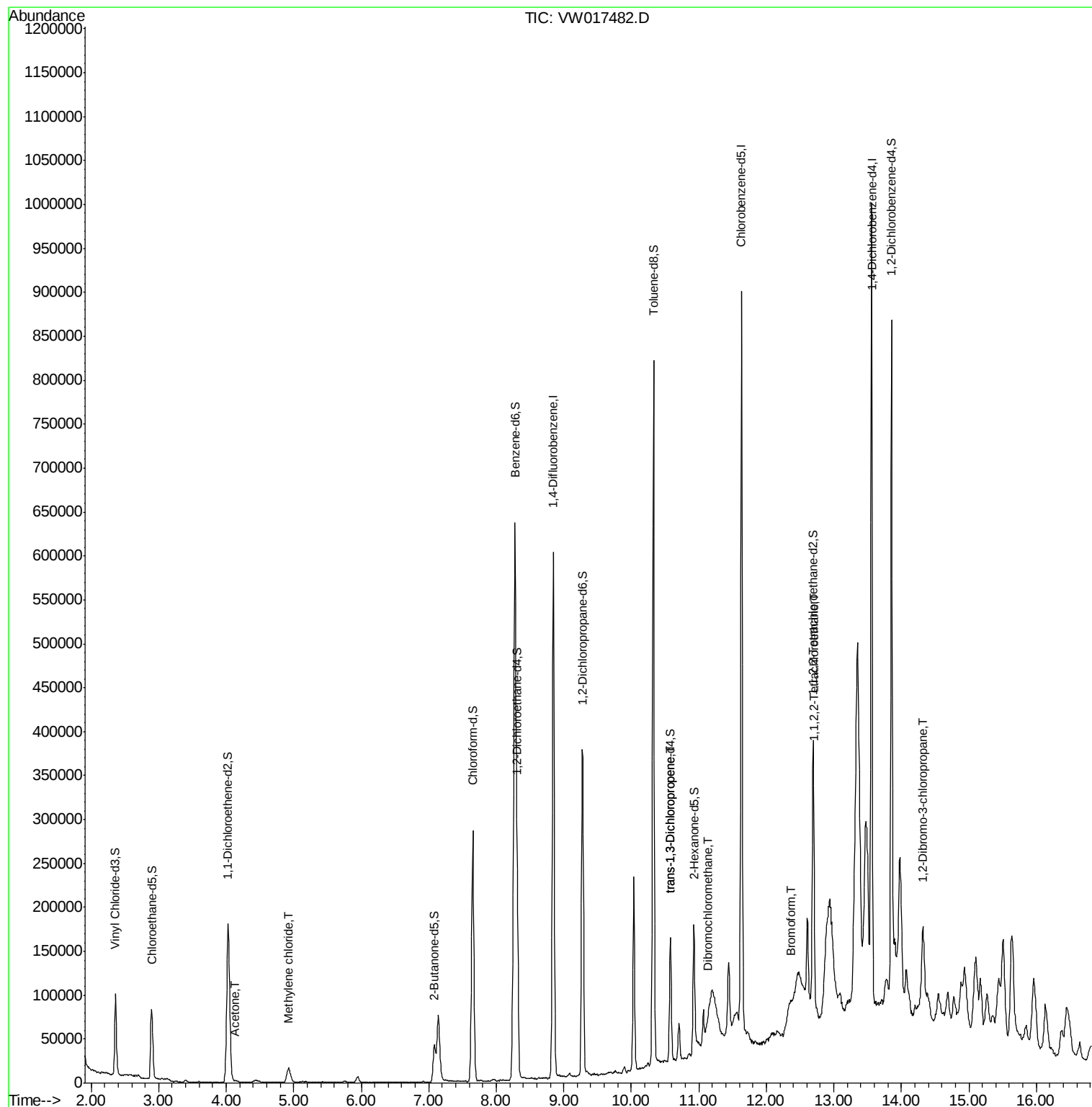
					Ovalue
13) Acetone	4.14	43	2974	2.117 ug/L	79
16) Methylene chloride	4.93	84	14574	1.844 ug/L	91
45) trans-1,3-Dichloropropene	10.58	75	3852	0.433 ug/L #	49
50) Dibromochloromethane	11.13	129	1899	0.303 ug/L #	36
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	6211	1.149 ug/L #	50
62) Bromoform	12.35	173	1171	0.326 ug/L #	83
66) 1,2-Dibromo-3-chloropropan	14.32	75	3224	3.523 ug/L #	1

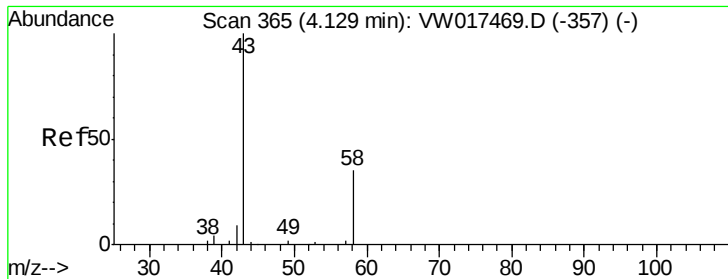
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.117 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017482.D

Acq: 24 Nov 2020 19:05

Instrument :

MSVOA_W

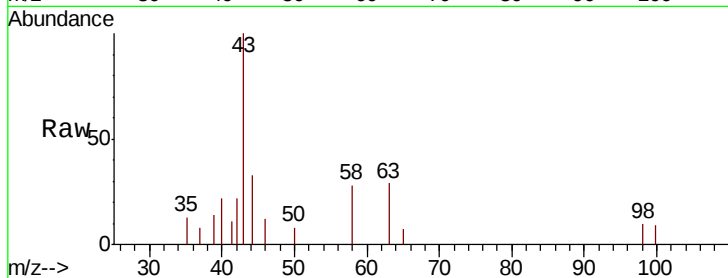
ClientSampleId :

Tot Ion: 43 Resp: 2974

Ion Ratio Lower Upper

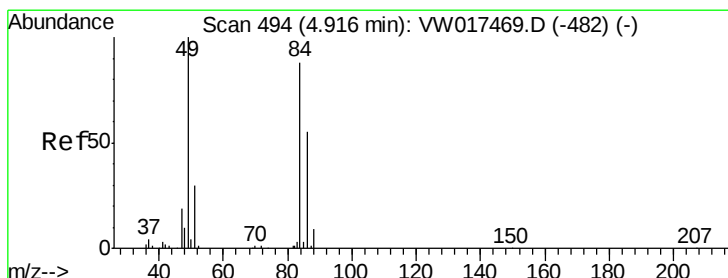
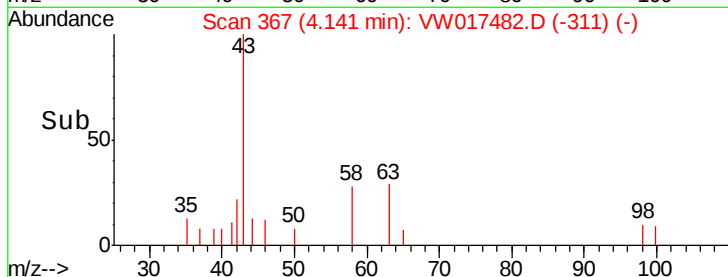
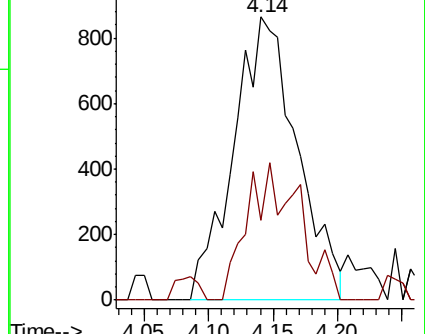
43 100

58 22.1 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.844 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017482.D

Acq: 24 Nov 2020 19:05

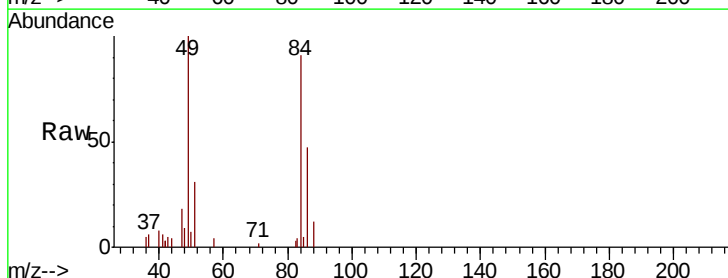
Tgt Ion: 84 Resp: 14574

Ion Ratio Lower Upper

84 100

49 110.5 81.2 150.8

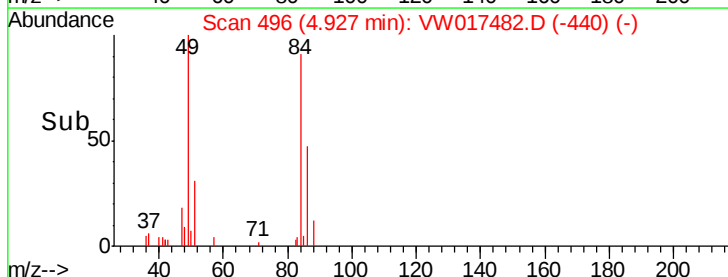
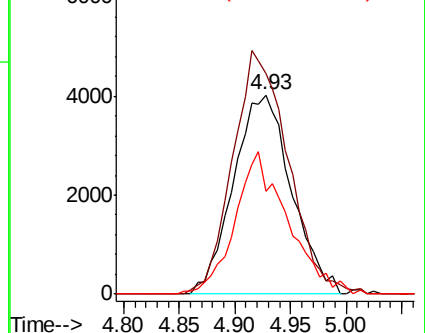
86 51.7 44.5 82.7

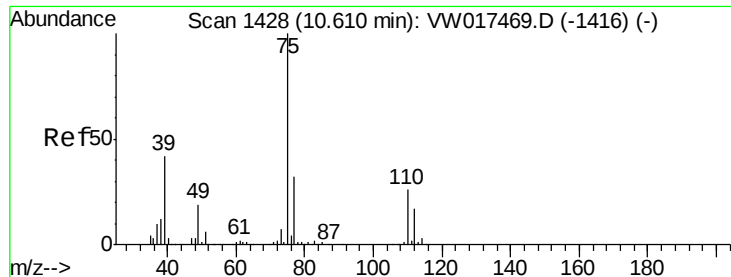


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 10.58 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017482.D

Acq: 24 Nov 2020 19:05

Instrument :

MSVOA_W

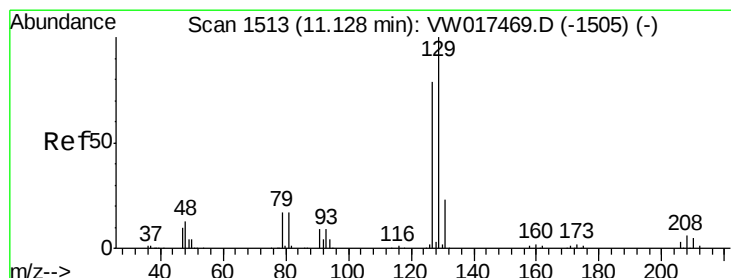
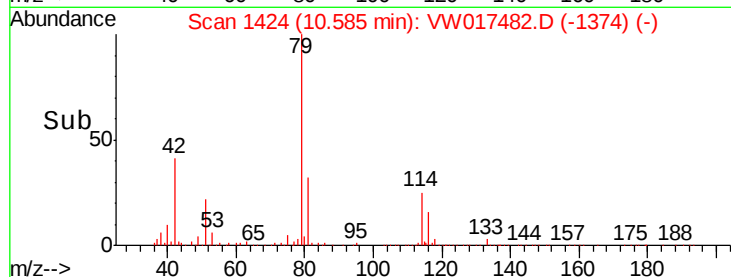
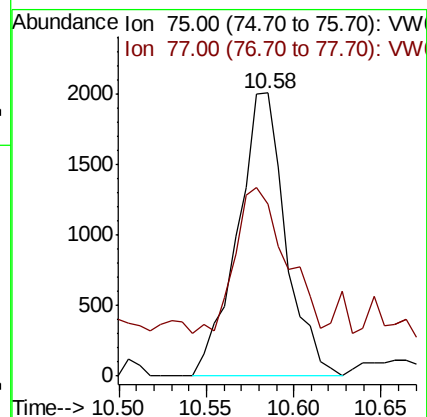
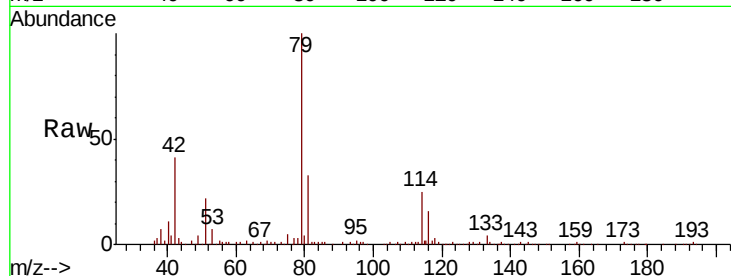
ClientSampleId :

Tot Ion: 75 Resp: 3852

Ion Ratio Lower Upper

75 100

77 61.0 22.6 42.0#



#50

Dibromochloromethane

Concen: 0.303 ug/L

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW017482.D

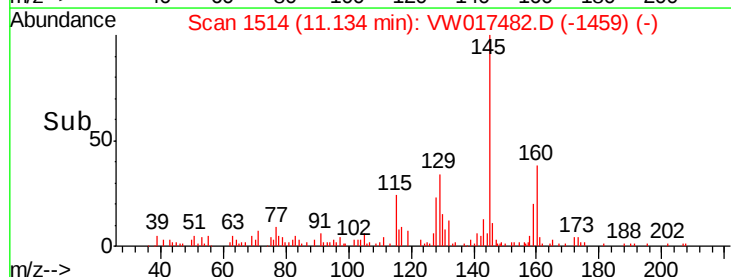
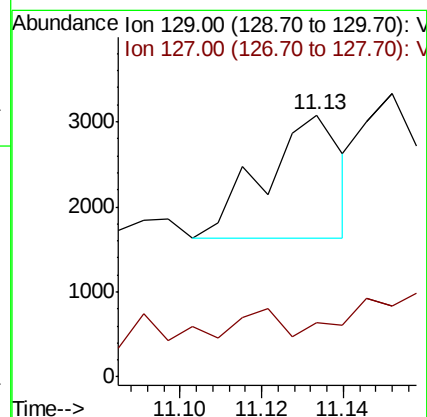
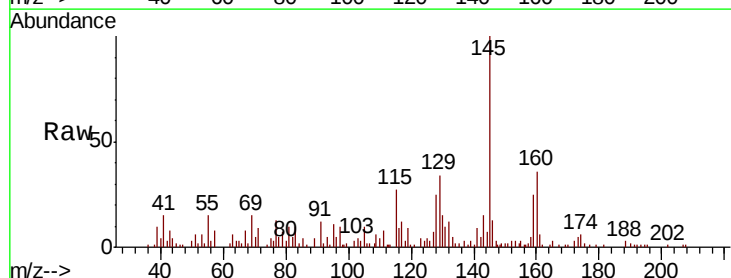
Acq: 24 Nov 2020 19:05

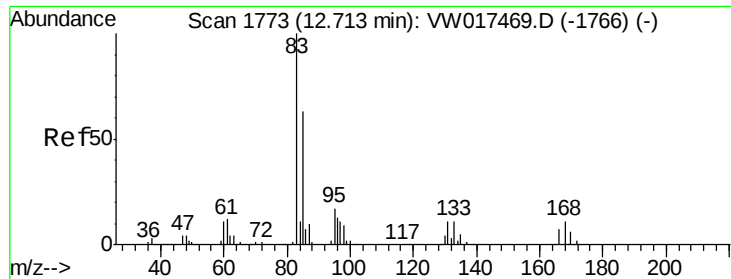
Tgt Ion: 129 Resp: 1899

Ion Ratio Lower Upper

129 100

127 20.9 53.2 98.8#





#58

1,1,2,2-Tetrachloroethane

Concen: 1.149 ug/L

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW017482.D

Acq: 24 Nov 2020 19:05

Instrument :

MSVOA_W

ClientSampled :

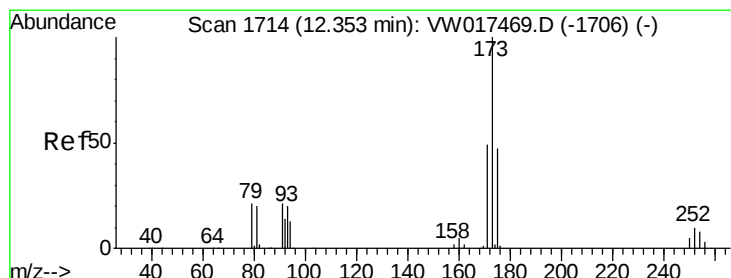
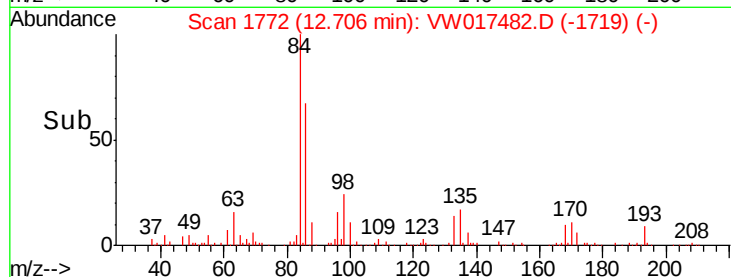
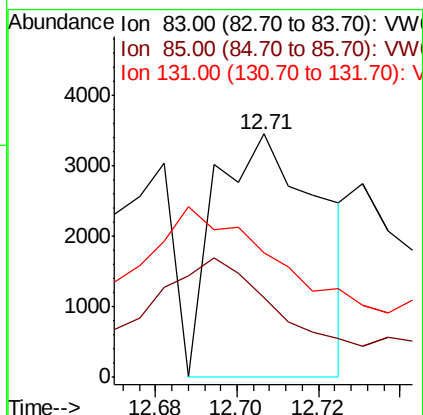
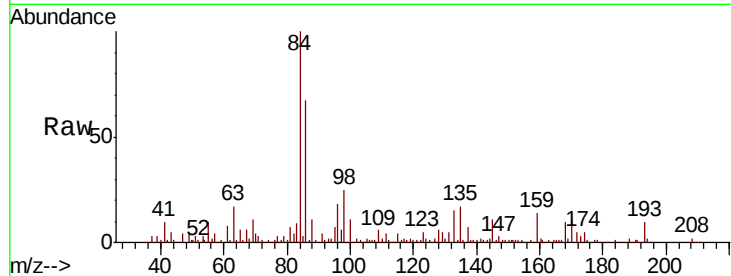
Tot Ion: 83 Resp: 6211

Ion Ratio Lower Upper

83 100

85 32.7 45.3 84.1#

131 51.2 8.3 12.5#



#62

Bromoform

Concen: 0.326 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW017482.D

Acq: 24 Nov 2020 19:05

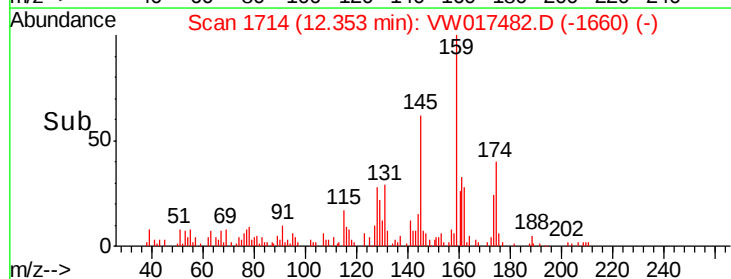
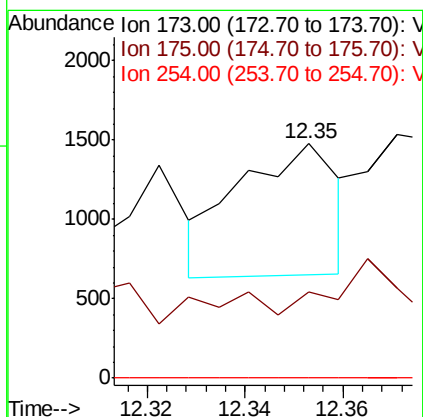
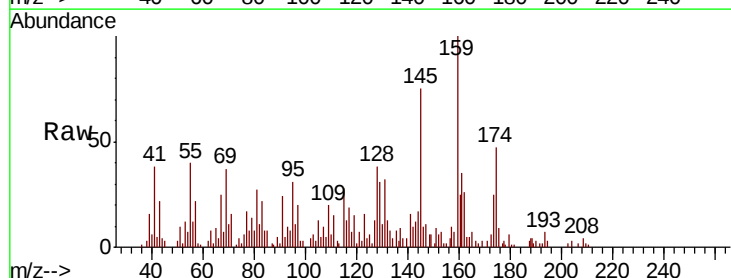
Tgt Ion: 173 Resp: 1171

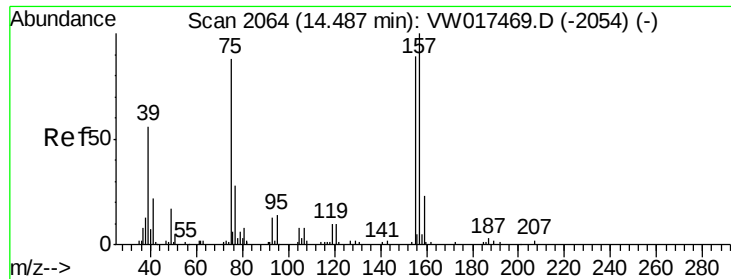
Ion Ratio Lower Upper

173 100

175 38.5 39.1 58.7#

254 0.0 7.1 10.7#





#66

1,2-Dibromo-3-chloropropane

Concen: 3.523 ug/L

RT: 14.32 min Scan# 2037

Delta R.T. -0.17 min

Lab File: VW017482.D

Acq: 24 Nov 2020 19:05

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3224

Ion Ratio Lower Upper

75 100

157 242.9 99.9 149.9#

155 280.2 71.4 107.0#

