

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017266.D
 Acq On : 16 Nov 2020 18:51
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK11

Quant Time: Nov 17 06:12:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	420838	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	387982	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190787	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98109	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.04%
7) Chloroethane-d5	2.89	69	88405	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
10) 1,1-Dichloroethene-d2	4.02	63	150082	15.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.32%
20) 2-Butanone-d5	7.08	46	62137	52.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.84%
24) Chloroform-d	7.65	84	248984	25.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.36%
26) 1,2-Dichloroethane-d4	8.31	65	130743	26.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.08%
29) Benzene-d6	8.27	84	472036	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.27	67	134930	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.76%
37) Toluene-d8	10.32	98	451622	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.96%
38) trans-1,3-Dichloropropene-	10.58	79	58188	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	10.93	63	52178	54.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122165	25.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	187384	27.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.52%

Target Compounds

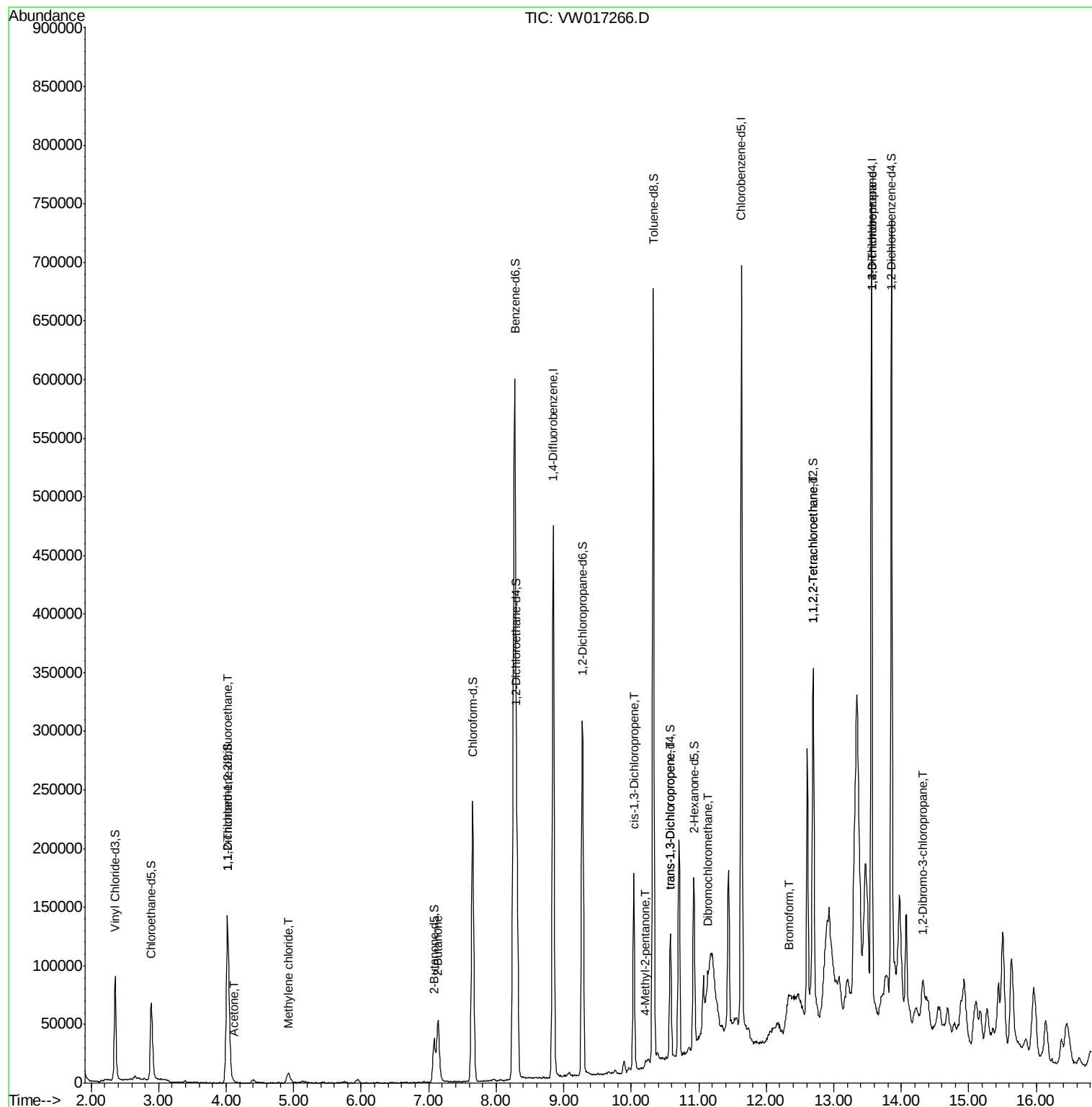
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1699	0.313	ug/L #	20
13) Acetone	4.12	43	816	1.028	ug/L	83
16) Methylene chloride	4.92	84	4639	0.818	ug/L	86
21) 2-Butanone	7.13	43	3002	2.356	ug/L #	55
42) cis-1,3-Dichloropropene	10.04	75	5215	0.691	ug/L #	67
43) 4-Methyl-2-pentanone	10.21	43	3567	1.214	ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	3382	0.522	ug/L #	58
50) Dibromochloromethane	11.13	129	3370	0.674	ug/L #	42
58) 1,1,2,2-Tetrachloroethane	12.70	83	2154	0.454	ug/L #	48
59) 1,2,3-Trichloropropane	13.56	75	20293	5.952	ug/L	90
62) Bromoform	12.34	173	1279	0.437	ug/L #	63
66) 1,2-Dibromo-3-chloropropan	14.33	75	2351	3.322	ug/L #	1

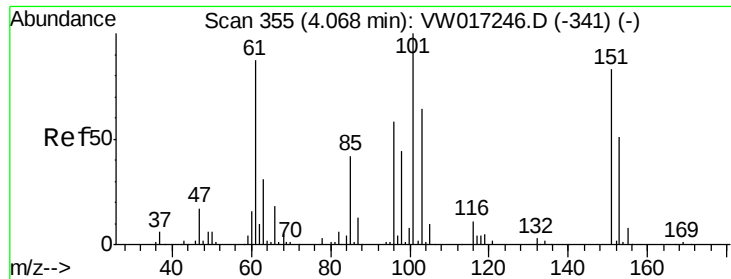
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017266.D
Acq On : 16 Nov 2020 18:51
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK11

Quant Time: Nov 17 06:12:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 17 06:08:23 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.313 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017266.D

Acq: 16 Nov 2020 18:51

Instrument :

MSVOA_W

ClientSampled :

VIBLK11

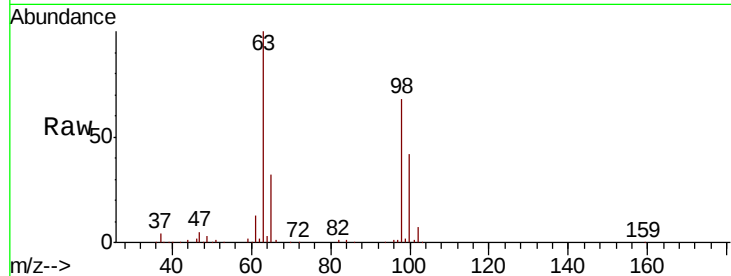
Tot Ion:101 Resp: 1699

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

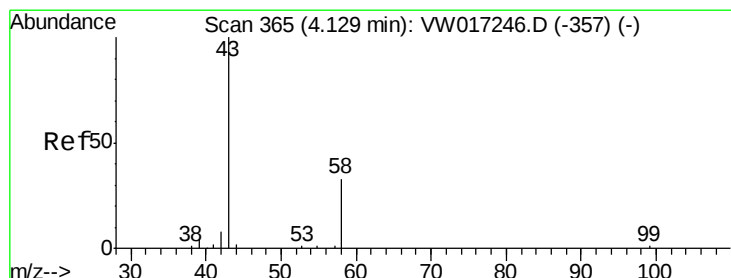
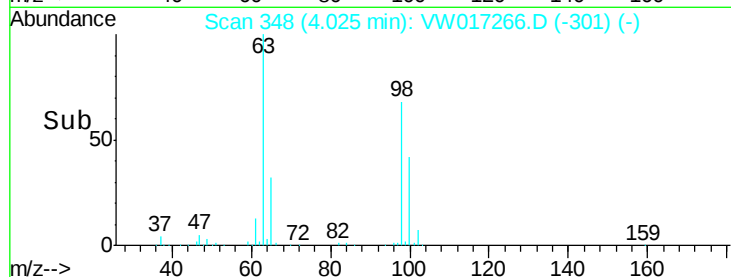
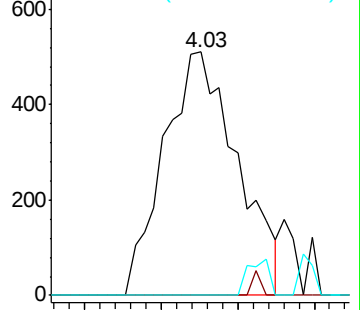
151 4.2 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.028 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017266.D

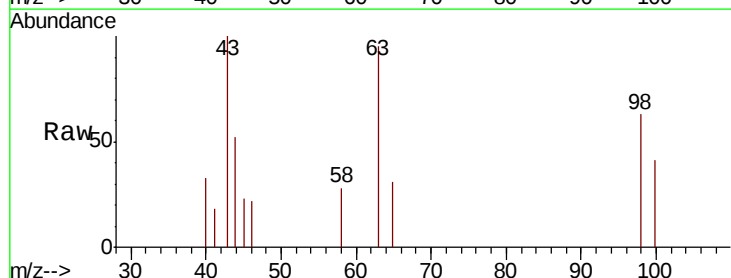
Acq: 16 Nov 2020 18:51

Tgt Ion: 43 Resp: 816

Ion Ratio Lower Upper

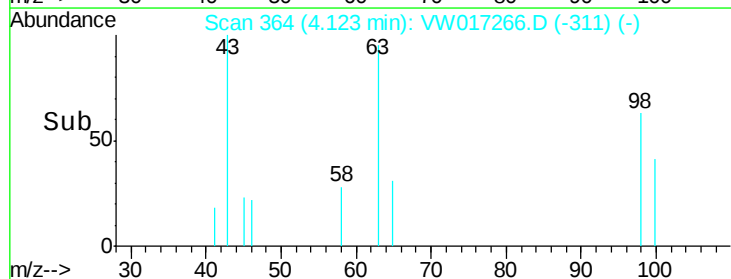
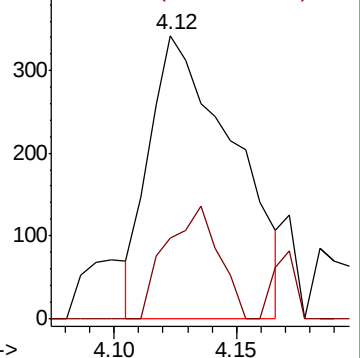
43 100

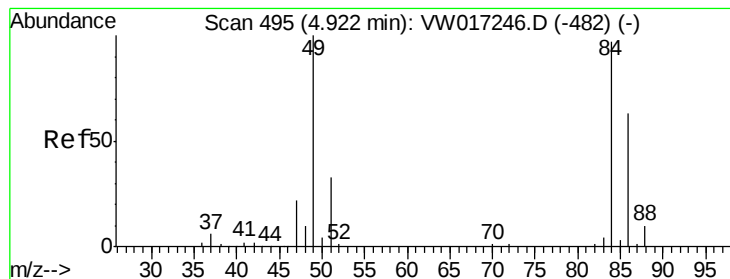
58 24.8 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#16

Methylene chloride

Concen: 0.818 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017266.D

Acq: 16 Nov 2020 18:51

Instrument :

MSVOA_W

ClientSampled :

VIBLK11

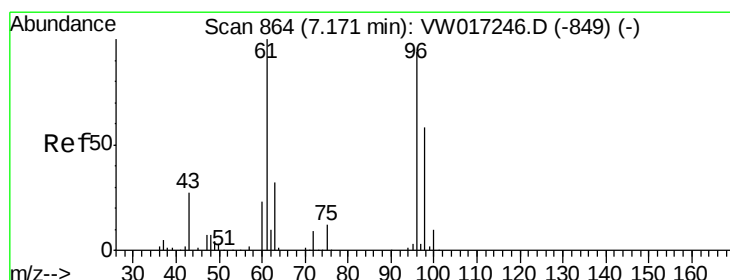
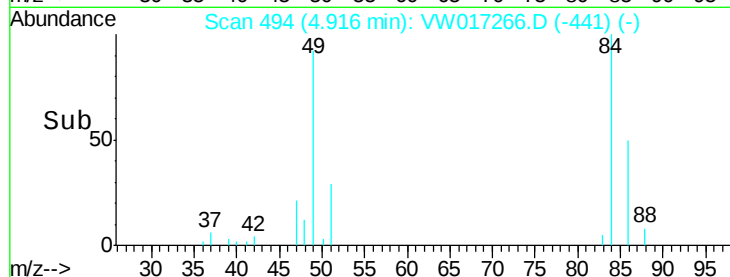
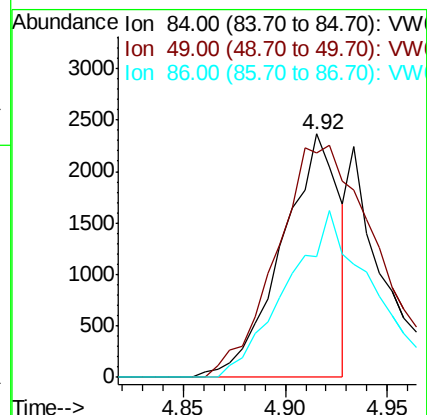
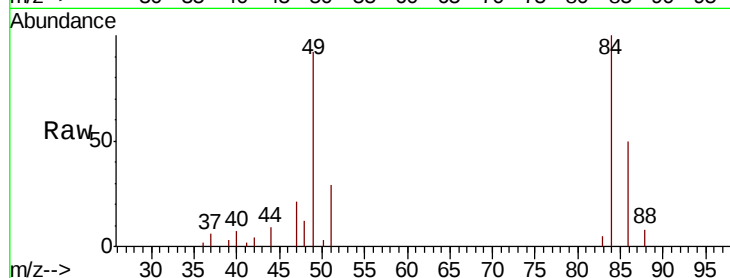
Tot Ion: 84 Resp: 4639

Ion Ratio Lower Upper

84 100

49 92.3 72.3 134.3

86 49.6 45.1 83.7



#21

2-Butanone

Concen: 2.356 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW017266.D

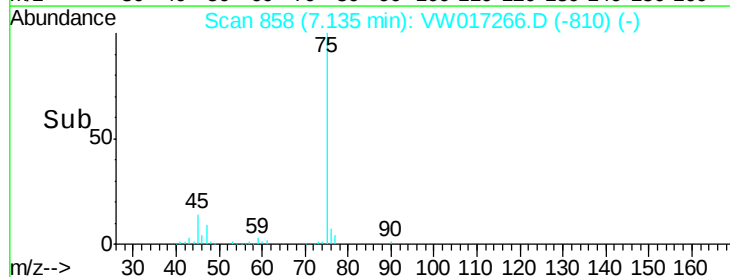
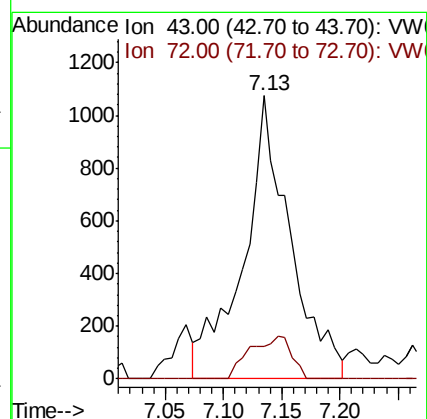
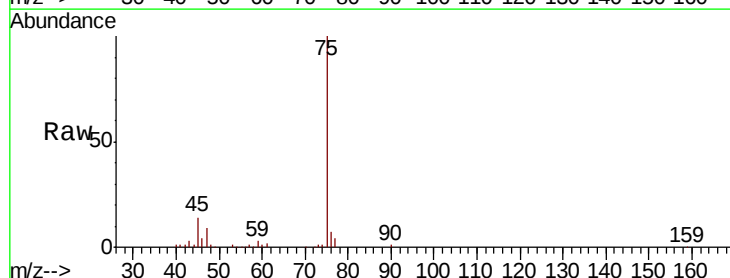
Acq: 16 Nov 2020 18:51

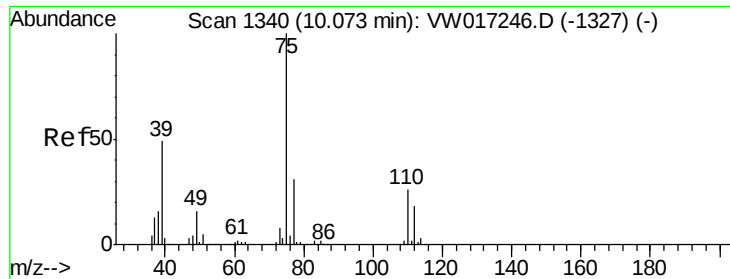
Tgt Ion: 43 Resp: 3002

Ion Ratio Lower Upper

43 100

72 7.1 16.1 48.3#





#42

cis-1,3-Dichloropropene

Concen: 0.691 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017266.D

Acq: 16 Nov 2020 18:51

Instrument :

MSVOA_W

ClientSampled :

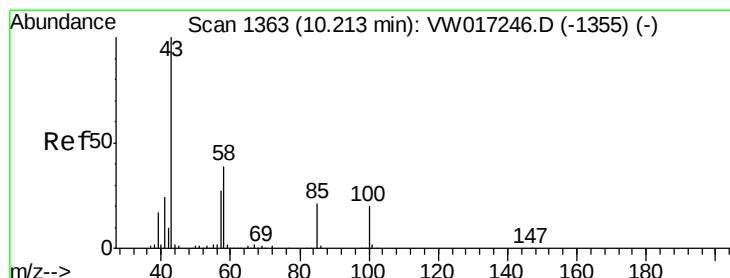
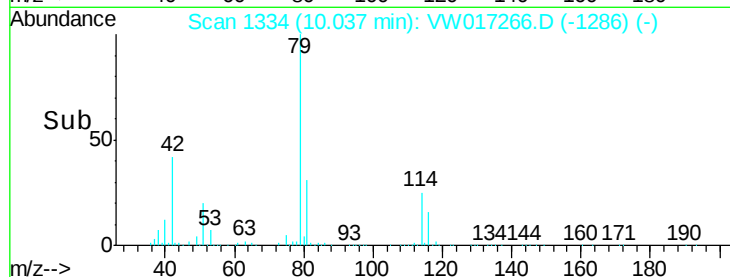
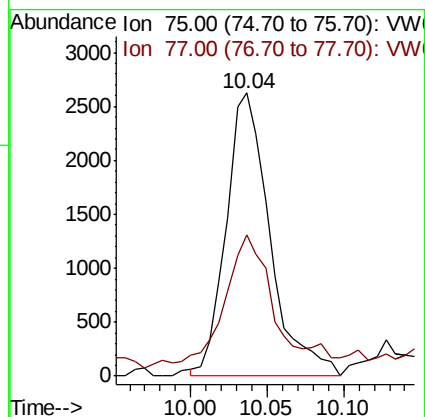
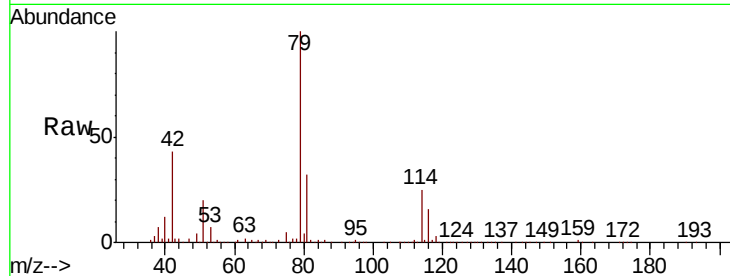
VIBLK11

Tot Ion: 75 Resp: 5215

Ion Ratio Lower Upper

75 100

77 49.9 22.0 41.0#



#43

4-Methyl-2-pentanone

Concen: 1.214 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017266.D

Acq: 16 Nov 2020 18:51

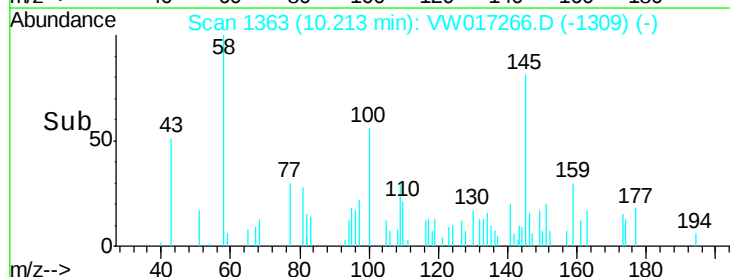
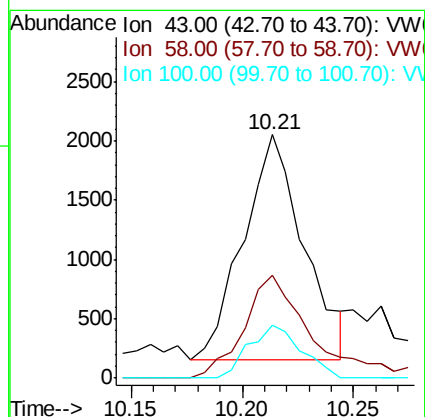
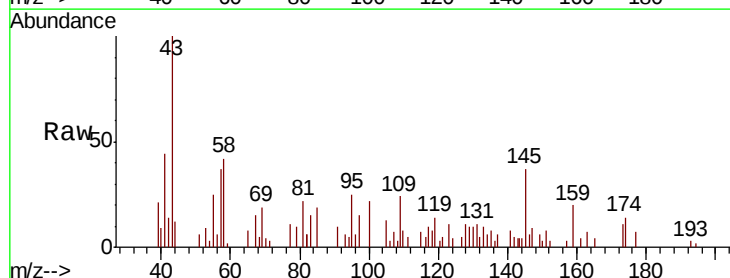
Tgt Ion: 43 Resp: 3567

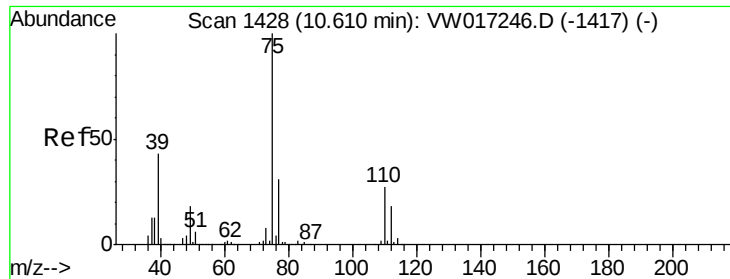
Ion Ratio Lower Upper

43 100

58 49.7 35.0 52.6

100 20.4 16.6 24.8





#45

trans-1,3-Dichloropropene

Concen: 0.522 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017266.D

Acq: 16 Nov 2020 18:51

Instrument :

MSVOA_W

ClientSampleId :

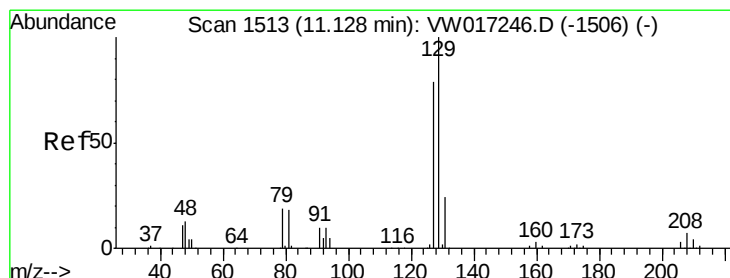
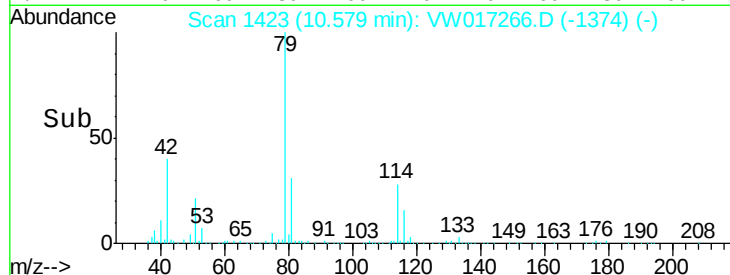
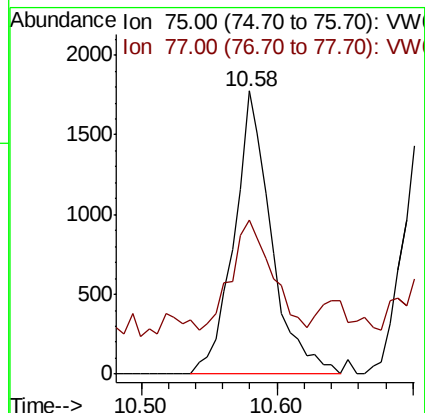
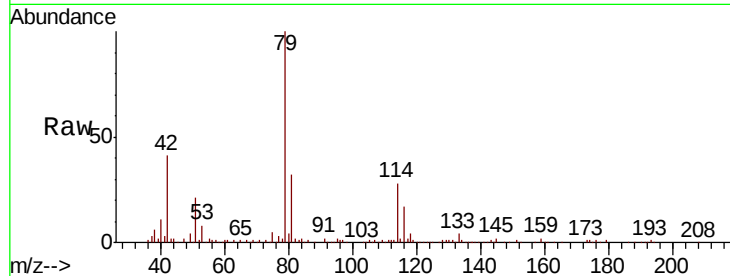
VIBLK11

Tot Ion: 75 Resp: 3382

Ion Ratio Lower Upper

75 100

77 54.7 22.1 41.1#



#50

Dibromochloromethane

Concen: 0.674 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW017266.D

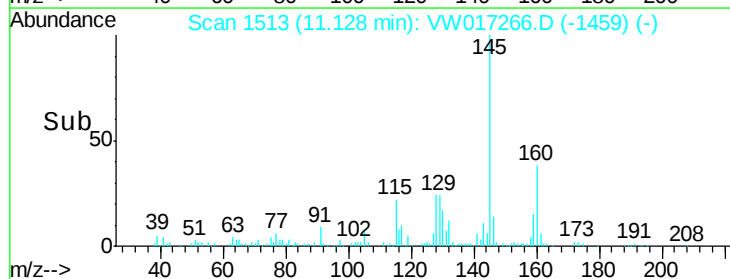
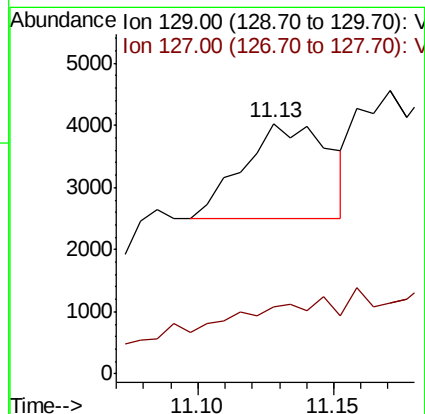
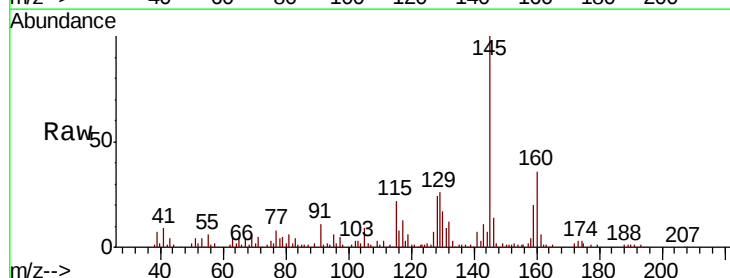
Acq: 16 Nov 2020 18:51

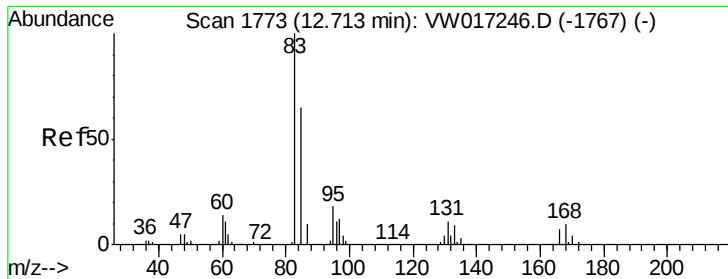
Tgt Ion: 129 Resp: 3370

Ion Ratio Lower Upper

129 100

127 26.9 54.3 100.9#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.454 ug/L

RT: 12.70 min Scan# 1771

Delta R.T. -0.01 min

Lab File: VW017266.D

Acq: 16 Nov 2020 18:51

Instrument :

MSVOA_W

ClientSampled :

VIBLK11

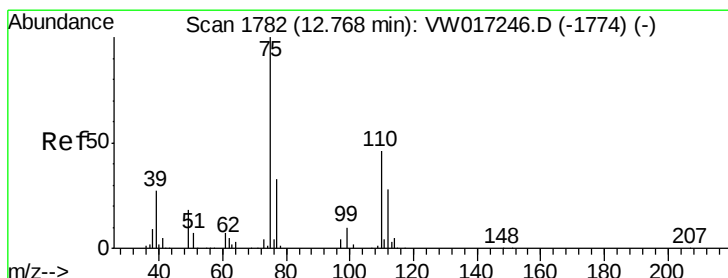
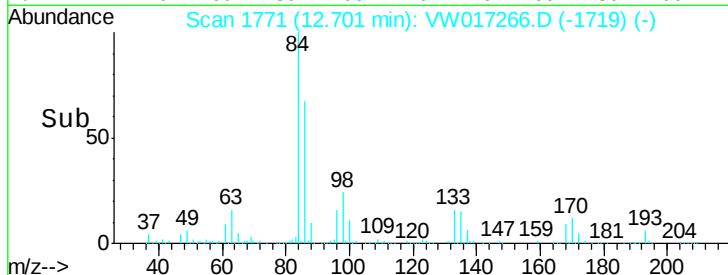
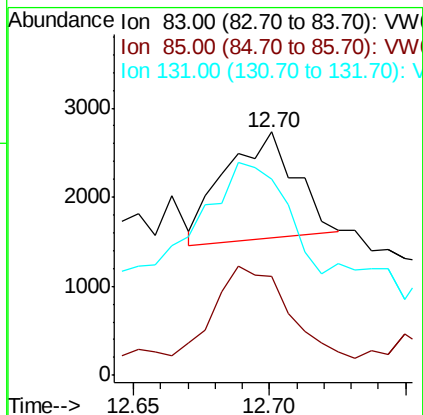
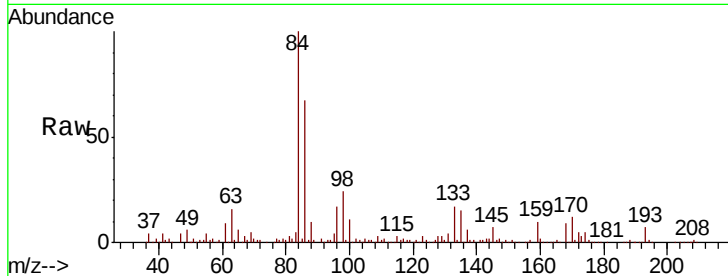
Tot Ion: 83 Resp: 2154

Ion Ratio Lower Upper

83 100

85 40.8 44.9 83.5#

131 80.8 8.8 13.2#



#59

1,2,3-Trichloropropane

Concen: 5.952 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017266.D

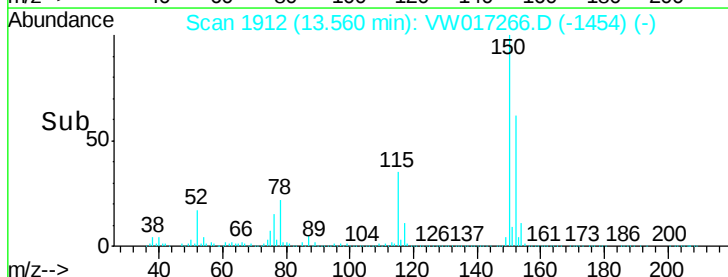
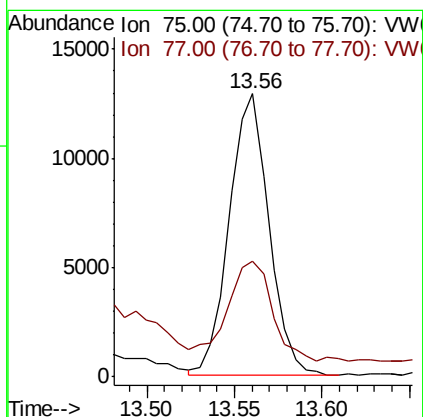
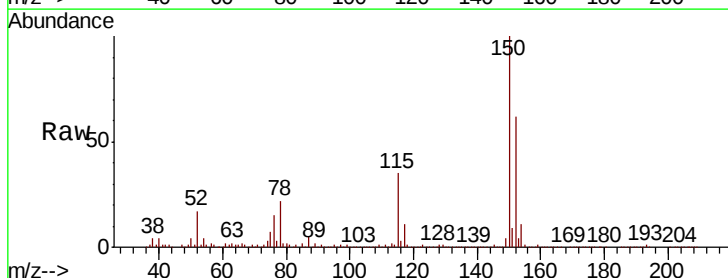
Acq: 16 Nov 2020 18:51

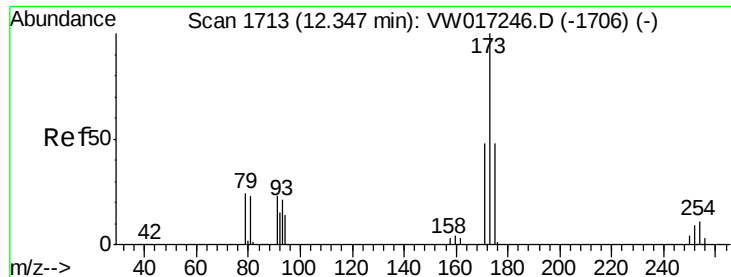
Tgt Ion: 75 Resp: 20293

Ion Ratio Lower Upper

75 100

77 38.8 26.4 39.6





#62

Bromoform

Concen: 0.437 ug/L

RT: 12.34 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VW017266.D

Acq: 16 Nov 2020 18:51

Instrument :

MSVOA_W

ClientSampleId :

VIBLK11

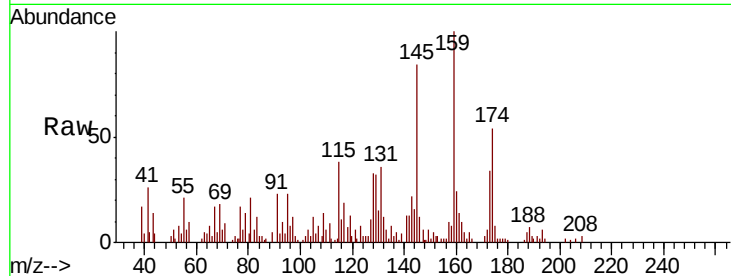
Tot Ion:173 Resp: 1279

Ion Ratio Lower Upper

173 100

175 21.8 38.3 57.5#

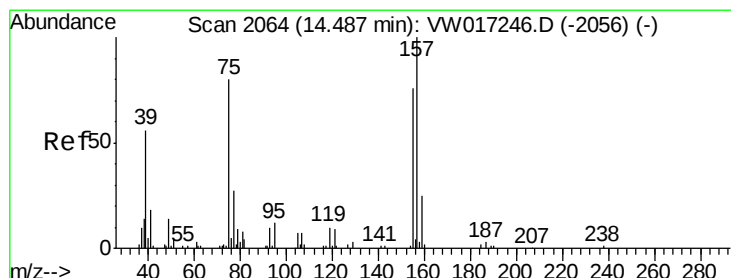
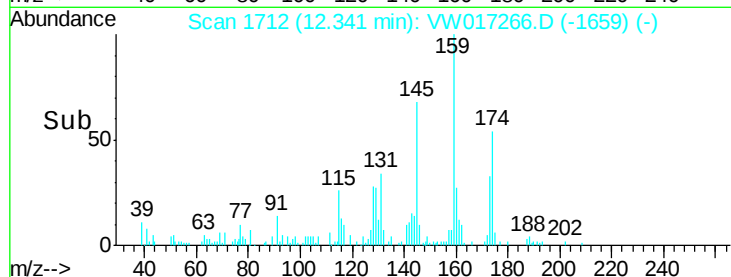
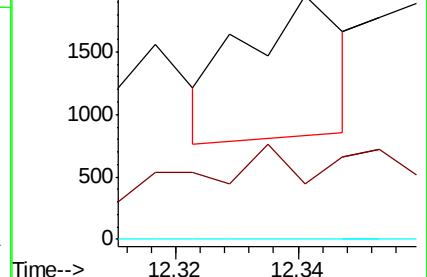
254 0.0 8.1 12.1#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 3.322 ug/L

RT: 14.33 min Scan# 2038

Delta R.T. -0.16 min

Lab File: VW017266.D

Acq: 16 Nov 2020 18:51

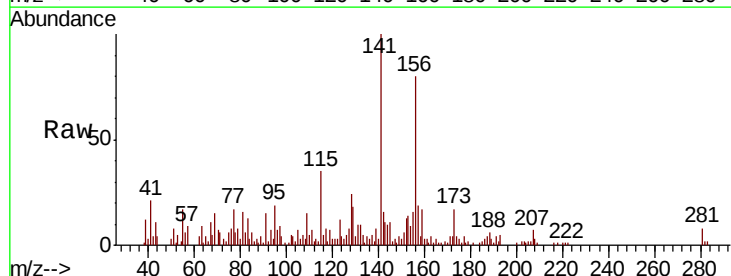
Tgt Ion: 75 Resp: 2351

Ion Ratio Lower Upper

75 100

157 297.1 108.2 162.4#

155 241.5 79.1 118.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

