

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017235.D
 Acq On : 15 Nov 2020 14:05
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK16

Quant Time: Nov 16 09:56:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 09:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	453398	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	423013	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203111	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111686	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.24%
7) Chloroethane-d5	2.89	69	97953	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
10) 1,1-Dichloroethene-d2	4.02	63	162780	15.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.76%
20) 2-Butanone-d5	7.08	46	54451	42.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.28%
24) Chloroform-d	7.65	84	260696	24.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	8.31	65	133078	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.16%
29) Benzene-d6	8.28	84	500347	23.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.92%
33) 1,2-Dichloropropane-d6	9.28	67	140561	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.36%
37) Toluene-d8	10.33	98	472120	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.96%
38) trans-1,3-Dichloropropene-	10.58	79	59014	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.88%
39) 2-Hexanone-d5	10.93	63	47103	45.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118293	22.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	186084	26.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.00%

Target Compounds

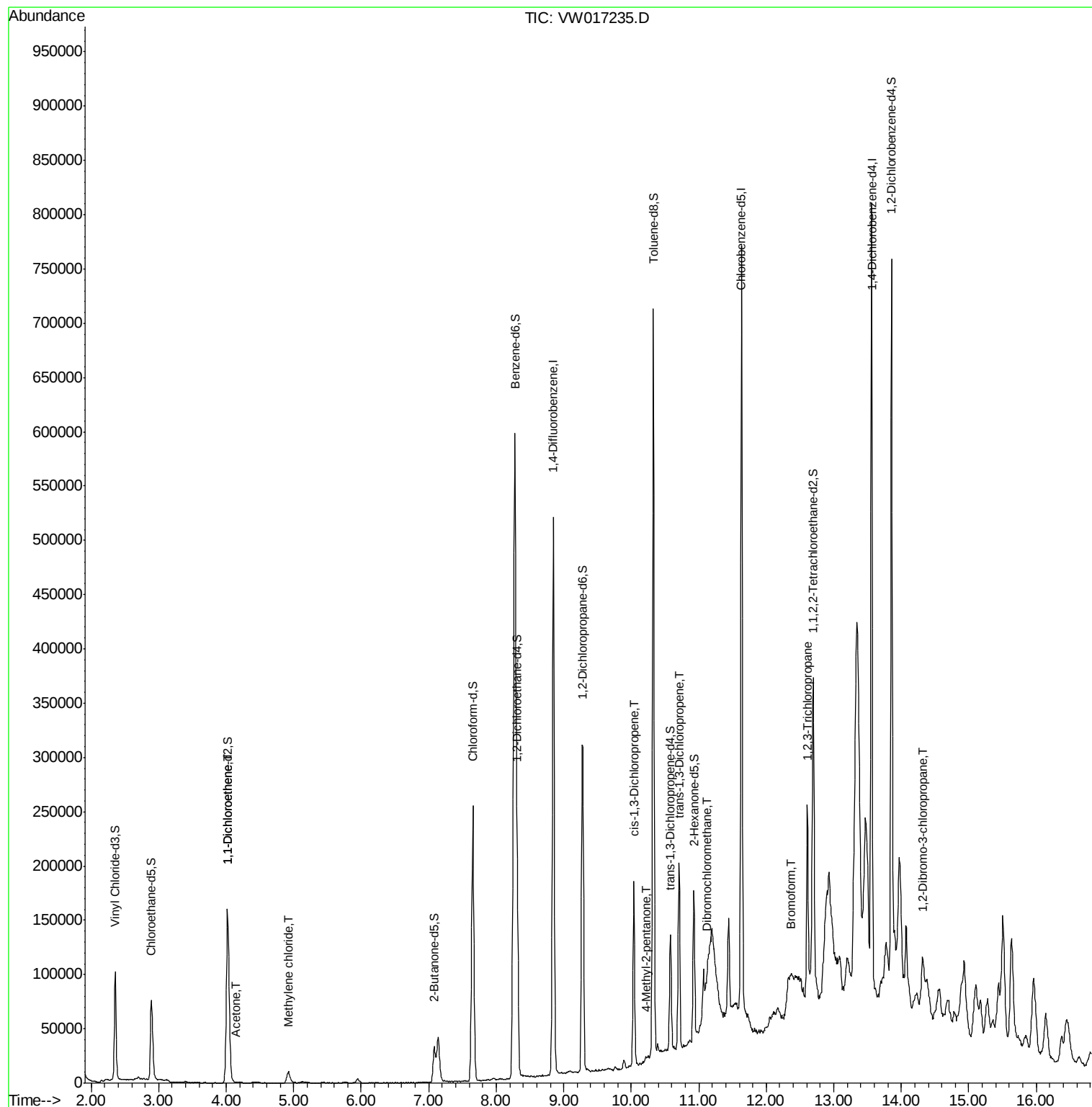
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1594	0.283 ug/L #	1
13) Acetone	4.15	43	528	0.617 ug/L	54
16) Methylene chloride	4.93	84	8663	1.417 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	5158	0.627 ug/L #	40
43) 4-Methyl-2-pentanone	10.21	43	2963	0.925 ug/L #	81
45) trans-1,3-Dichloropropene	10.71	75	2181	0.309 ug/L	91
50) Dibromochloromethane	11.12	129	1664	0.305 ug/L #	44
59) 1,2,3-Trichloropropane	12.60	75	1772	0.477 ug/L	96
62) Bromoform	12.36	173	1295	0.415 ug/L #	37
66) 1,2-Dibromo-3-chloropropan	14.31	75	1667	2.213 ug/L #	1

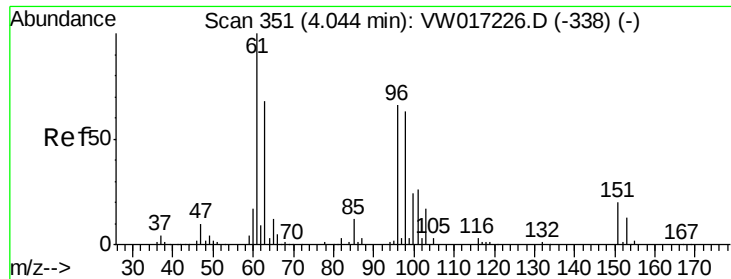
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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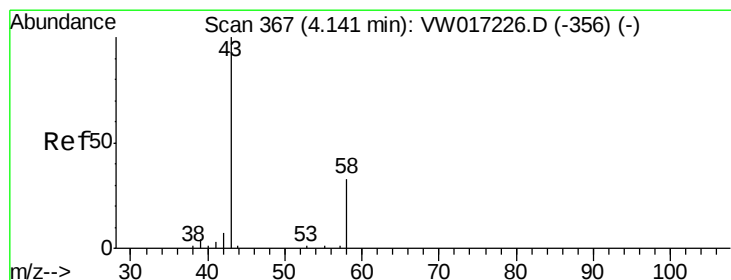
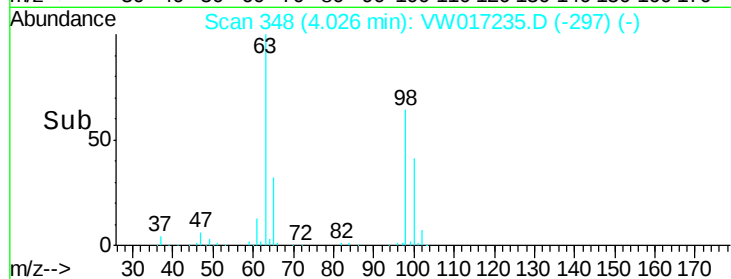
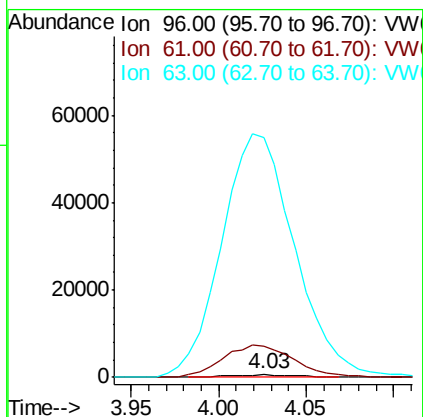
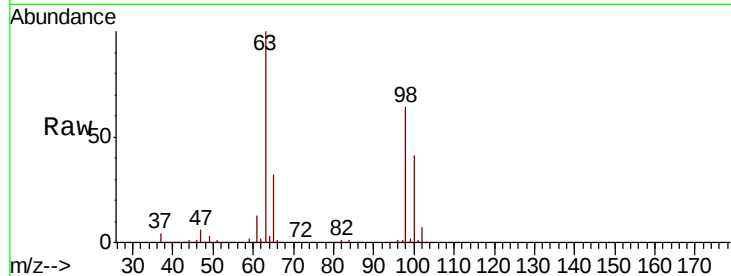




#12
 1,1-Dichloroethene
 Concen: 0.283 ug/L
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW017235.D
 Acq: 15 Nov 2020 14:05

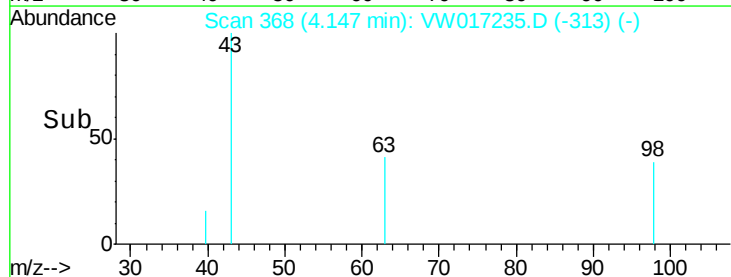
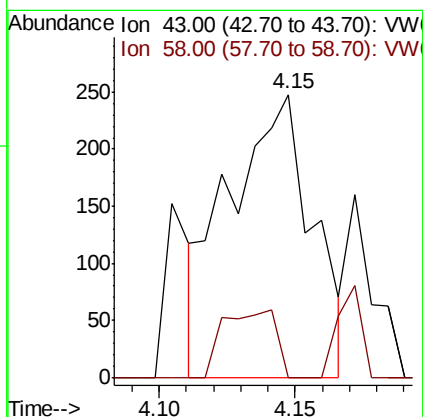
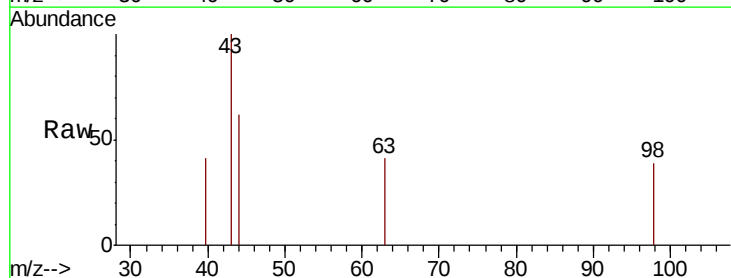
Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK16

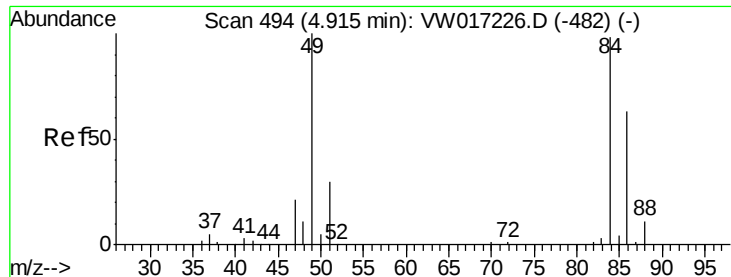
Tot Ion: 96 Resp: 1594
 Ion Ratio Lower Upper
 96 100
 61 1056.2 103.8 192.8#
 63 7991.9 84.4 156.7#



#13
 Acetone
 Concen: 0.617 ug/L
 RT: 4.15 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VW017235.D
 Acq: 15 Nov 2020 14:05

Tgt Ion: 43 Resp: 528
 Ion Ratio Lower Upper
 43 100
 58 8.0 0.0 69.2

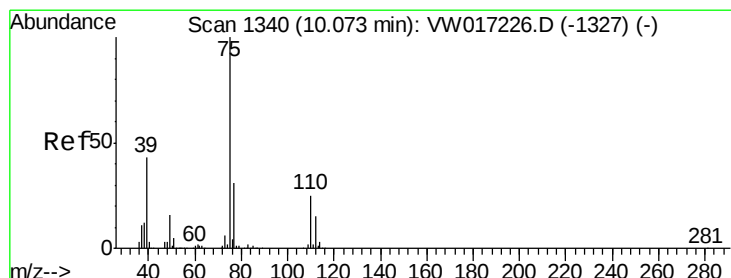
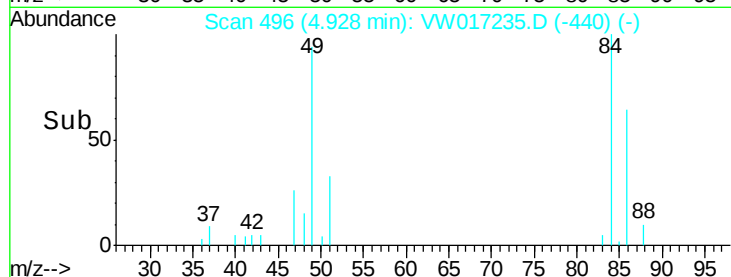
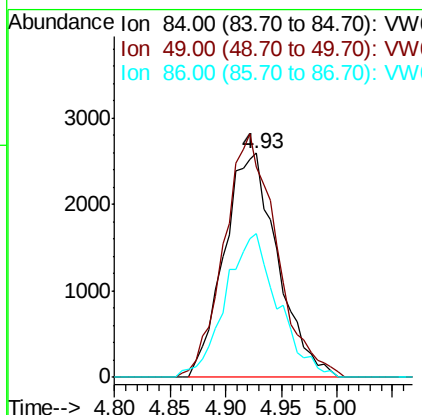
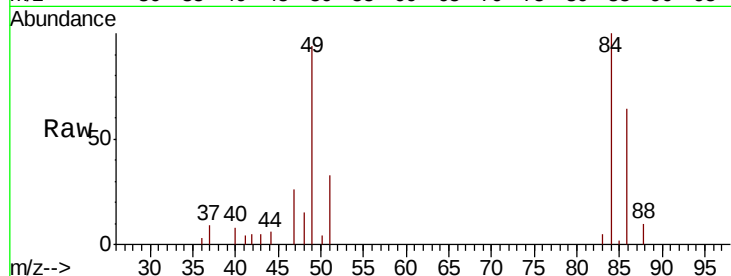




#16
Methylene chloride
Concen: 1.417 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017235.D
Acq: 15 Nov 2020 14:05

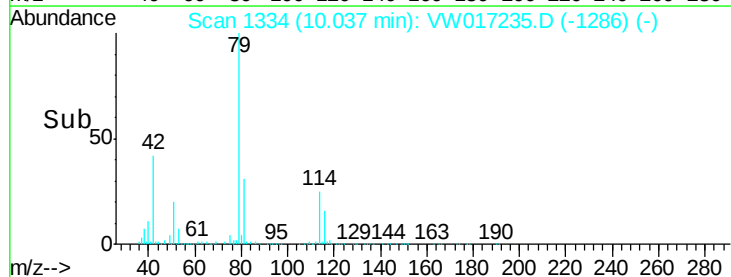
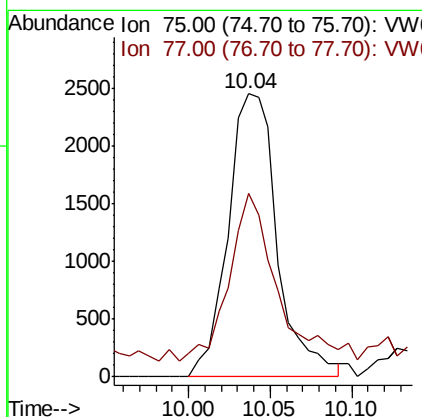
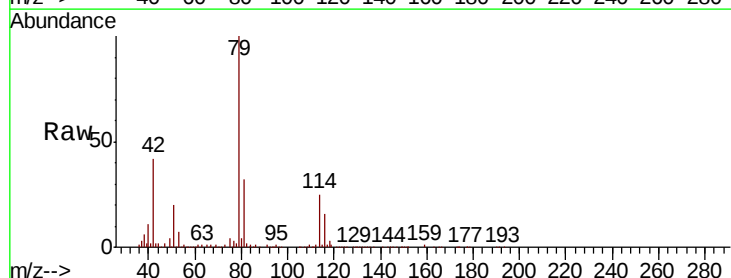
Instrument :
MSVOA_W
ClientSampleId :
VIBLK16

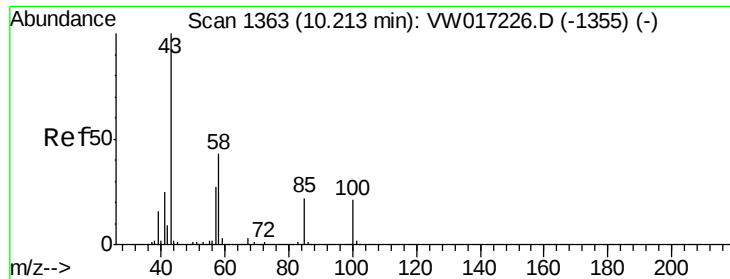
Tot Ion: 84 Resp: 8663
Ion Ratio Lower Upper
84 100
49 93.7 72.3 134.3
86 64.1 45.1 83.7



#42
cis-1,3-Dichloropropene
Concen: 0.627 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017235.D
Acq: 15 Nov 2020 14:05

Tgt Ion: 75 Resp: 5158
Ion Ratio Lower Upper
75 100
77 65.0 22.0 41.0#





#43

4-Methyl-2-pentanone

Concen: 0.925 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017235.D

Acq: 15 Nov 2020 14:05

Instrument :

MSVOA_W

ClientSampleId :

VIBLK16

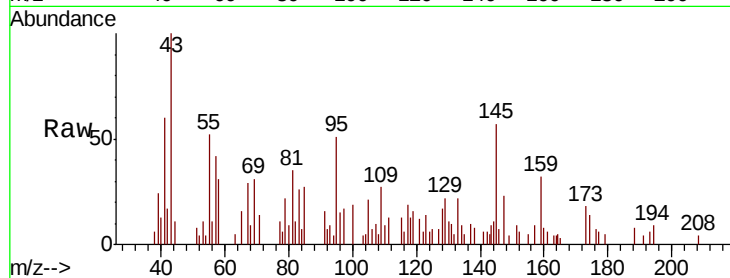
Tot Ion: 43 Resp: 2963

Ion Ratio Lower Upper

43 100

58 26.0 35.0 52.6#

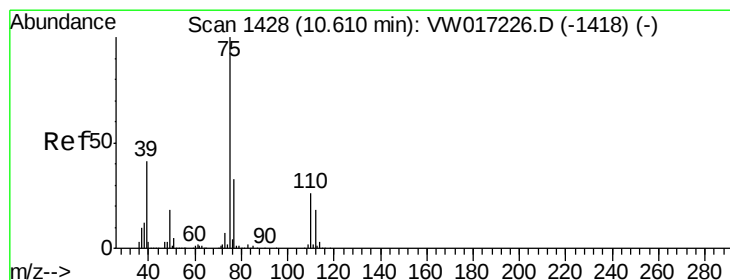
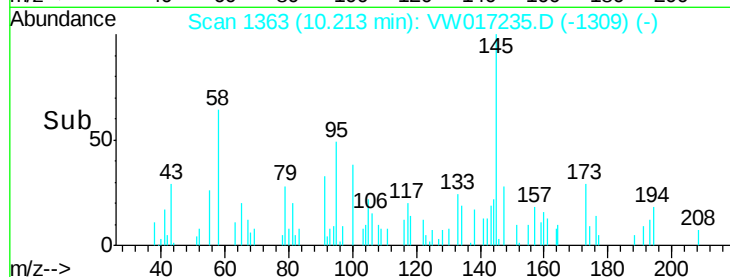
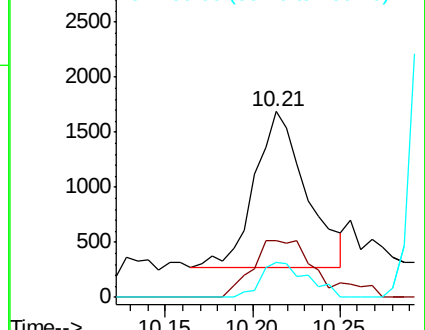
100 19.9 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.309 ug/L

RT: 10.71 min Scan# 1444

Delta R.T. 0.10 min

Lab File: VW017235.D

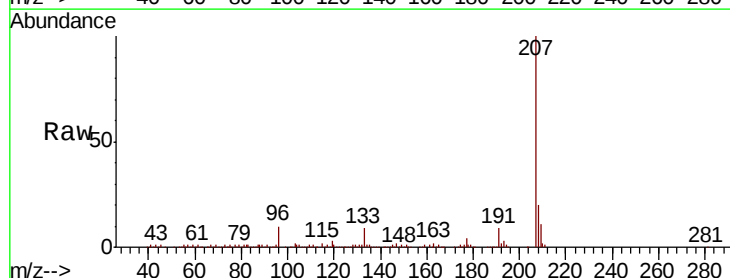
Acq: 15 Nov 2020 14:05

Tgt Ion: 75 Resp: 2181

Ion Ratio Lower Upper

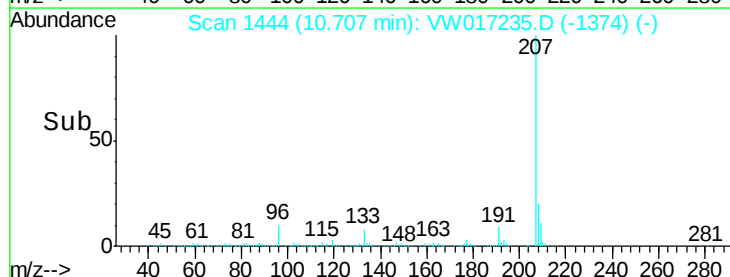
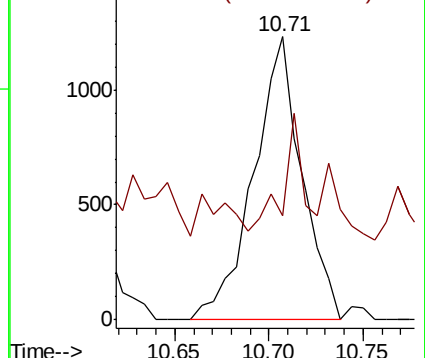
75 100

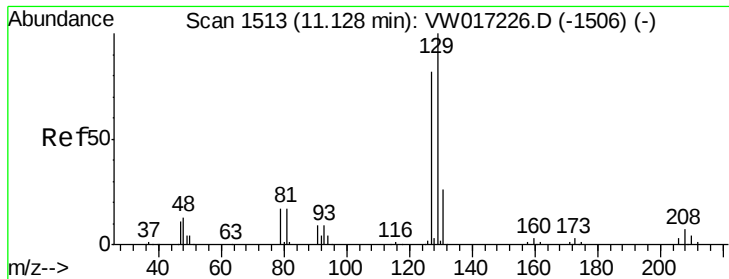
77 36.7 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

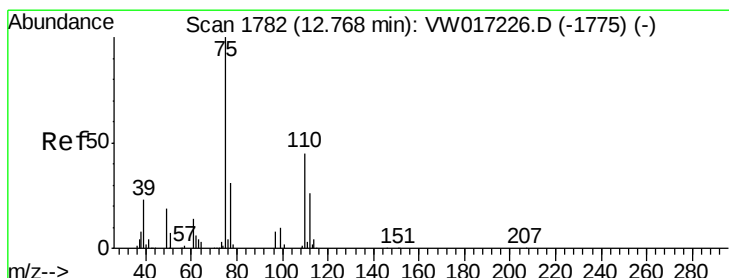
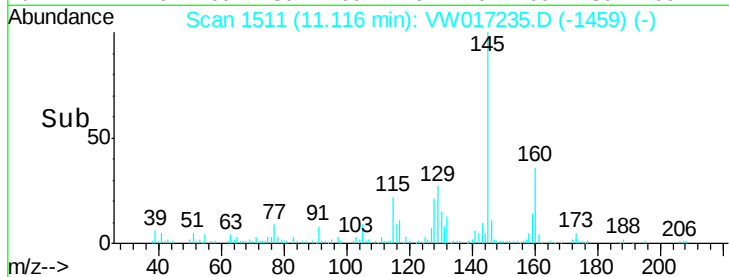
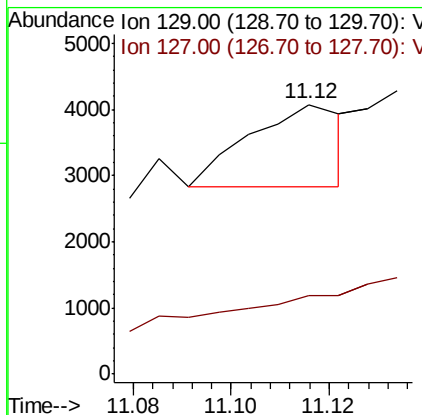
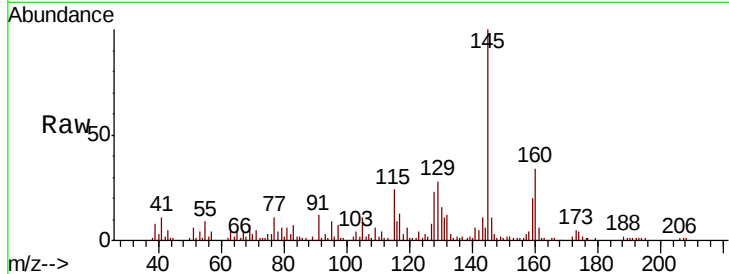




#50
Dibromochloromethane
Concen: 0.305 ug/L
RT: 11.12 min Scan# 1511
Delta R.T. -0.01 min
Lab File: VW017235.D
Acq: 15 Nov 2020 14:05

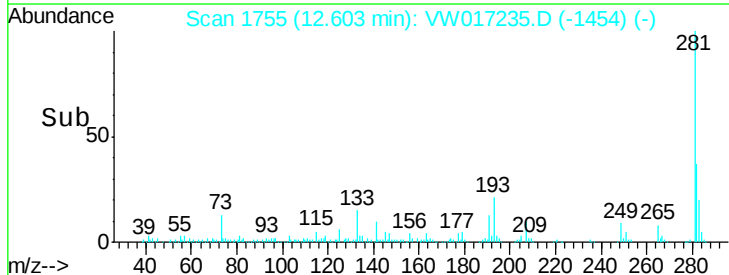
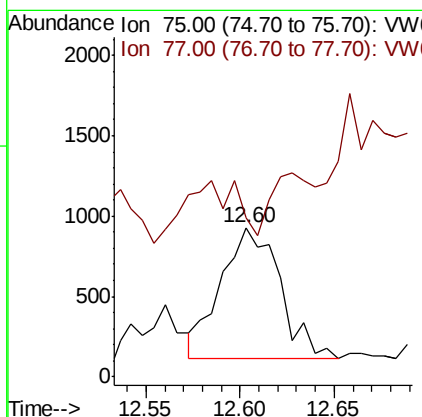
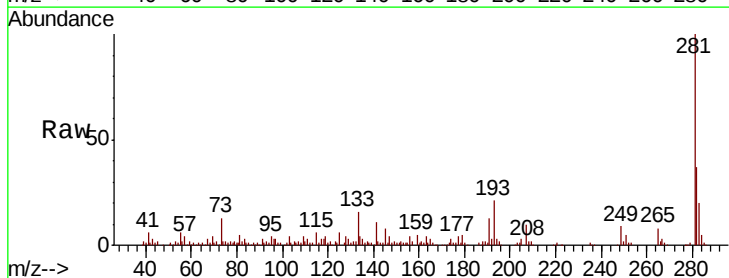
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VIBLK16

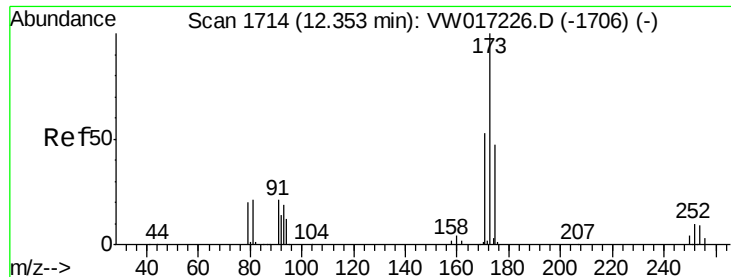
Tot Ion:129 Resp: 1664
Ion Ratio Lower Upper
129 100
127 28.9 54.3 100.9#



#59
1,2,3-Trichloropropane
Concen: 0.477 ug/L
RT: 12.60 min Scan# 1755
Delta R.T. -0.16 min
Lab File: VW017235.D
Acq: 15 Nov 2020 14:05

Tgt Ion: 75 Resp: 1772
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6





#62

Bromoform

Concen: 0.415 ug/L

RT: 12.36 min Scan# 1715

Delta R.T. 0.01 min

Lab File: VW017235.D

Acq: 15 Nov 2020 14:05

Instrument :

MSVOA_W

ClientSampleId :

VIBLK16

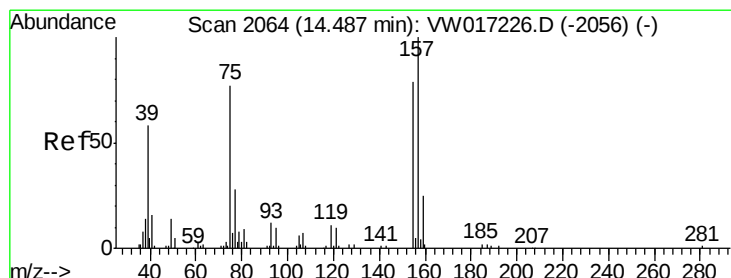
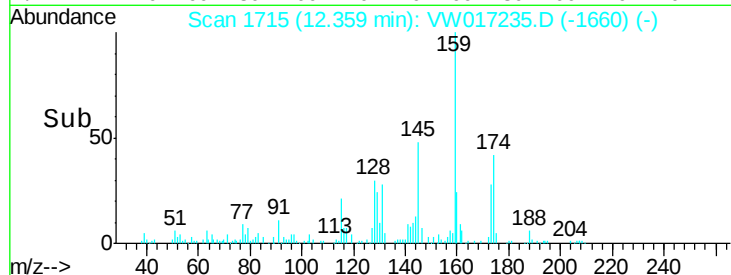
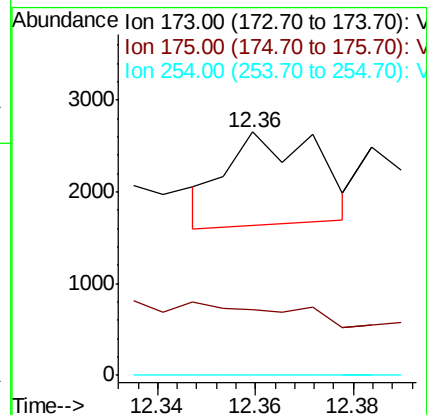
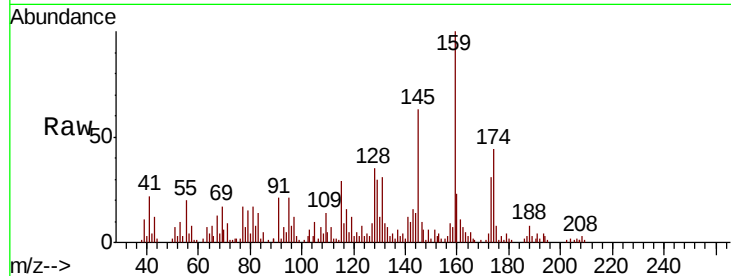
Tot Ion:173 Resp: 1295

Ion Ratio Lower Upper

173 100

175 0.0 38.3 57.5#

254 0.0 8.1 12.1#



#66

1,2-Dibromo-3-chloropropane

Concen: 2.213 ug/L

RT: 14.31 min Scan# 2035

Delta R.T. -0.18 min

Lab File: VW017235.D

Acq: 15 Nov 2020 14:05

Tgt Ion: 75 Resp: 1667

Ion Ratio Lower Upper

75 100

157 396.5 108.2 162.4#

155 340.3 79.1 118.7#

