

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017234.D
 Acq On : 15 Nov 2020 13:42
 Operator : SY/VA
 Sample : L4727-13
 Misc : 4.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC8

Quant Time: Nov 16 09:55:58 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	472811	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	359759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	91457	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119074	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.96%
7) Chloroethane-d5	2.90	69	104503	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
10) 1,1-Dichloroethene-d2	4.02	63	170728	16.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.12%
20) 2-Butanone-d5	7.09	46	48009	36.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.10%
24) Chloroform-d	7.65	84	250545	22.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	8.31	65	121445	22.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.52%
29) Benzene-d6	8.27	84	493187	26.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.68%
33) 1,2-Dichloropropane-d6	9.28	67	136297	26.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.60%
37) Toluene-d8	10.33	98	437002	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.20%
38) trans-1,3-Dichloropropene-	10.58	79	48253	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.48%
39) 2-Hexanone-d5	10.93	63	35959	40.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84882	19.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	72810	22.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.40%

Target Compounds

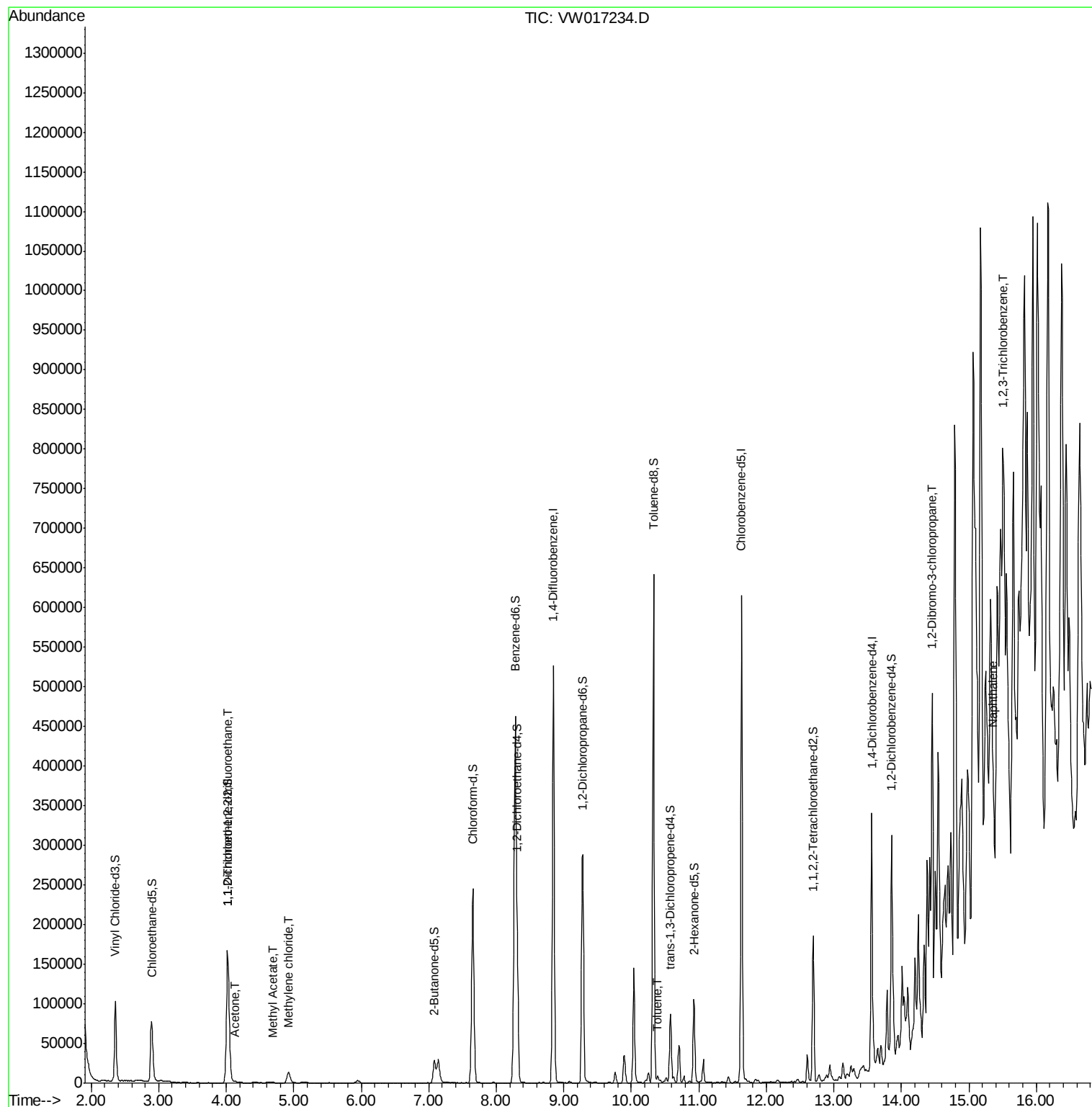
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1850	0.303 ug/L #	17
13) Acetone	4.14	43	2640	2.961 ug/L	71
15) Methyl Acetate	4.69	43	1163	0.526 ug/L #	67
16) Methylene chloride	4.93	84	11980	1.879 ug/L	98
44) Toluene	10.39	91	5690	0.274 ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.46	75	2307	6.801 ug/L #	1
69) Naphthalene	15.36	128	3878	0.630 ug/L #	70
70) 1,2,3-Trichlorobenzene	15.52	180	4371	1.430 ug/L #	1

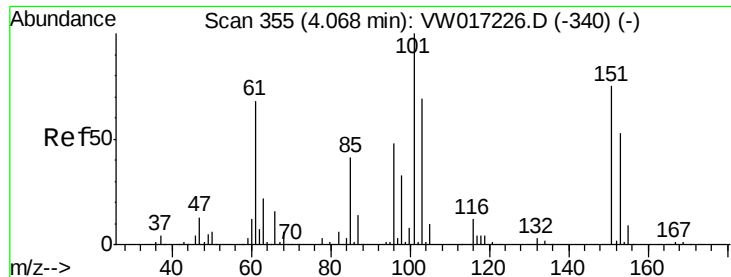
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C0AC8

Quant Time: Nov 16 09:55:58 2020
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Quant Title : VOC Analysis
QLast Update : Mon Nov 16 09:47:42 2020
Response via : Initial Calibration





#11

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

Concen: 0.303 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017234.D

Acq: 15 Nov 2020 13:42

Instrument :

MSVOA_W

ClientSampled :

C0AC8

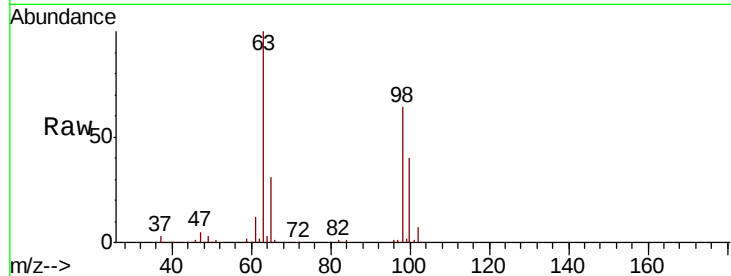
Tot Ion:101 Resp: 1850

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

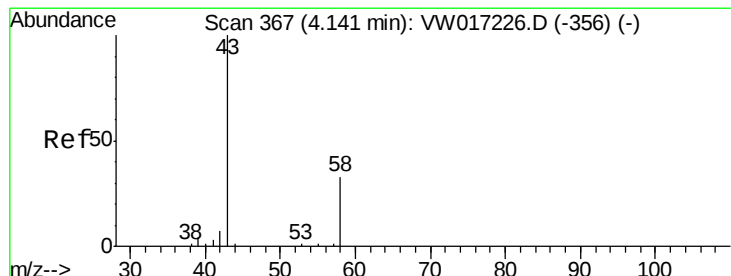
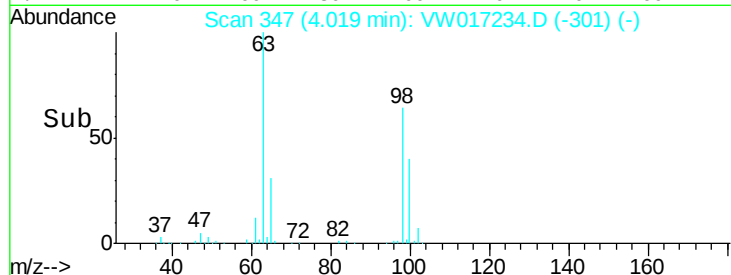
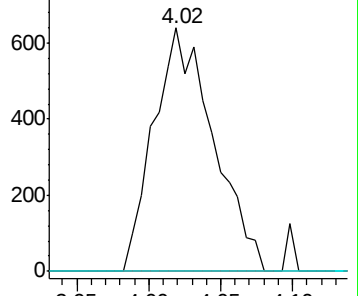
151 0.0 65.4 98.2#



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: 2.961 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW017234.D

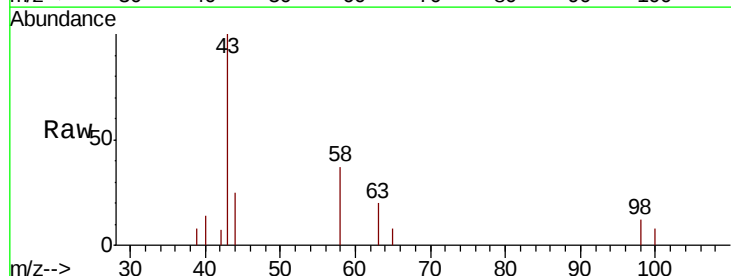
Acq: 15 Nov 2020 13:42

Tgt Ion: 43 Resp: 2640

Ion Ratio Lower Upper

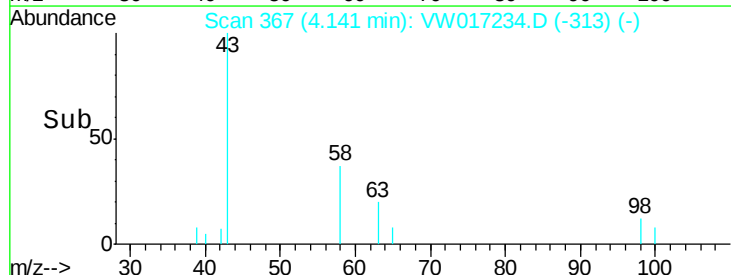
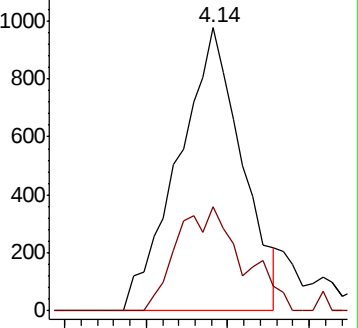
43 100

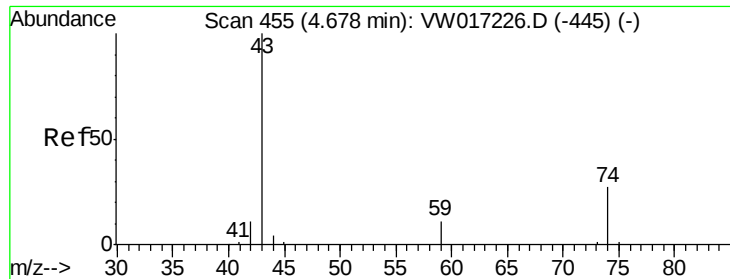
58 17.7 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

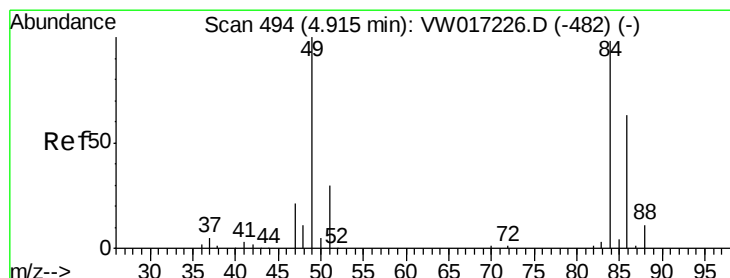
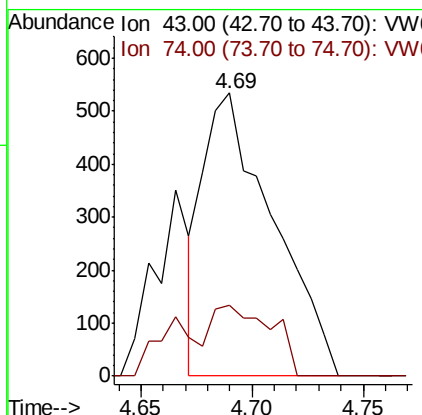
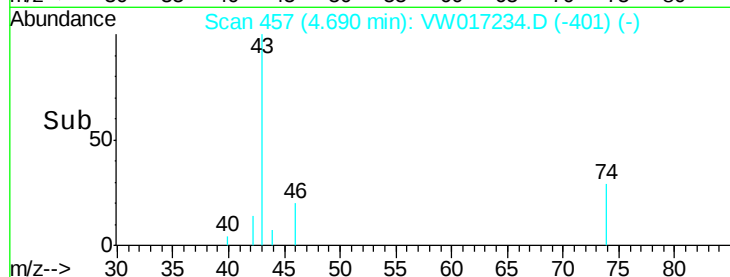
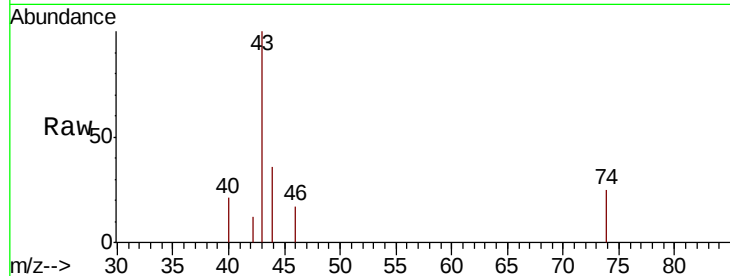




#15
Methyl Acetate
Concen: 0.526 ug/L
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW017234.D
Acq: 15 Nov 2020 13:42

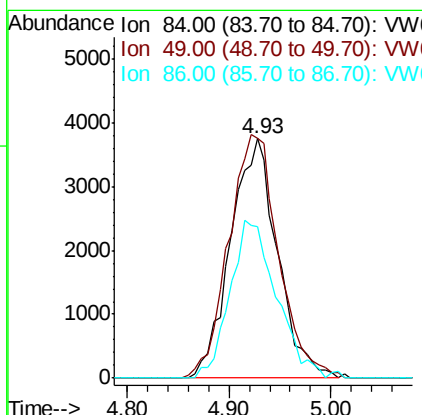
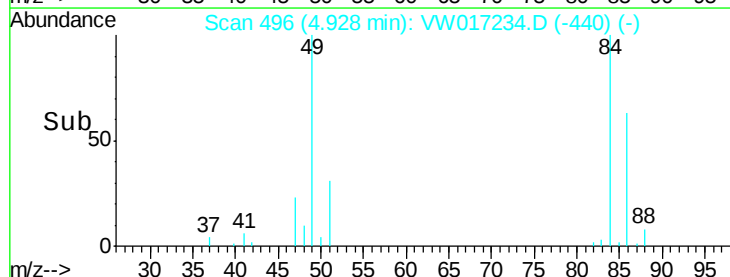
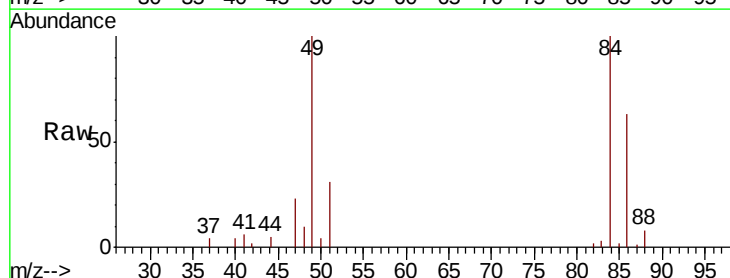
Instrument :
MSVOA_W
ClientSampled :
C0AC8

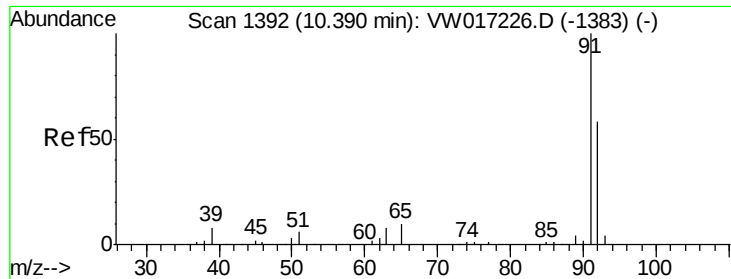
Tot Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
74 10.0 21.5 32.3#



#16
Methylene chloride
Concen: 1.879 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017234.D
Acq: 15 Nov 2020 13:42

Tgt Ion: 84 Resp: 11980
Ion Ratio Lower Upper
84 100
49 100.1 72.3 134.3
86 63.4 45.1 83.7





#44

Toluene

Concen: 0.274 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017234.D

Acq: 15 Nov 2020 13:42

Instrument :

MSVOA_W

ClientSampleId :

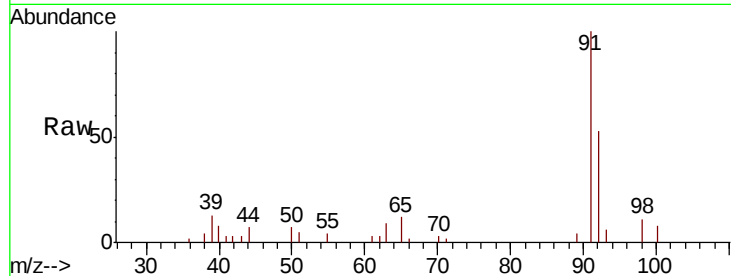
C0AC8

Tot Ion: 91 Resp: 5690

Ion Ratio Lower Upper

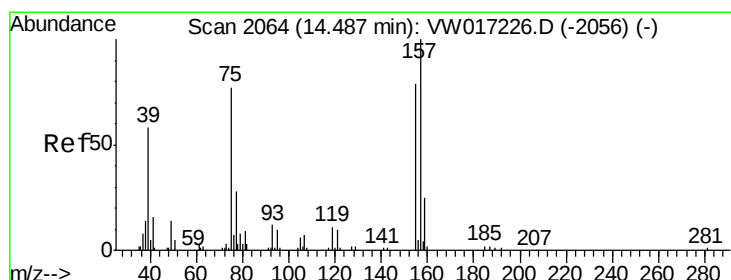
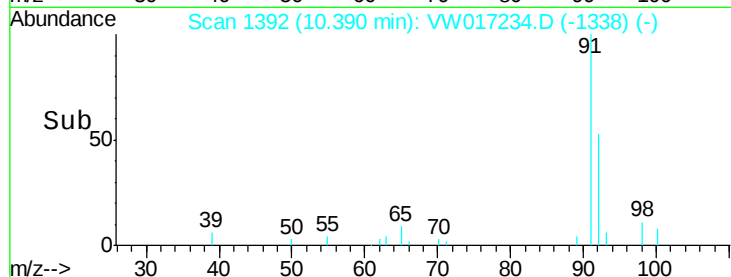
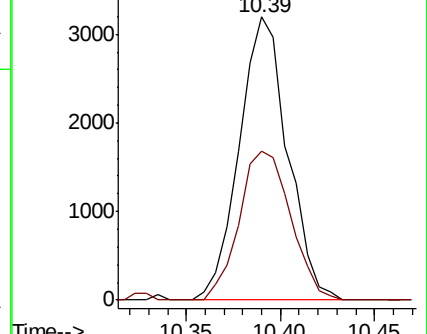
91 100

92 52.5 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#66

1,2-Dibromo-3-chloropropane

Concen: 6.801 ug/L

RT: 14.46 min Scan# 2059

Delta R.T. -0.03 min

Lab File: VW017234.D

Acq: 15 Nov 2020 13:42

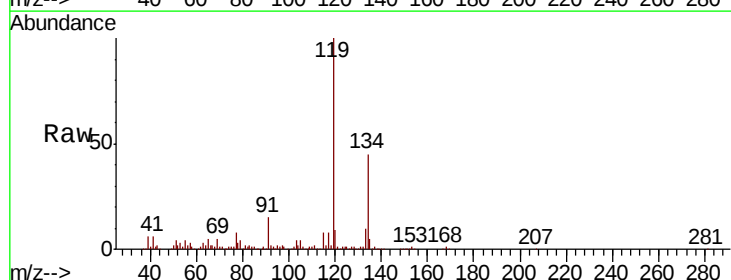
Tgt Ion: 75 Resp: 2307

Ion Ratio Lower Upper

75 100

157 0.0 108.2 162.4#

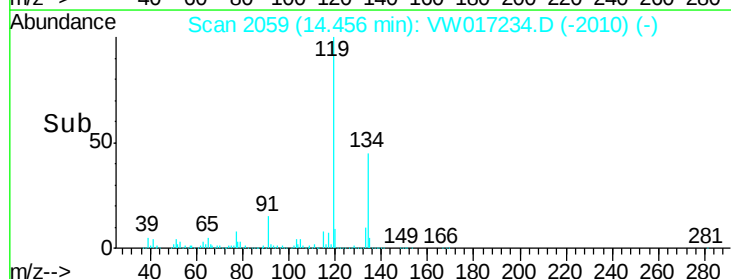
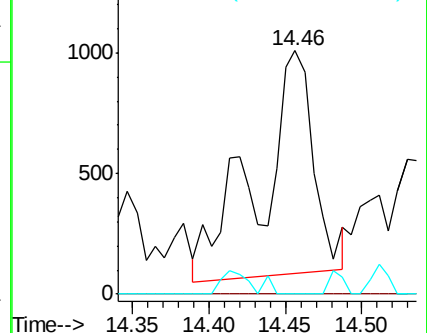
155 0.0 79.1 118.7#

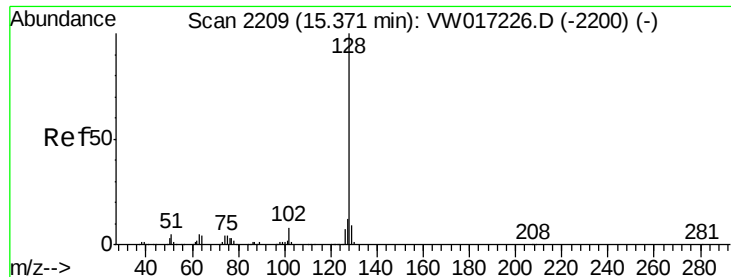


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V





#69

Naphthalene

Concen: 0.630 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW017234.D

Acq: 15 Nov 2020 13:42

Instrument :

MSVOA_W

ClientSampled :

C0AC8

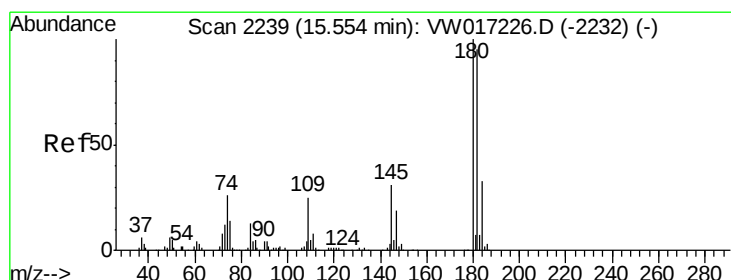
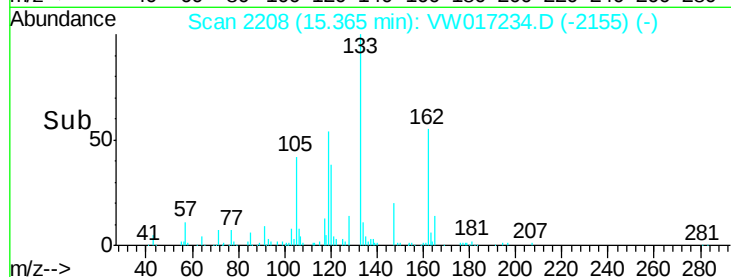
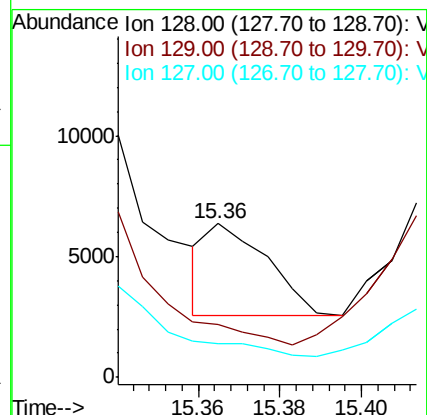
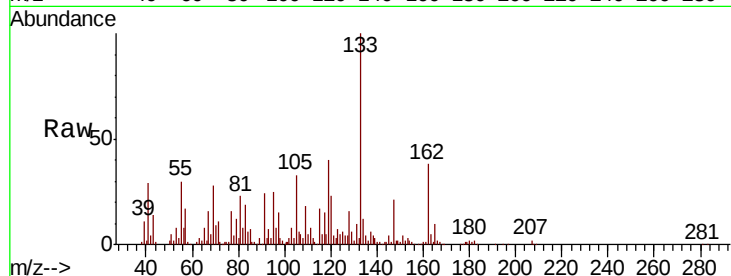
Tot Ion:128 Resp: 3878

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 10.2 15.2#



#70

1,2,3-Trichlorobenzene

Concen: 1.430 ug/L

RT: 15.52 min Scan# 2233

Delta R.T. -0.04 min

Lab File: VW017234.D

Acq: 15 Nov 2020 13:42

Tgt Ion:180 Resp: 4371

Ion Ratio Lower Upper

180 100

182 10.0 75.5 113.3#

145 2224.0 24.5 36.7#

