

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011121\
 Data File : VW017814.D
 Acq On : 11 Jan 2021 13:17
 Operator : SY/VA
 Sample : M1074-02
 Misc : 6.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 05:26:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	269146	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220942	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	73186	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118183	28.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.52%
7) Chloroethane-d5	2.89	69	95160	27.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.76%
10) 1,1-Dichloroethene-d2	4.02	63	151198	20.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.36%
20) 2-Butanone-d5	7.08	46	44016	65.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.42%
24) Chloroform-d	7.65	84	189238	26.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.64%
26) 1,2-Dichloroethane-d4	8.31	65	109854	30.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.72%
29) Benzene-d6	8.27	84	369124	29.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.64%
33) 1,2-Dichloropropane-d6	9.27	67	108746	31.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.80%#
37) Toluene-d8	10.32	98	316543	26.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.92%
38) trans-1,3-Dichloropropene-	10.58	79	45195	29.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.24%
39) 2-Hexanone-d5	10.93	63	29758	69.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.14%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75112	29.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	66047	25.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.68%

Target Compounds

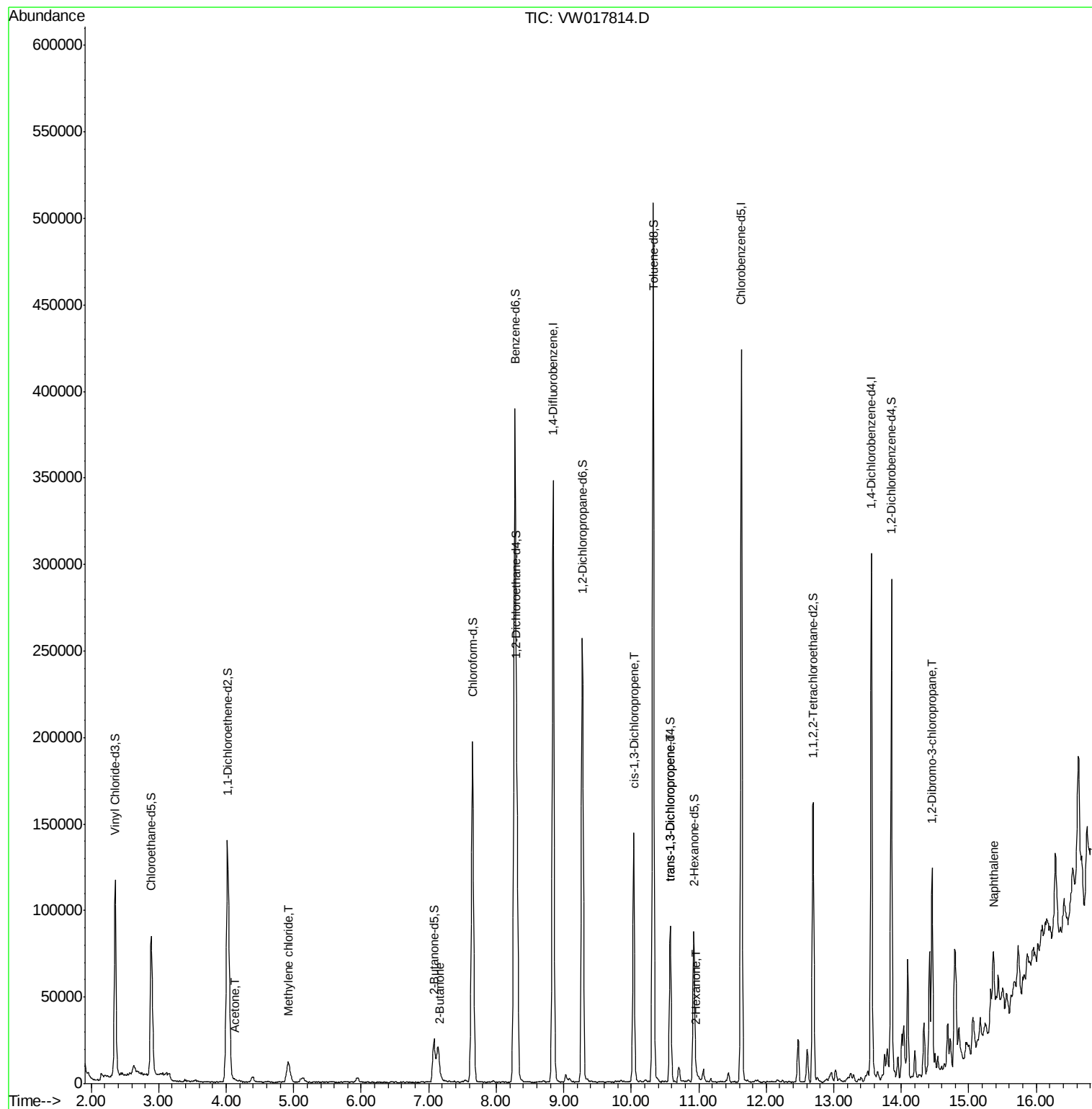
					Ovalue
13) Acetone	4.12	43	2868	4.921 ug/L	72
16) Methylene chloride	4.91	84	8708	2.262 ug/L	91
21) 2-Butanone	7.17	43	739	0.943 ug/L #	44
42) cis-1,3-Dichloropropene	10.03	75	4512	0.948 ug/L	85
45) trans-1,3-Dichloropropene	10.58	75	2668	0.658 ug/L	95
49) 2-Hexanone	10.97	43	1316	1.280 ug/L #	87
66) 1,2-Dibromo-3-chloropropan	14.46	75	1025	3.921 ug/L #	9
69) Naphthalene	15.36	128	36616	7.543 ug/L	97

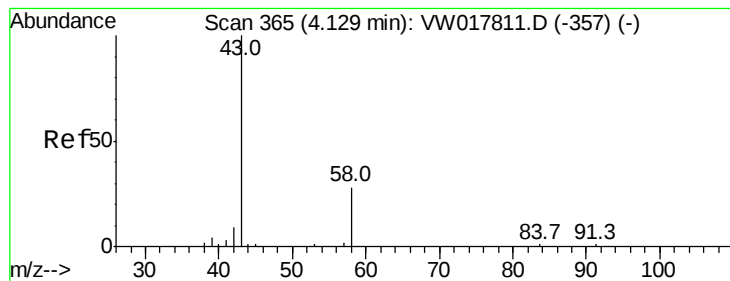
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 12 05:24:59 2021
Response via : Initial Calibration





#13

Acetone

Concen: 4.921 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017814.D

Acq: 11 Jan 2021 13:17

Instrument :

MSVOA_W

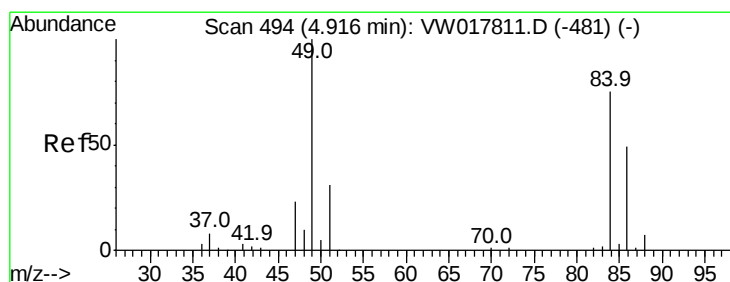
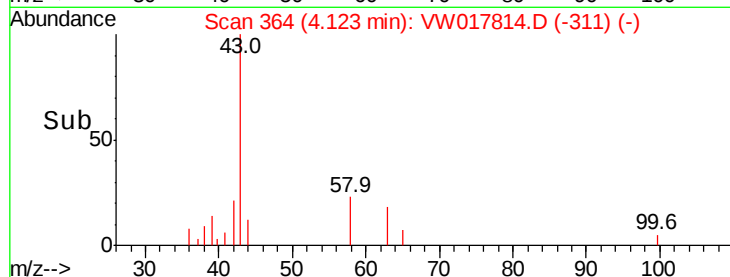
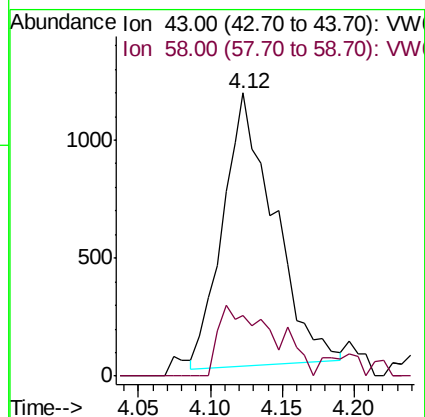
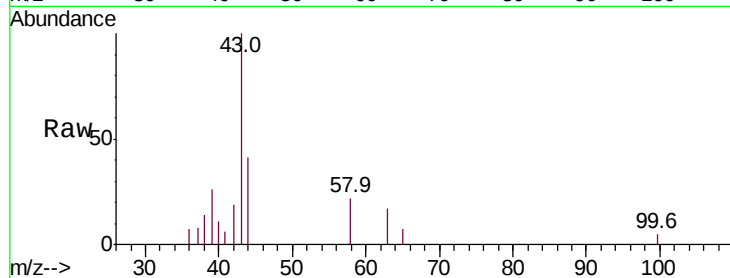
ClientSampled :

Tot Ion: 43 Resp: 2868

Ion Ratio Lower Upper

43 100

58 15.4 0.0 60.8



#16

Methylene chloride

Concen: 2.262 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017814.D

Acq: 11 Jan 2021 13:17

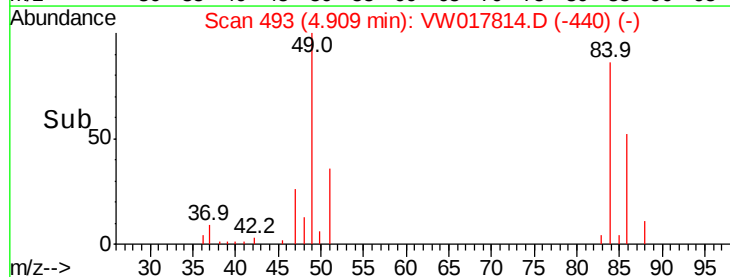
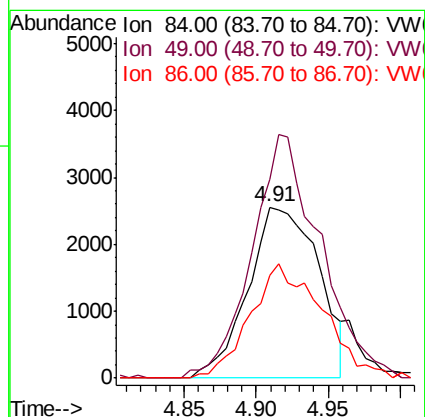
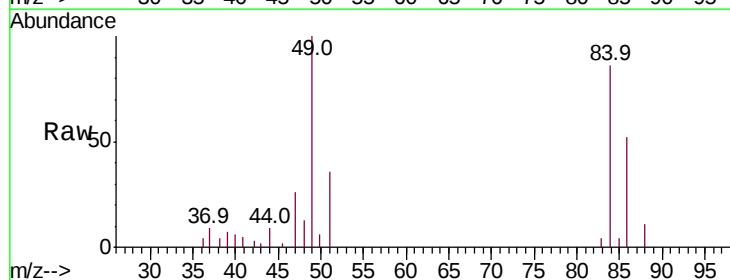
Tgt Ion: 84 Resp: 8708

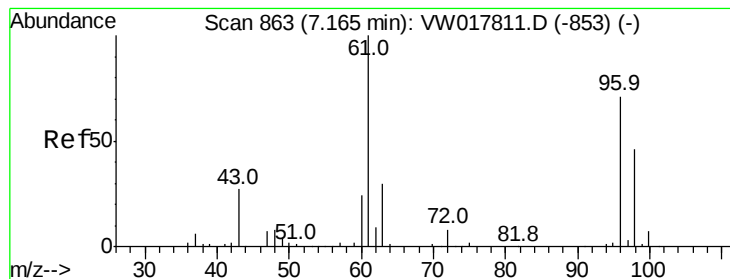
Ion Ratio Lower Upper

84 100

49 116.6 90.5 168.1

86 60.2 44.8 83.2





#21

2-Butanone

Concen: 0.943 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW017814.D

Acq: 11 Jan 2021 13:17

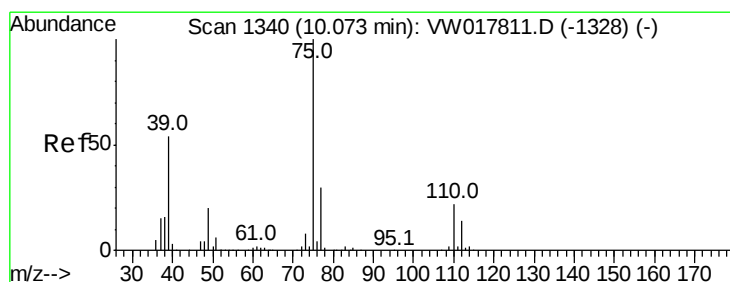
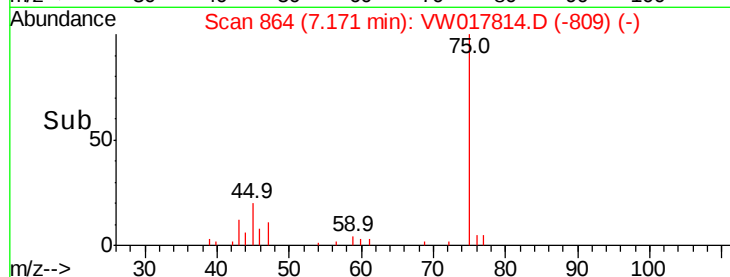
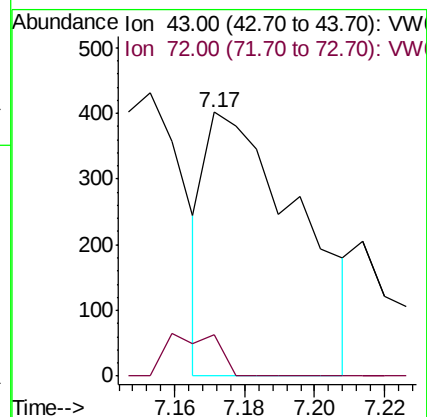
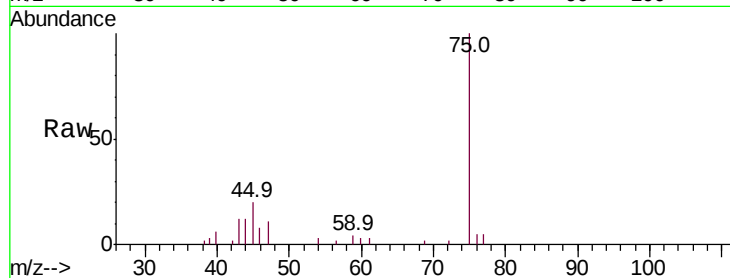
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 739

Ion Ratio Lower Upper

43 100

72 0.0 15.4 46.2#



#42

cis-1,3-Dichloropropene

Concen: 0.948 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017814.D

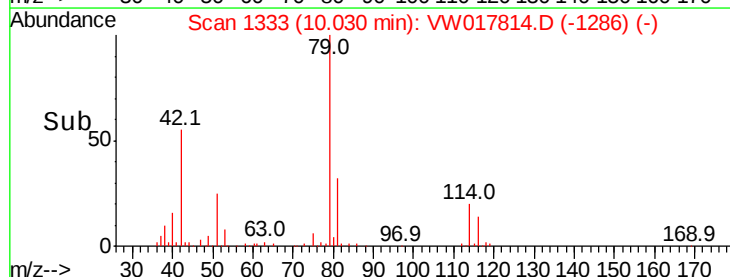
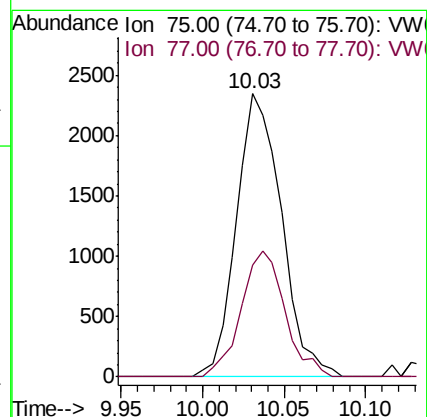
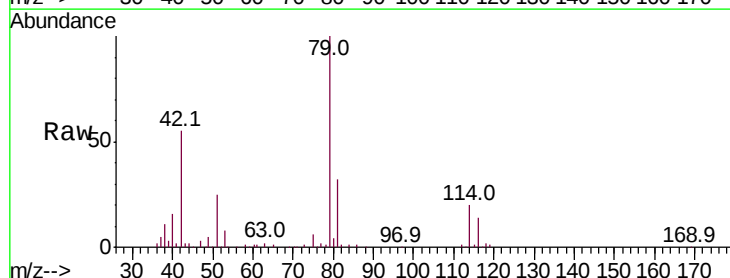
Acq: 11 Jan 2021 13:17

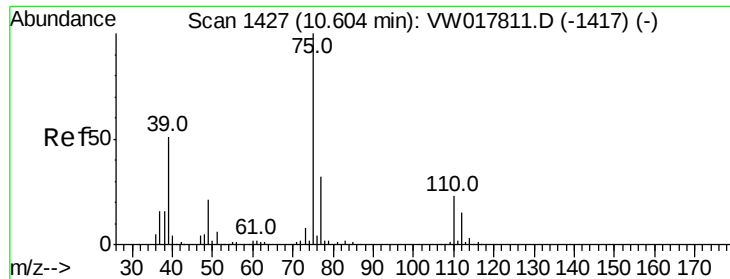
Tgt Ion: 75 Resp: 4512

Ion Ratio Lower Upper

75 100

77 39.4 21.6 40.2





#45

trans-1,3-Dichloropropene

Concen: 0.658 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017814.D

Acq: 11 Jan 2021 13:17

Instrument :

MSVOA_W

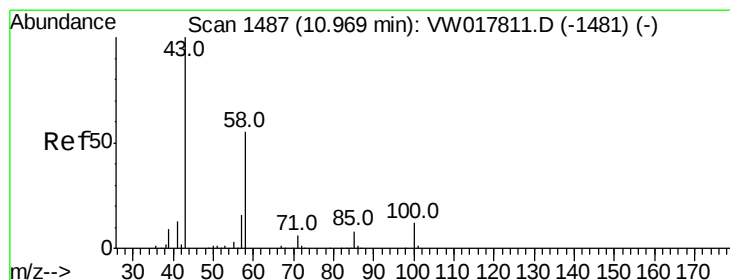
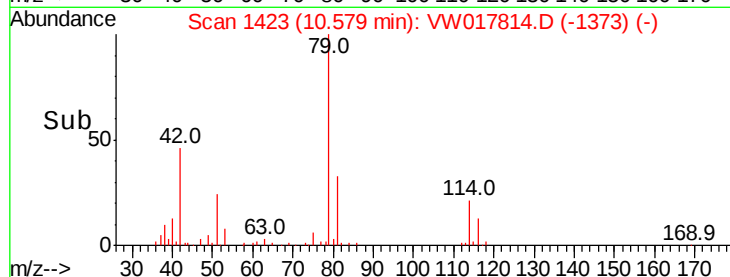
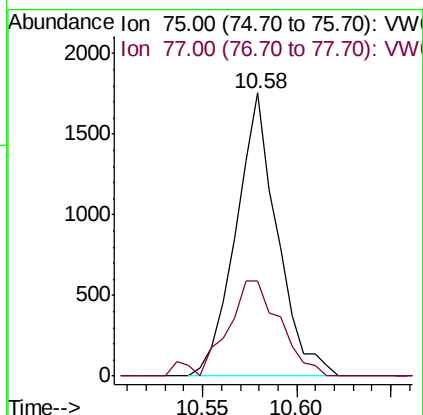
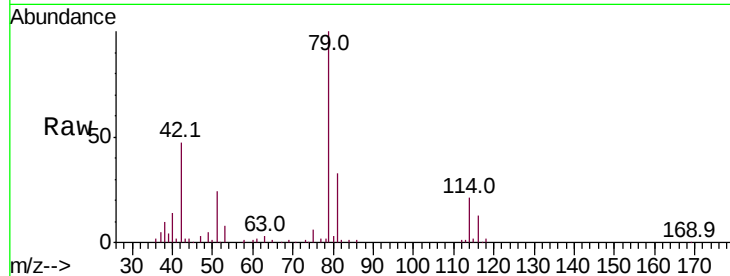
ClientSampleId :

Tot Ion: 75 Resp: 2668

Ion Ratio Lower Upper

75 100

77 33.6 21.6 40.0



#49

2-Hexanone

Concen: 1.280 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017814.D

Acq: 11 Jan 2021 13:17

Tgt Ion: 43 Resp: 1316

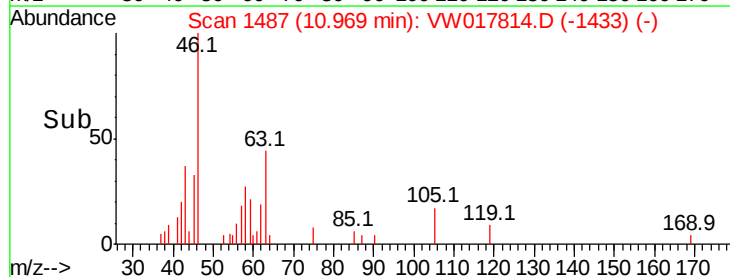
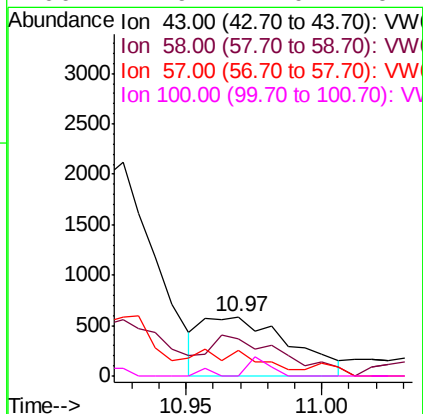
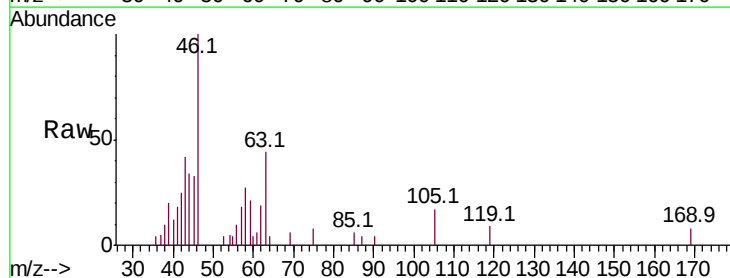
Ion Ratio Lower Upper

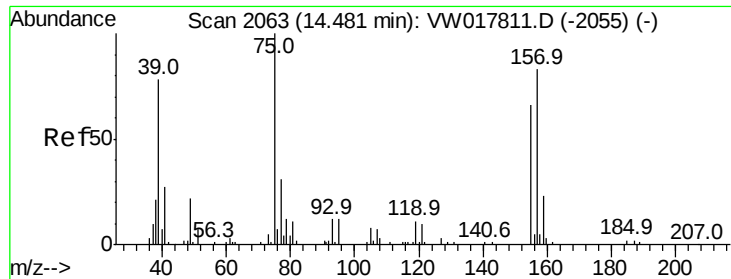
43 100

58 51.8 44.2 66.4

57 4.7 16.1 24.1#

100 7.9 11.0 16.4#

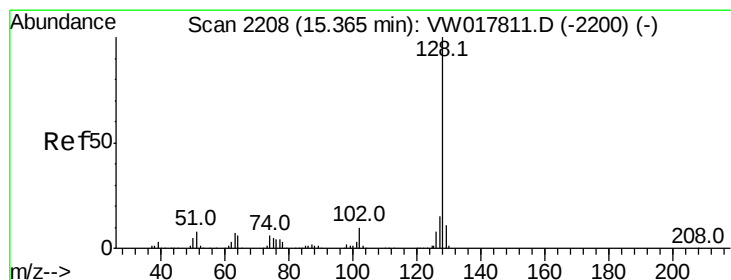
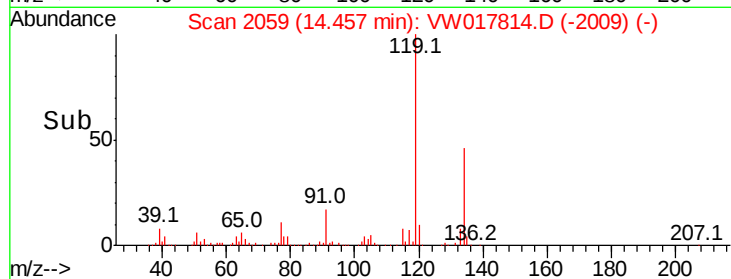
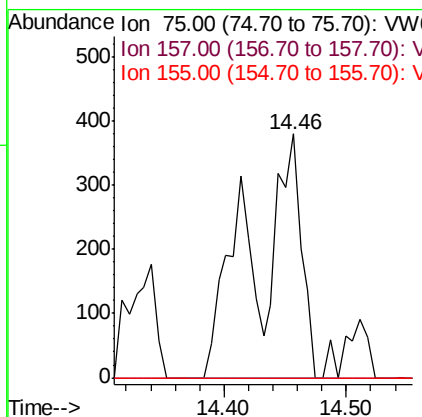
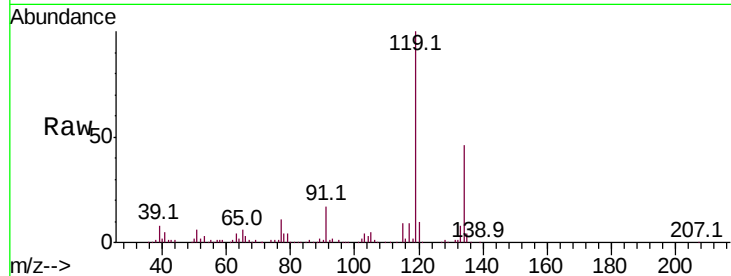




#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.921 ug/L
 RT: 14.46 min Scan# 2059
 Delta R.T. -0.02 min
 Lab File: VW017814.D
 Acq: 11 Jan 2021 13:17

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 1025
 Ion Ratio Lower Upper
 75 100
 157 0.0 70.2 105.4#
 155 0.0 59.8 89.6#



#69
 Naphthalene
 Concen: 7.543 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW017814.D
 Acq: 11 Jan 2021 13:17

Tgt Ion: 128 Resp: 36616
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.8 13.2
 127 14.9 10.6 15.8

