

Data File : VW011896.D
Acq On : 13 Aug 2019 15:42
Operator : SY/VA
Sample : K4215-09RE
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC0

Quant Time: Aug 14 04:59:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383559	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286709	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80561	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78379	14.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.04%
7) Chloroethane-d5	2.89	69	66481	17.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.36%
10) 1,1-Dichloroethene-d2	4.02	63	146923	11.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.48%
20) 2-Butanone-d5	7.07	46	80544	33.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.24%
24) Chloroform-d	7.65	84	188910	17.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.72%
26) 1,2-Dichloroethane-d4	8.52	65	118	0.02	ug/L	0.21
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	373931	20.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.96%
33) 1,2-Dichloropropane-d6	9.27	67	128362	22.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.20%
37) Toluene-d8	10.32	98	300564	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.12%
38) trans-1,3-Dichloropropene-	10.58	79	38960	15.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.08%
39) 2-Hexanone-d5	10.93	63	48410	35.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86043	17.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	59329	19.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.44%

Target Compounds

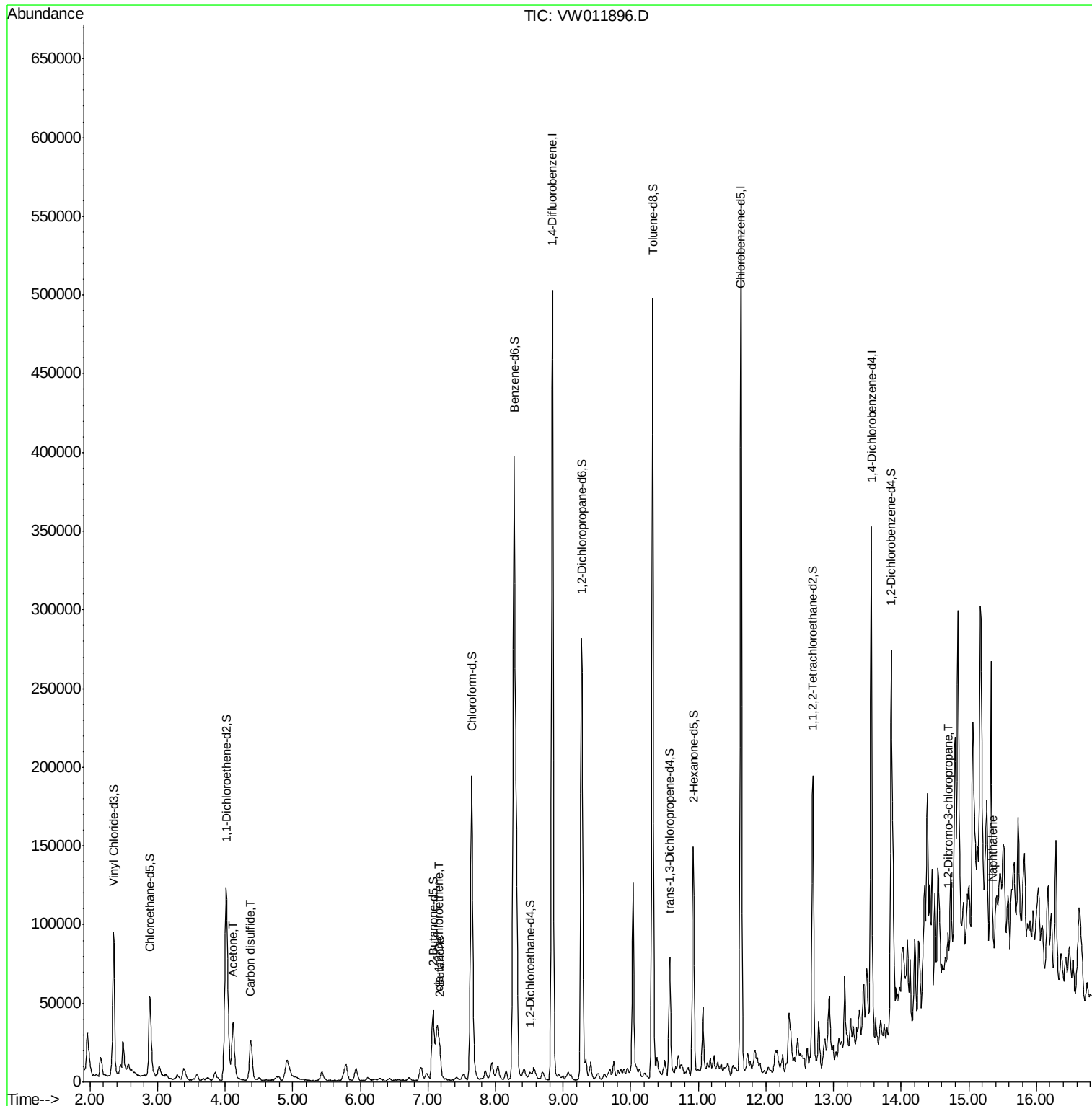
						Qvalue
13) Acetone	4.12	43	64937	24.932	ug/L	98
14) Carbon disulfide	4.38	76	52478	2.925	ug/L	98
21) 2-Butanone	7.18	43	20002	6.125	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	3842	0.645	ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.69	75	1341	2.617	ug/L #	21
69) Naphthalene	15.36	128	6787	1.040	ug/L #	84

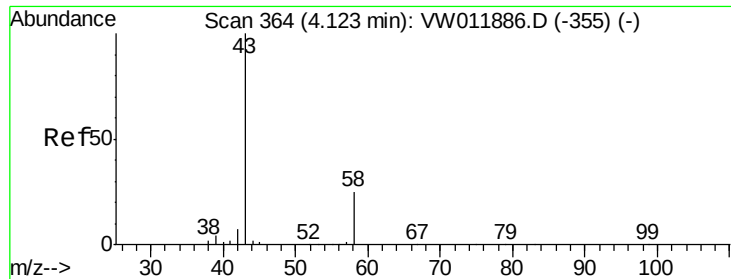
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.932 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 13 Aug 2019 15:42

Instrument :

MSVOA_W

ClientSampled :

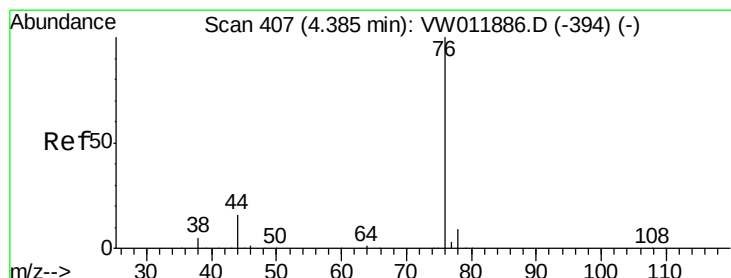
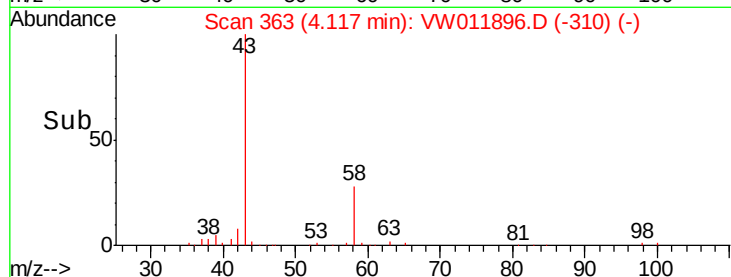
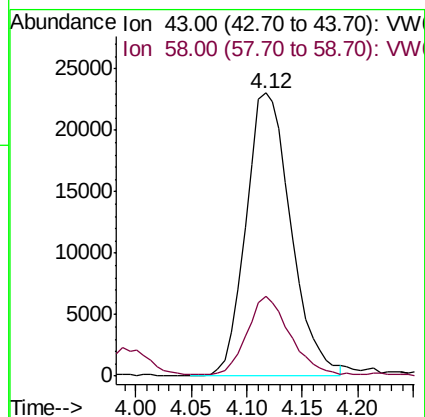
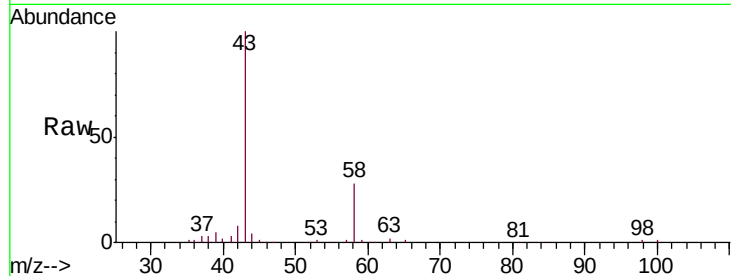
ETOC0

Tgt Ion: 43 Resp: 64937

Ion Ratio Lower Upper

43 100

58 27.5 0.0 53.4



#14

Carbon disulfide

Concen: 2.925 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011896.D

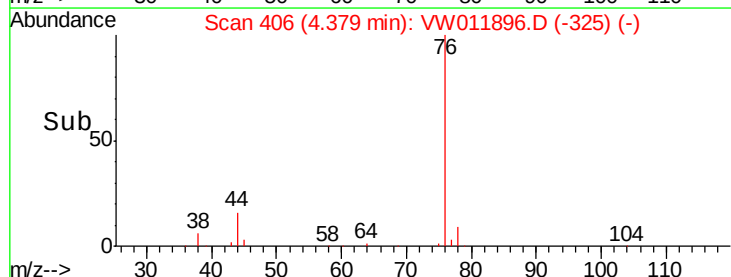
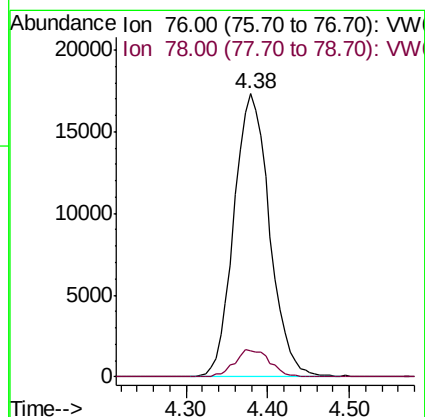
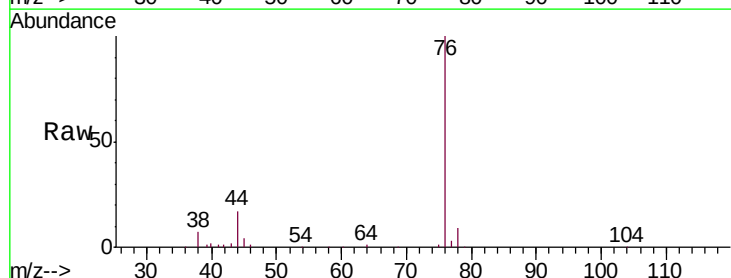
Acq: 13 Aug 2019 15:42

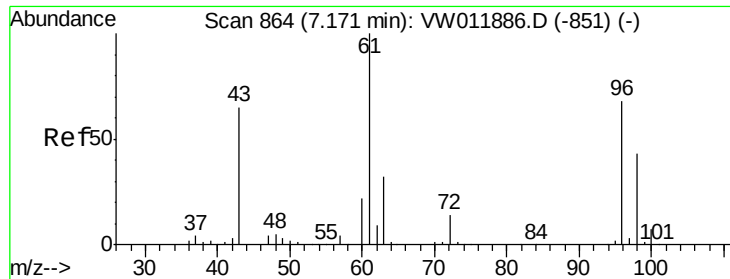
Tgt Ion: 76 Resp: 52478

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6





#21

2-Butanone

Concen: 6.125 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011896.D

Acq: 13 Aug 2019 15:42

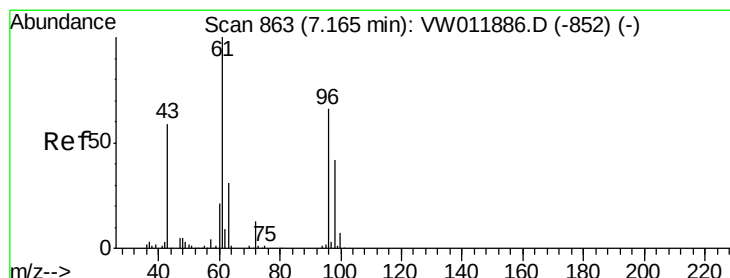
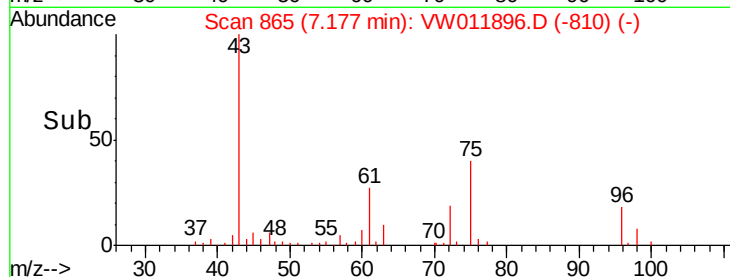
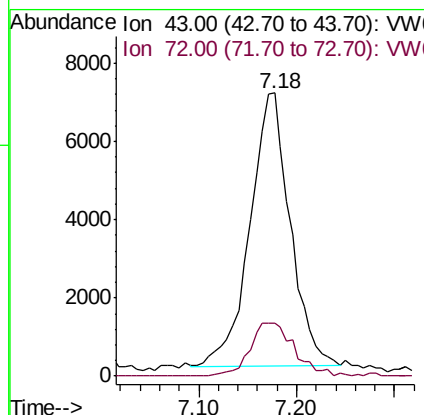
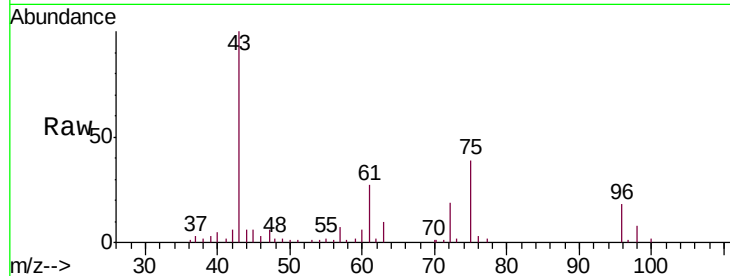
Instrument :
MSVOA_W
ClientSampled :
ETOC0

Tgt Ion: 43 Resp: 20002

Ion Ratio Lower Upper

43 100

72 19.9 10.7 32.1



#22

cis-1,2-Dichloroethene

Concen: 0.645 ug/L

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

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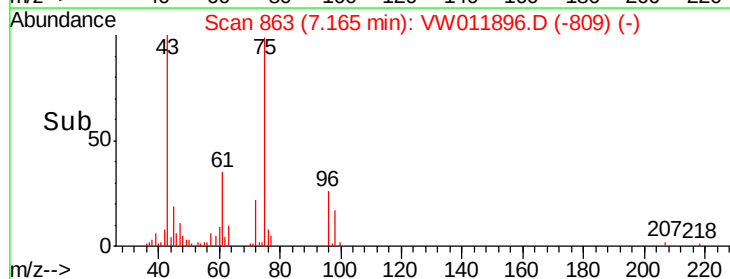
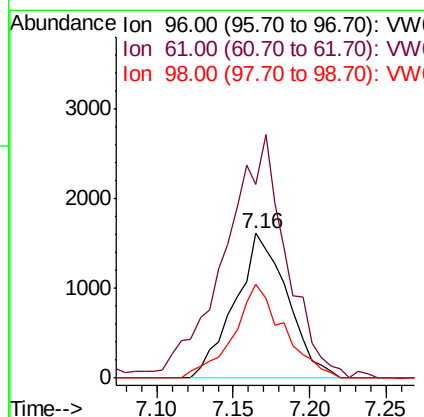
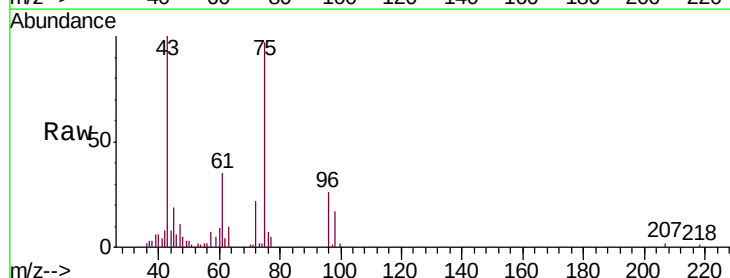
Tgt Ion: 96 Resp: 3842

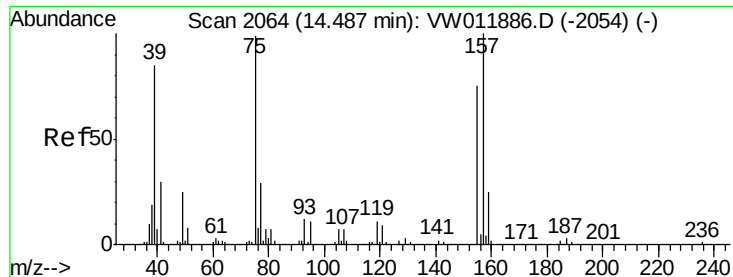
Ion Ratio Lower Upper

96 100

61 134.0 103.9 192.9

98 64.7 43.5 80.9

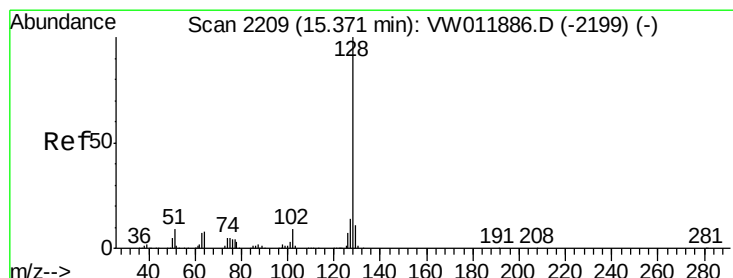
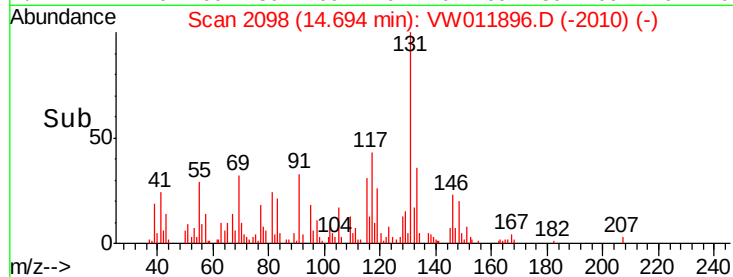
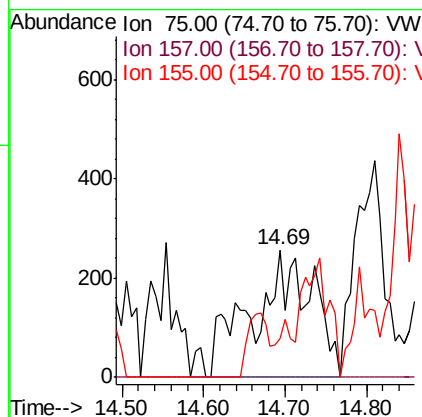
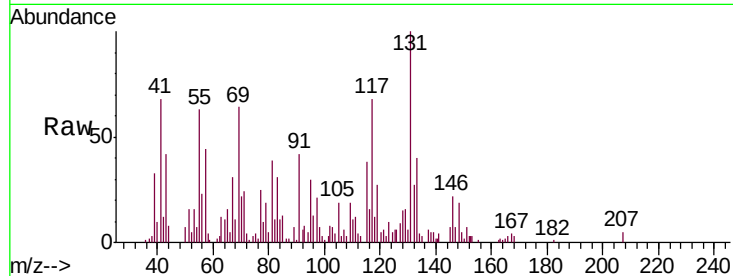




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.617 ug/L
 RT: 14.69 min Scan# 2098
 Delta R.T. 0.21 min
 Lab File: VW011896.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC0

Tgt Ion: 75 Resp: 1341
 Ion Ratio Lower Upper
 75 100
 157 0.0 79.3 118.9#
 155 30.7 59.9 89.9#



#69
 Naphthalene
 Concen: 1.040 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: VW011896.D
 Acq: 13 Aug 2019 15:42

Tgt Ion: 128 Resp: 6787
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.7 13.1#
 127 10.8 10.6 16.0

