

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
 Data File : VW003385.D
 Acq On : 21 Jun 2018 14:10
 Operator : SY/AP
 Sample : J3569-11
 Misc : 5.81G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXR2RE

Quant Time: Jun 22 04:55:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 04:53:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	280167	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	196512	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	44004	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102336	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.72%
7) Chloroethane-d5	2.89	69	89302	28.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.68%
10) 1,1-Dichloroethene-d2	4.01	63	147523	19.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.20%
20) 2-Butanone-d5	7.09	46	50269	41.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.98%
24) Chloroform-d	7.65	84	185409	25.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	8.38	65	112	0.03	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.28	84	353599	33.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.64%#
33) 1,2-Dichloropropane-d6	9.28	67	109105	33.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.24%#
37) Toluene-d8	10.33	98	275751	27.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.64%
38) trans-1,3-Dichloropropene-	10.58	79	33700	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.00%
39) 2-Hexanone-d5	10.93	63	33759	50.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.08%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	55288	18.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	37438	22.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.12%

Target Compounds

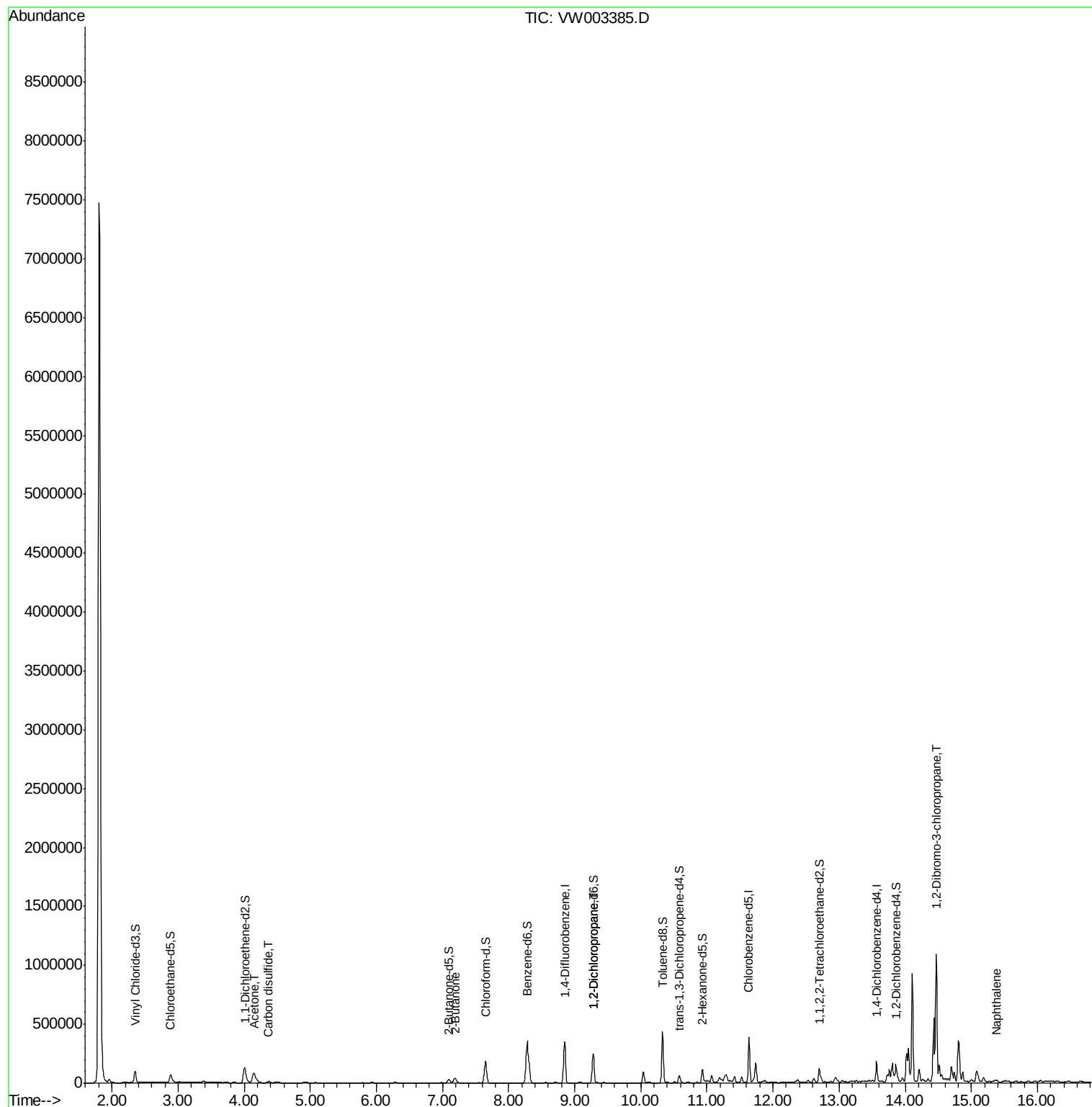
					Qvalue
13) Acetone	4.15	43	173346	135.826	ug/L 99
14) Carbon disulfide	4.37	76	25145	2.225	ug/L 98
21) 2-Butanone	7.19	43	64580	43.062	ug/L 98
40) 1,2-Dichloropropane	9.27	63	13650	4.629	ug/L # 90
66) 1,2-Dibromo-3-chloropropan	14.47	75	7378	32.545	ug/L # 9
69) Naphthalene	15.38	128	13328	4.162	ug/L # 95

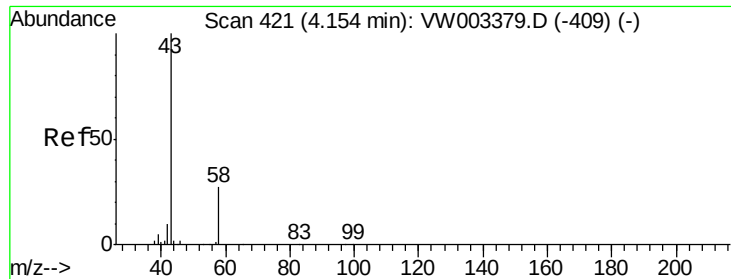
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 135.826 ug/L

RT: 4.15 min Scan# 420

Delta R.T. -0.01 min

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Acq: 21 Jun 2018 14:10

Instrument :

MSVOA_W

ClientSampleId :

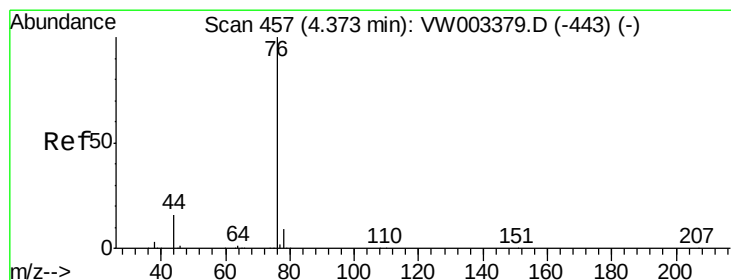
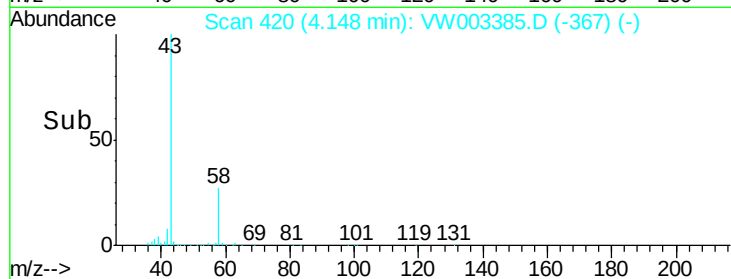
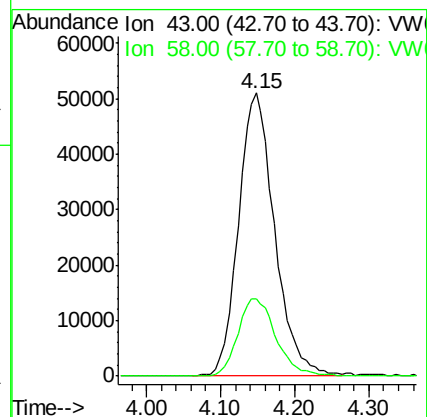
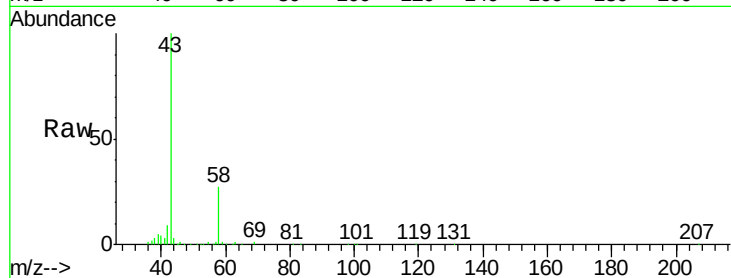
DAXR2RE

Tgt Ion: 43 Resp: 173346

Ion Ratio Lower Upper

43 100

58 28.7 0.0 58.6



#14

Carbon disulfide

Concen: 2.225 ug/L

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003385.D

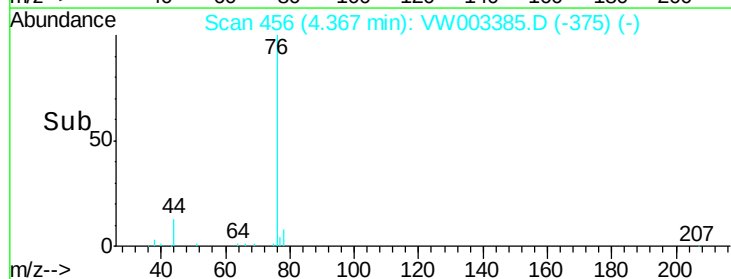
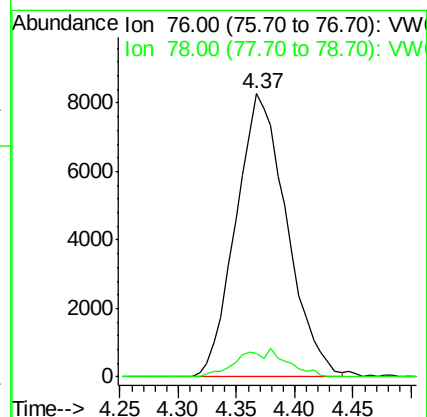
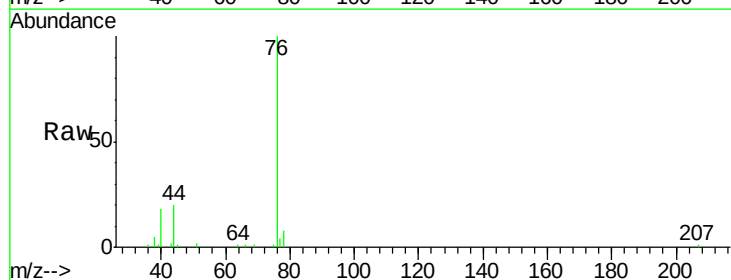
Acq: 21 Jun 2018 14:10

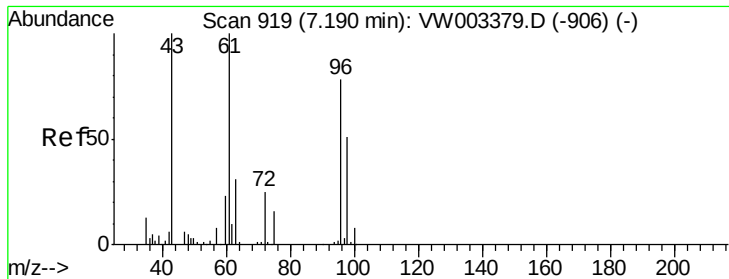
Tgt Ion: 76 Resp: 25145

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9





#21

2-Butanone

Concen: 43.062 ug/L

RT: 7.19 min Scan# 919

Delta R.T. 0.00 min

Lab File: VW003385.D

Acq: 21 Jun 2018 14:10

Instrument :

MSVOA_W

ClientSampled :

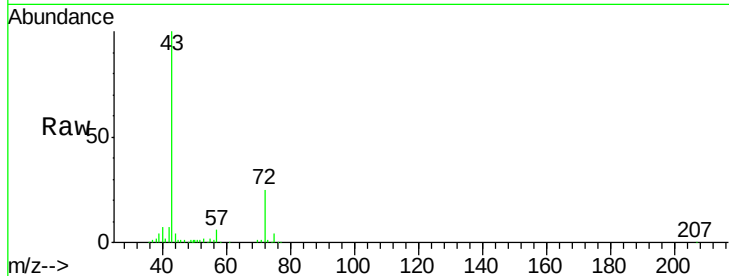
DAXR2RE

Tgt Ion: 43 Resp: 64580

Ion Ratio Lower Upper

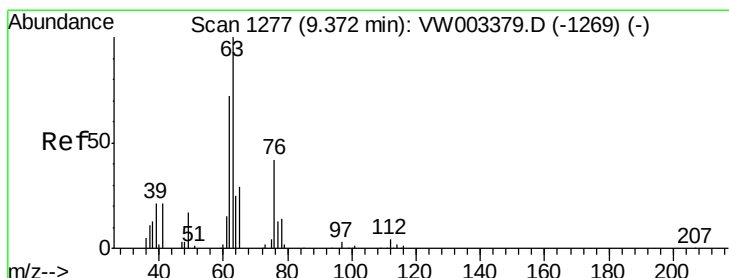
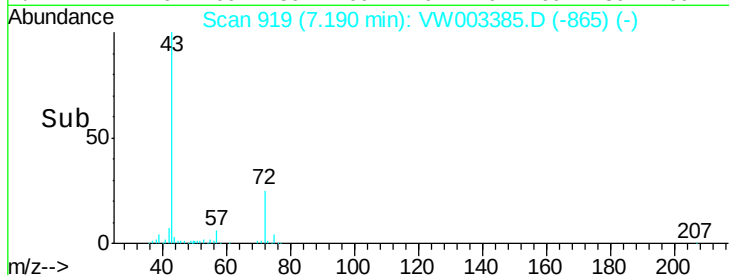
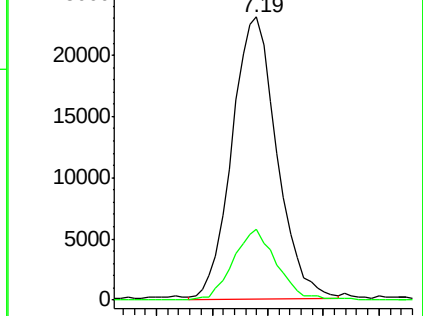
43 100

72 24.1 12.5 37.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#40

1,2-Dichloropropane

Concen: 4.629 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

Lab File: VW003385.D

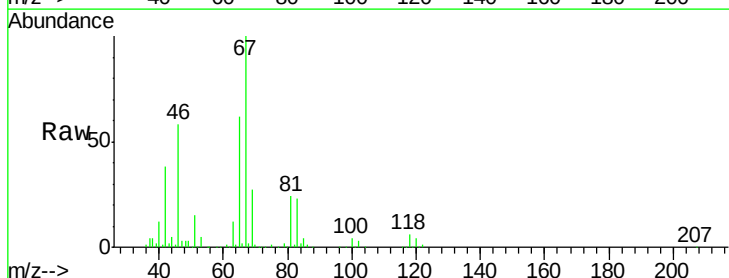
Acq: 21 Jun 2018 14:10

Tgt Ion: 63 Resp: 13650

Ion Ratio Lower Upper

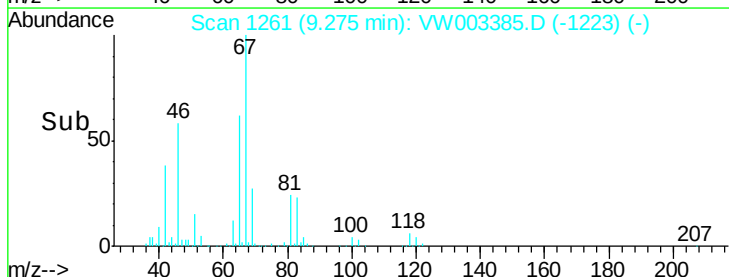
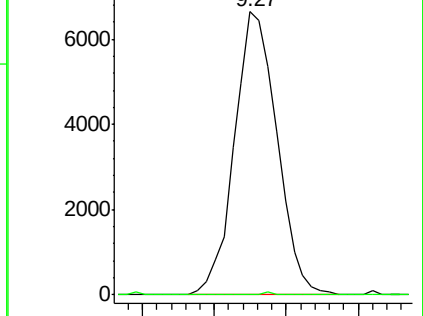
63 100

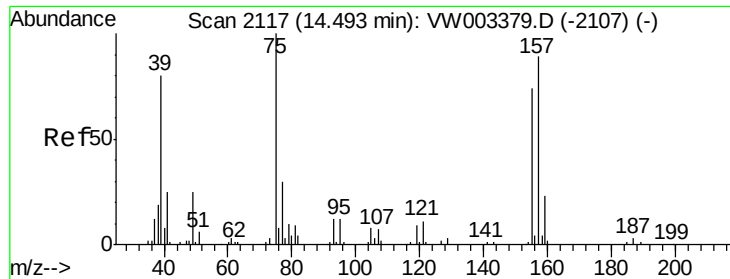
112 0.8 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

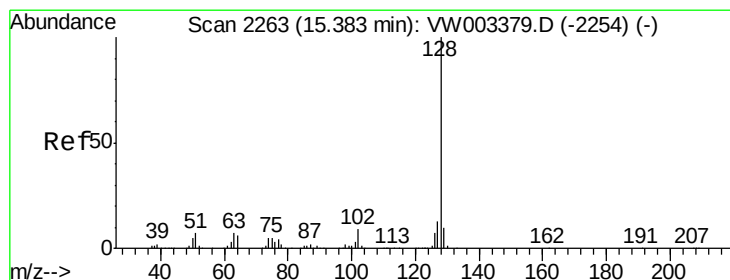
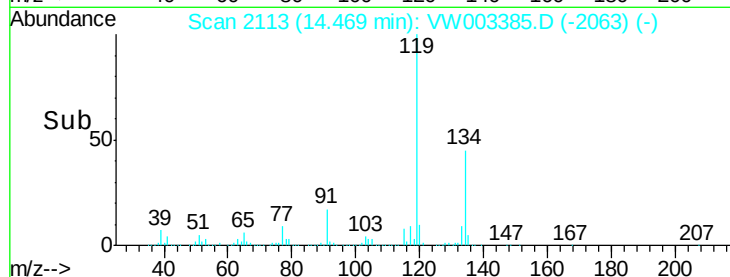
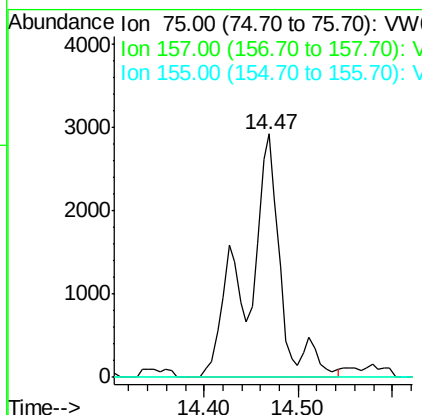
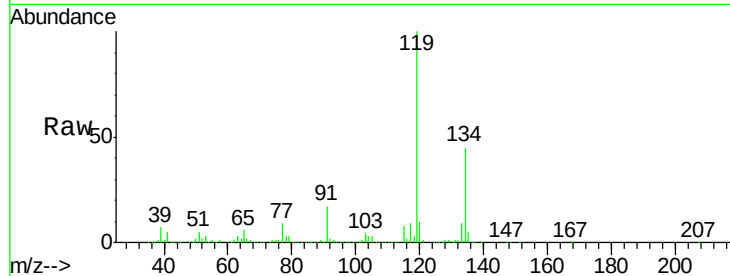




#66
 1,2-Dibromo-3-chloropropane
 Concen: 32.545 ug/L
 RT: 14.47 min Scan# 2113
 Delta R.T. -0.02 min
 Lab File: VW003385.D
 Acq: 21 Jun 2018 14:10

Instrument :
 MSVOA_W
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 DAXR2RE

Tgt Ion: 75 Resp: 7378
 Ion Ratio Lower Upper
 75 100
 157 0.0 70.7 106.1#
 155 0.0 59.0 88.6#



#69
 Naphthalene
 Concen: 4.162 ug/L
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: VW003385.D
 Acq: 21 Jun 2018 14:10

Tgt Ion: 128 Resp: 13328
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 13.0
 127 16.7 10.9 16.3#

