

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
 Data File : VW003369.D
 Acq On : 20 Jun 2018 22:46
 Operator : SY/AP
 Sample : J3569-14
 Misc : 7.75G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXR5

Quant Time: Jun 21 05:06:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 21 05:02:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	336364	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	154722	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	112981	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.08%
7) Chloroethane-d5	2.89	69	92120	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
10) 1,1-Dichloroethene-d2	4.01	63	161842	17.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.48%
20) 2-Butanone-d5	7.09	46	75654	52.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.26%
24) Chloroform-d	7.65	84	189418	21.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.64%
26) 1,2-Dichloroethane-d4	8.31	65	140535	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.92%
29) Benzene-d6	8.28	84	418362	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.28	67	136678	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.20%
37) Toluene-d8	10.33	98	395450	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.92%
38) trans-1,3-Dichloropropene-	10.58	79	50107	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.80%
39) 2-Hexanone-d5	10.93	63	57061	52.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.38%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	85912	17.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	151766	25.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.88%

Target Compounds

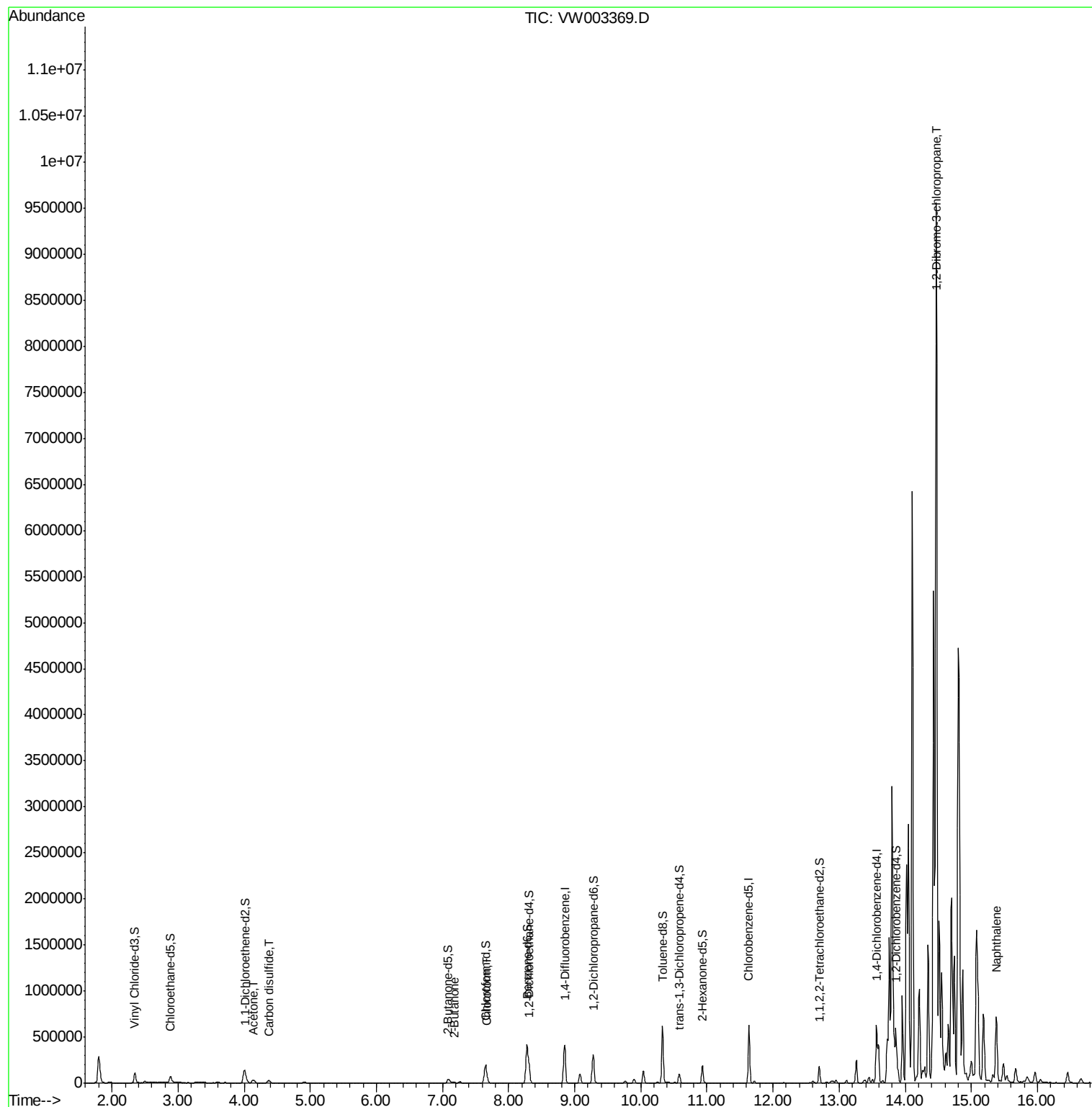
					Qvalue
13) Acetone	4.14	43	64437	42.055	ug/L 98
14) Carbon disulfide	4.37	76	58144	4.286	ug/L 99
21) 2-Butanone	7.18	43	5510	3.060	ug/L 84
25) Chloroform	7.67	83	30812	3.666	ug/L 94
66) 1,2-Dibromo-3-chloropropan	14.47	75	68487	85.921	ug/L # 9
69) Naphthalene	15.38	128	576378	51.188	ug/L 99

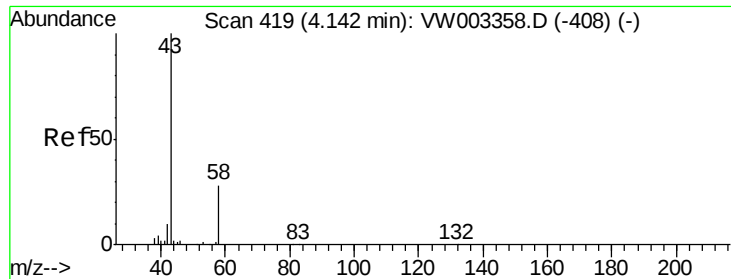
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 21 05:02:42 2018
Response via : Initial Calibration





#13

Acetone

Concen: 42.055 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

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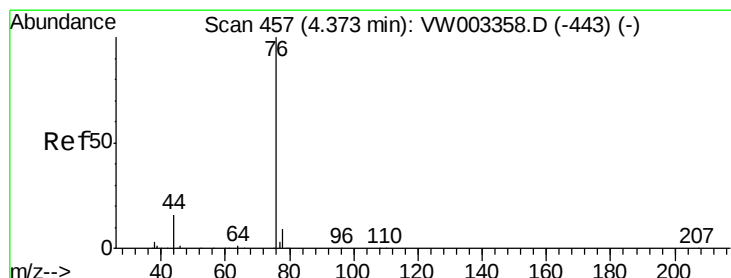
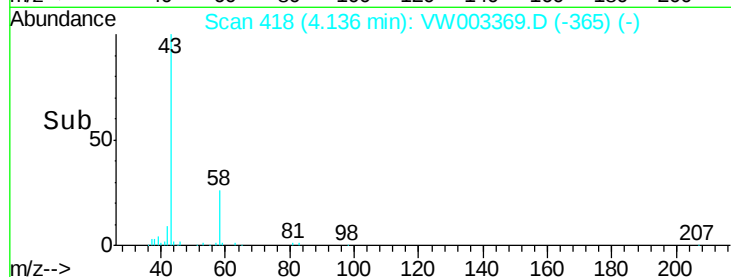
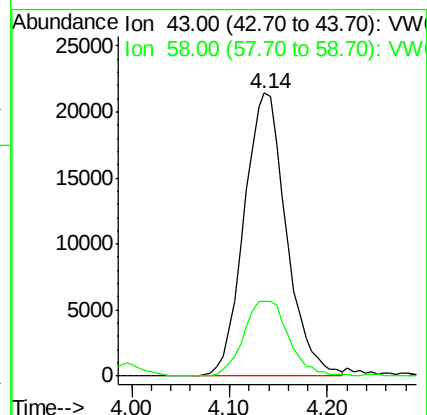
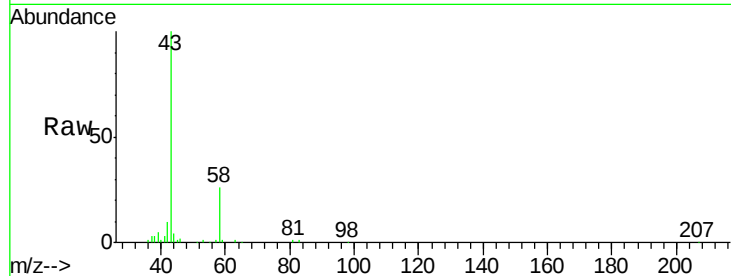
DAXR5

Tgt Ion: 43 Resp: 64437

Ion Ratio Lower Upper

43 100

58 28.2 0.0 58.6



#14

Carbon disulfide

Concen: 4.286 ug/L

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

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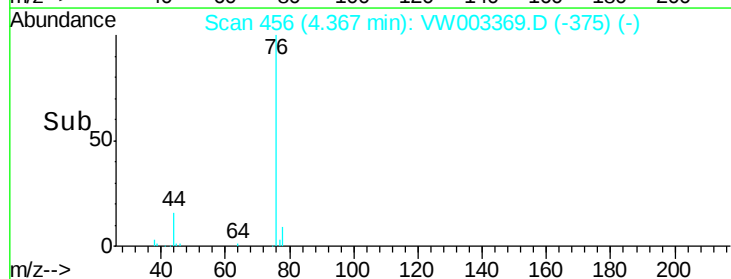
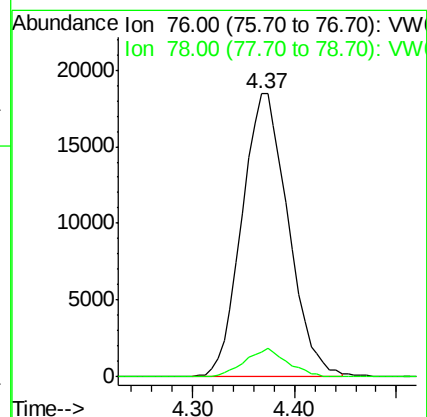
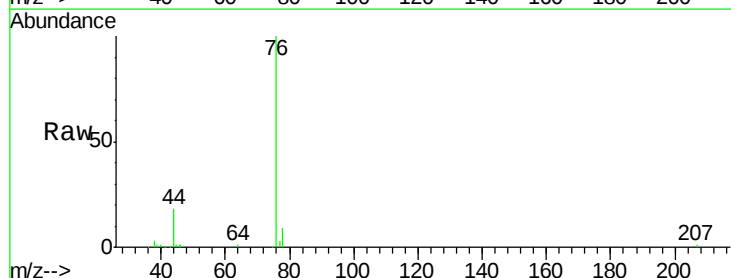
Acq: 20 Jun 2018 22:46

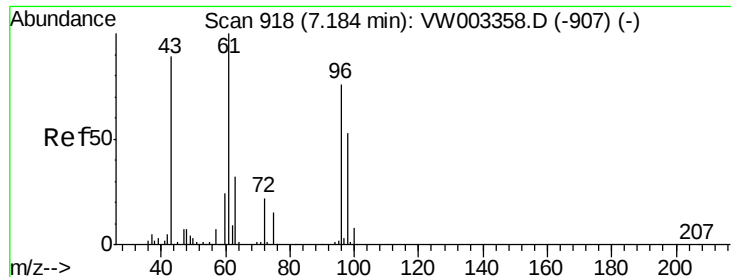
Tgt Ion: 76 Resp: 58144

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9





#21

2-Butanone

Concen: 3.060 ug/L

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

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ClientSampleId :

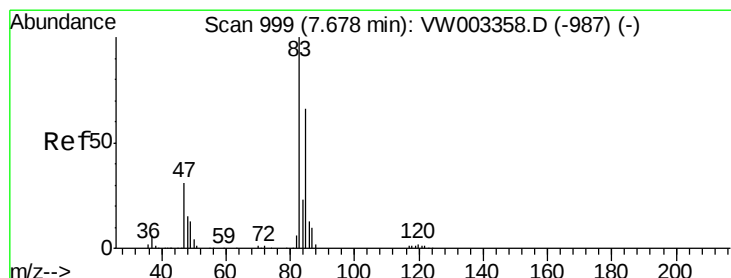
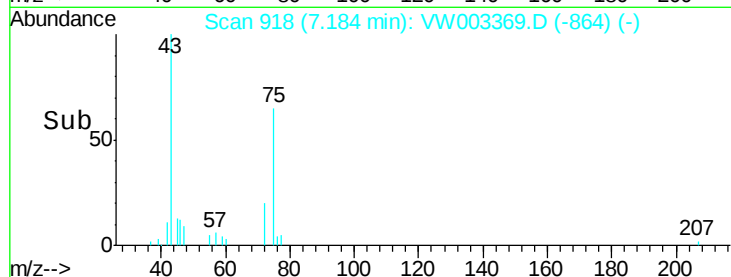
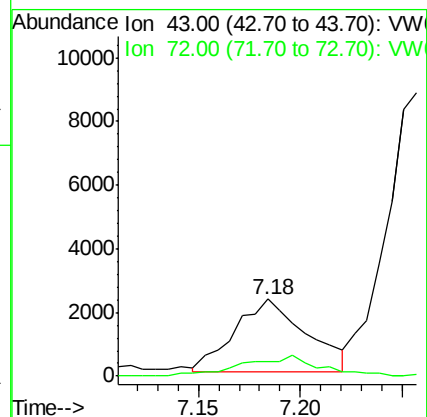
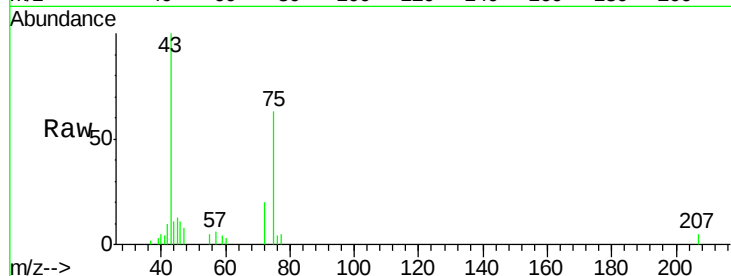
DAXR5

Tgt Ion: 43 Resp: 5510

Ion Ratio Lower Upper

43 100

72 16.7 12.5 37.5



#25

Chloroform

Concen: 3.666 ug/L

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

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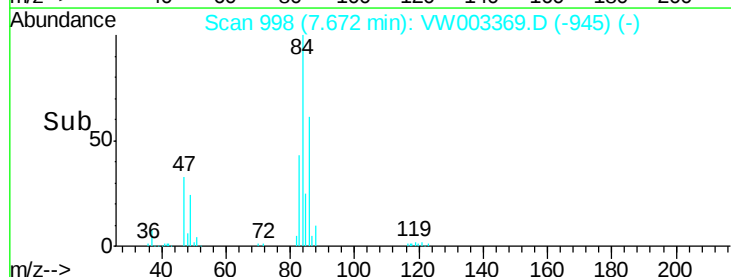
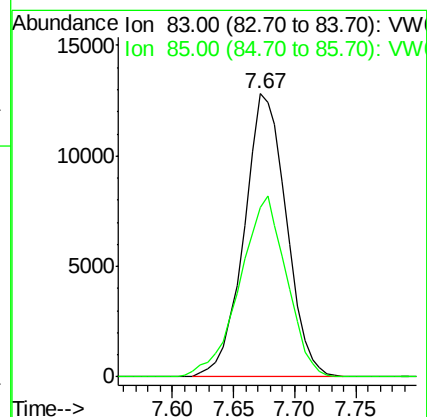
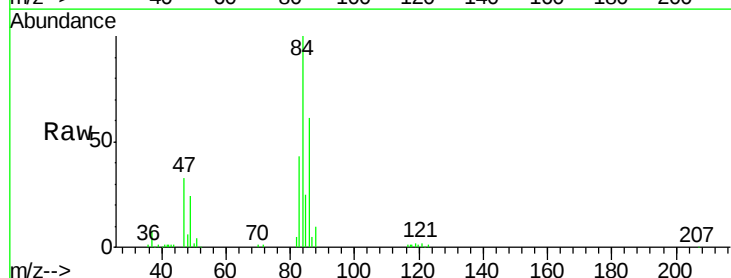
Acq: 20 Jun 2018 22:46

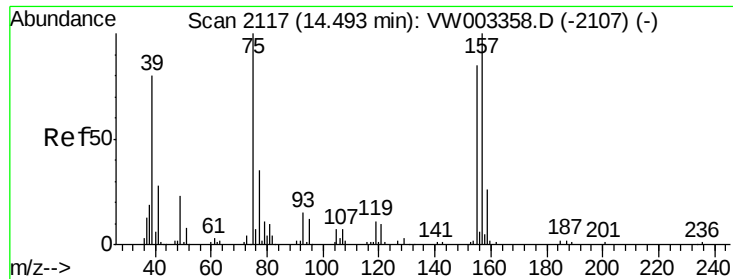
Tgt Ion: 83 Resp: 30812

Ion Ratio Lower Upper

83 100

85 70.4 46.1 85.5

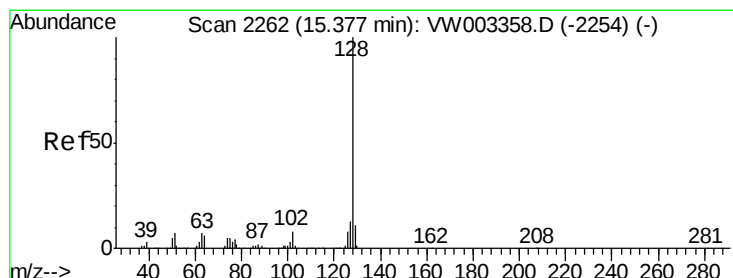
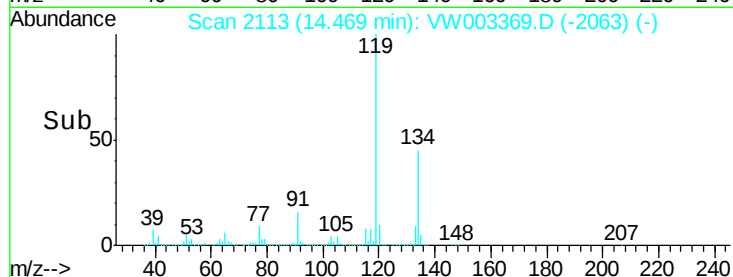
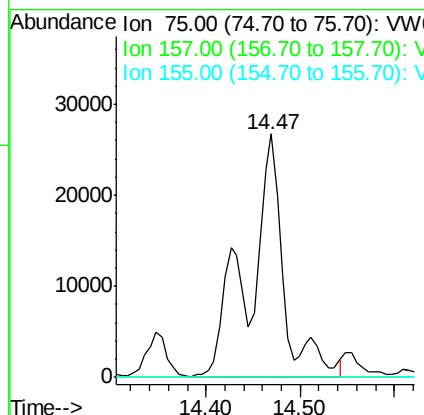
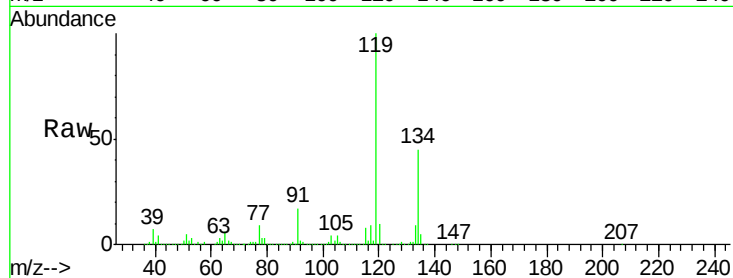




#66
 1,2-Dibromo-3-chloropropane
 Concen: 85.921 ug/L
 RT: 14.47 min Scan# 2113
 Delta R.T. -0.02 min
 Lab File: VW003369.D
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 DAXR5

Tgt Ion: 75 Resp: 68487
 Ion Ratio Lower Upper
 75 100
 157 0.0 70.7 106.1#
 155 0.0 59.0 88.6#



#69
 Naphthalene
 Concen: 51.188 ug/L
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VW003369.D
 Acq: 20 Jun 2018 22:46

Tgt Ion: 128 Resp: 576378
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 13.0
 127 13.3 10.9 16.3

