

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009592.D
 Acq On : 30 Mar 2019 16:05
 Operator : SY/VA
 Sample : K2167-07
 Misc : 6.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF108

Quant Time: Mar 30 21:20:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	448698	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	430701	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187740	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	165953	30.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.80%
7) Chloroethane-d5	2.89	69	150647	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.04%
10) 1,1-Dichloroethene-d2	4.01	63	243481	21.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.04%
20) 2-Butanone-d5	7.07	46	76684	34.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.16%
24) Chloroform-d	7.64	84	319890	26.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.48%
26) 1,2-Dichloroethane-d4	8.31	65	186658	25.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.20%
29) Benzene-d6	8.27	84	606872	25.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.20%
33) 1,2-Dichloropropane-d6	9.27	67	183085	25.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.64%
37) Toluene-d8	10.32	98	545751	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.40%
38) trans-1,3-Dichloropropene-	10.58	79	76004	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.84%
39) 2-Hexanone-d5	10.93	63	54108	31.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143445	20.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	184681	25.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.60%

Target Compounds

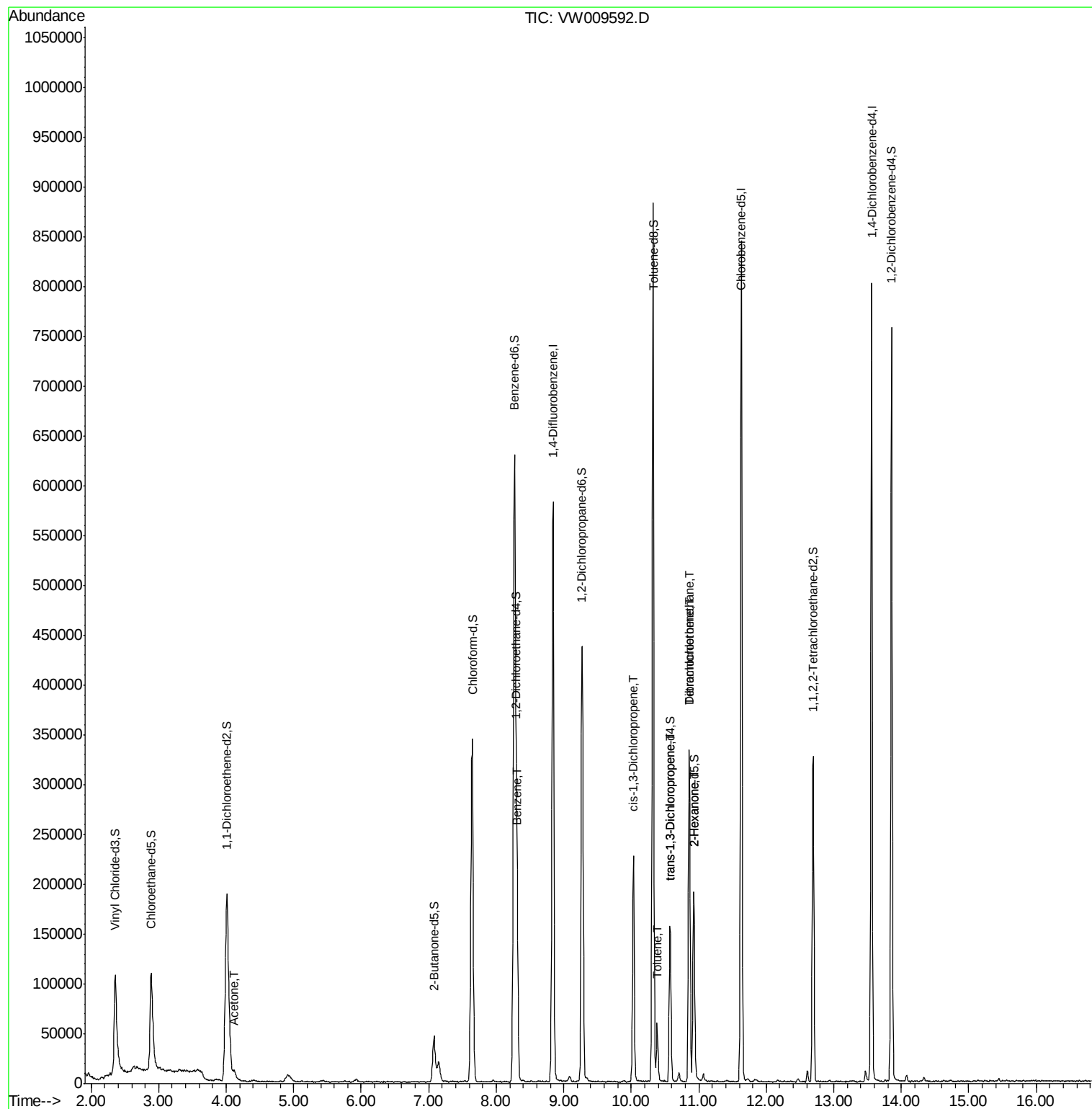
					Qvalue
13) Acetone	4.12	43	12549	6.901 ug/L	94
34) Benzene	8.32	78	9251	0.392 ug/L	100
42) cis-1,3-Dichloropropene	10.04	75	6658	0.676 ug/L	83
44) Toluene	10.39	91	40507	1.572 ug/L	92
45) trans-1,3-Dichloropropene	10.58	75	4620	0.539 ug/L	93
47) Tetrachloroethene	10.86	164	69241	13.046 ug/L	100
49) 2-Hexanone	10.93	43	10259	2.657 ug/L #	79
50) Dibromochloromethane	10.86	129	63841	10.716 ug/L #	9

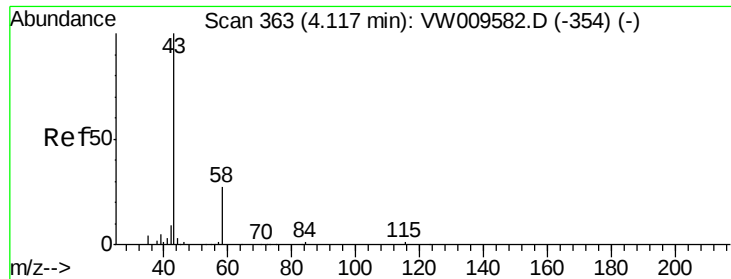
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.901 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009592.D

Acq: 30 Mar 2019 16:05

Instrument :

MSVOA_W

ClientSampleId :

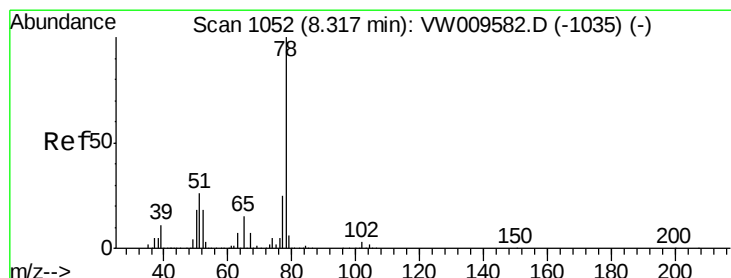
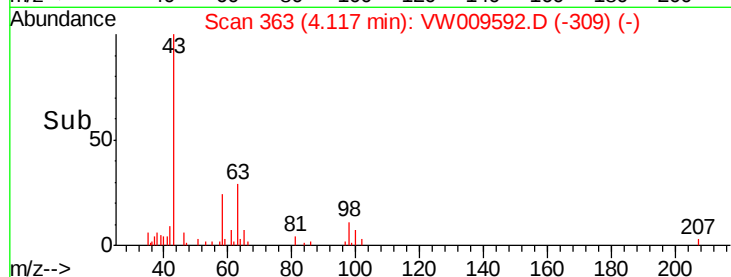
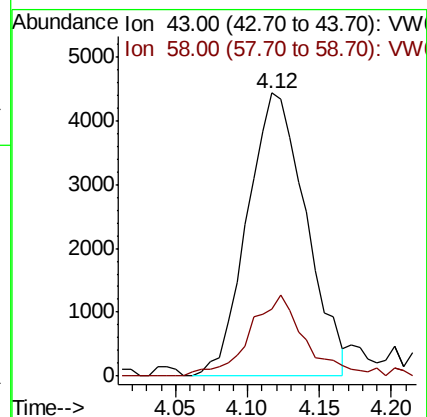
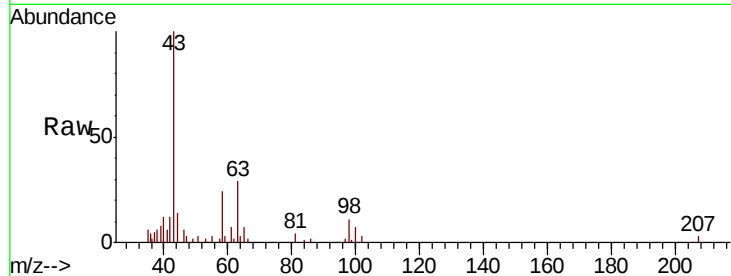
BF108

Tgt Ion: 43 Resp: 12549

Ion Ratio Lower Upper

43 100

58 24.8 0.0 56.2



#34

Benzene

Concen: 0.392 ug/L

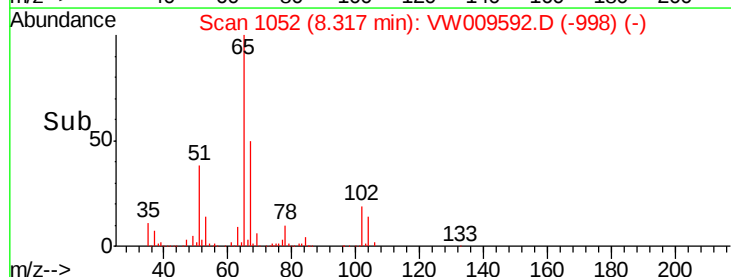
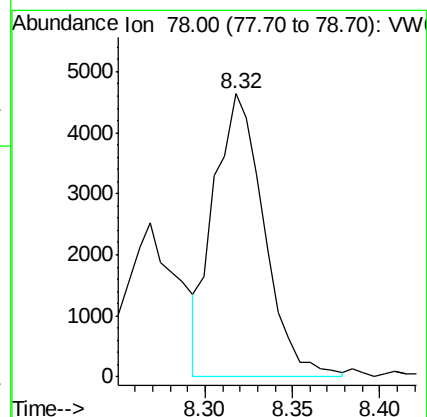
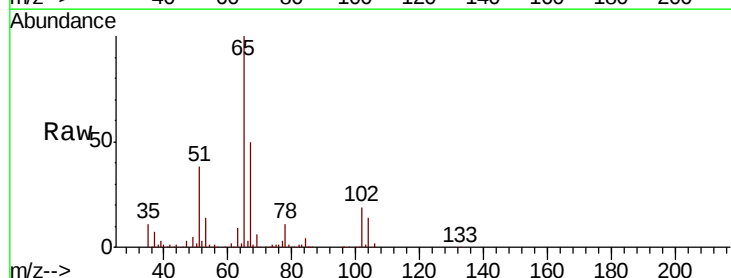
RT: 8.32 min Scan# 1052

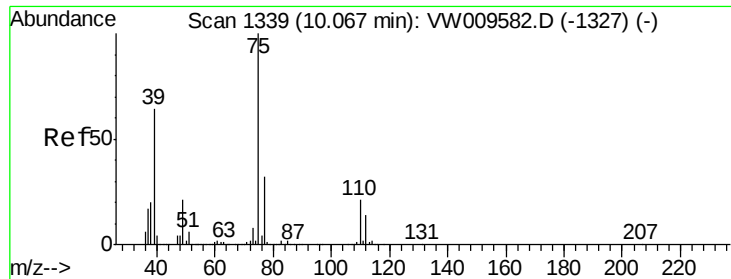
Delta R.T. 0.00 min

Lab File: VW009592.D

Acq: 30 Mar 2019 16:05

Tgt Ion: 78 Resp: 9251

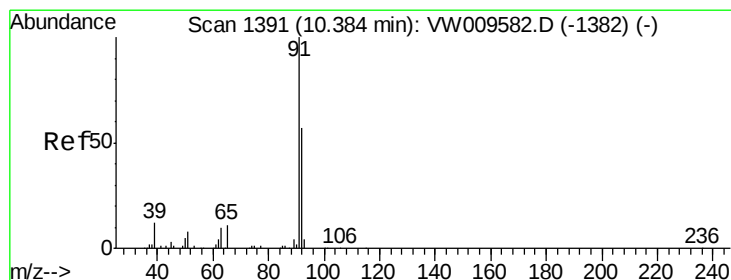
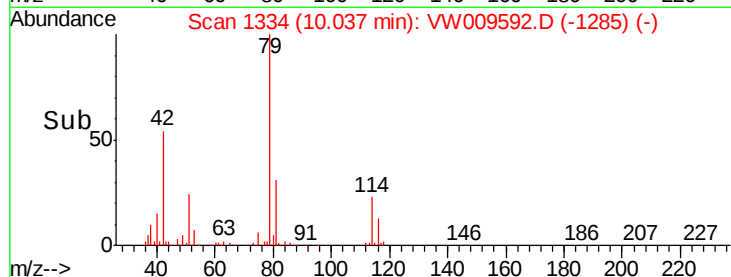
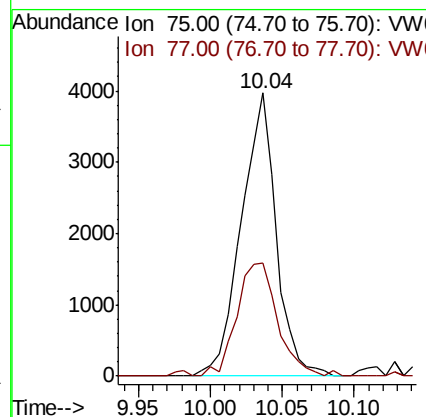
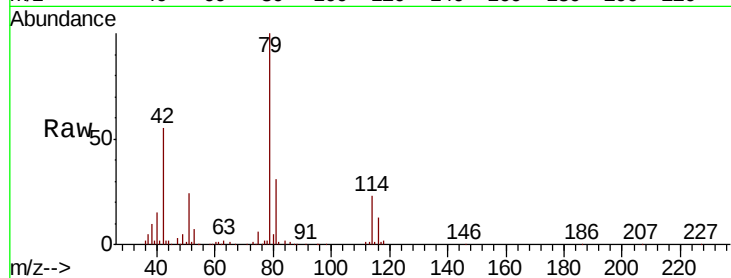




#42
 cis-1,3-Dichloropropene
 Concen: 0.676 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: VW009592.D
 Acq: 30 Mar 2019 16:05

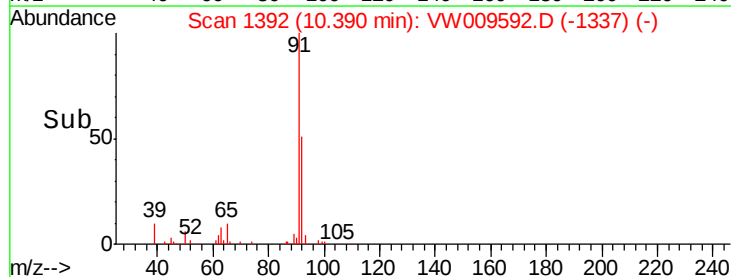
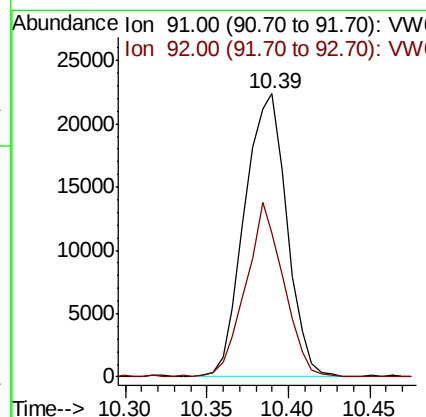
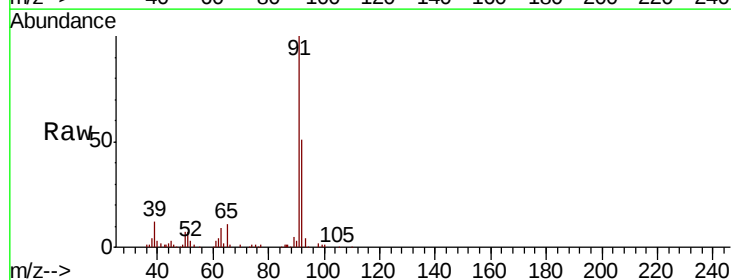
Instrument :
 MSVOA_W
 ClientSampleId :
 BF108

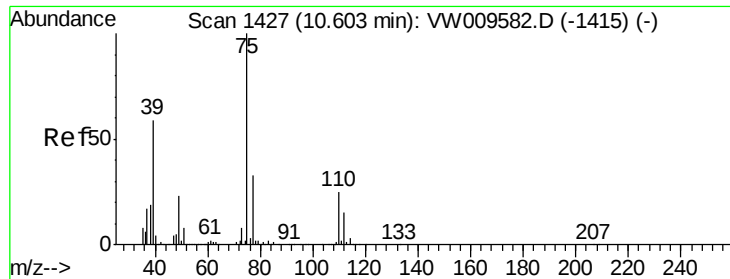
Tgt Ion: 75 Resp: 6658
 Ion Ratio Lower Upper
 75 100
 77 40.0 21.6 40.2



#44
 Toluene
 Concen: 1.572 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW009592.D
 Acq: 30 Mar 2019 16:05

Tgt Ion: 91 Resp: 40507
 Ion Ratio Lower Upper
 91 100
 92 50.9 39.8 73.8





#45

trans-1,3-Dichloropropene

Concen: 0.539 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009592.D

Acq: 30 Mar 2019 16:05

Instrument :

MSVOA_W

ClientSampleId :

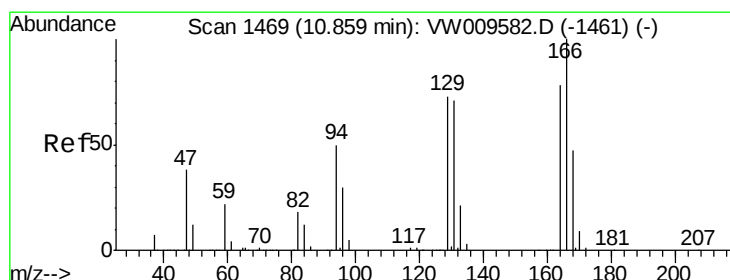
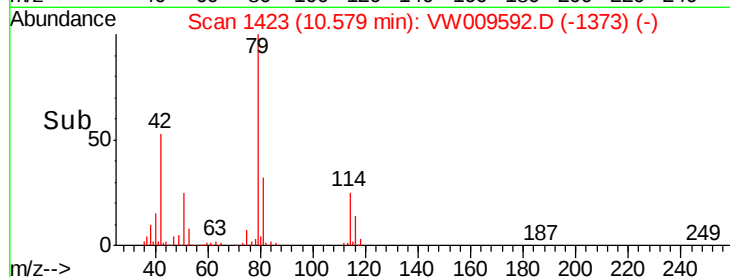
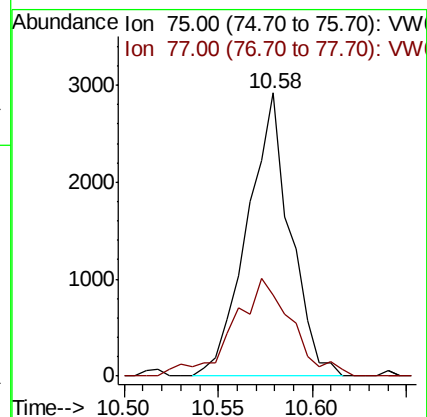
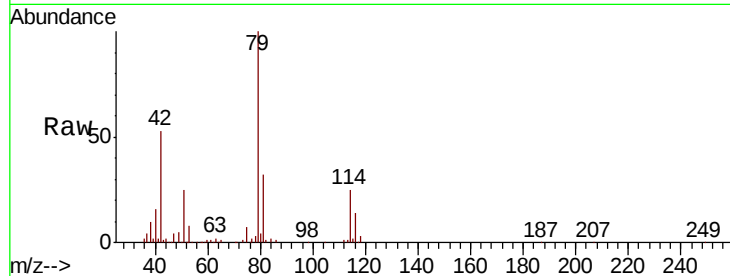
BF108

Tgt Ion: 75 Resp: 4620

Ion Ratio Lower Upper

75 100

77 28.4 22.5 41.7



#47

Tetrachloroethene

Concen: 13.046 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009592.D

Acq: 30 Mar 2019 16:05

Tgt Ion: 164 Resp: 69241

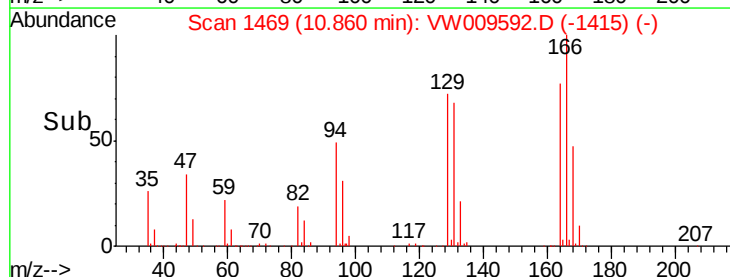
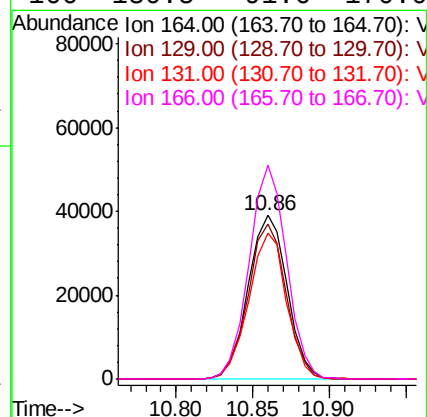
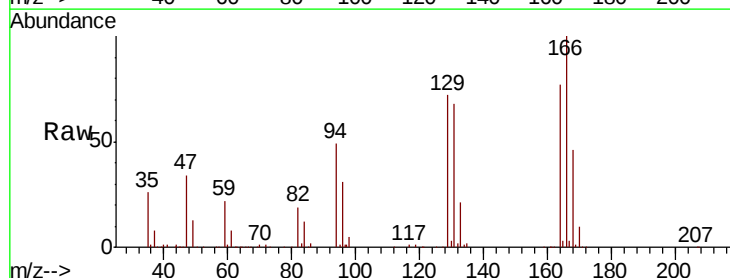
Ion Ratio Lower Upper

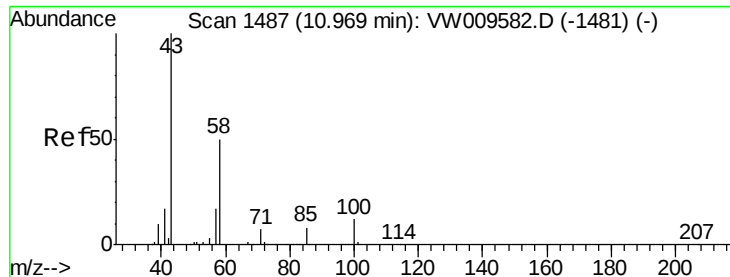
164 100

129 94.4 66.5 123.5

131 88.9 62.6 116.3

166 130.5 91.6 170.0





#49

2-Hexanone

Concen: 2.657 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009592.D

Acq: 30 Mar 2019 16:05

Instrument :

MSVOA_W

ClientSampleId :

BF108

Tgt Ion: 43 Resp: 10259

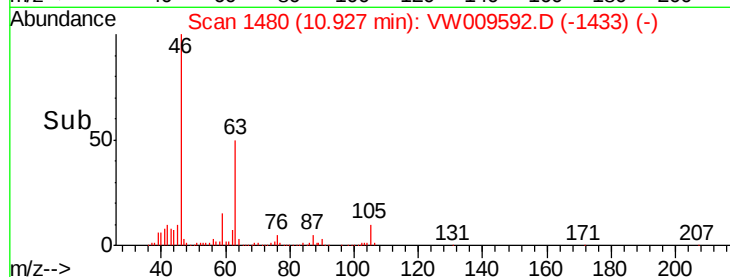
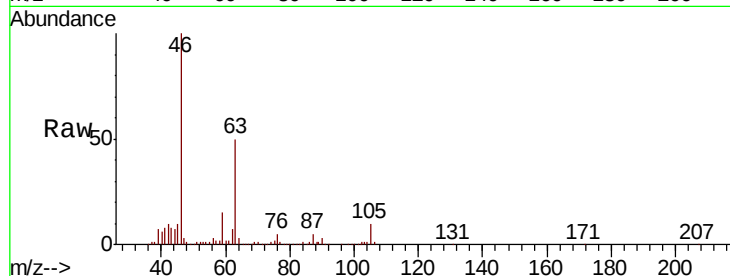
Ion Ratio Lower Upper

43 100

58 32.2 39.2 58.8#

57 21.7 14.2 21.2#

100 0.8 8.9 13.3#

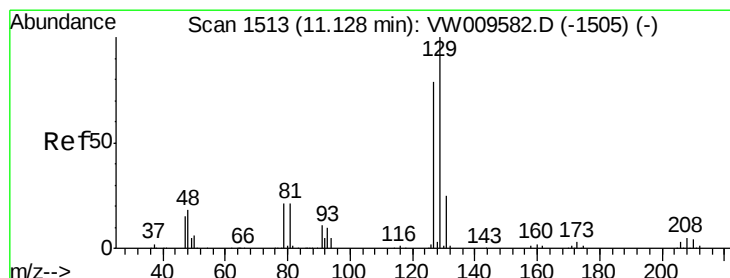
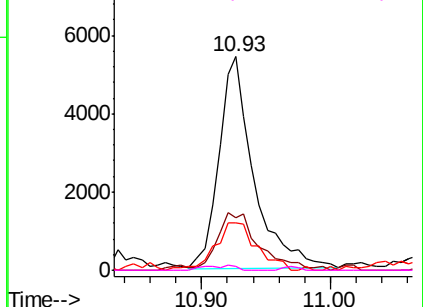


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 10.716 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009592.D

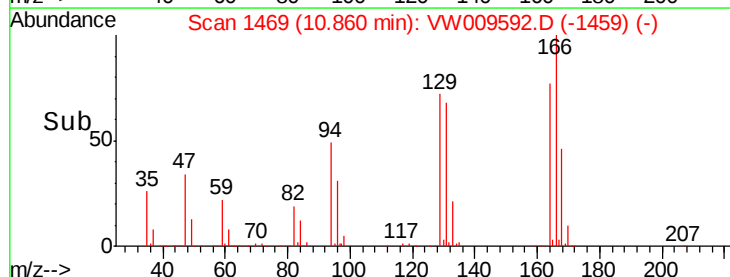
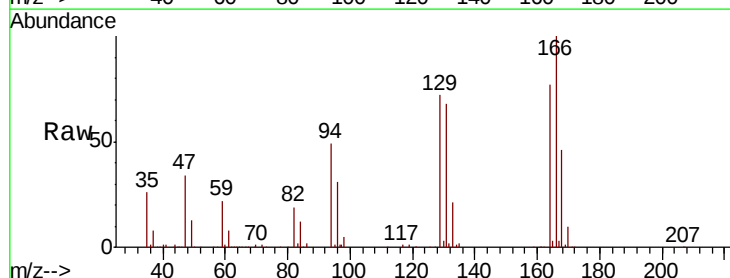
Acq: 30 Mar 2019 16:05

Tgt Ion: 129 Resp: 63841

Ion Ratio Lower Upper

129 100

127 0.4 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

