

Data File : VW009403.D
Acq On : 23 Mar 2019 21:38
Operator : SY/VA
Sample : K2062-19
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0H6

Quant Time: Mar 23 23:56:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	375077	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376464	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172259	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85048	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.88%
7) Chloroethane-d5	2.89	69	90810	17.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.28%
10) 1,1-Dichloroethene-d2	4.01	63	139110	14.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.44%
20) 2-Butanone-d5	7.08	46	88085	47.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.04%
24) Chloroform-d	7.64	84	229917	22.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	8.31	65	146564	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.08%
29) Benzene-d6	8.27	84	401242	19.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.32%
33) 1,2-Dichloropropane-d6	9.27	67	132624	21.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.08%
37) Toluene-d8	10.32	98	352761	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.52%
38) trans-1,3-Dichloropropene-	10.58	79	58088	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.20%
39) 2-Hexanone-d5	10.93	63	68164	45.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138890	22.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	144424	21.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.44%

Target Compounds

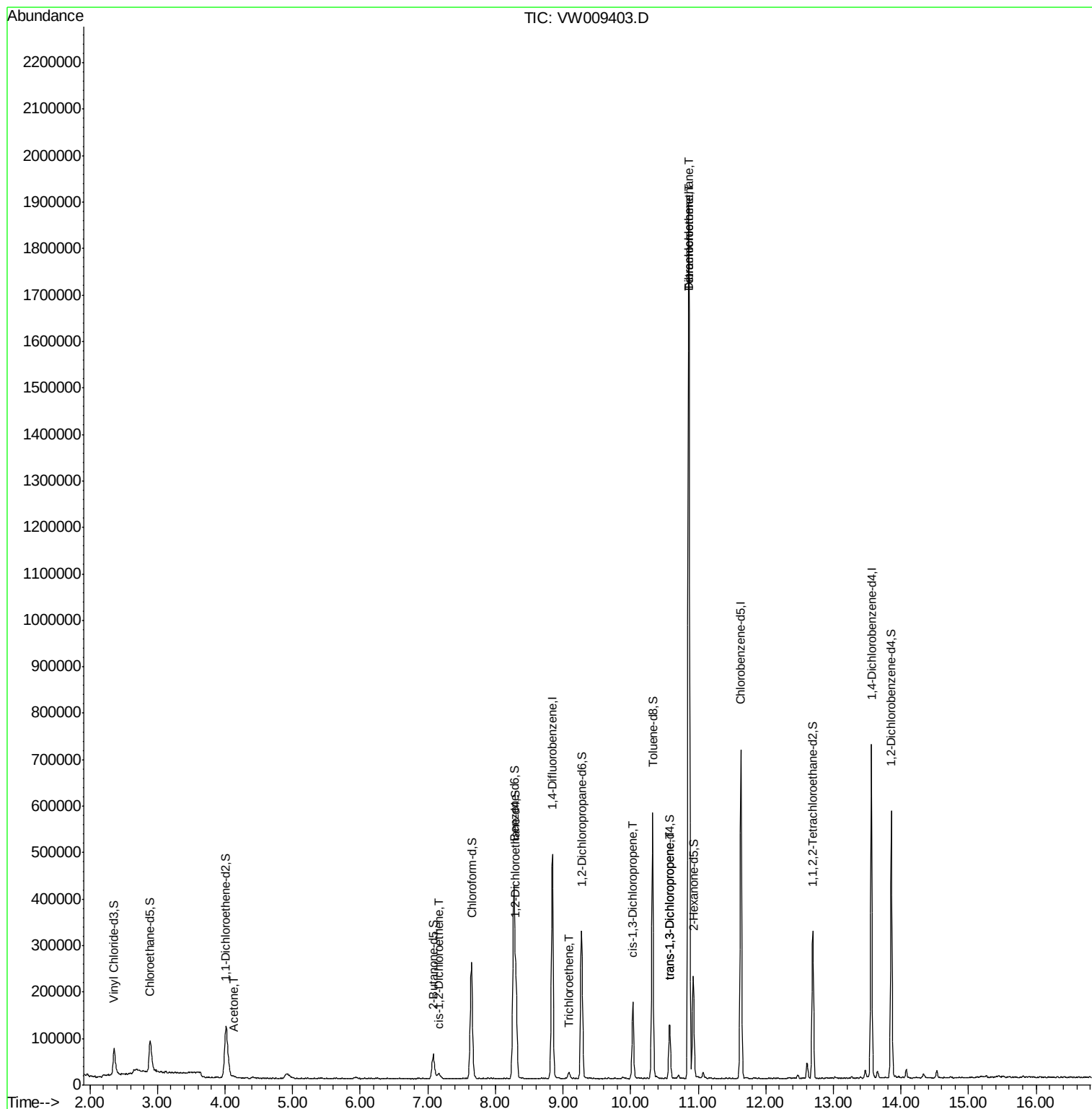
					Qvalue
13) Acetone	4.13	43	1651	1.086 ug/L	54
22) cis-1,2-Dichloroethene	7.16	96	3910	0.743 ug/L	91
35) Trichloroethene	9.09	95	4313	0.786 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	4667	0.542 ug/L #	79
45) trans-1,3-Dichloropropene	10.57	75	3044	0.406 ug/L #	82
47) Tetrachloroethene	10.86	164	379816	81.870 ug/L	99
50) Dibromochloromethane	10.86	129	354317	68.041 ug/L #	9

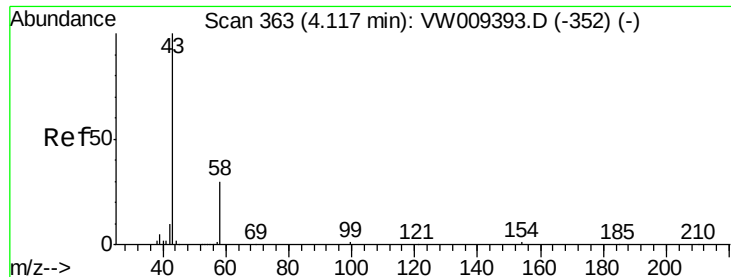
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.086 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009403.D

Acq: 23 Mar 2019 21:38

Instrument :

MSVOA_W

ClientSampled :

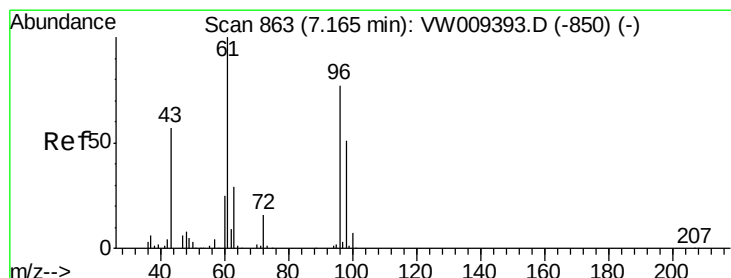
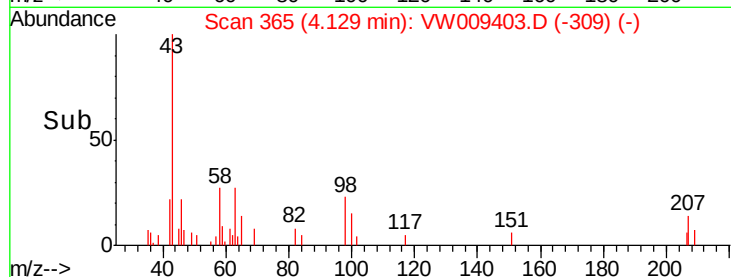
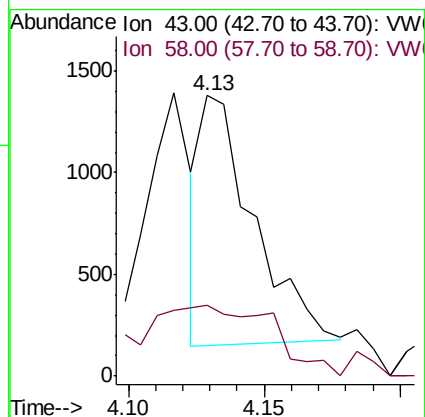
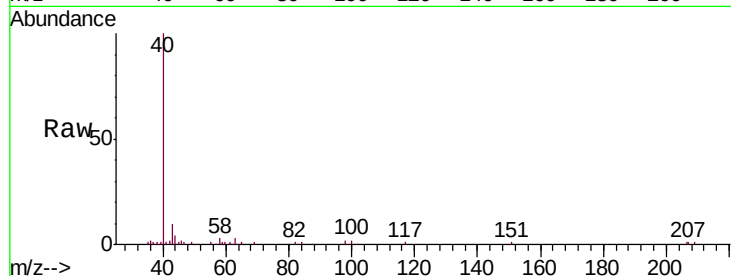
BF0H6

Tgt Ion: 43 Resp: 1651

Ion Ratio Lower Upper

43 100

58 52.5 0.0 56.2



#22

cis-1,2-Dichloroethene

Concen: 0.743 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW009403.D

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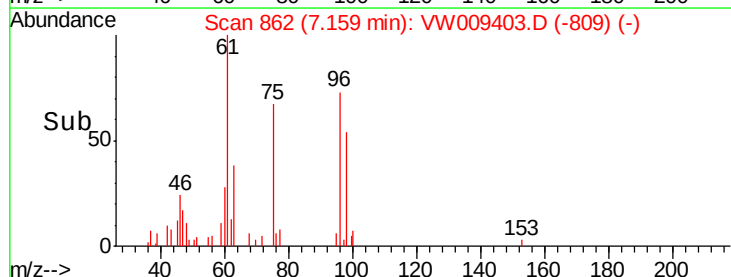
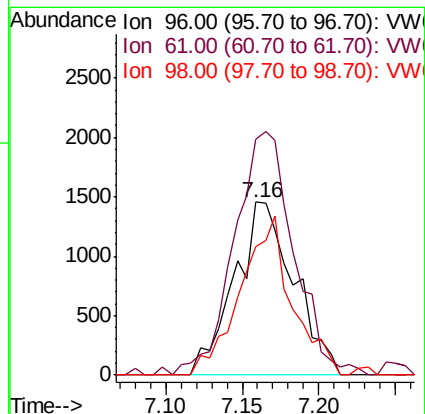
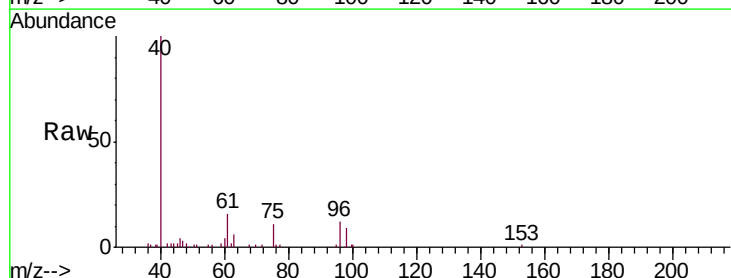
Tgt Ion: 96 Resp: 3910

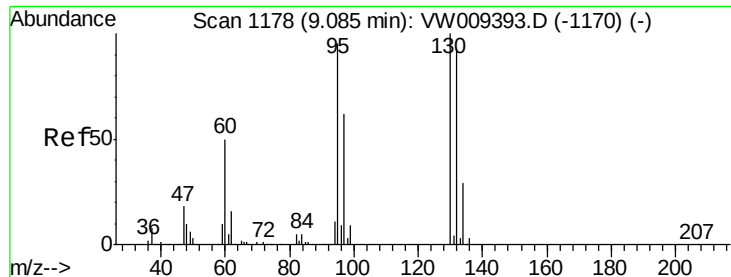
Ion Ratio Lower Upper

96 100

61 136.5 90.6 168.3

98 74.0 44.0 81.8





#35

Trichloroethene

Concen: 0.786 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009403.D

Acq: 23 Mar 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

BF0H6

Tgt Ion: 95 Resp: 4313

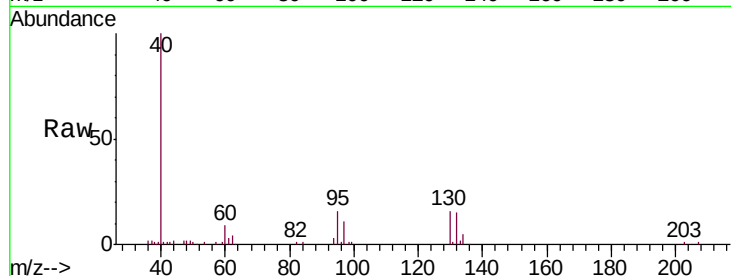
Ion Ratio Lower Upper

95 100

97 61.8 44.7 82.9

132 88.0 69.0 128.2

130 97.2 72.7 134.9

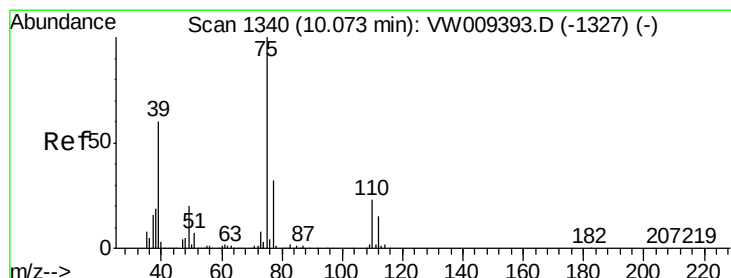
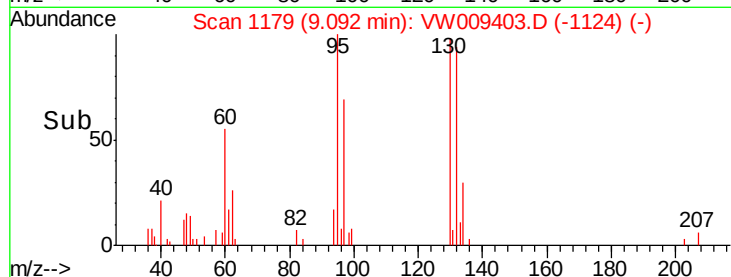
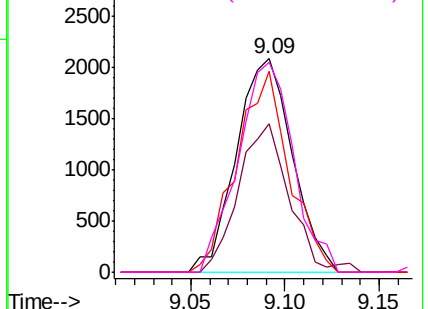


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.542 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009403.D

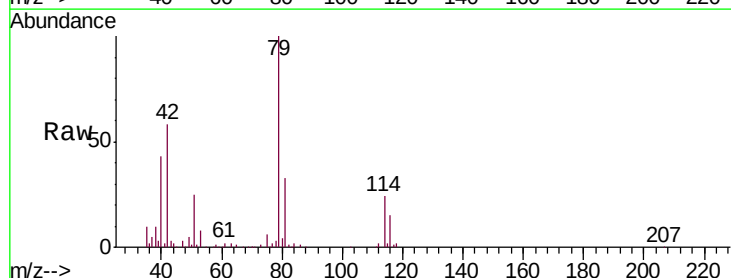
Acq: 23 Mar 2019 21:38

Tgt Ion: 75 Resp: 4667

Ion Ratio Lower Upper

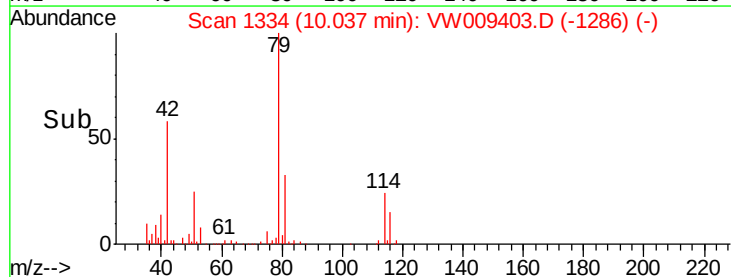
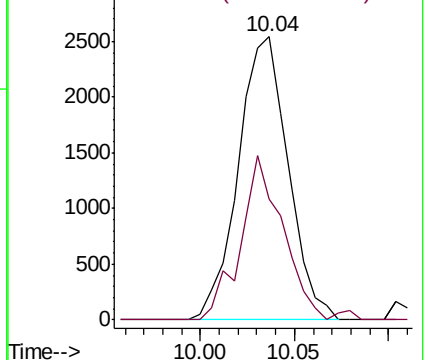
75 100

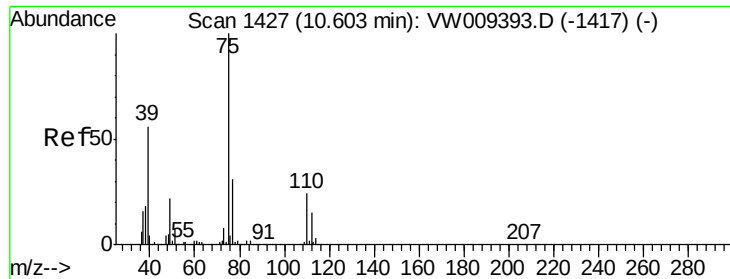
77 42.7 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.406 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009403.D

Acq: 23 Mar 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

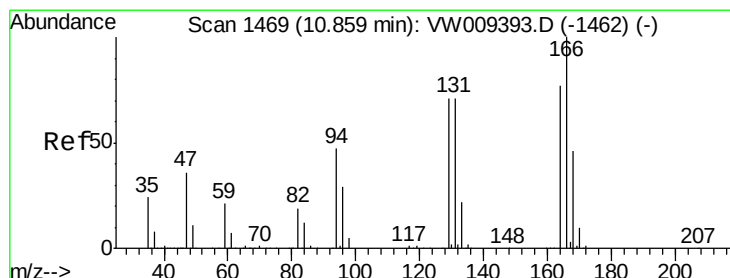
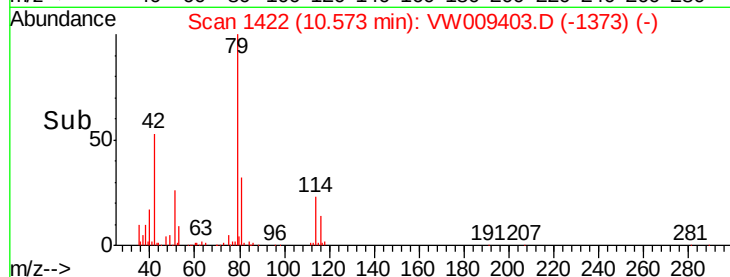
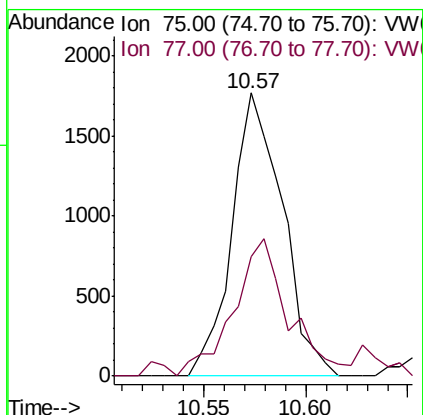
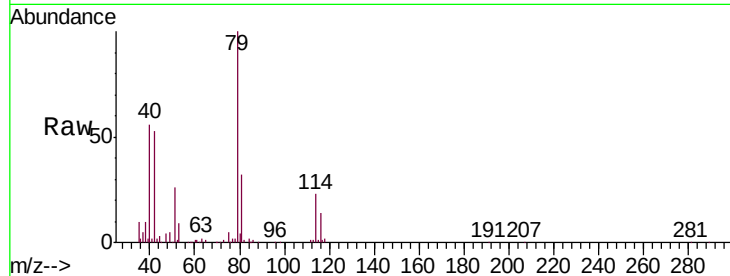
BF0H6

Tgt Ion: 75 Resp: 3044

Ion Ratio Lower Upper

75 100

77 42.1 22.5 41.7#



#47

Tetrachloroethene

Concen: 81.870 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009403.D

Acq: 23 Mar 2019 21:38

Tgt Ion: 164 Resp: 379816

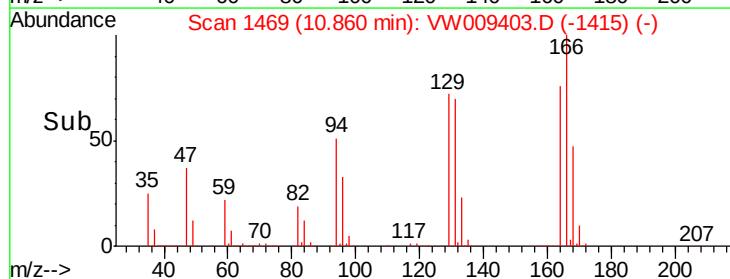
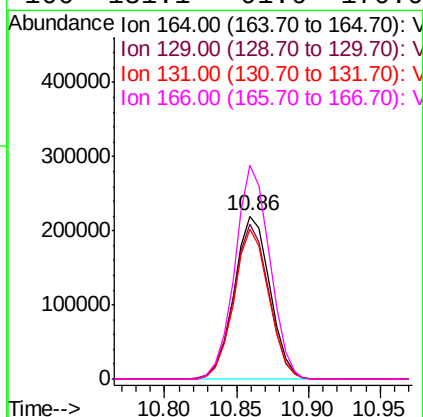
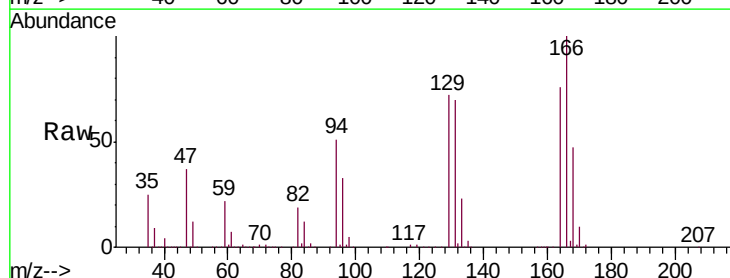
Ion Ratio Lower Upper

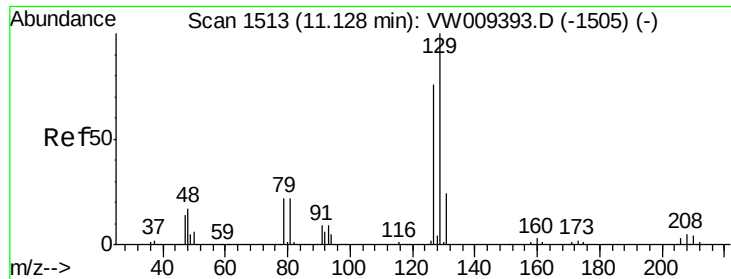
164 100

129 95.0 66.5 123.5

131 92.1 62.6 116.3

166 131.1 91.6 170.0





#50

Dibromochloromethane

Concen: 68.041 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009403.D

Acq: 23 Mar 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

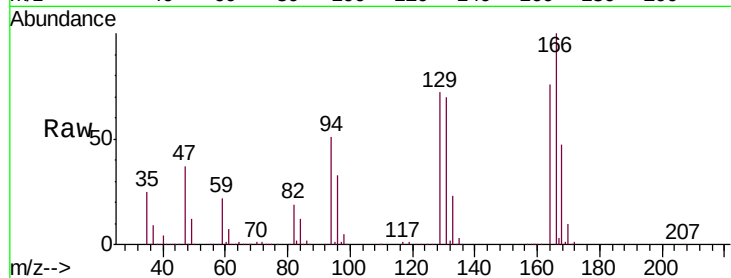
BF0H6

Tgt Ion:129 Resp: 354317

Ion Ratio Lower Upper

129 100

127 0.0 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

