

Data File : VW009224.D
Acq On : 18 Mar 2019 12:30
Operator : SY/VA
Sample : K1949-08
Misc : 6.47G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0Y9

Quant Time: Mar 18 12:53:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 11:10:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	366033	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354106	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164849	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113163	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.48%
7) Chloroethane-d5	2.90	69	105113	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.16%
10) 1,1-Dichloroethene-d2	4.01	63	171929	18.19	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.76%
20) 2-Butanone-d5	7.08	46	69489	38.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.82%
24) Chloroform-d	7.65	84	226504	22.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	8.21	65	71	0.01	ug/L	-0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	435384	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	9.27	67	131041	22.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.36%
37) Toluene-d8	10.32	98	386547	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	10.58	79	58258	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.12%
39) 2-Hexanone-d5	10.93	63	54930	38.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117912	20.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	150246	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds

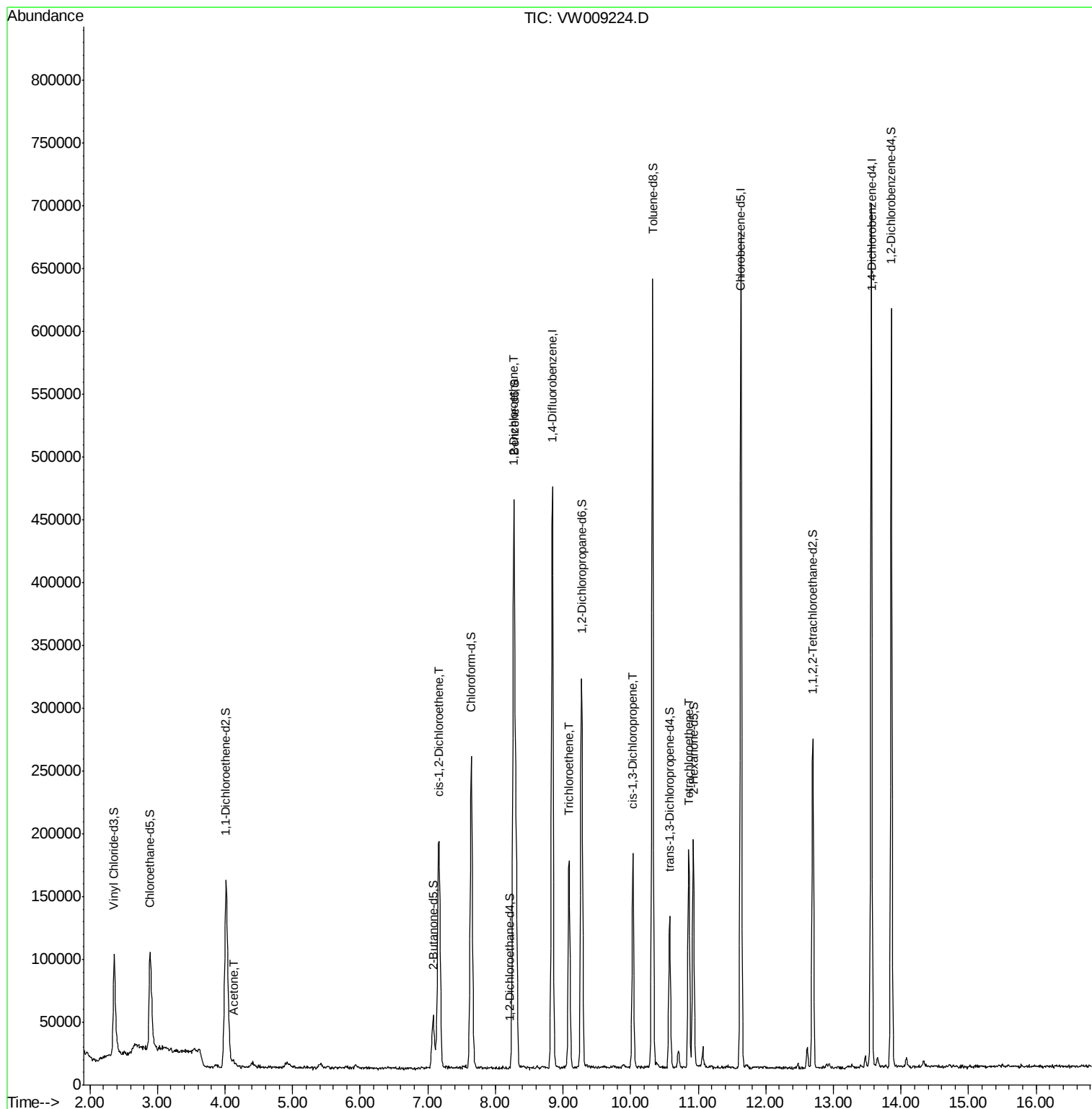
					Qvalue
13) Acetone	4.12	43	6130	4.132 ug/L	79
22) cis-1,2-Dichloroethene	7.17	96	100487	19.574 ug/L	95
27) 1,2-Dichloroethane	8.26	62	3033	0.450 ug/L	97
35) Trichloroethene	9.09	95	52148	10.097 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	4614	0.570 ug/L #	53
47) Tetrachloroethene	10.86	164	36022	8.255 ug/L	97

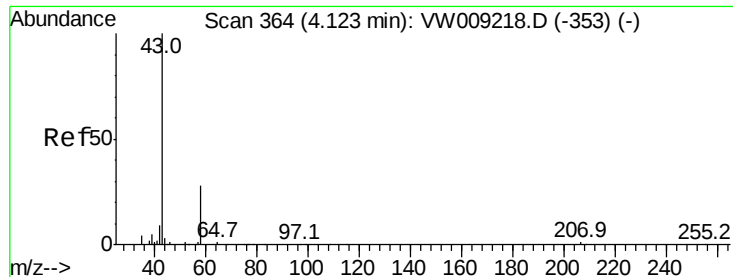
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.132 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 18 Mar 2019 12:30

Instrument :

MSVOA_W

ClientSampleId :

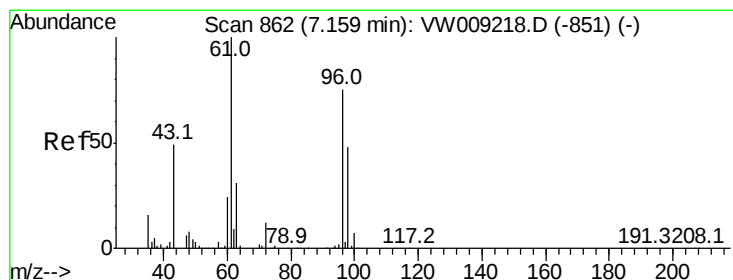
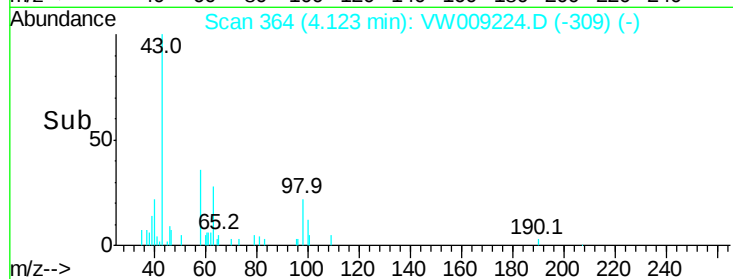
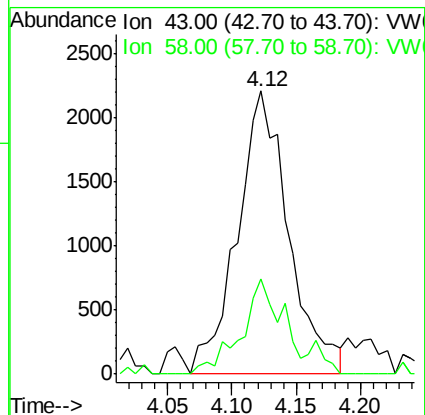
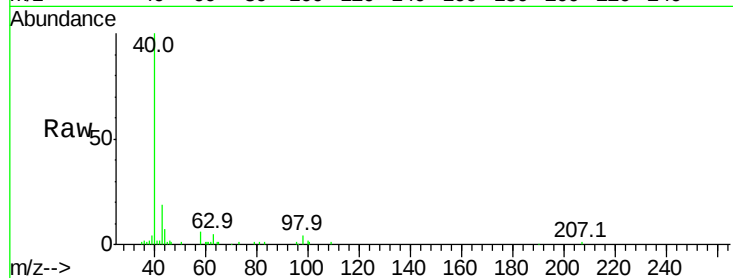
BF0Y9

Tgt Ion: 43 Resp: 6130

Ion Ratio Lower Upper

43 100

58 17.0 0.0 56.2



#22

cis-1,2-Dichloroethene

Concen: 19.574 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009224.D

Acq: 18 Mar 2019 12:30

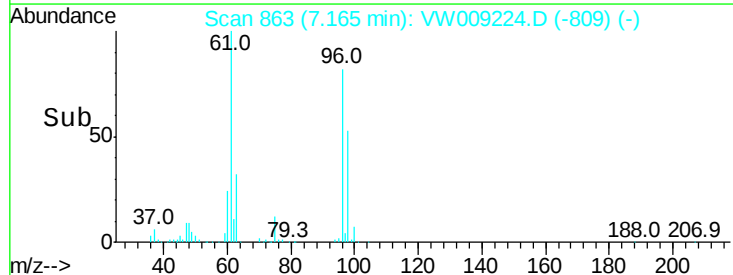
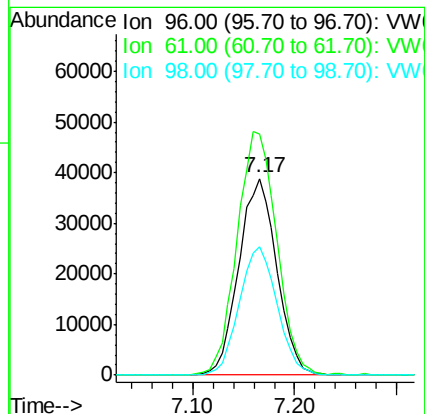
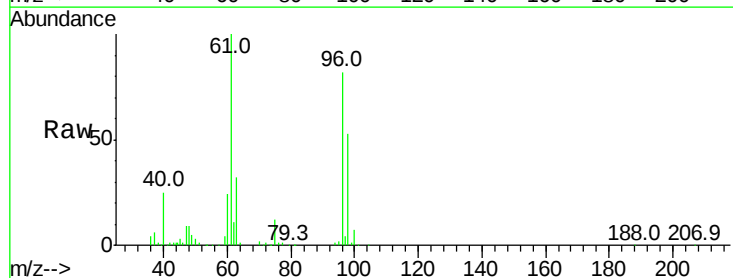
Tgt Ion: 96 Resp: 100487

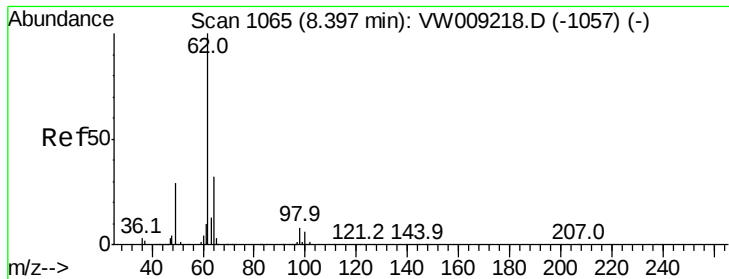
Ion Ratio Lower Upper

96 100

61 122.6 90.6 168.3

98 65.2 44.0 81.8

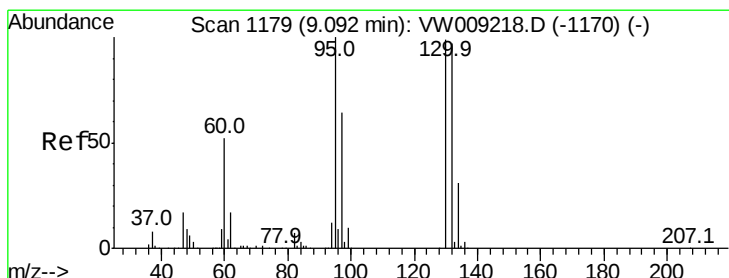
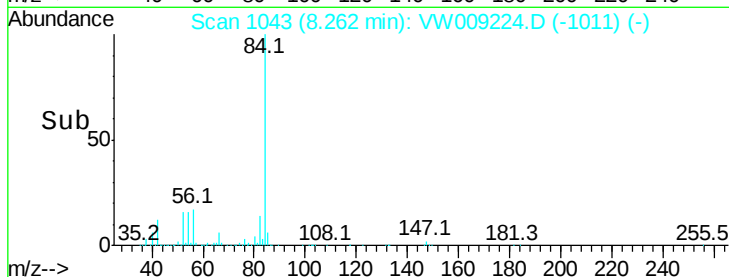
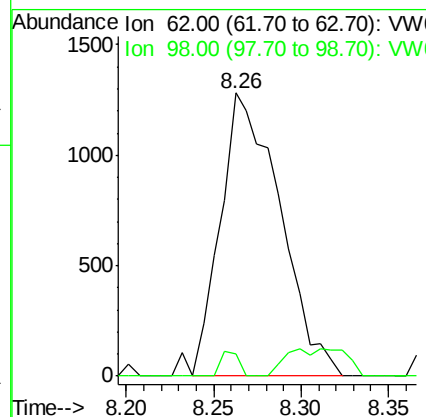
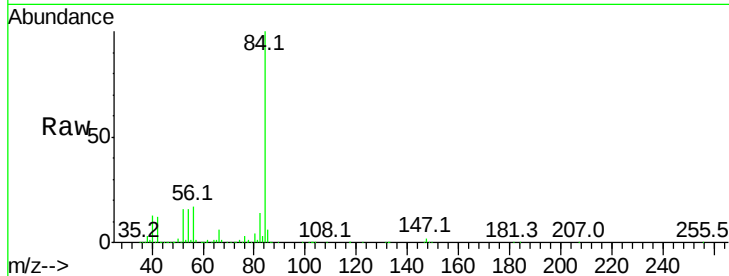




#27
 1,2-Dichloroethane
 Concen: 0.450 ug/L
 RT: 8.26 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW009224.D
 Acq: 18 Mar 2019 12:30

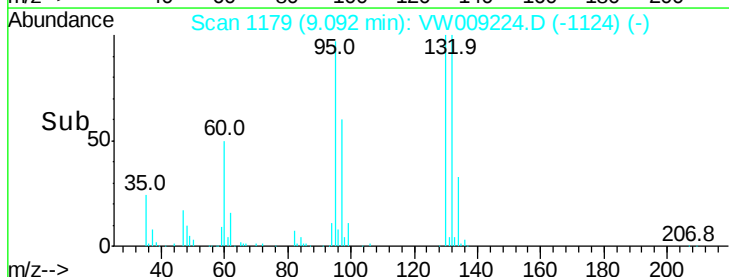
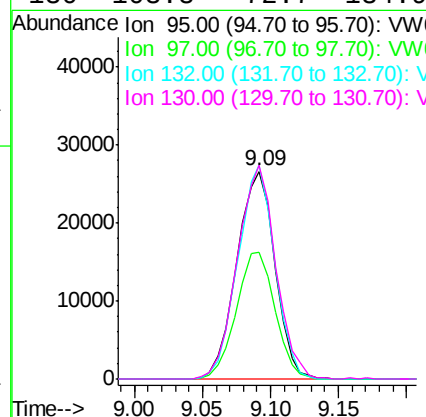
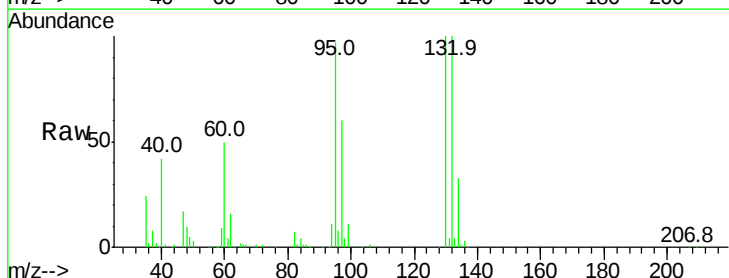
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 MSVOA_W
 ClientSampled :
 BF0Y9

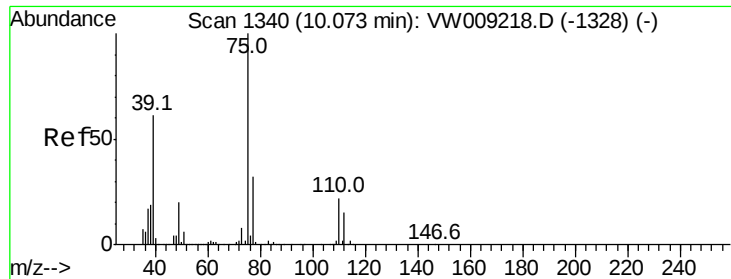
Tgt Ion: 62 Resp: 3033
 Ion Ratio Lower Upper
 62 100
 98 8.0 7.3 10.9



#35
 Trichloroethene
 Concen: 10.097 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009224.D
 Acq: 18 Mar 2019 12:30

Tgt Ion: 95 Resp: 52148
 Ion Ratio Lower Upper
 95 100
 97 62.2 44.7 82.9
 132 99.8 69.0 128.2
 130 103.8 72.7 134.9





#42

cis-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009224.D

Acq: 18 Mar 2019 12:30

Instrument :

MSVOA_W

ClientSampleId :

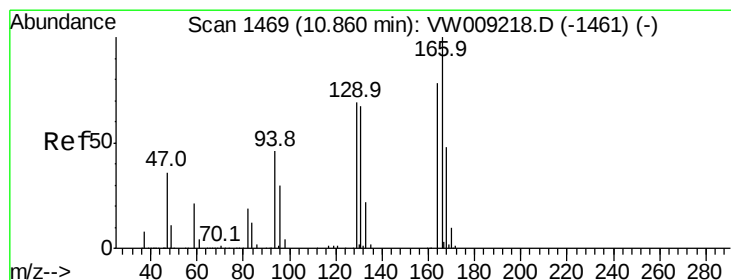
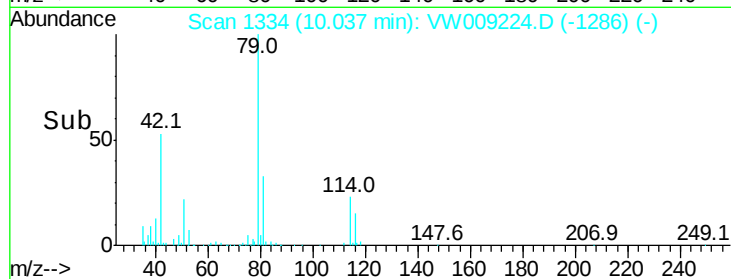
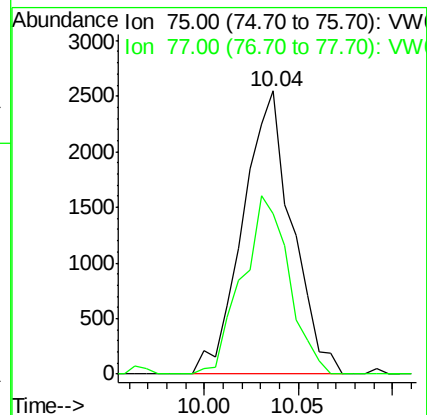
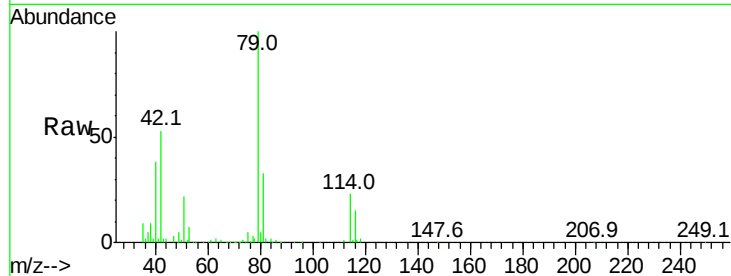
BF0Y9

Tgt Ion: 75 Resp: 4614

Ion Ratio Lower Upper

75 100

77 56.9 21.6 40.2#



#47

Tetrachloroethene

Concen: 8.255 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009224.D

Acq: 18 Mar 2019 12:30

Tgt Ion: 164 Resp: 36022

Ion Ratio Lower Upper

164 100

129 90.1 66.5 123.5

131 88.4 62.6 116.3

166 128.1 91.6 170.0

