

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009739.D
 Acq On : 05 Apr 2019 18:13
 Operator : SY/VA
 Sample : K2277-06
 Misc : 5.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF168

Quant Time: Apr 06 03:56:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 03:51:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	419337	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	388942	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175579	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	148767	27.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.44%
7) Chloroethane-d5	2.89	69	140512	27.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.80%
10) 1,1-Dichloroethene-d2	4.01	63	260641	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.36%
20) 2-Butanone-d5	7.08	46	123636	69.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.78%#
24) Chloroform-d	7.64	84	320687	28.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.12%
26) 1,2-Dichloroethane-d4	8.31	65	203877	29.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.08%
29) Benzene-d6	8.27	84	616274	30.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.72%
33) 1,2-Dichloropropane-d6	9.27	67	187735	29.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.08%
37) Toluene-d8	10.32	98	552684	29.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.12%
38) trans-1,3-Dichloropropene-	10.58	79	85495	28.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.72%
39) 2-Hexanone-d5	10.93	63	91114	76.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	177335	30.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	191851	31.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	124.56%#

Target Compounds

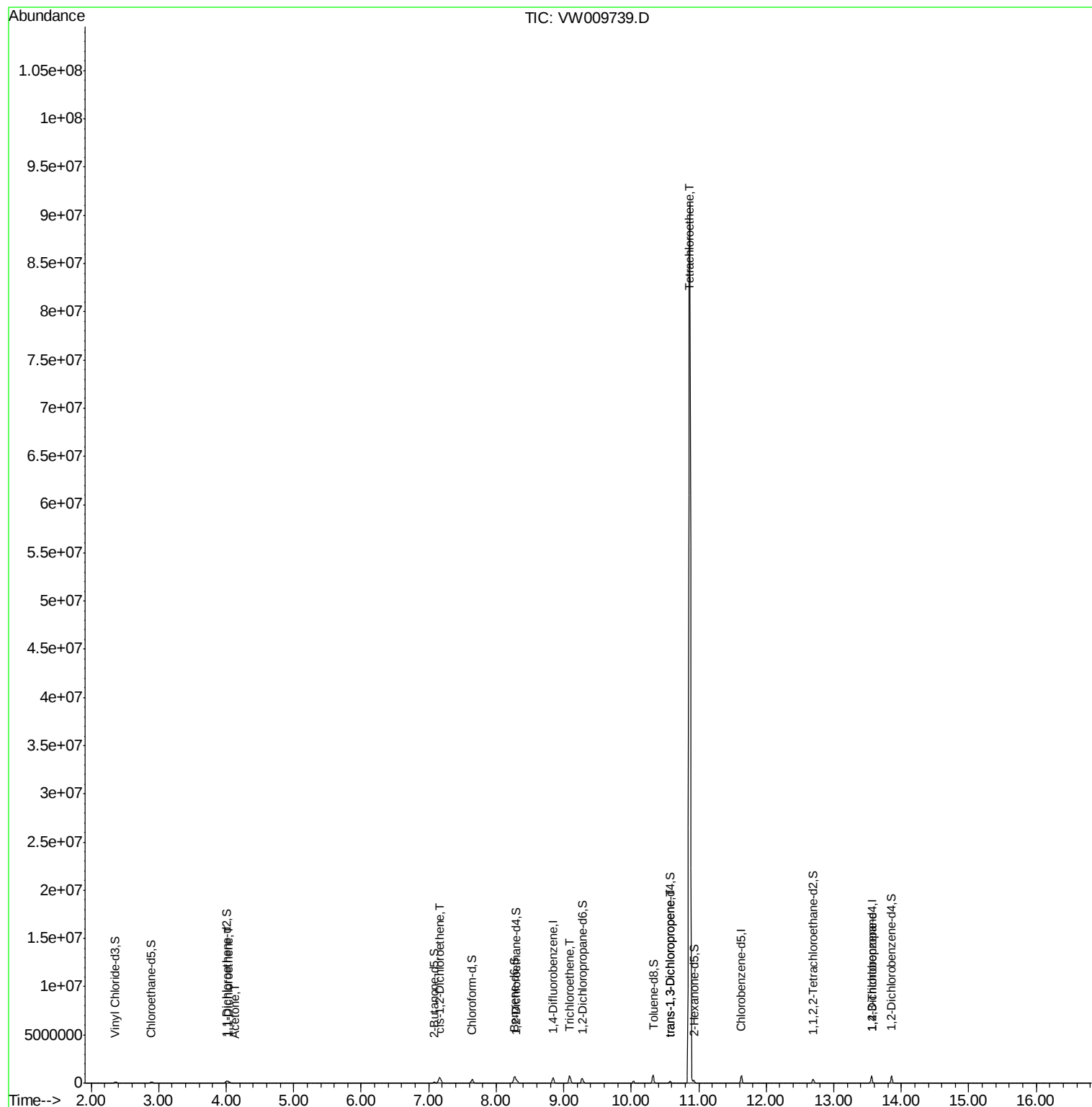
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	10703	1.922	ug/L	# 1
13) Acetone	4.13	43	3461	1.813	ug/L	75
22) cis-1,2-Dichloroethene	7.17	96	299649	48.369	ug/L	98
35) Trichloroethene	9.09	95	242020	39.519	ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	4450	0.556	ug/L	97
47) Tetrachloroethene	10.86	164	17235267	3573.358	ug/L	87
59) 1,2,3-Trichloropropane	13.56	75	24559	5.457	ug/L	90

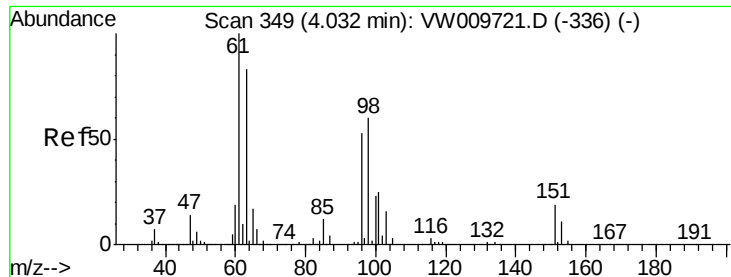
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 06 03:51:49 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.922 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW009739.D

Acq: 05 Apr 2019 18:13

Instrument :

MSVOA_W

ClientSampleId :

BF168

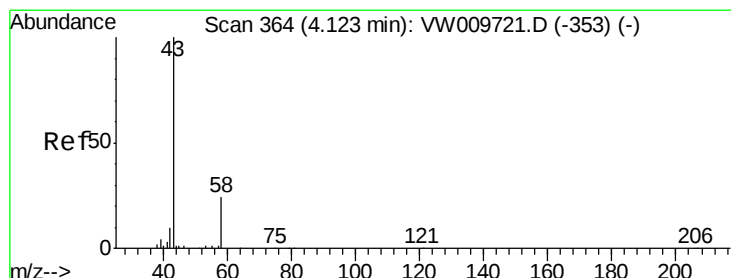
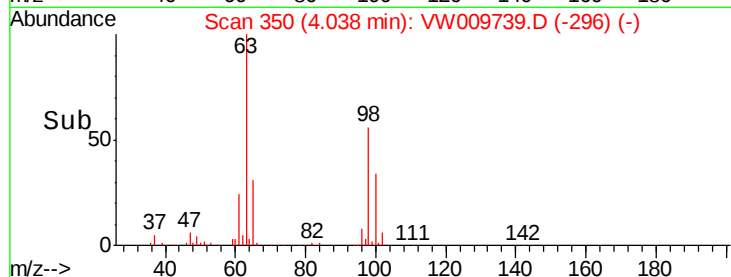
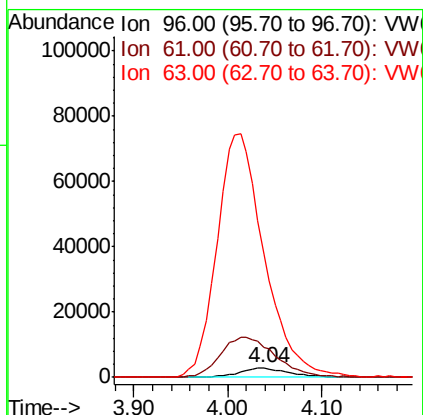
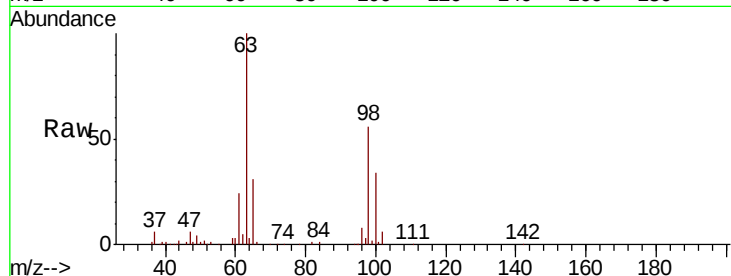
Tgt Ion: 96 Resp: 10703

Ion Ratio Lower Upper

96 100

61 302.8 138.8 257.8#

63 1236.9 114.6 212.8#



#13

Acetone

Concen: 1.813 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009739.D

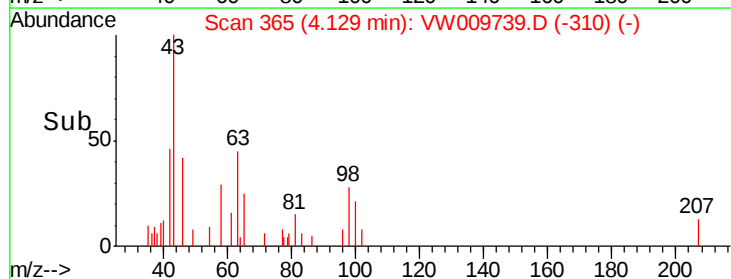
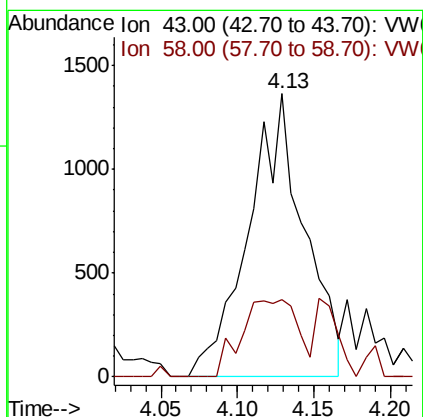
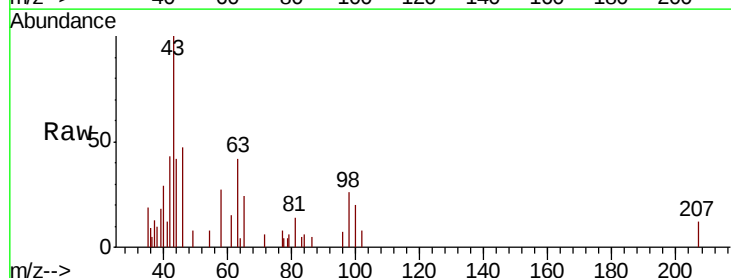
Acq: 05 Apr 2019 18:13

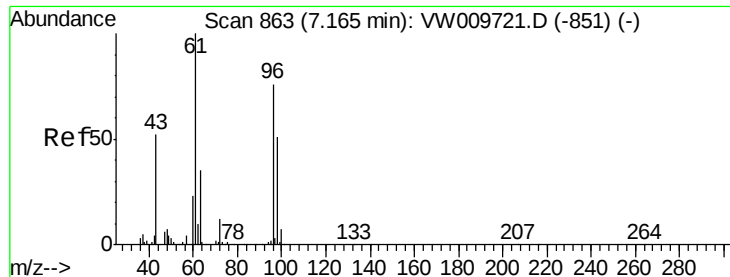
Tgt Ion: 43 Resp: 3461

Ion Ratio Lower Upper

43 100

58 13.8 0.0 53.0



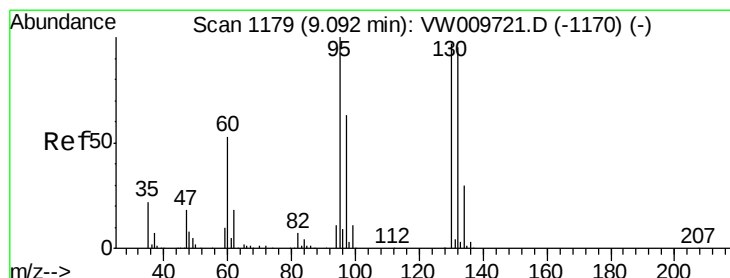
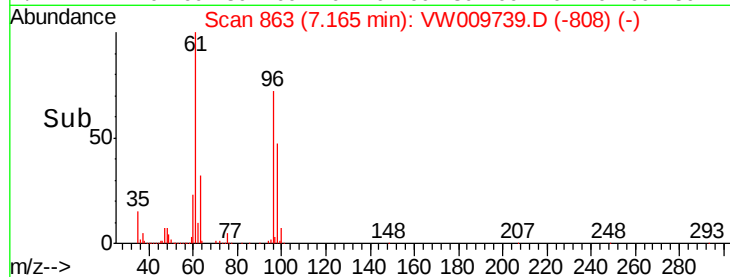
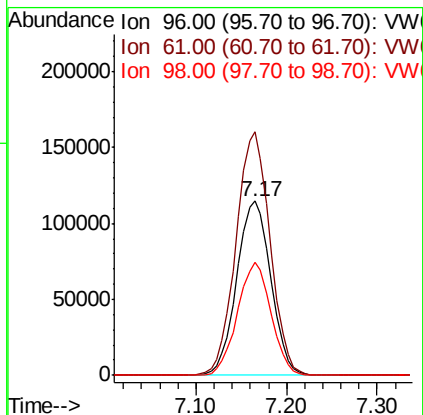
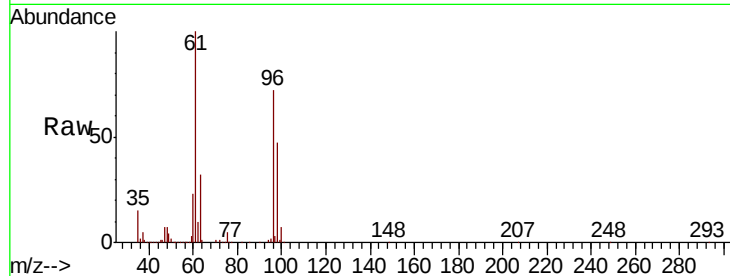


#22

cis-1,2-Dichloroethene
 Concen: 48.369 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW009739.D
 Acq: 05 Apr 2019 18:13

Instrument :
 MSVOA_W
 ClientSampleId :
 BF168

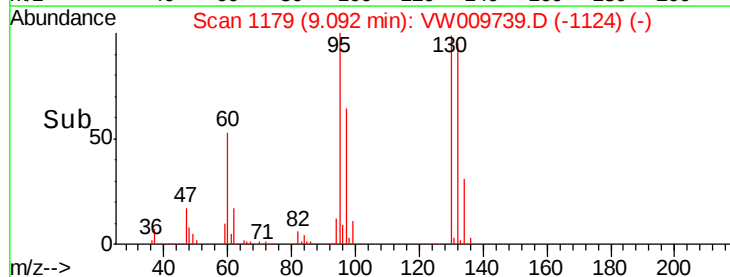
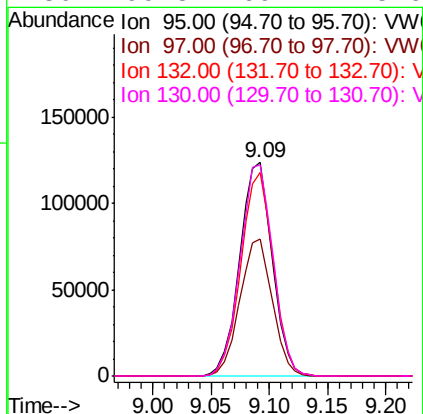
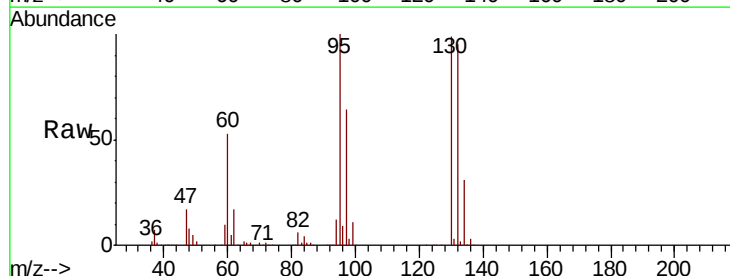
Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.7	96.8	179.8
98	65.0	43.5	80.9

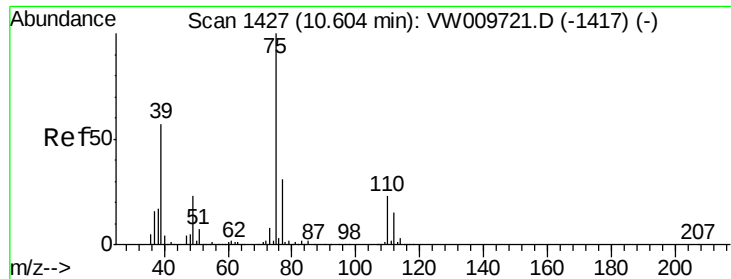


#35

Trichloroethene
 Concen: 39.519 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009739.D
 Acq: 05 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.9	83.5
132	94.8	67.1	124.7
130	99.8	69.2	128.6





#45

trans-1,3-Dichloropropene

Concen: 0.556 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009739.D

Acq: 05 Apr 2019 18:13

Instrument :

MSVOA_W

ClientSampleId :

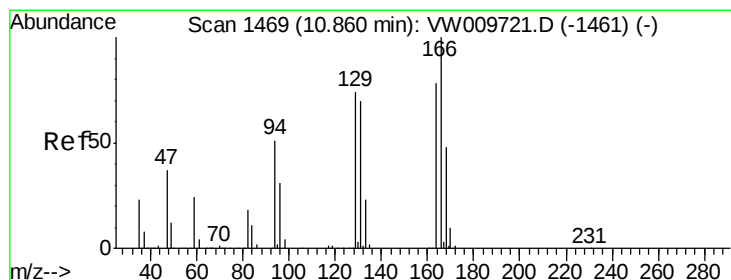
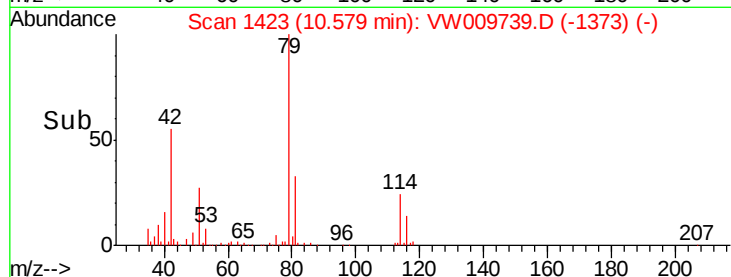
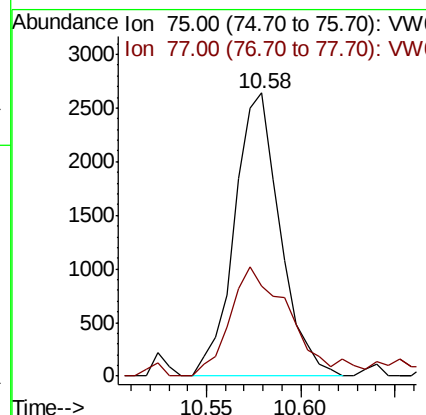
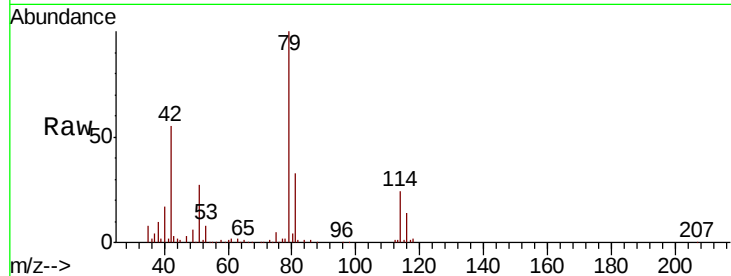
BF168

Tgt Ion: 75 Resp: 4450

Ion Ratio Lower Upper

75 100

77 31.8 21.1 39.3



#47

Tetrachloroethene

Concen: 3573.358 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009739.D

Acq: 05 Apr 2019 18:13

Tgt Ion: 164 Resp: 17235267

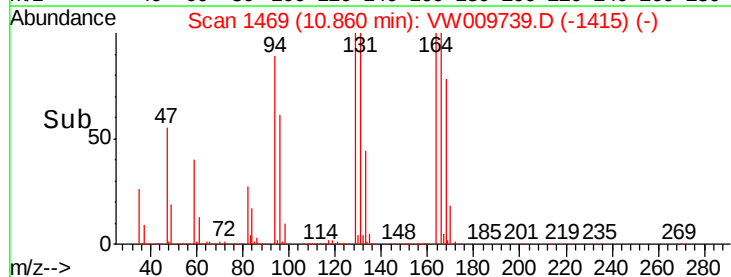
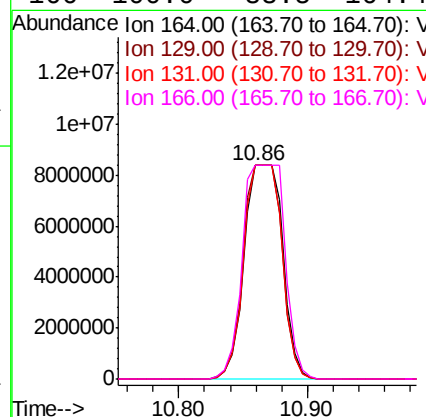
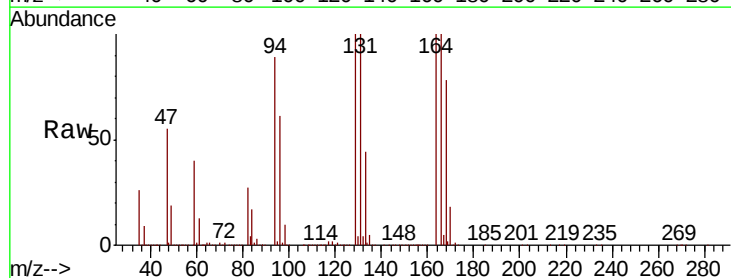
Ion Ratio Lower Upper

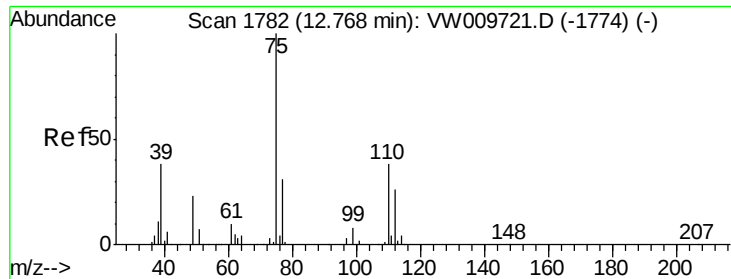
164 100

129 100.0 68.9 127.9

131 100.0 63.1 117.1

166 100.0 88.5 164.4





#59

1,2,3-Trichloropropane

Concen: 5.457 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009739.D

Acq: 05 Apr 2019 18:13

Instrument :

MSVOA_W

ClientSampleId :

BF168

Tgt Ion: 75 Resp: 24559

Ion Ratio Lower Upper

75 100

77 38.4 26.2 39.2

