

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009593.D
 Acq On : 30 Mar 2019 16:33
 Operator : SY/VA
 Sample : K2167-08
 Misc : 5.65G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF109

Quant Time: Mar 30 21:20:41 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	454184	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	428663	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195178	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	158385	29.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.72%
7) Chloroethane-d5	2.89	69	142118	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
10) 1,1-Dichloroethene-d2	4.01	63	257128	21.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.68%
20) 2-Butanone-d5	7.08	46	90326	40.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.48%
24) Chloroform-d	7.64	84	306168	24.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	8.30	65	188756	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	8.27	84	580193	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	9.27	67	177123	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.80%
37) Toluene-d8	10.32	98	524105	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.92%
38) trans-1,3-Dichloropropene-	10.58	79	79202	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.84%
39) 2-Hexanone-d5	10.93	63	66946	38.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153701	21.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	189802	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

Target Compounds

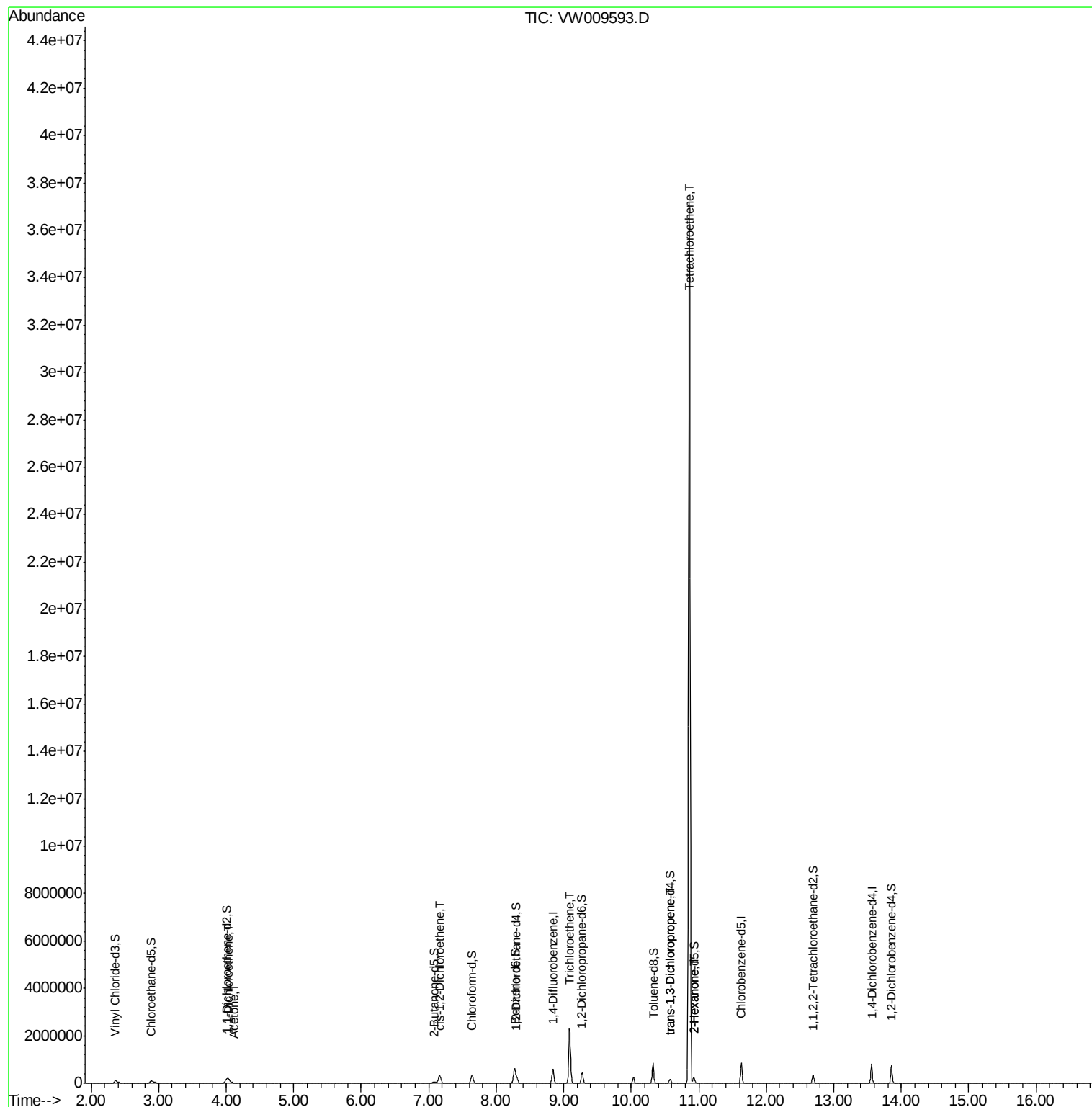
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	44728	7.997	ug/L #	34
13) Acetone	4.12	43	1755	0.953	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	170009	26.689	ug/L	98
35) Trichloroethene	9.09	95	712822	114.017	ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	4516	0.529	ug/L	91
47) Tetrachloroethene	10.86	164	6857736	1298.193	ug/L	95
49) 2-Hexanone	10.93	43	11581	3.014	ug/L #	75

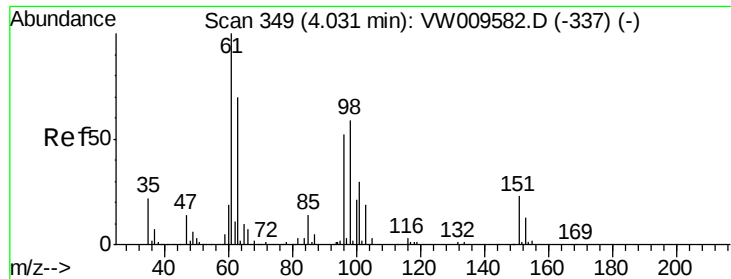
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 21:16:55 2019
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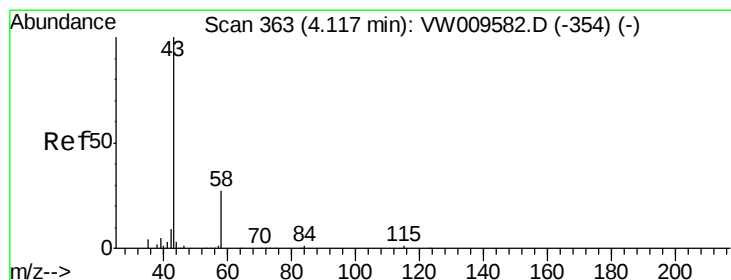
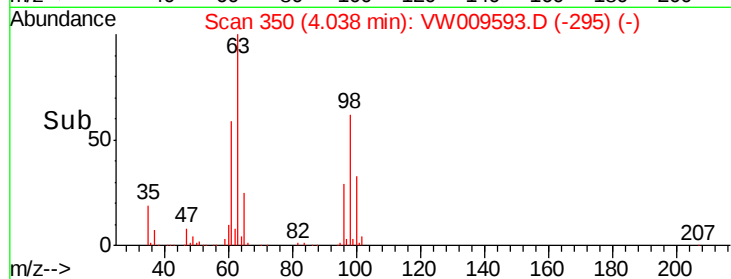
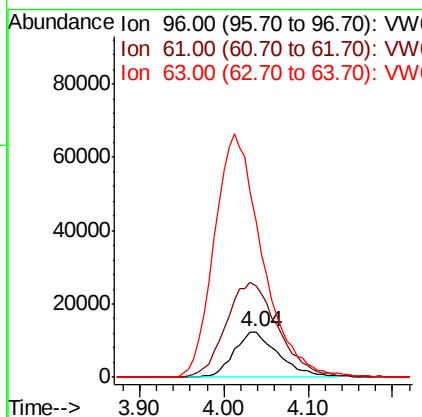
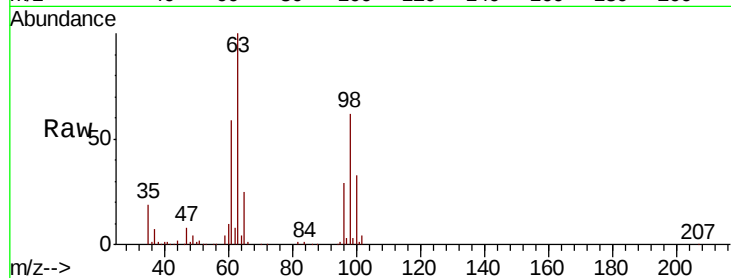




#12
 1,1-Dichloroethene
 Concen: 7.997 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW009593.D
 Acq: 30 Mar 2019 16:33

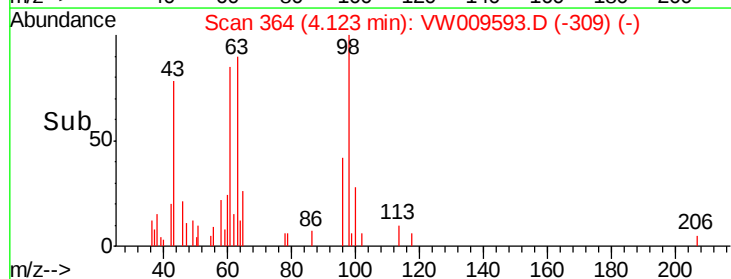
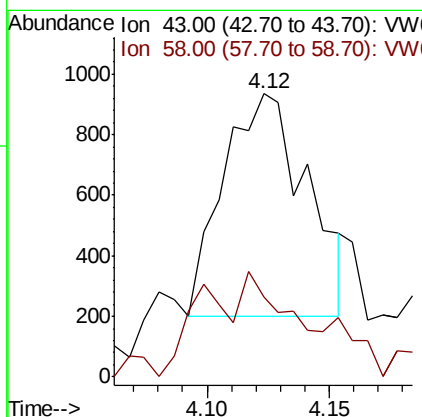
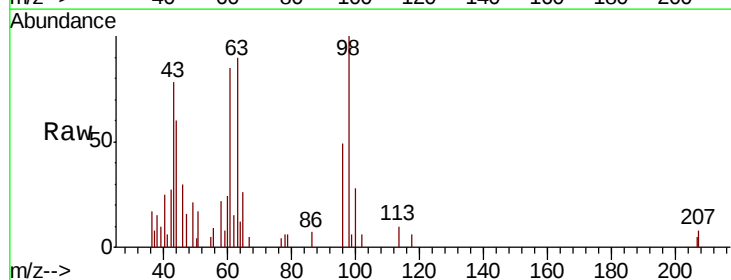
Instrument :
 MSVOA_W
 ClientSampleID :
 BF109

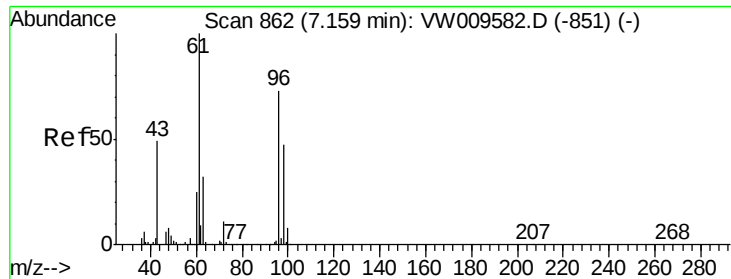
Tgt Ion: 96 Resp: 44728
 Ion Ratio Lower Upper
 96 100
 61 198.8 129.4 240.2
 63 339.7 116.8 217.0#



#13
 Acetone
 Concen: 0.953 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW009593.D
 Acq: 30 Mar 2019 16:33

Tgt Ion: 43 Resp: 1755
 Ion Ratio Lower Upper
 43 100
 58 28.0 0.0 56.2



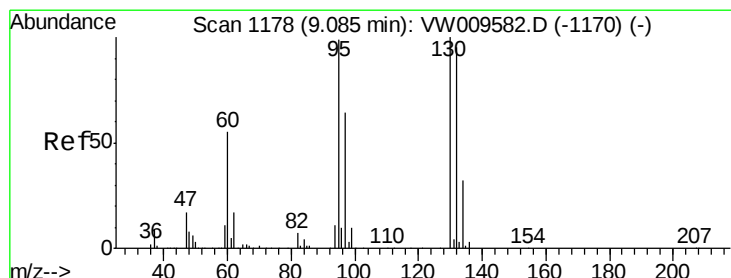
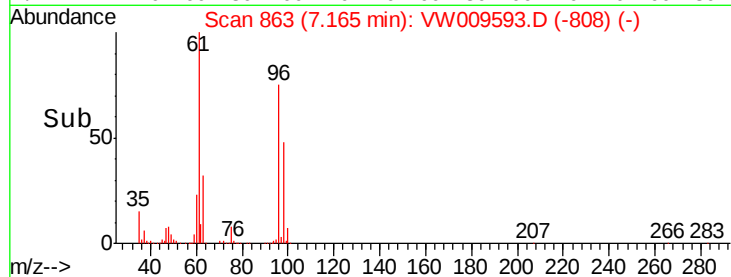
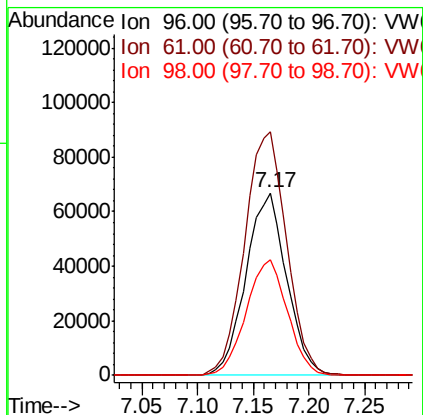
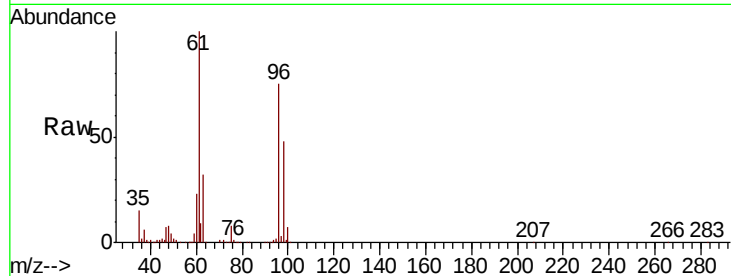


#22

cis-1,2-Dichloroethene
Concen: 26.689 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009593.D
Acq: 30 Mar 2019 16:33

Instrument :
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BF109

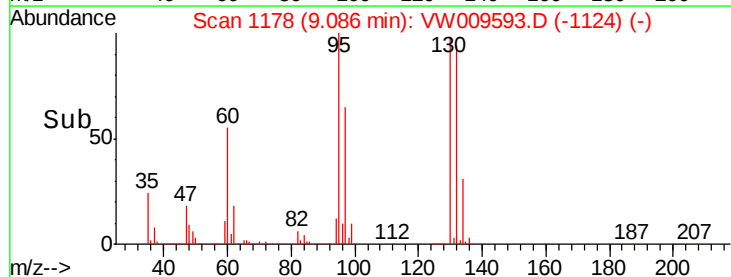
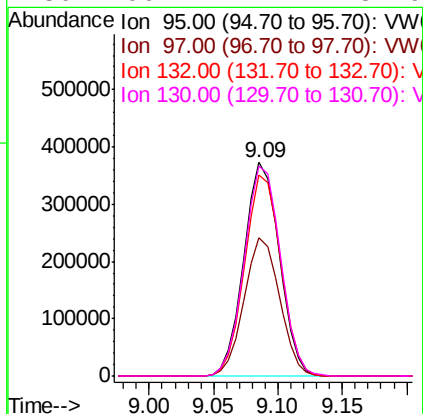
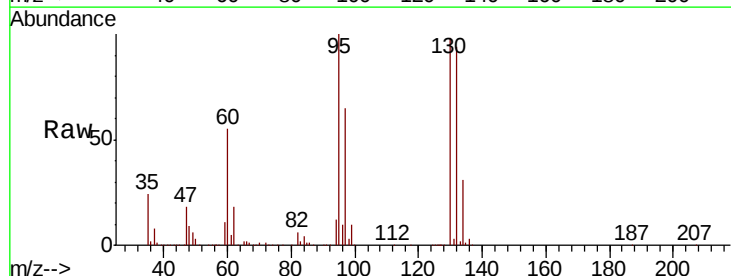
Tgt Ion: 96 Resp: 170009
Ion Ratio Lower Upper
96 100
61 133.3 90.6 168.3
98 63.4 44.0 81.8

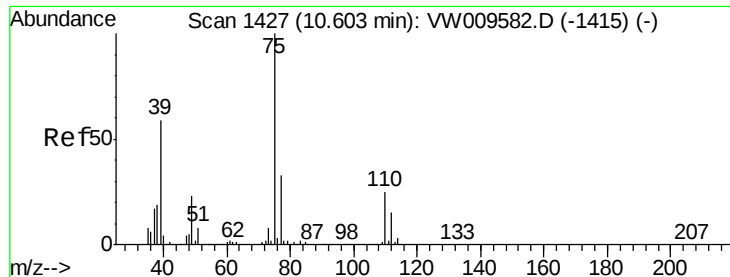


#35

Trichloroethene
Concen: 114.017 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW009593.D
Acq: 30 Mar 2019 16:33

Tgt Ion: 95 Resp: 712822
Ion Ratio Lower Upper
95 100
97 64.6 44.7 82.9
132 95.7 69.0 128.2
130 100.4 72.7 134.9





#45

trans-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009593.D

Acq: 30 Mar 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

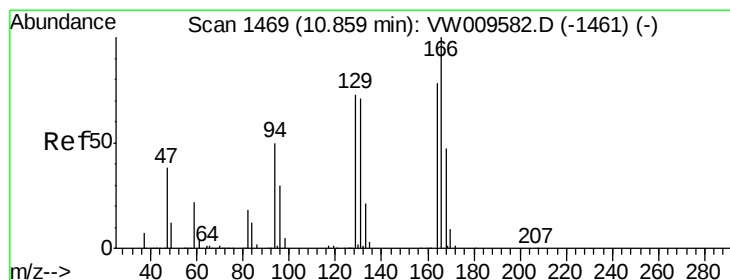
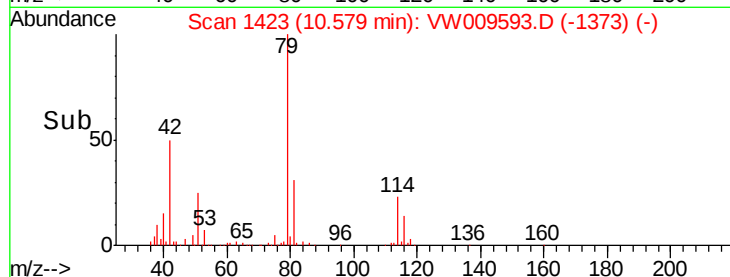
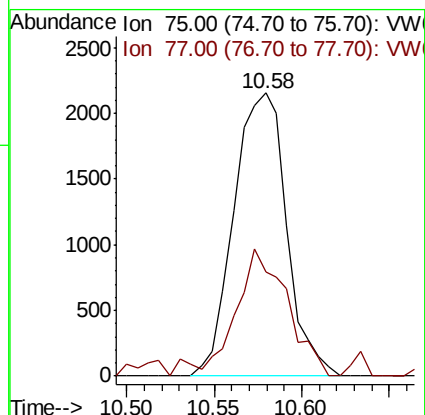
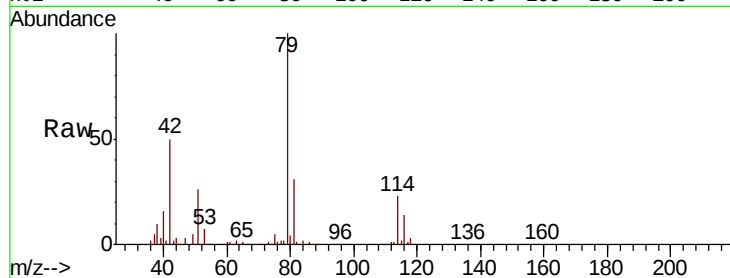
BF109

Tgt Ion: 75 Resp: 4516

Ion Ratio Lower Upper

75 100

77 36.9 22.5 41.7



#47

Tetrachloroethene

Concen: 1298.193 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009593.D

Acq: 30 Mar 2019 16:33

Tgt Ion: 164 Resp: 6857736

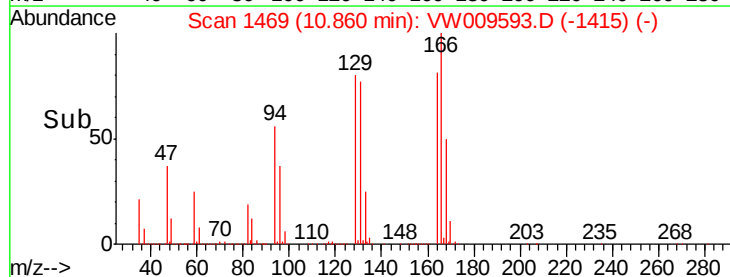
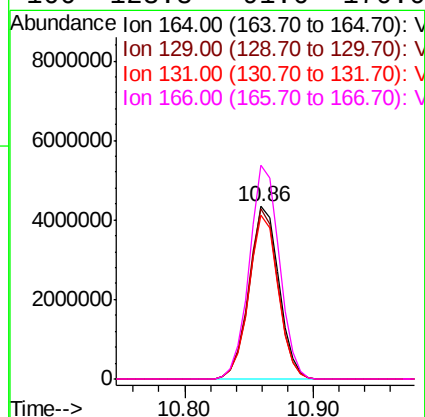
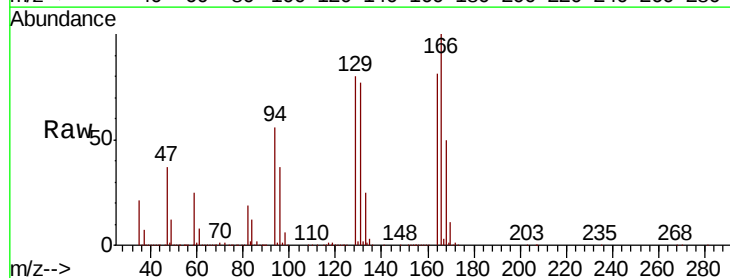
Ion Ratio Lower Upper

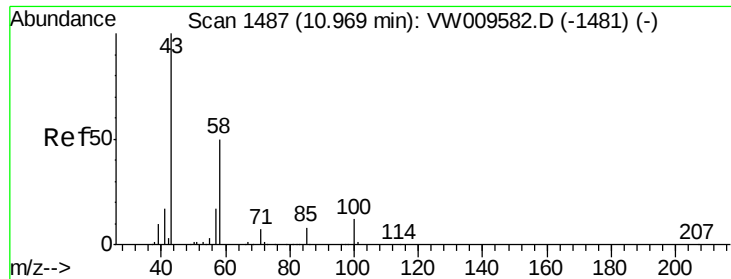
164 100

129 98.9 66.5 123.5

131 94.7 62.6 116.3

166 123.8 91.6 170.0





#49

2-Hexanone

Concen: 3.014 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009593.D

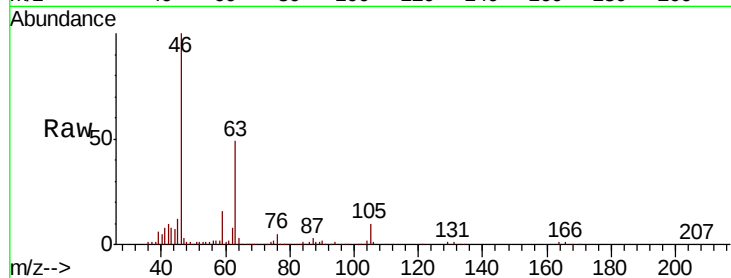
Acq: 30 Mar 2019 16:33

Instrument :

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ClientSampleId :

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Tgt Ion: 43 Resp: 11581

Ion Ratio Lower Upper

43 100

58 30.7 39.2 58.8#

57 25.9 14.2 21.2#

100 0.6 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

