

Data File : VW009284.D
Acq On : 20 Mar 2019 13:48
Operator : SY/VA
Sample : K1986-06
Misc : 6.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0B3

Quant Time: Mar 21 10:33:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 10:17:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	390928	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	372152	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177081	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119320	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.16%
7) Chloroethane-d5	2.90	69	111850	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
10) 1,1-Dichloroethene-d2	4.18	63	198	0.02	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.07	46	101666	52.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.24%
24) Chloroform-d	7.65	84	241650	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	8.31	65	154063	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.88%
29) Benzene-d6	8.27	84	470183	22.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.64%
33) 1,2-Dichloropropane-d6	9.27	67	145802	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	420448	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.64%
38) trans-1,3-Dichloropropene-	10.58	79	67241	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.88%
39) 2-Hexanone-d5	10.93	63	75119	50.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143643	23.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	158463	23.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.36%

Target Compounds

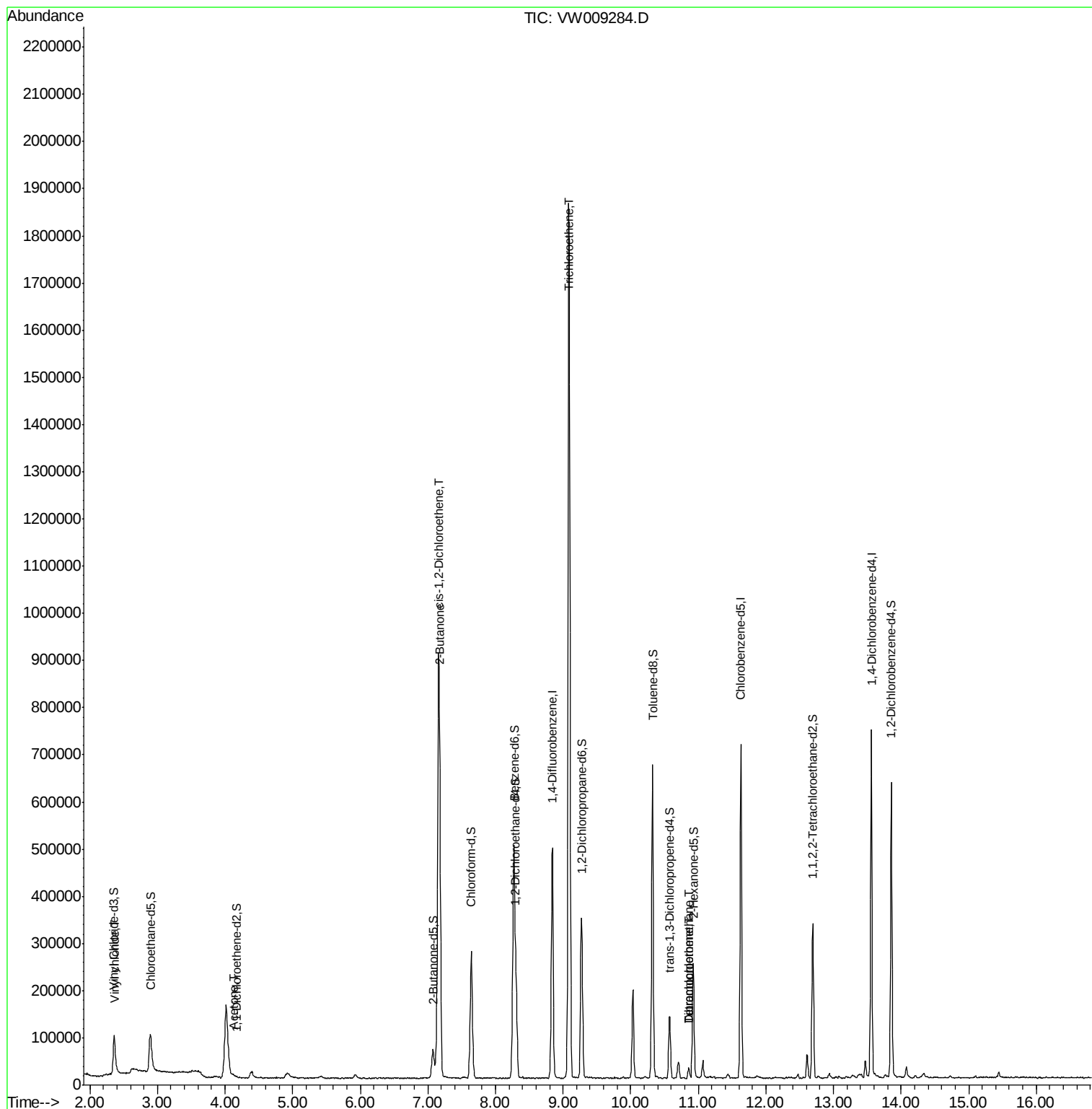
					Qvalue
5) Vinyl chloride	2.38	62	1962	0.349 ug/L #	1
13) Acetone	4.12	43	3856	2.434 ug/L	78
21) 2-Butanone	7.18	43	985	0.450 ug/L #	1
22) cis-1,2-Dichloroethene	7.17	96	490638	89.487 ug/L	98
35) Trichloroethene	9.09	95	597459	110.076 ug/L	99
47) Tetrachloroethene	10.86	164	4368	0.952 ug/L	94
50) Dibromochloromethane	10.86	129	4094	0.795 ug/L #	9

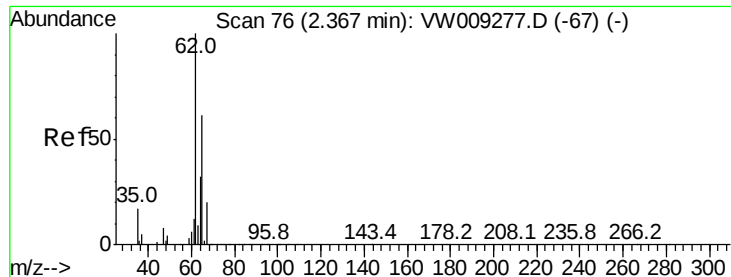
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.349 ug/L

RT: 2.38 min Scan# 78

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

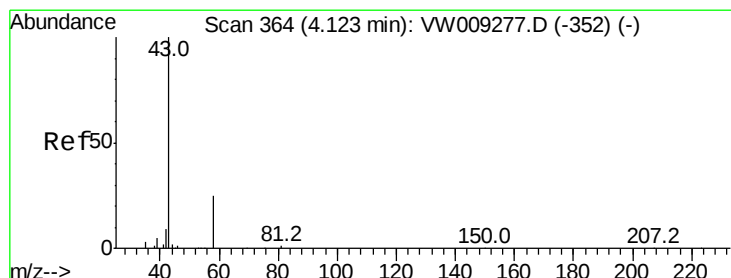
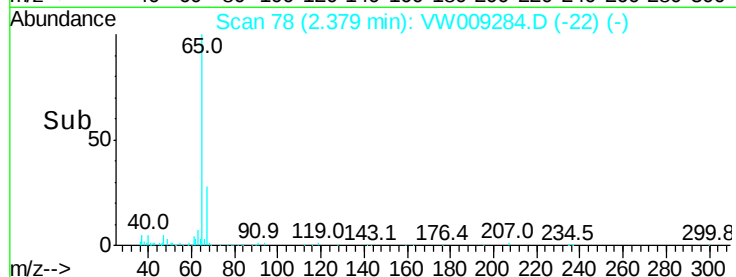
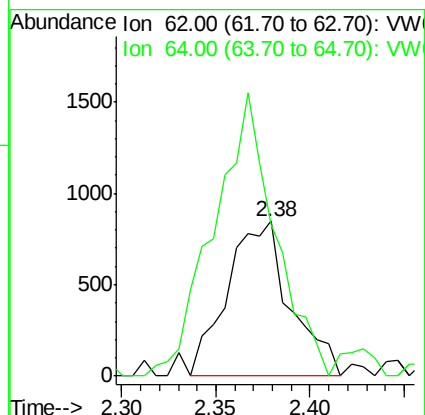
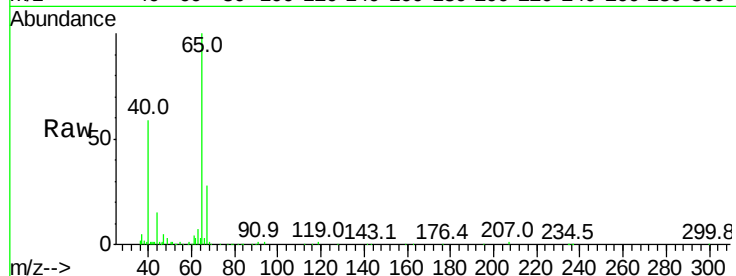
BFOB3

Tgt Ion: 62 Resp: 1962

Ion Ratio Lower Upper

62 100

64 97.6 23.0 42.6#



#13

Acetone

Concen: 2.434 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW009284.D

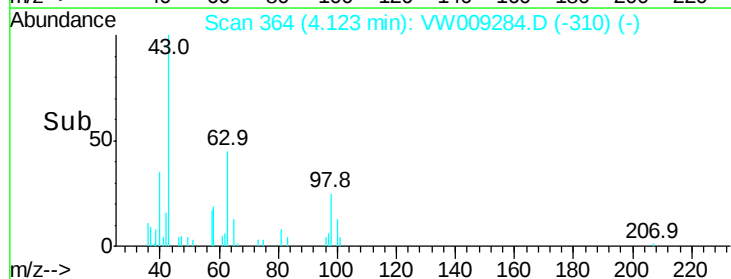
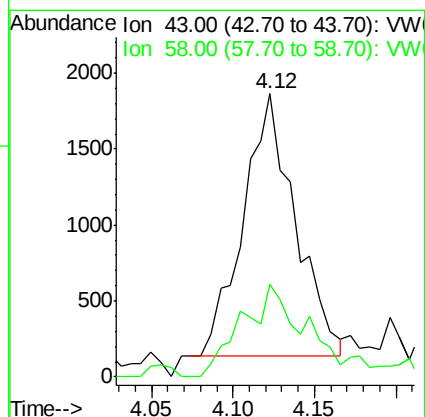
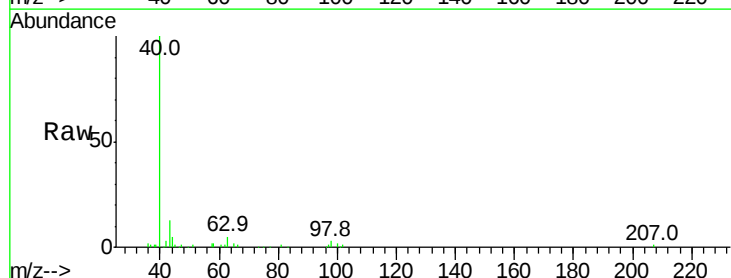
Acq: 20 Mar 2019 13:48

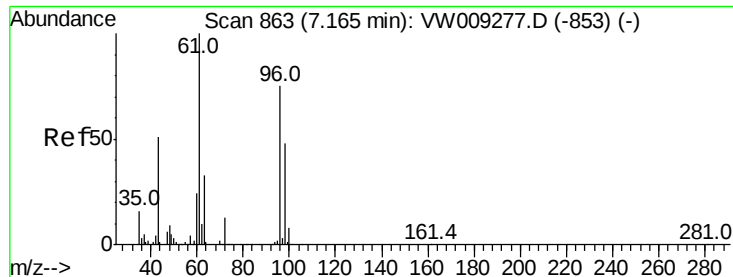
Tgt Ion: 43 Resp: 3856

Ion Ratio Lower Upper

43 100

58 16.6 0.0 56.2





#21

2-Butanone

Concen: 0.450 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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Acq: 20 Mar 2019 13:48

Instrument :

MSVOA_W

ClientSampleId :

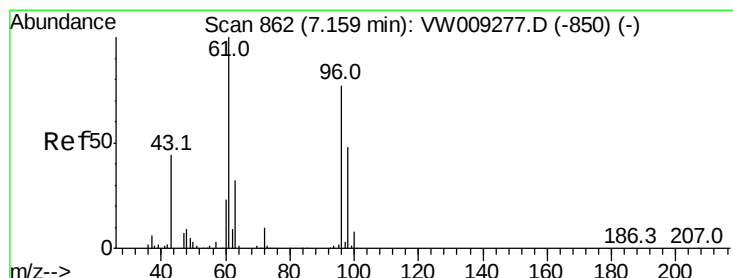
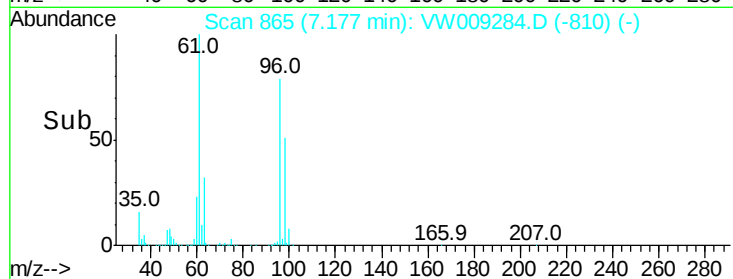
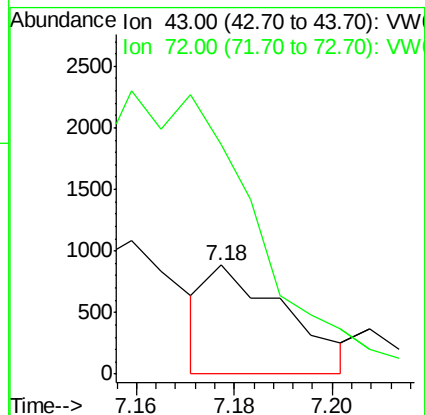
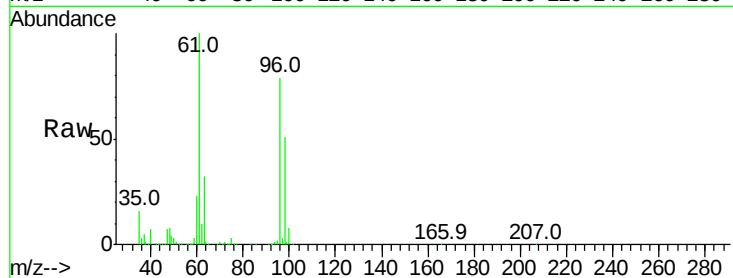
BF0B3

Tgt Ion: 43 Resp: 985

Ion Ratio Lower Upper

43 100

72 641.2 13.1 39.1#



#22

cis-1,2-Dichloroethene

Concen: 89.487 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009284.D

Acq: 20 Mar 2019 13:48

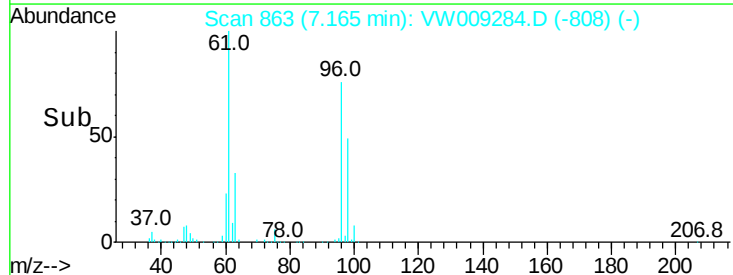
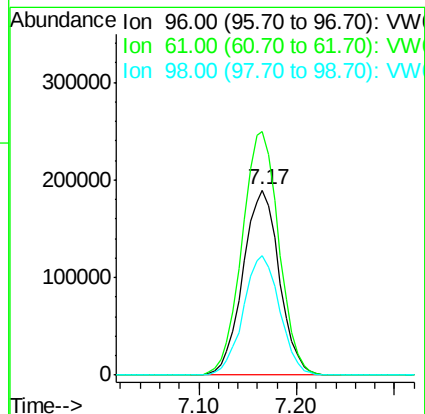
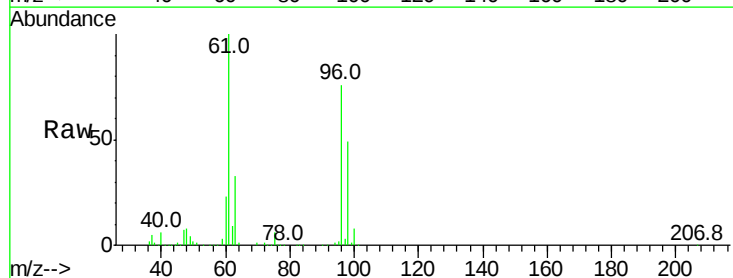
Tgt Ion: 96 Resp: 490638

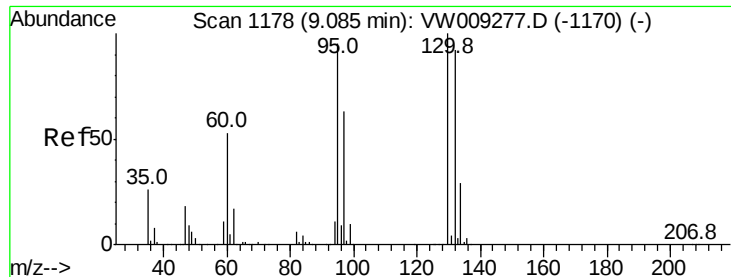
Ion Ratio Lower Upper

96 100

61 131.4 90.6 168.3

98 64.2 44.0 81.8

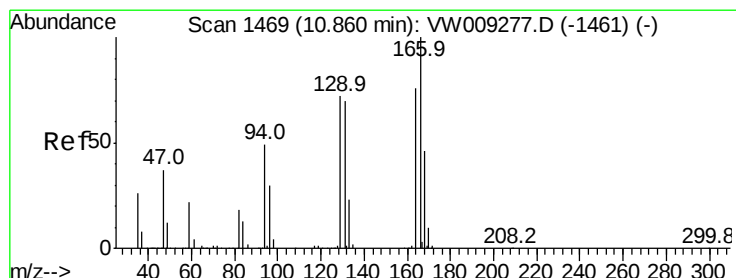
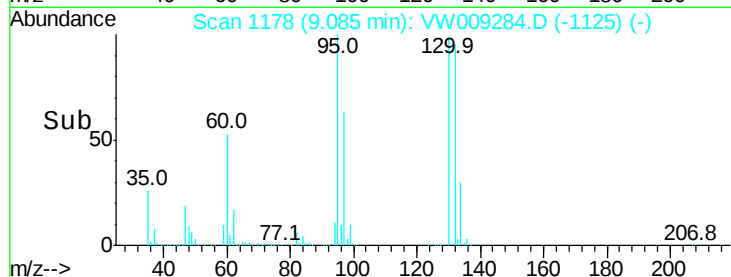
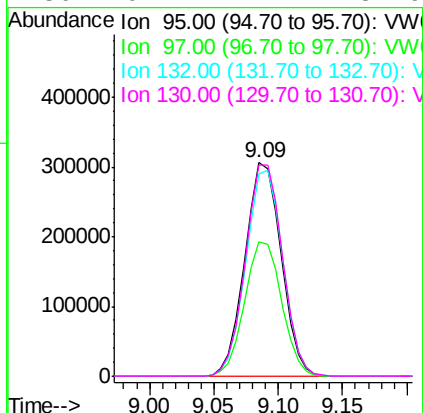
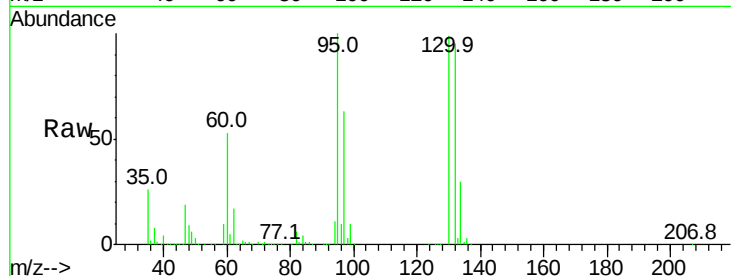




#35
 Trichloroethene
 Concen: 110.076 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
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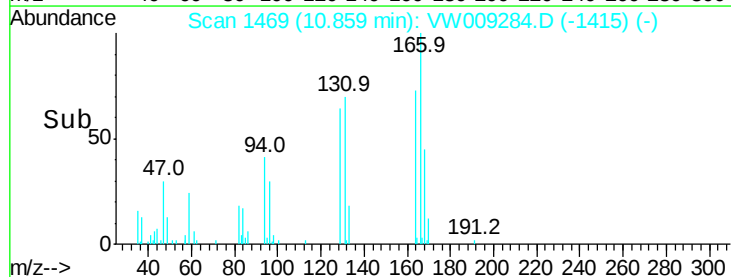
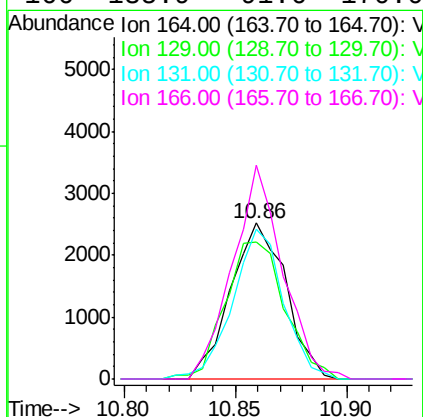
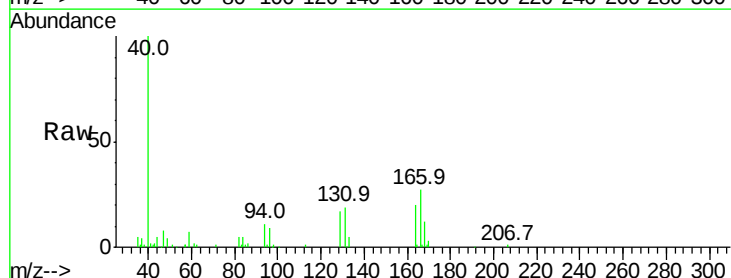
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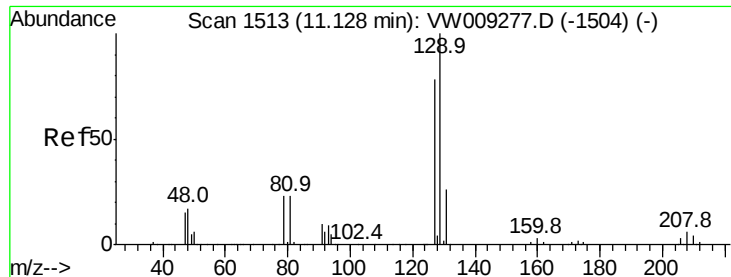
Tgt Ion: 95 Resp: 597459
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.7 82.9
 132 97.8 69.0 128.2
 130 101.1 72.7 134.9



#47
 Tetrachloroethene
 Concen: 0.952 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW009284.D
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Tgt Ion: 164 Resp: 4368
 Ion Ratio Lower Upper
 164 100
 129 84.7 66.5 123.5
 131 92.5 62.6 116.3
 166 135.9 91.6 170.0





#50

Dibromochloromethane

Concen: 0.795 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009284.D

Acq: 20 Mar 2019 13:48

Instrument :

MSVOA_W

ClientSampleId :

BF0B3

Tgt Ion:129 Resp: 4094

Ion Ratio Lower Upper

129 100

127 0.0 56.8 105.6#

