

Data File : VW011116.D
Acq On : 02 Jul 2019 19:52
Operator : SY/VA
Sample : K3599-18
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAM27

Quant Time: Jul 03 05:54:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 05:51:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	274949	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	249646	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114447	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77697	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.04%
7) Chloroethane-d5	2.89	69	58837	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.92%
10) 1,1-Dichloroethene-d2	4.01	63	133781	15.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.20%
20) 2-Butanone-d5	7.07	46	79687	48.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.36%
24) Chloroform-d	7.64	84	167340	22.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	8.30	65	107697	23.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.84%
29) Benzene-d6	8.27	84	343466	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
33) 1,2-Dichloropropane-d6	9.27	67	116743	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.24%
37) Toluene-d8	10.32	98	302924	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.40%
38) trans-1,3-Dichloropropene-	10.57	79	42359	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.56%
39) 2-Hexanone-d5	10.92	63	49527	43.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97278	23.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	103517	23.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.24%

Target Compounds

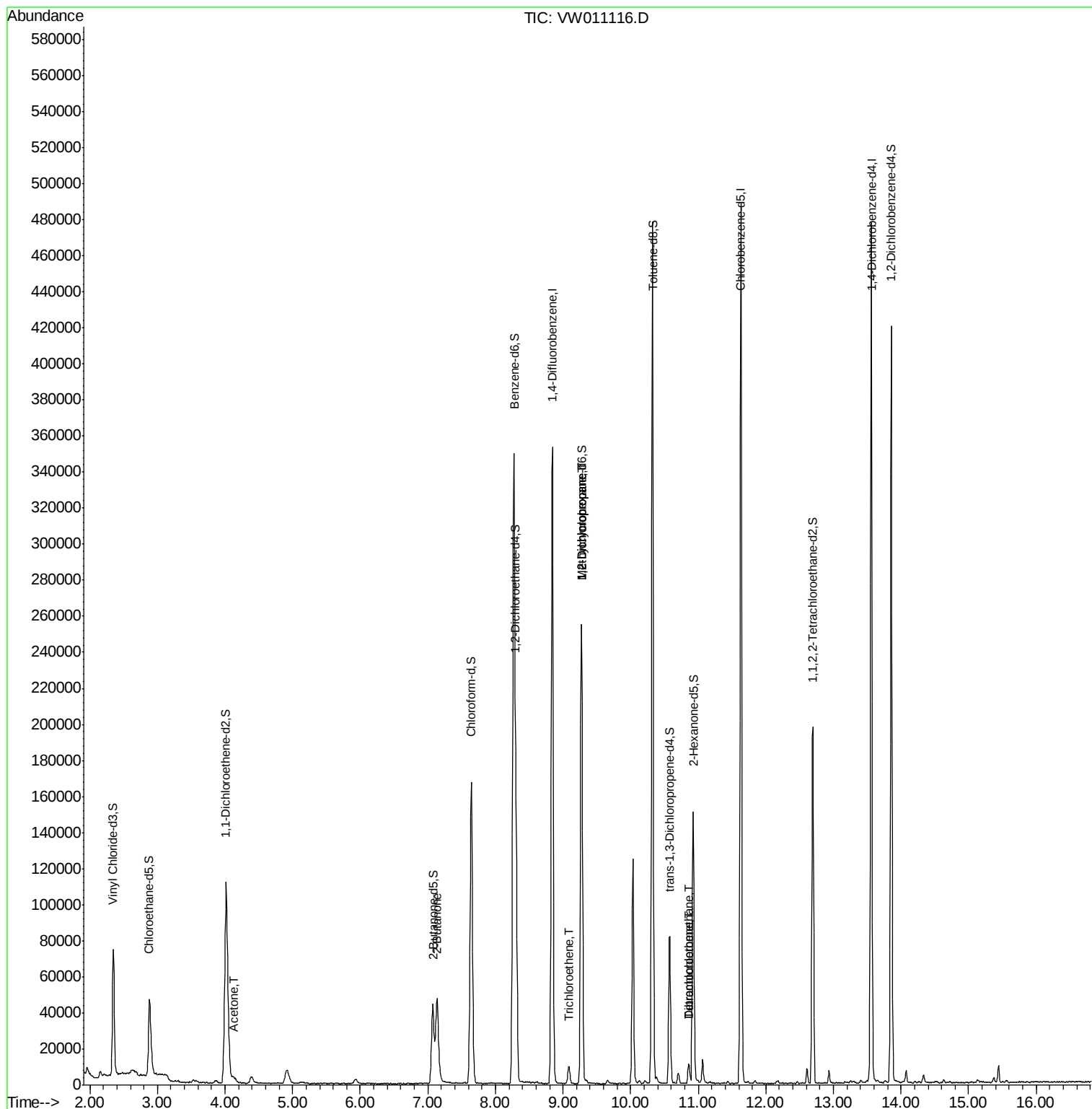
					Qvalue
13) Acetone	4.12	43	4688	2.902 ug/L	97
21) 2-Butanone	7.13	43	4046	1.940 ug/L #	62
35) Trichloroethene	9.09	95	2713	0.689 ug/L #	85
36) Methylcyclohexane	9.27	83	26663	3.763 ug/L #	14
40) 1,2-Dichloropropane	9.27	63	13440	3.144 ug/L #	88
47) Tetrachloroethene	10.87	164	2498	0.839 ug/L	80
50) Dibromochloromethane	10.86	129	2386	0.757 ug/L #	11

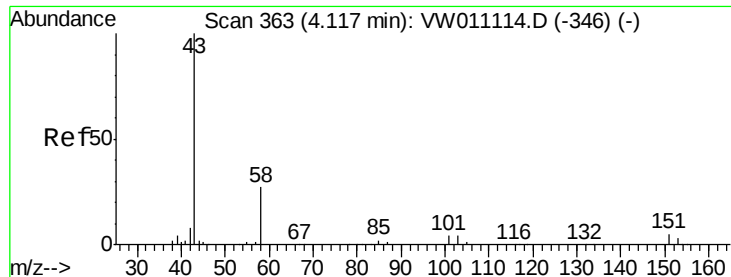
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW011116.D
Acq On : 02 Jul 2019 19:52
Operator : SY/VA
Sample : K3599-18
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAM27

Quant Time: Jul 03 05:54:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 05:51:41 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.902 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011116.D

Acq: 02 Jul 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

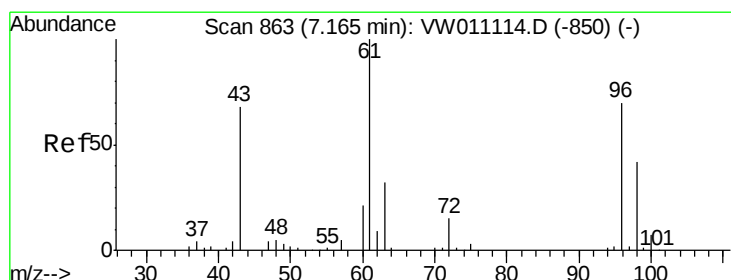
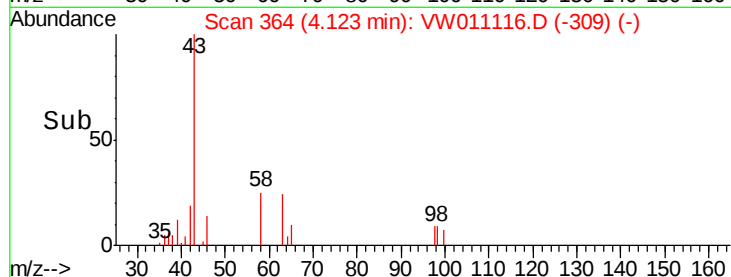
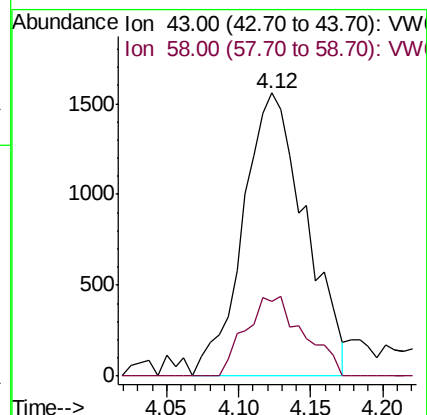
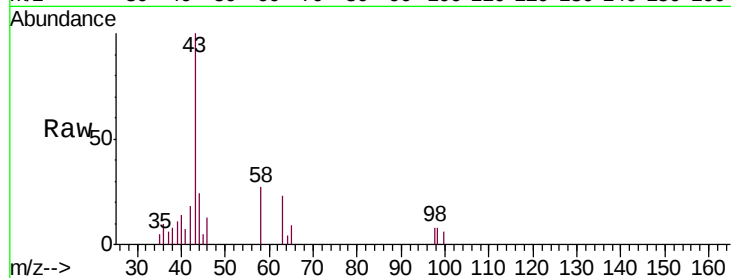
GAM27

Tgt Ion: 43 Resp: 4688

Ion Ratio Lower Upper

43 100

58 26.2 0.0 55.0



#21

2-Butanone

Concen: 1.940 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011116.D

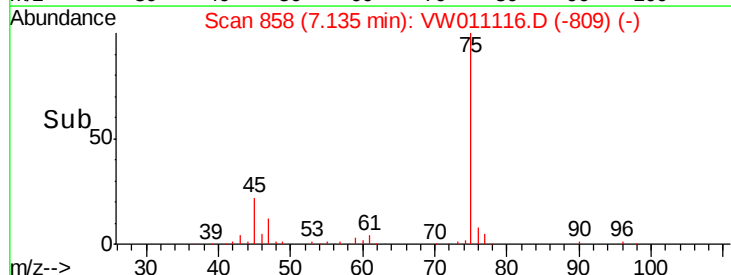
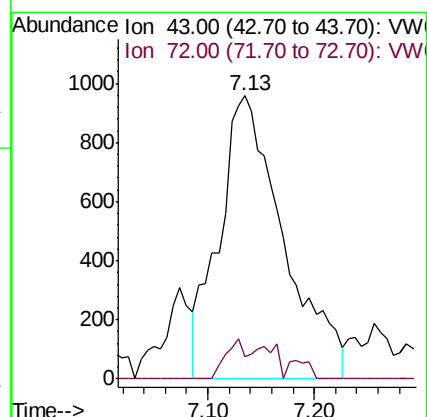
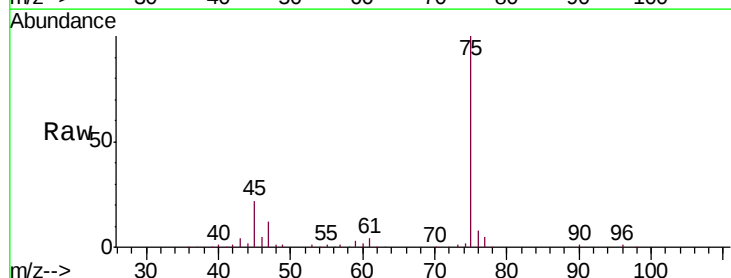
Acq: 02 Jul 2019 19:52

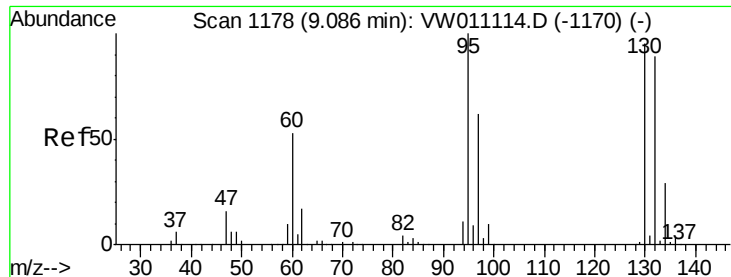
Tgt Ion: 43 Resp: 4046

Ion Ratio Lower Upper

43 100

72 4.1 11.2 33.6#





#35

Trichloroethene

Concen: 0.689 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW011116.D

Acq: 02 Jul 2019 19:52

Instrument :

MSVOA_W

ClientSampled :

GAM27

Tgt Ion: 95 Resp: 2713

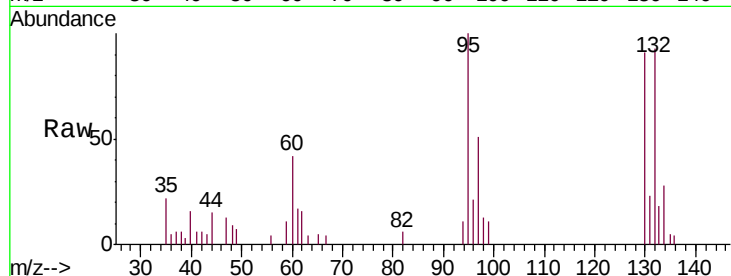
Ion Ratio Lower Upper

95 100

97 30.2 45.4 84.2#

132 89.9 65.0 120.8

130 90.7 67.8 126.0

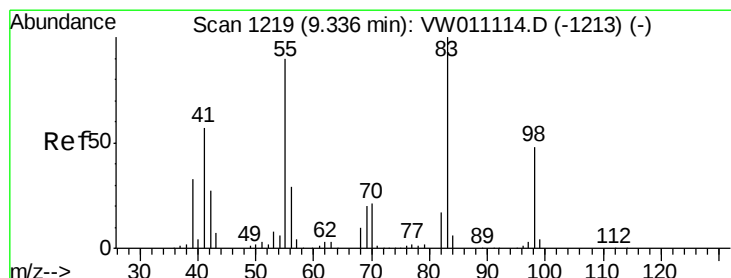
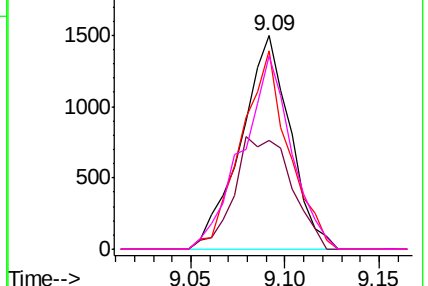
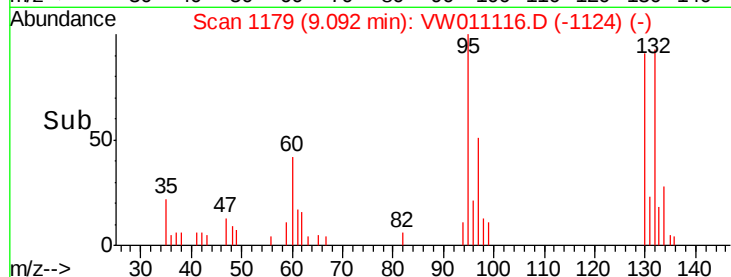


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 3.763 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW011116.D

Acq: 02 Jul 2019 19:52

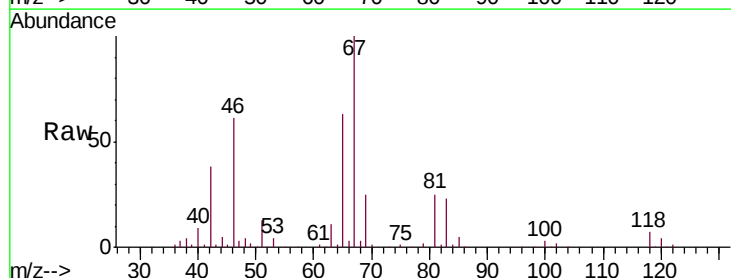
Tgt Ion: 83 Resp: 26663

Ion Ratio Lower Upper

83 100

55 0.7 72.2 108.4#

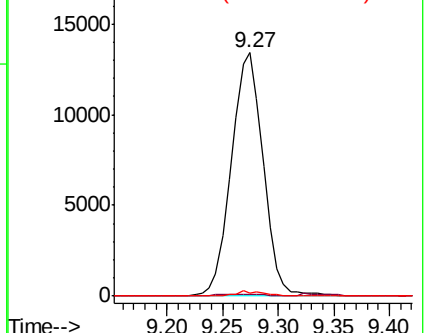
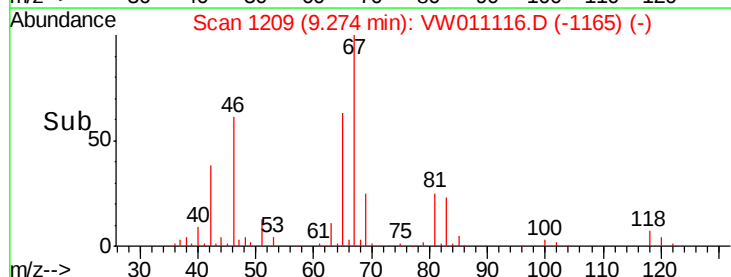
98 1.0 38.2 57.4#

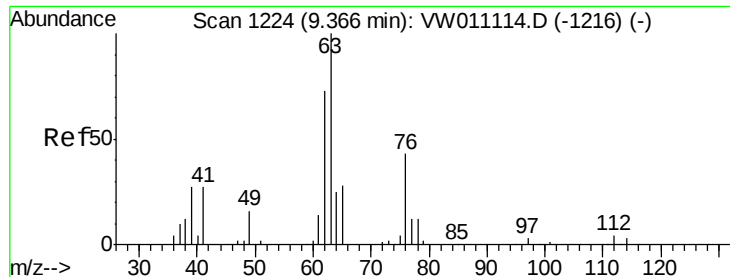


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

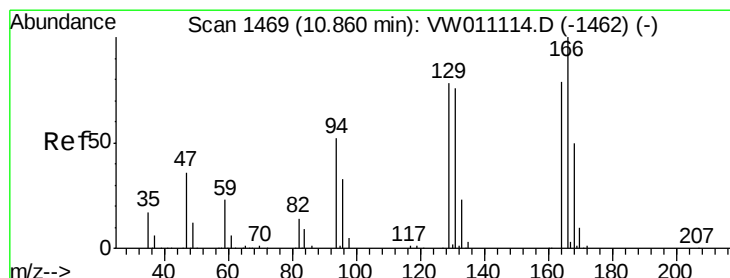
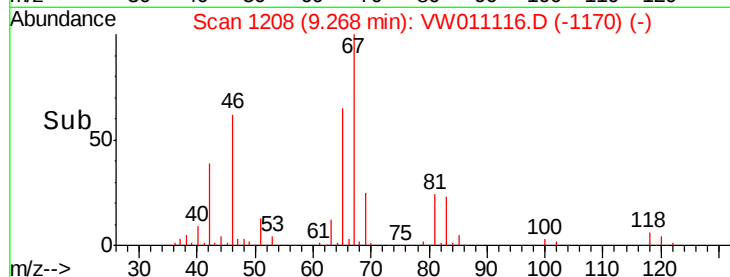
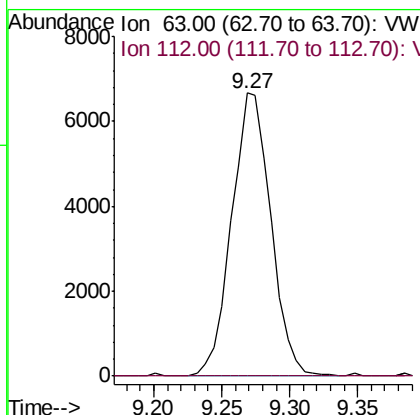
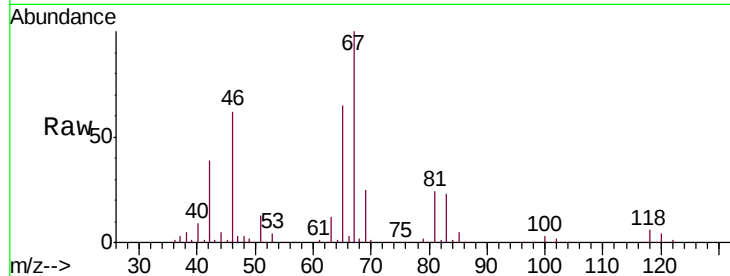




#40
 1,2-Dichloropropane
 Concen: 3.144 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW011116.D
 Acq: 02 Jul 2019 19:52

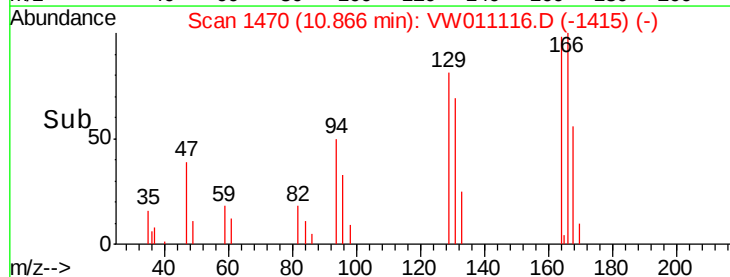
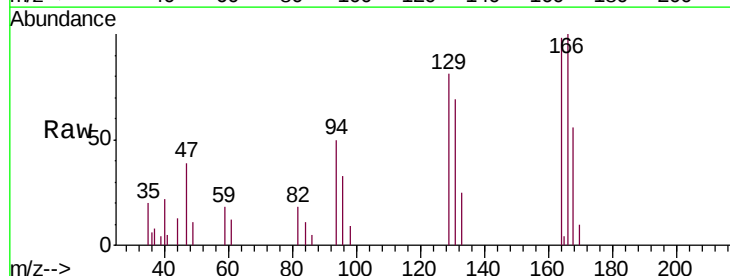
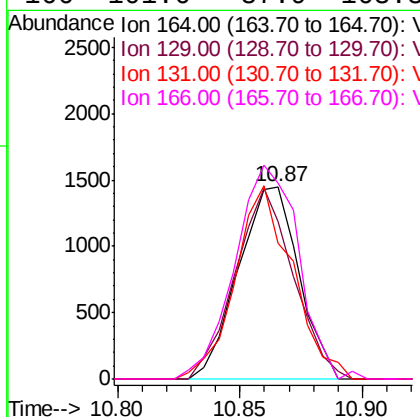
Instrument :
 MSVOA_W
 ClientSampleId :
 GAM27

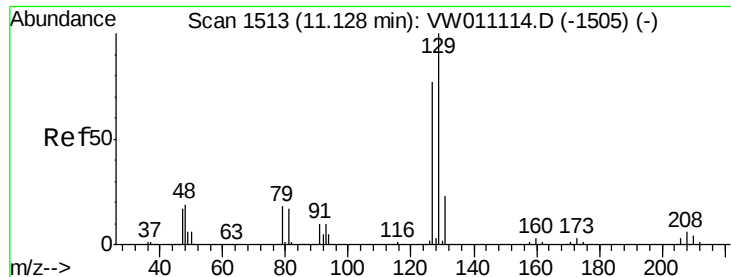
Tgt Ion: 63 Resp: 13440
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#47
 Tetrachloroethene
 Concen: 0.839 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW011116.D
 Acq: 02 Jul 2019 19:52

Tgt Ion: 164 Resp: 2498
 Ion Ratio Lower Upper
 164 100
 129 81.9 68.5 127.1
 131 70.4 64.8 120.4
 166 101.6 87.9 163.3





#50

Dibromochloromethane

Concen: 0.757 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW011116.D

Acq: 02 Jul 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

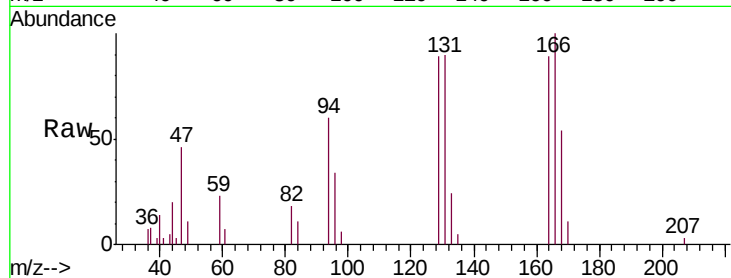
GAM27

Tgt Ion:129 Resp: 2386

Ion Ratio Lower Upper

129 100

127 0.0 53.3 99.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

