

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004239.D
 Acq On : 26 Jul 2018 20:17
 Operator : SY/AP
 Sample : J4169-07
 Misc : 5.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 02:56:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:54:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	278926	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	238160	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	72139	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	72766	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.64%
7) Chloroethane-d5	2.89	69	53480	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.76%
10) 1,1-Dichloroethene-d2	4.00	63	135027	20.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.56%
20) 2-Butanone-d5	7.08	46	74785	47.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.08%
24) Chloroform-d	7.65	84	192118	26.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	8.31	65	115360	26.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.44%
29) Benzene-d6	8.28	84	372566	29.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.08%
33) 1,2-Dichloropropane-d6	9.27	67	126237	30.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.28%#
37) Toluene-d8	10.33	98	312447	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.76%
38) trans-1,3-Dichloropropene-	10.58	79	41967	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	10.93	63	51066	46.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115702	26.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	82023	30.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.68%#

Target Compounds

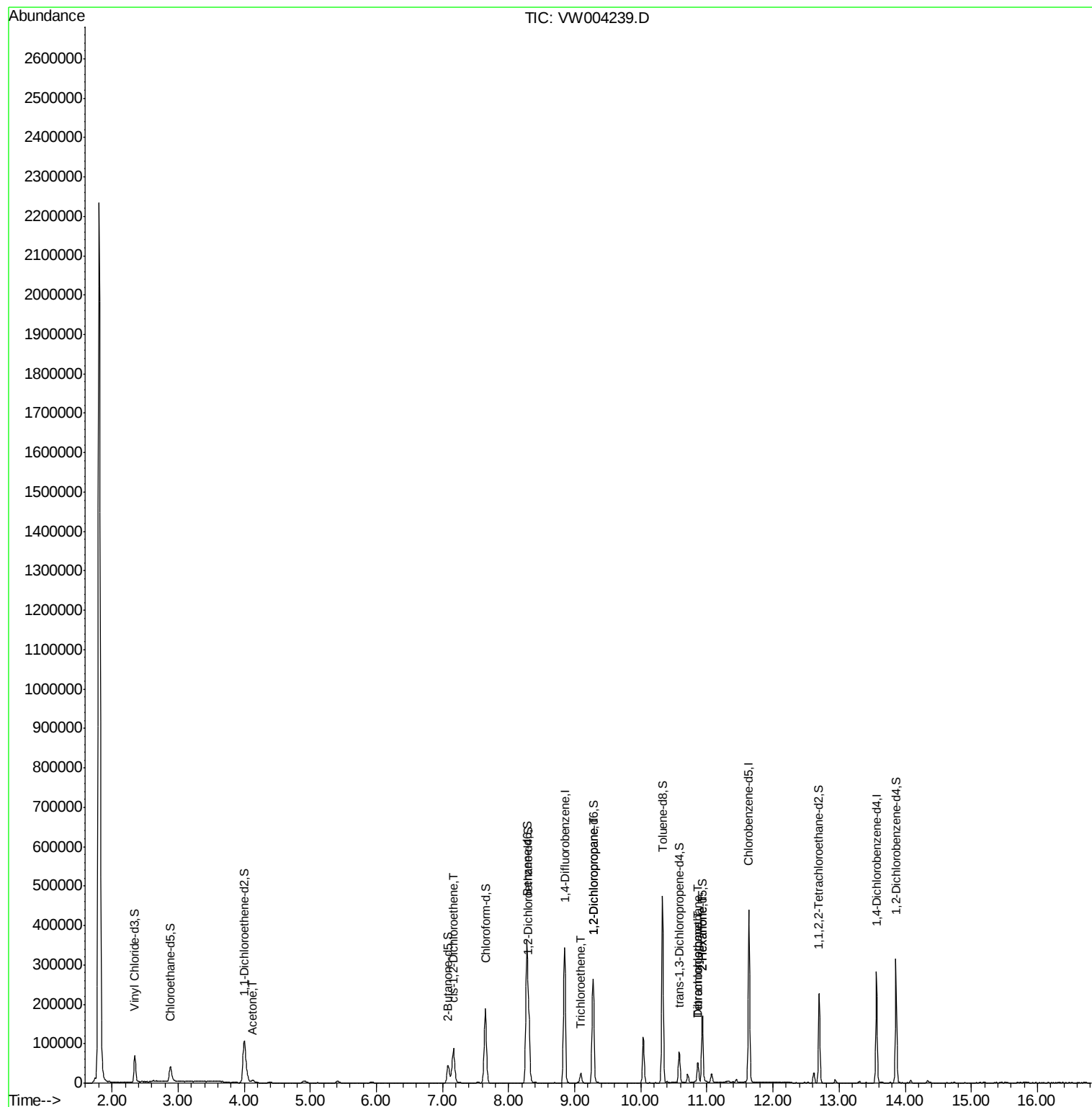
					Ovalue
13) Acetone	4.12	43	9988	6.222 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	40558	10.738 ug/L	97
35) Trichloroethene	9.10	95	8503	2.361 ug/L	98
40) 1,2-Dichloropropane	9.28	63	13994	3.764 ug/L #	88
47) Tetrachloroethene	10.87	164	11157	3.872 ug/L	94
49) 2-Hexanone	10.93	43	8499	3.275 ug/L #	68
50) Dibromochloromethane	10.86	129	10750	3.266 ug/L #	12

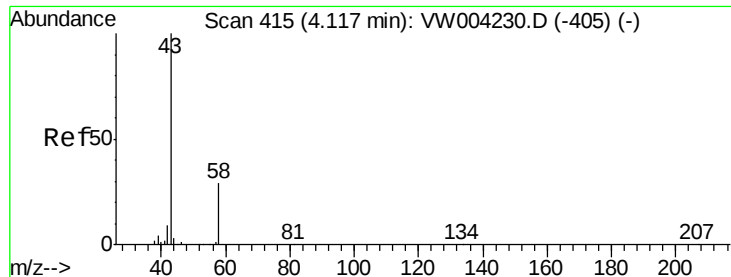
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jul 27 02:54:01 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.222 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004239.D

Acq: 26 Jul 2018 20:17

Instrument :

MSVOA_W

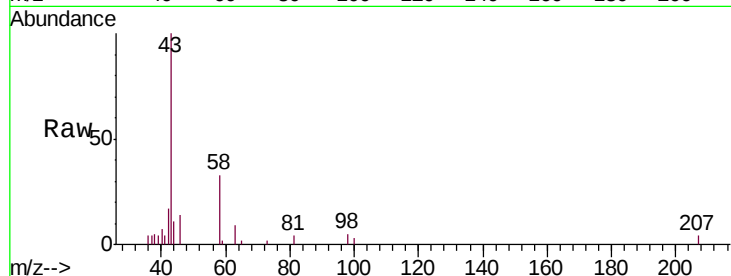
ClientSampleId :

Tot Ion: 43 Resp: 9988

Ion Ratio Lower Upper

43 100

58 30.3 0.0 59.8



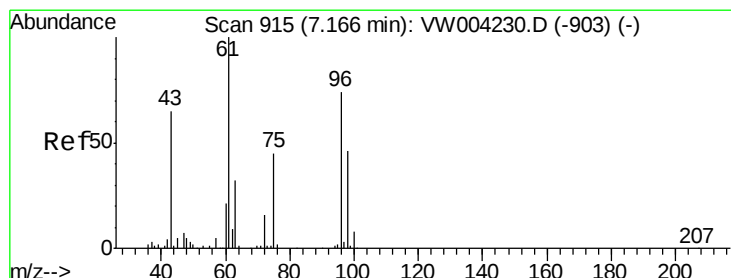
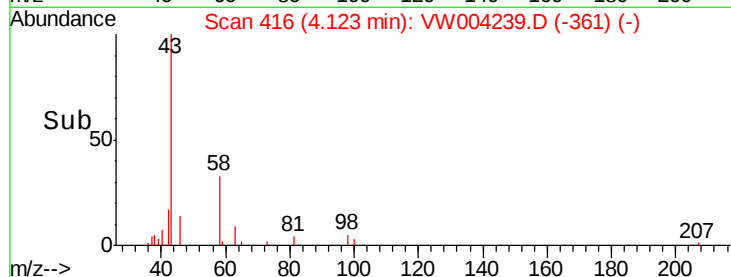
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4.05 4.10 4.15 4.20

Time-->



#22

cis-1,2-Dichloroethene

Concen: 10.738 ug/L

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004239.D

Acq: 26 Jul 2018 20:17

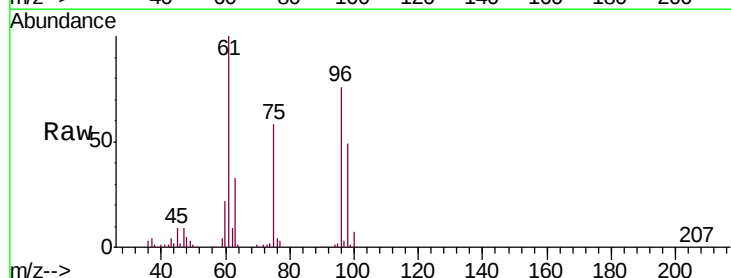
Tgt Ion: 96 Resp: 40558

Ion Ratio Lower Upper

96 100

61 131.5 95.1 176.7

98 63.9 45.2 84.0



Abundance Ion 96.00 (95.70 to 96.70): VW

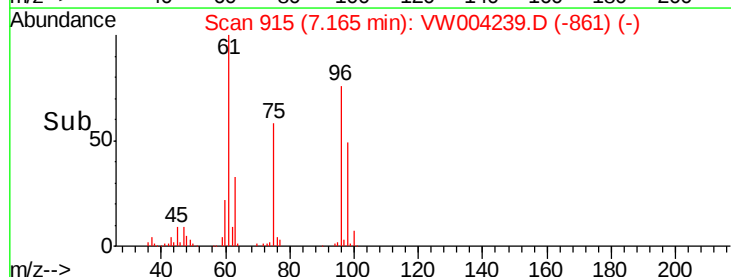
Ion 61.00 (60.70 to 61.70): VW

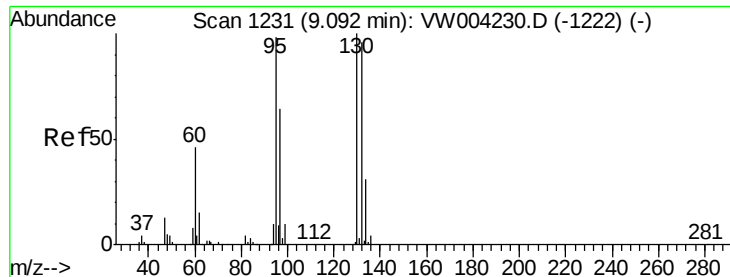
Ion 98.00 (97.70 to 98.70): VW

7.17

7.05 7.10 7.15 7.20 7.25

Time-->





#35

Trichloroethene

Concen: 2.361 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW004239.D

Acq: 26 Jul 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 8503

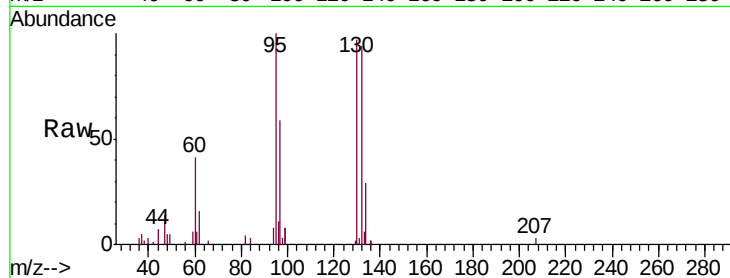
Ion Ratio Lower Upper

95 100

97 63.1 44.9 83.5

132 93.5 67.4 125.2

130 97.9 70.2 130.4

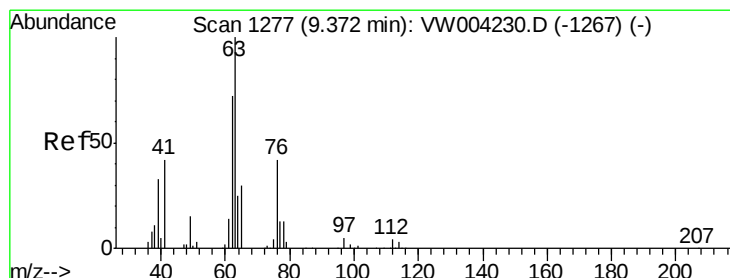
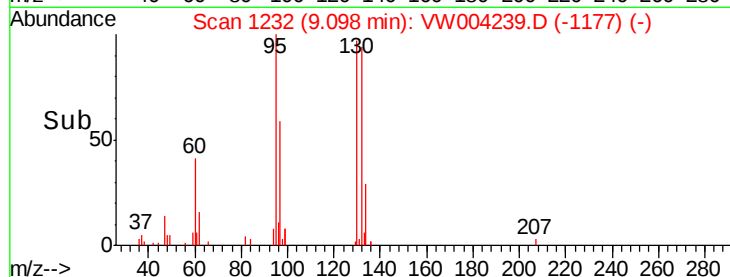
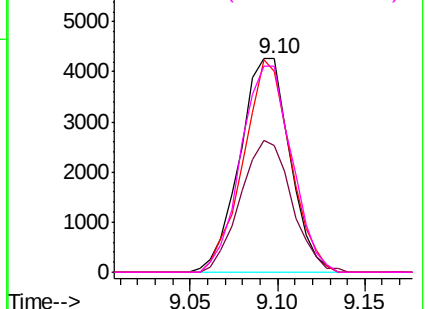


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.764 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

Lab File: VW004239.D

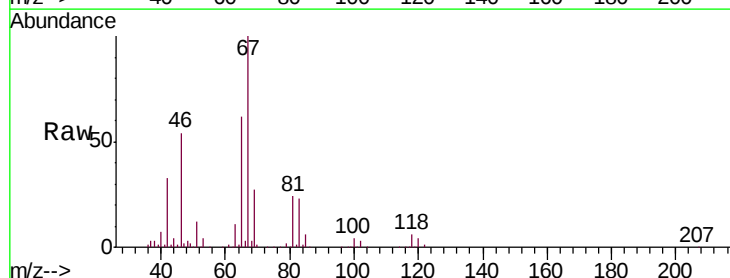
Acq: 26 Jul 2018 20:17

Tgt Ion: 63 Resp: 13994

Ion Ratio Lower Upper

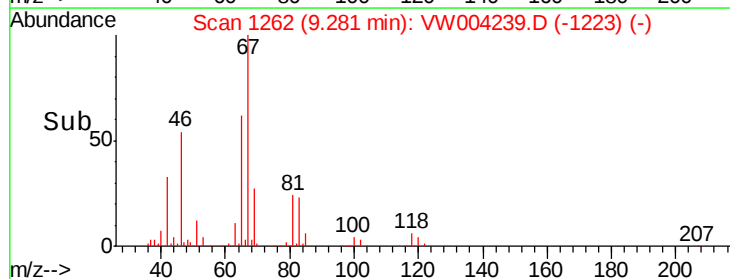
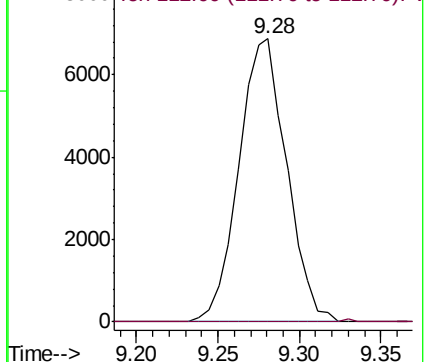
63 100

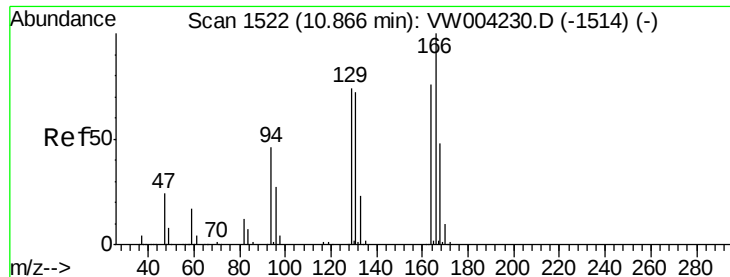
112 0.1 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#47

Tetrachloroethene

Concen: 3.872 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004239.D

Acq: 26 Jul 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 11157

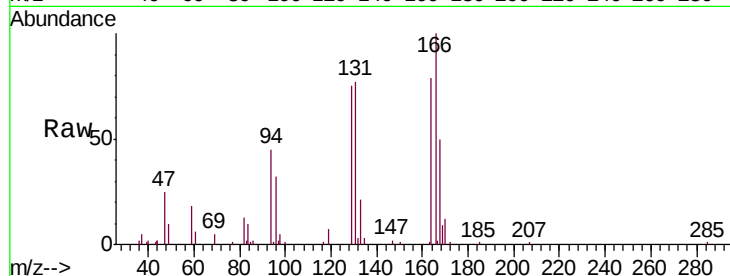
Ion Ratio Lower Upper

164 100

129 95.5 63.4 117.8

131 98.5 63.1 117.1

166 130.2 87.5 162.5

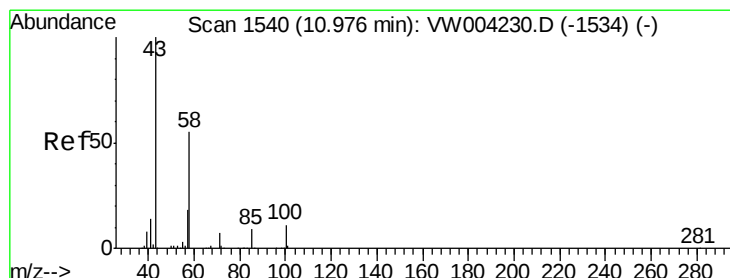
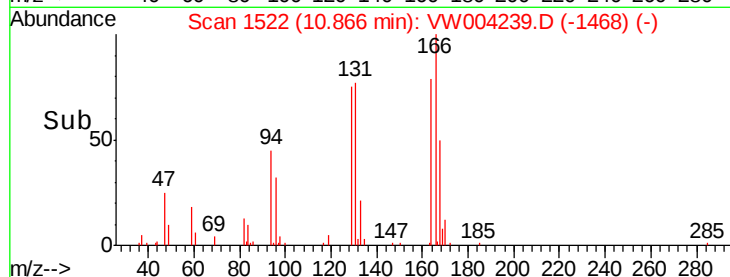
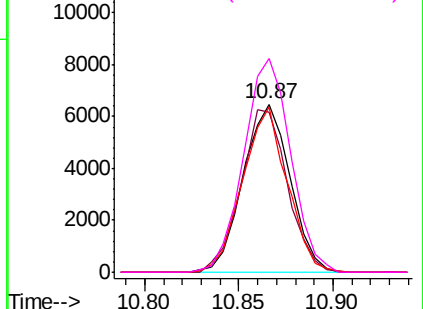


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 3.275 ug/L

RT: 10.93 min Scan# 1532

Delta R.T. -0.05 min

Lab File: VW004239.D

Acq: 26 Jul 2018 20:17

Tgt Ion: 43 Resp: 8499

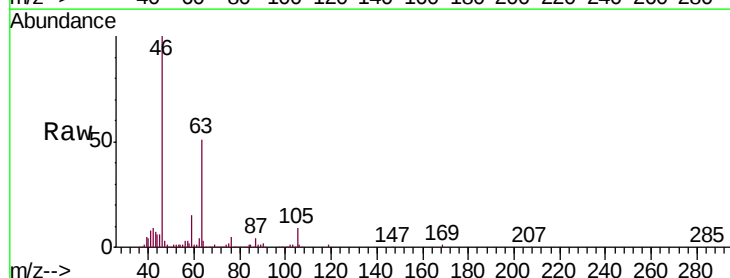
Ion Ratio Lower Upper

43 100

58 27.7 39.8 59.8#

57 36.1 13.9 20.9#

100 6.8 8.0 12.0#

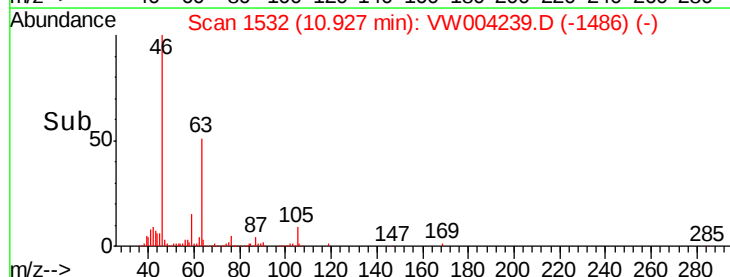
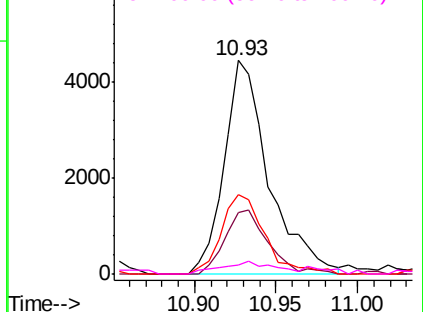


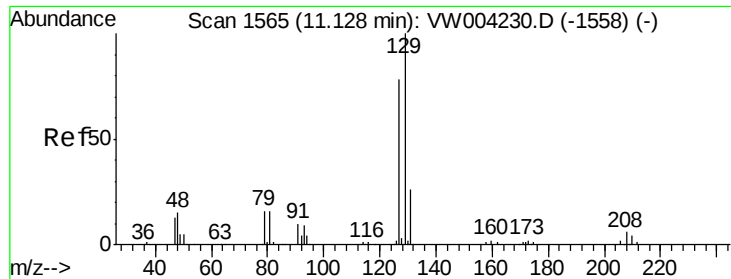
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 58.00 (57.70 to 58.70): VV

Ion 57.00 (56.70 to 57.70): VV

Ion 100.00 (99.70 to 100.70): VV

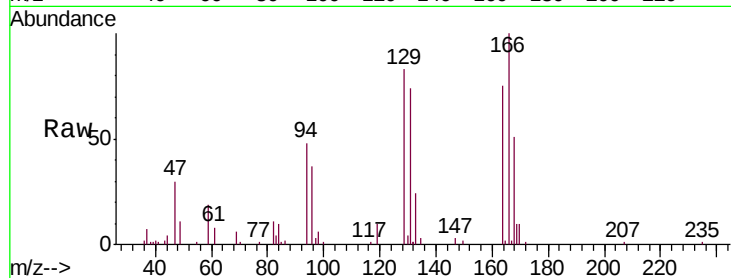




#50
 Dibromochloromethane
 Concen: 3.266 ug/L
 RT: 10.86 min Scan# 1521
 Delta R.T. -0.27 min
 Lab File: VW004239.D
 Acq: 26 Jul 2018 20:17

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:129 Resp: 10750
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.7 97.9#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

