

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004240.D
 Acq On : 26 Jul 2018 20:43
 Operator : SY/AP
 Sample : J4169-08
 Misc : 6.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 02:56:37 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	215274	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	199349	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	64940	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	61154	28.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.88%
7) Chloroethane-d5	2.88	69	43590	27.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.60%
10) 1,1-Dichloroethene-d2	4.00	63	112386	21.72	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.88%
20) 2-Butanone-d5	7.08	46	70198	57.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.42%
24) Chloroform-d	7.65	84	161239	29.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.00%
26) 1,2-Dichloroethane-d4	8.31	65	104895	31.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.56%
29) Benzene-d6	8.27	84	304874	28.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.44%
33) 1,2-Dichloropropane-d6	9.27	67	106075	30.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.76%#
37) Toluene-d8	10.33	98	259974	26.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.12%
38) trans-1,3-Dichloropropene-	10.58	79	42752	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.20%
39) 2-Hexanone-d5	10.93	63	49113	53.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.38%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	105042	29.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	68603	28.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.04%

Target Compounds

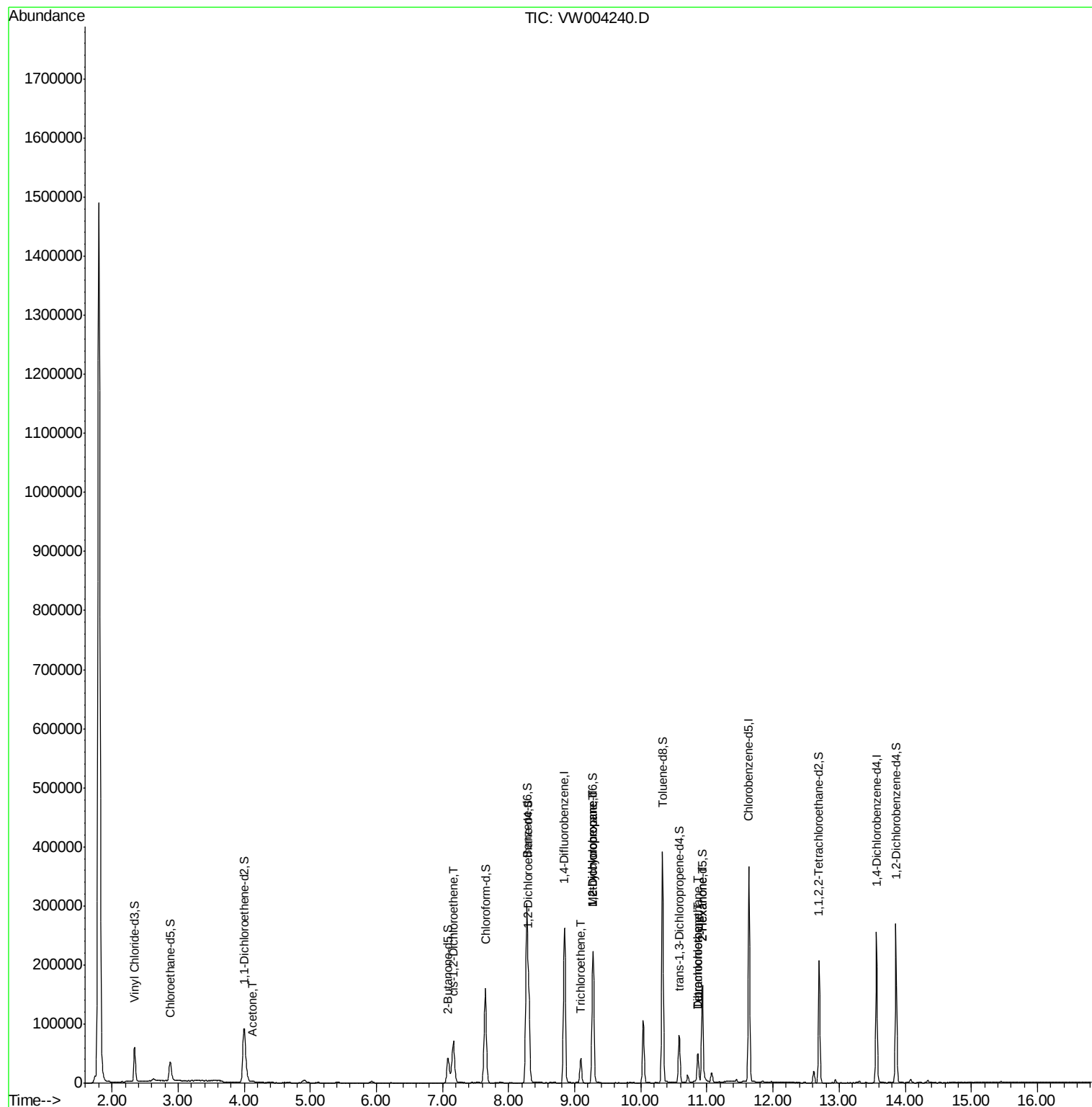
					Ovalue
13) Acetone	4.12	43	2630	2.123 ug/L	62
22) cis-1,2-Dichloroethene	7.17	96	32194	11.044 ug/L	100
35) Trichloroethene	9.09	95	14121	4.684 ug/L	98
36) Methylcyclohexane	9.27	83	24133	4.790 ug/L #	17
40) 1,2-Dichloropropane	9.27	63	11845	3.807 ug/L #	88
47) Tetrachloroethene	10.87	164	10430	4.325 ug/L	96
49) 2-Hexanone	10.93	43	8056	3.709 ug/L #	71
50) Dibromochloromethane	10.87	129	10401	3.775 ug/L #	12

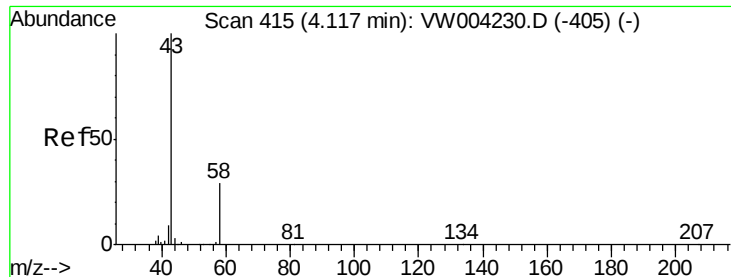
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 2.123 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW004240.D

Acq: 26 Jul 2018 20:43

Instrument :

MSVOA_W

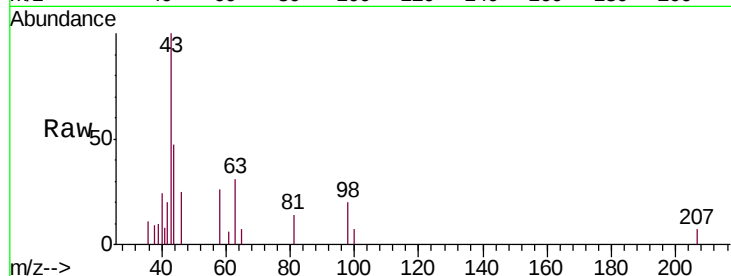
ClientSampled :

Tot Ion: 43 Resp: 2630

Ion Ratio Lower Upper

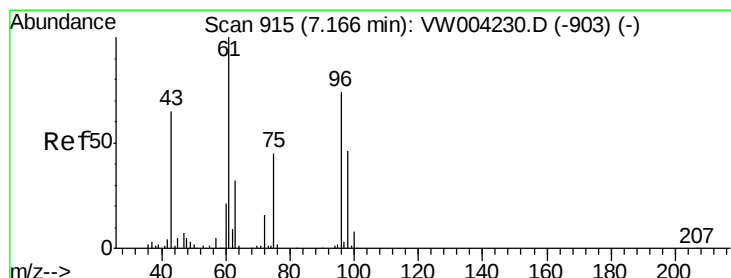
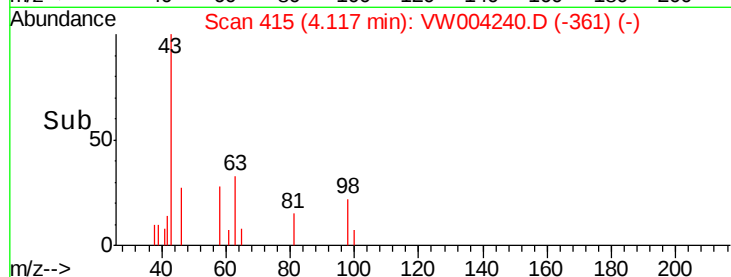
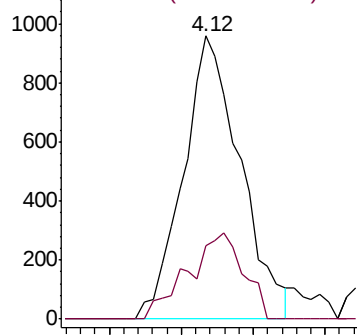
43 100

58 9.2 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 11.044 ug/L

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004240.D

Acq: 26 Jul 2018 20:43

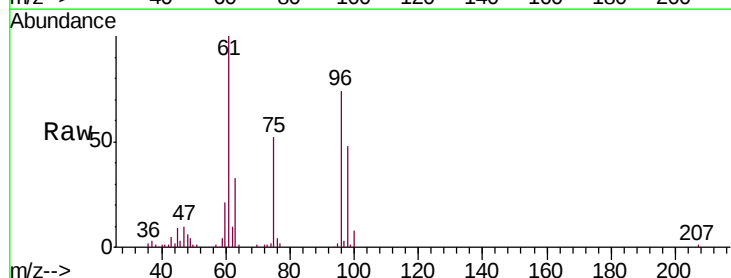
Tgt Ion: 96 Resp: 32194

Ion Ratio Lower Upper

96 100

61 135.9 95.1 176.7

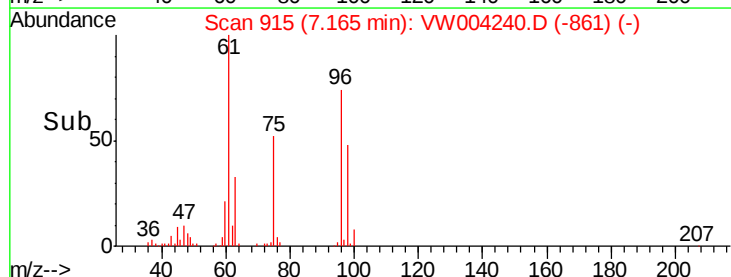
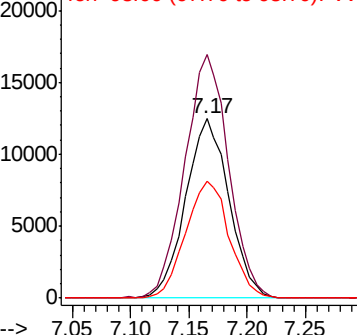
98 65.2 45.2 84.0

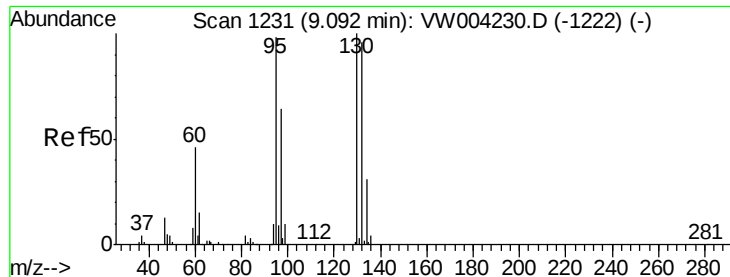


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

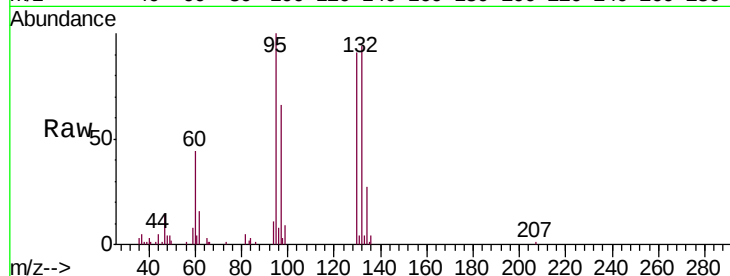




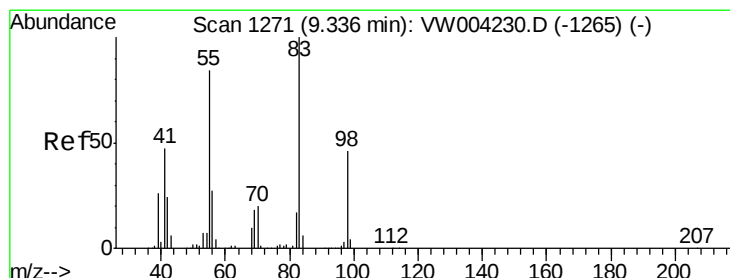
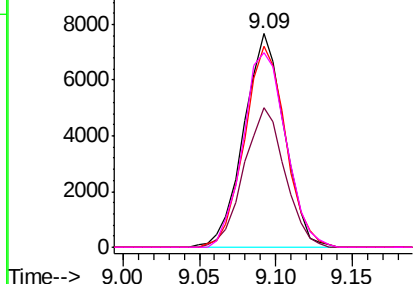
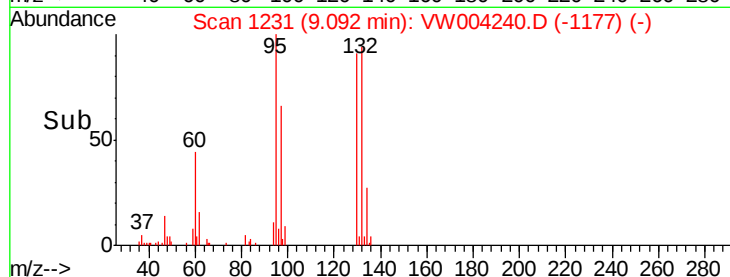
#35
 Trichloroethene
 Concen: 4.684 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW004240.D
 Acq: 26 Jul 2018 20:43

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 14121
 Ion Ratio Lower Upper
 95 100
 97 66.2 44.9 83.5
 132 95.5 67.4 125.2
 130 97.0 70.2 130.4

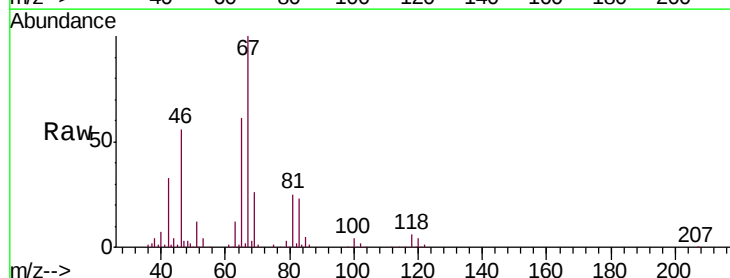


Abundance Ion 95.00 (94.70 to 95.70): VW
 12000 Ion 97.00 (96.70 to 97.70): VW
 10000 Ion 132.00 (131.70 to 132.70): V
 8000 Ion 130.00 (129.70 to 130.70): V

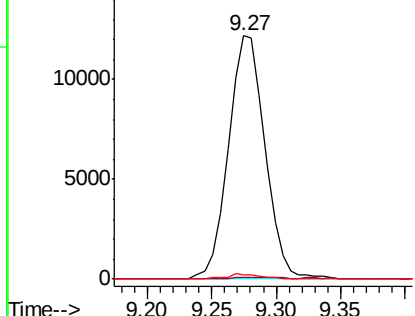
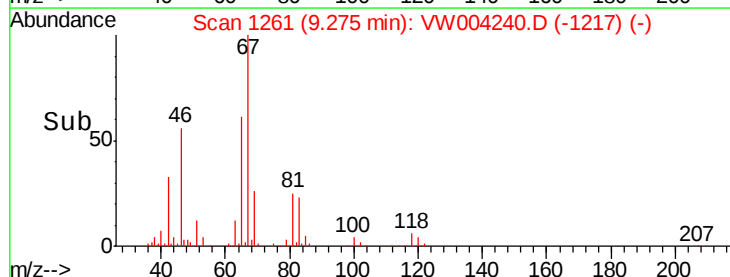


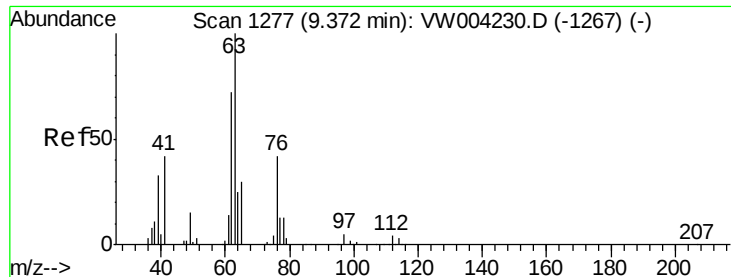
#36
 Methylcyclohexane
 Concen: 4.790 ug/L
 RT: 9.27 min Scan# 1261
 Delta R.T. -0.06 min
 Lab File: VW004240.D
 Acq: 26 Jul 2018 20:43

Tgt Ion: 83 Resp: 24133
 Ion Ratio Lower Upper
 83 100
 55 0.2 65.5 98.3#
 98 1.7 37.1 55.7#



Abundance Ion 83.00 (82.70 to 83.70): VW
 15000 Ion 55.00 (54.70 to 55.70): VW
 10000 Ion 98.00 (97.70 to 98.70): VW

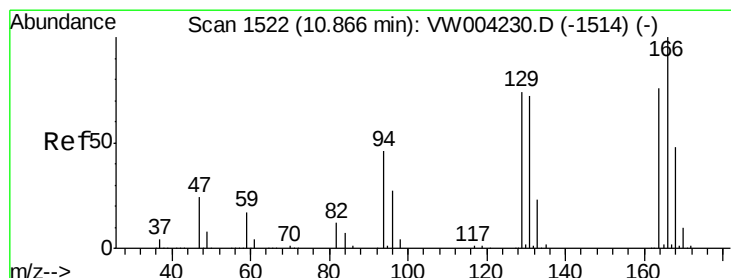
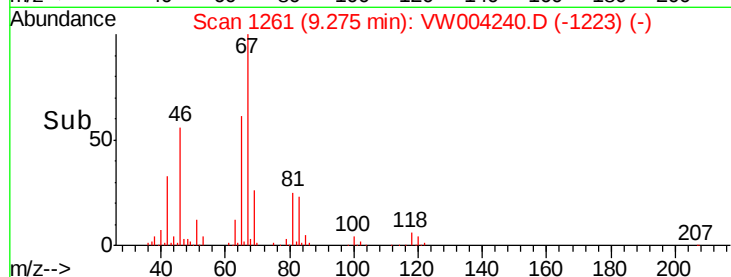
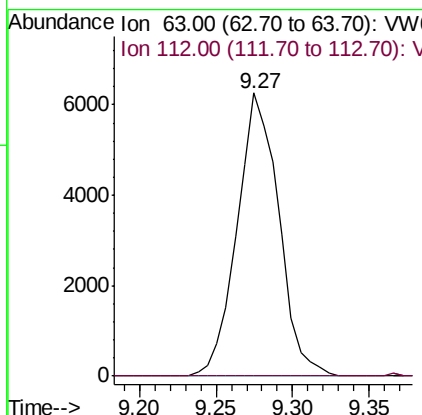
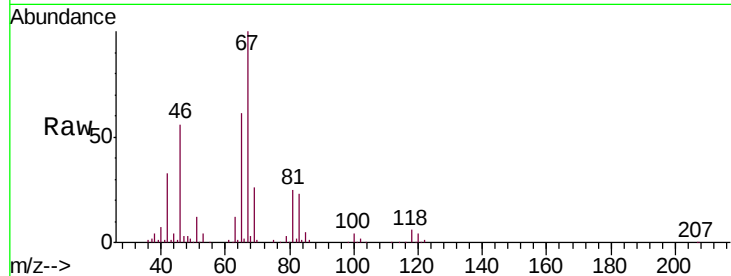




#40
 1,2-Dichloropropane
 Concen: 3.807 ug/L
 RT: 9.27 min Scan# 1261
 Delta R.T. -0.10 min
 Lab File: VW004240.D
 Acq: 26 Jul 2018 20:43

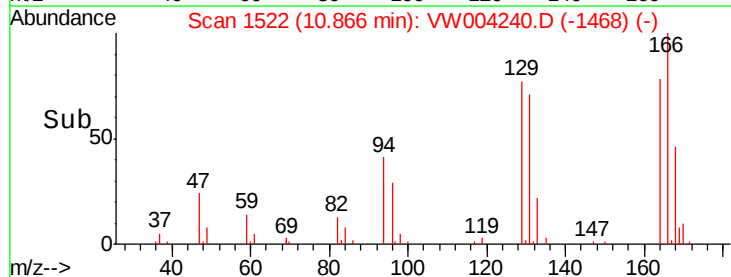
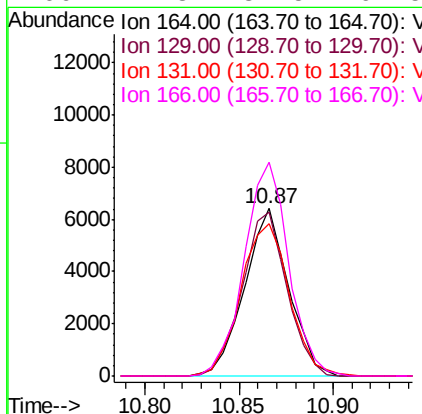
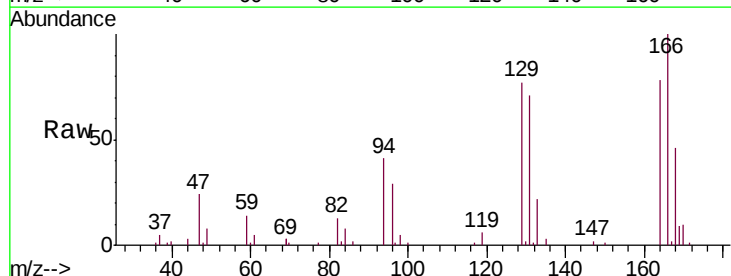
Instrument :
 MSVOA_W
 ClientSampleId :

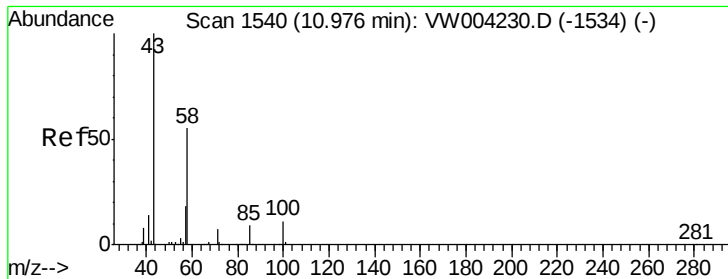
Tot Ion: 63 Resp: 11845
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#47
 Tetrachloroethene
 Concen: 4.325 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: VW004240.D
 Acq: 26 Jul 2018 20:43

Tgt Ion:164 Resp: 10430
 Ion Ratio Lower Upper
 164 100
 129 97.8 63.4 117.8
 131 90.9 63.1 117.1
 166 127.8 87.5 162.5





#49

2-Hexanone

Concen: 3.709 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004240.D

Acq: 26 Jul 2018 20:43

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 8056

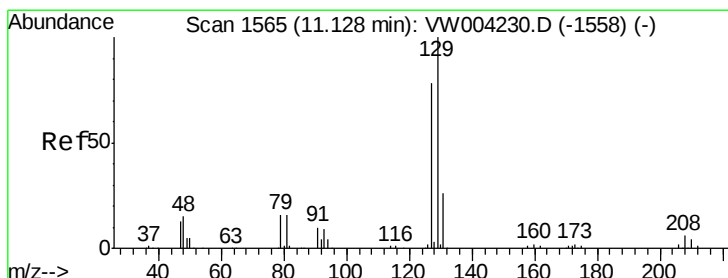
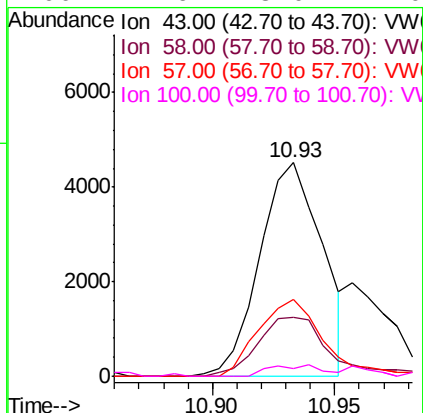
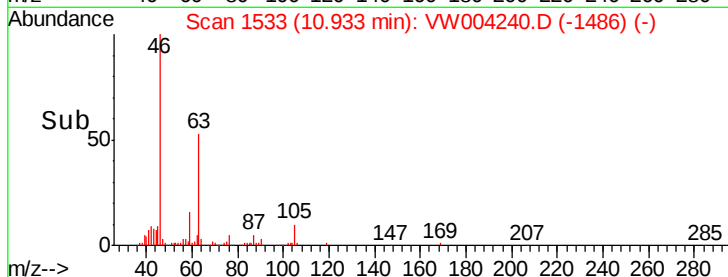
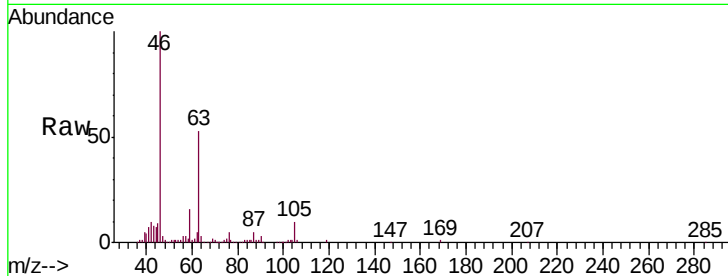
Ion Ratio Lower Upper

43 100

58 32.4 39.8 59.8#

57 37.2 13.9 20.9#

100 2.6 8.0 12.0#



#50

Dibromochloromethane

Concen: 3.775 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.26 min

Lab File: VW004240.D

Acq: 26 Jul 2018 20:43

Tgt Ion: 129 Resp: 10401

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#

