

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080218\
 Data File : VW004428.D
 Acq On : 03 Aug 2018 05:22
 Operator : SY/AP
 Sample : J4268-02
 Misc : 5.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AA3

Quant Time: Aug 03 06:38:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 05:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	62982	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	56296	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	20146	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	14957	19.09	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
7) Chloroethane-d5	2.89	69	19781	30.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.08%
10) 1,1-Dichloroethene-d2	4.01	63	21923	13.78	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.12%
20) 2-Butanone-d5	7.09	46	2342	6.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	13.56%#
24) Chloroform-d	7.65	84	62000	36.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	145.44%
26) 1,2-Dichloroethane-d4	8.31	65	51617	54.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	217.20%#
29) Benzene-d6	8.28	84	82404	27.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.04%
33) 1,2-Dichloropropane-d6	9.28	67	45587	46.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	186.32%#
37) Toluene-d8	10.33	98	51174	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.52%
38) trans-1,3-Dichloropropene-	10.59	79	6526	16.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.84%
39) 2-Hexanone-d5	10.93	63	2475	10.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	20.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	64416	60.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	242.76%#
61) 1,2-Dichlorobenzene-d4	13.87	152	21496	28.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.64%

Target Compounds

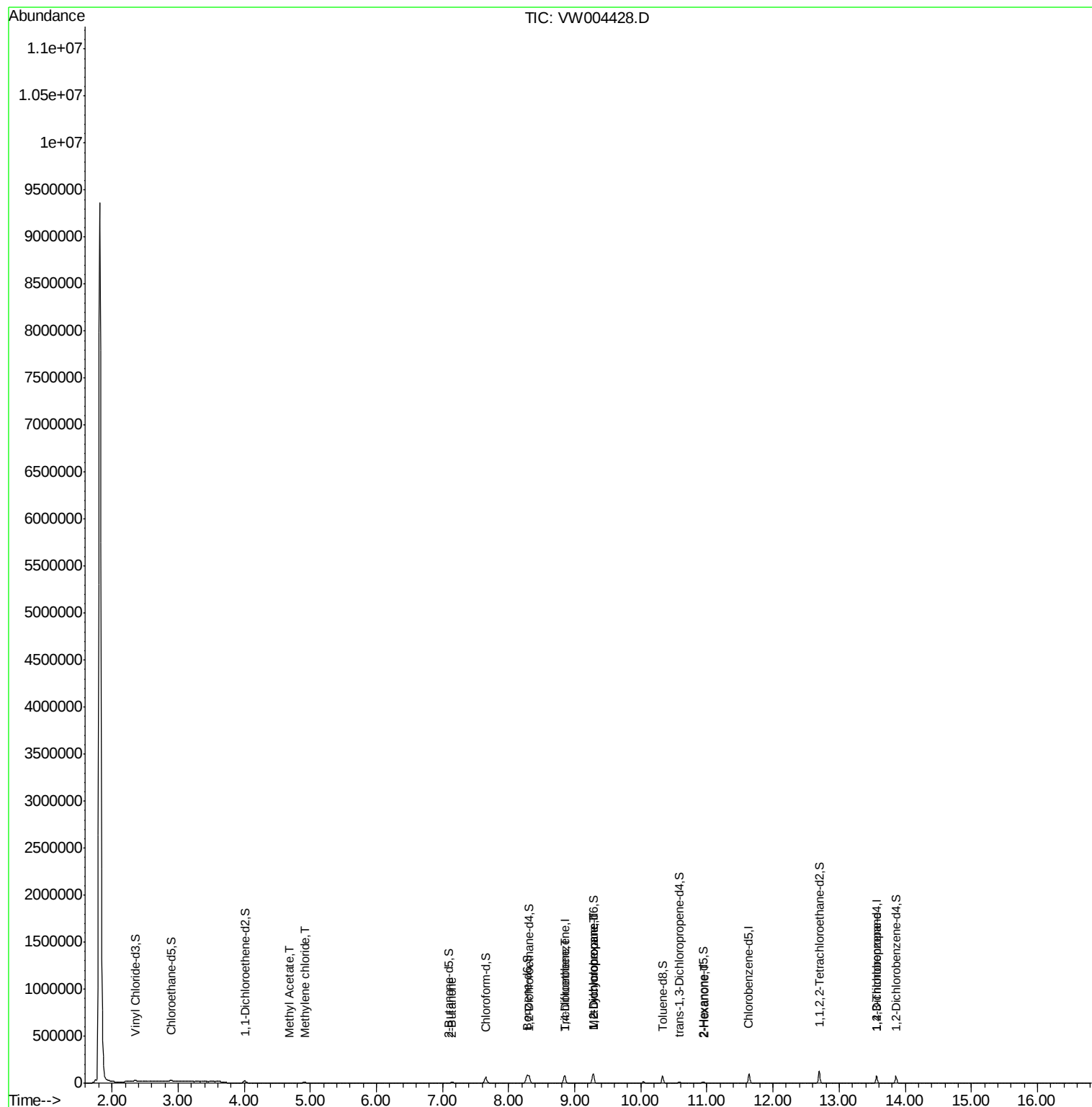
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	4.68	43	2663	4.366	ug/L	99
16) Methylene chloride	4.91	84	5975	4.776	ug/L	81
21) 2-Butanone	7.15	43	2663	6.501	ug/L #	53
35) Trichloroethene	8.84	95	2077	2.379	ug/L #	6
36) Methylcyclohexane	9.29	83	10447	6.817	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	5001	5.440	ug/L #	88
49) 2-Hexanone	10.96	43	2430	4.691	ug/L #	43
59) 1,2,3-Trichloropropane	13.56	75	2884	3.723	ug/L	92

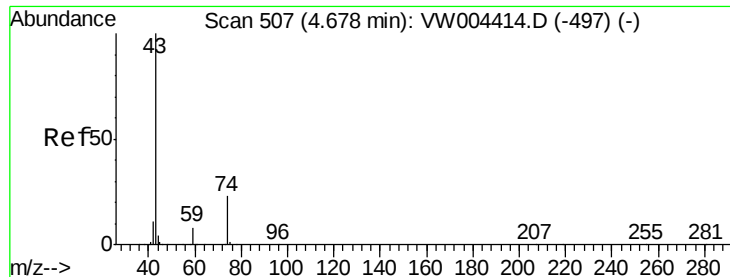
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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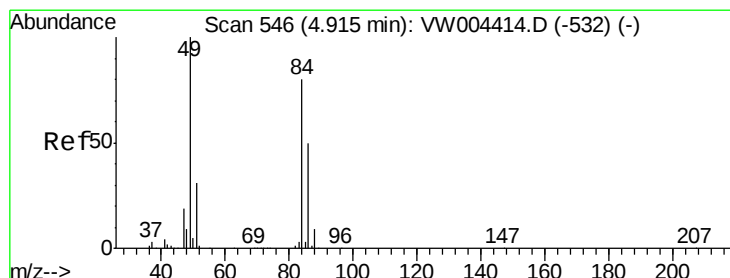
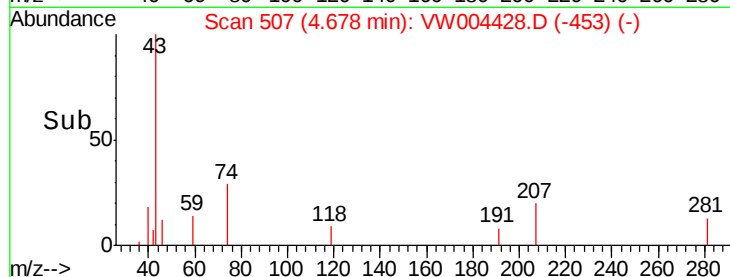
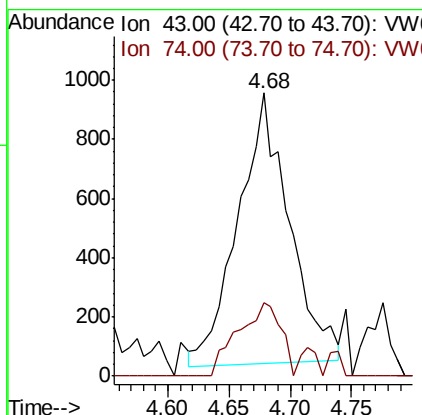
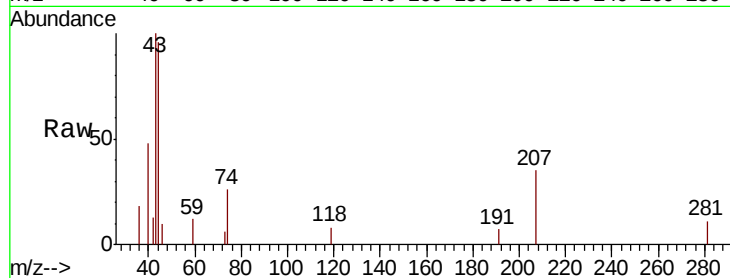




#15
Methyl Acetate
Concen: 4.366 ug/L
RT: 4.68 min Scan# 507
Delta R.T. 0.00 min
Lab File: VW004428.D
Acq: 03 Aug 2018 05:22

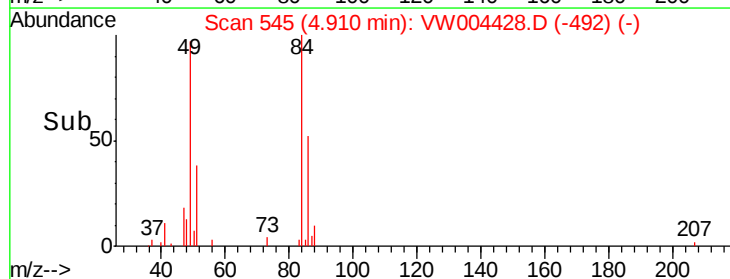
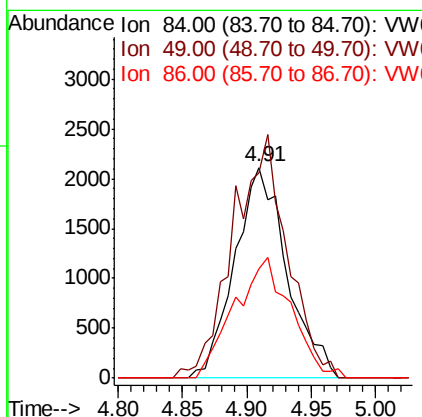
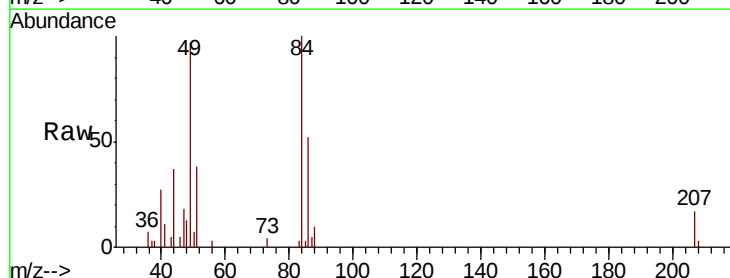
Instrument :
MSVOA_W
ClientSampled :
C0AA3

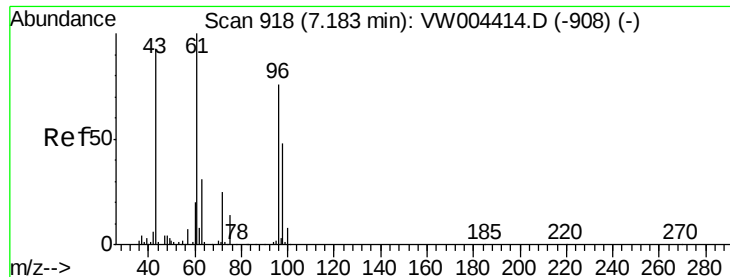
Tot Ion: 43 Resp: 2663
Ion Ratio Lower Upper
43 100
74 22.7 18.6 28.0



#16
Methylene chloride
Concen: 4.776 ug/L
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004428.D
Acq: 03 Aug 2018 05:22

Tgt Ion: 84 Resp: 5975
Ion Ratio Lower Upper
84 100
49 97.4 86.0 159.6
86 52.1 43.5 80.9





#21

2-Butanone

Concen: 6.501 ug/L

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW004428.D

Acq: 03 Aug 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

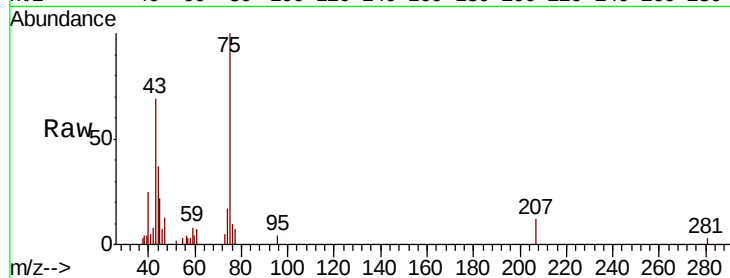
C0AA3

Tot Ion: 43 Resp: 2663

Ion Ratio Lower Upper

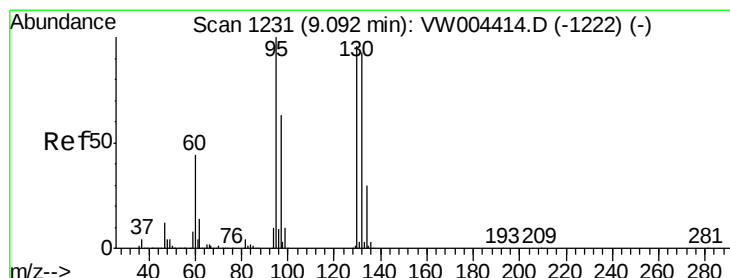
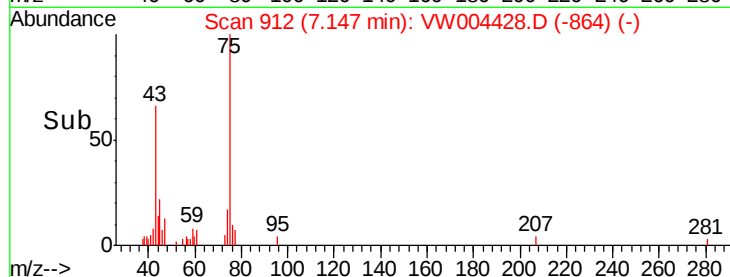
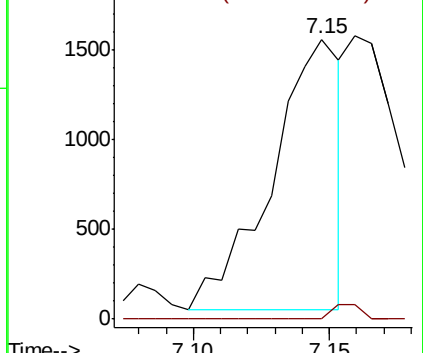
43 100

72 2.2 13.2 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.379 ug/L

RT: 8.84 min Scan# 1190

Delta R.T. -0.25 min

Lab File: VW004428.D

Acq: 03 Aug 2018 05:22

Tgt Ion: 95 Resp: 2077

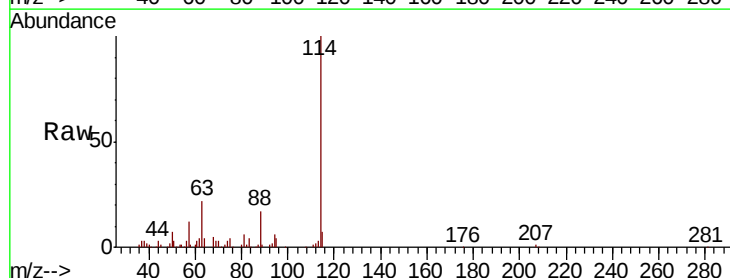
Ion Ratio Lower Upper

95 100

97 1.3 44.9 83.5#

132 0.0 67.6 125.6#

130 0.0 69.1 128.3#

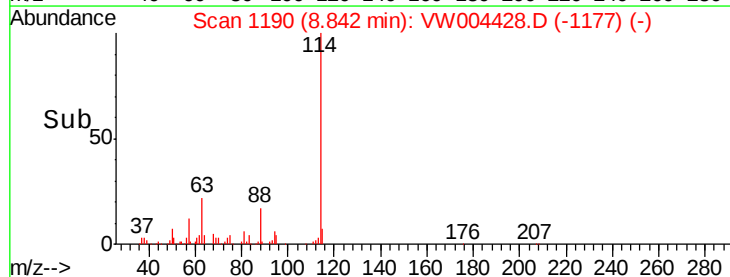
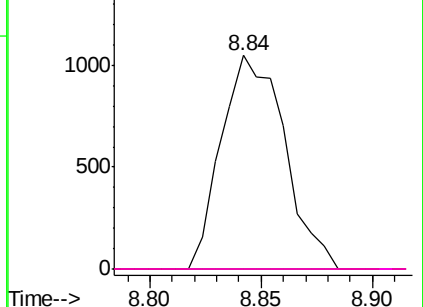


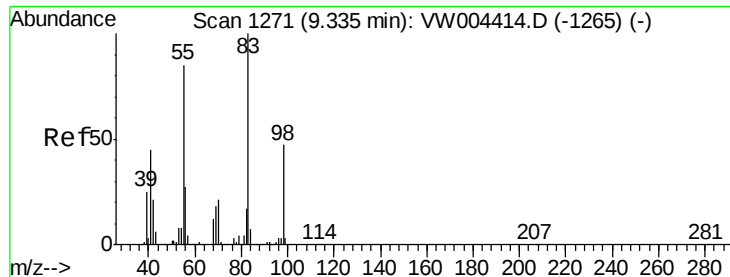
Abundance Ion 95.00 (94.70 to 95.70): VW

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

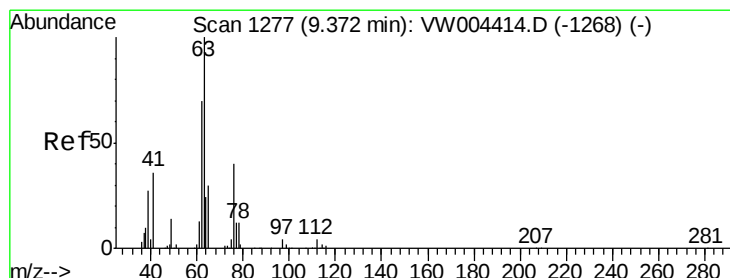
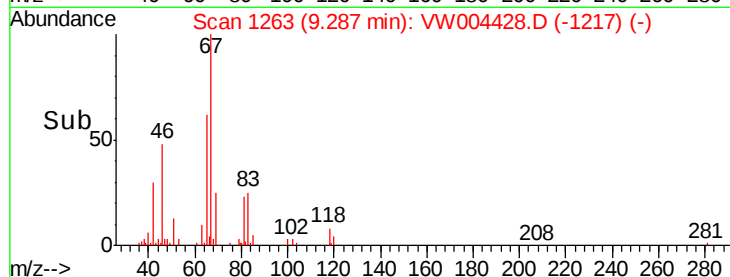
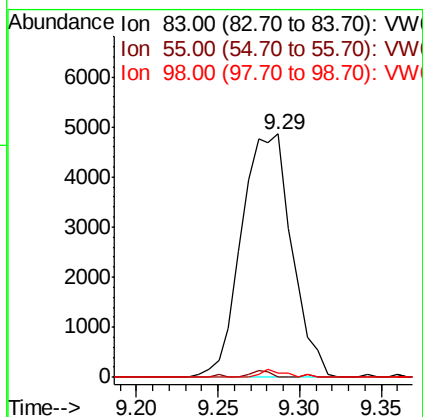
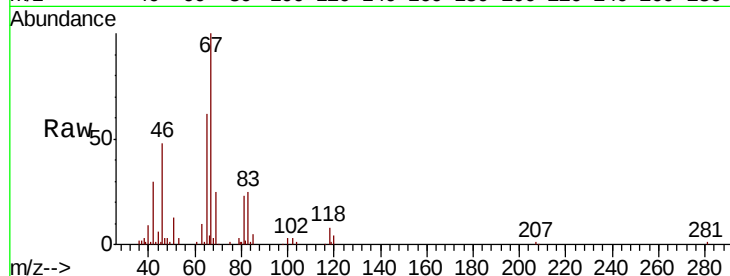




#36
Methvlcvclohexane
Concen: 6.817 ug/L
RT: 9.29 min Scan# 1263
Delta R.T. -0.05 min
Lab File: VW004428.D
Acq: 03 Aug 2018 05:22

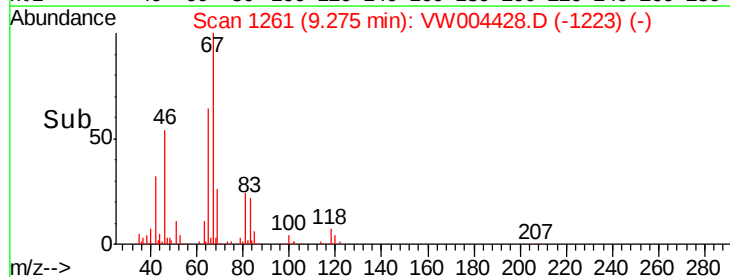
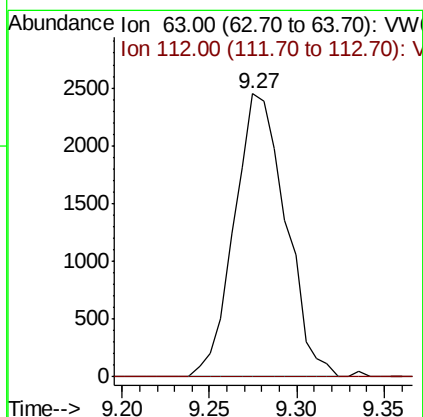
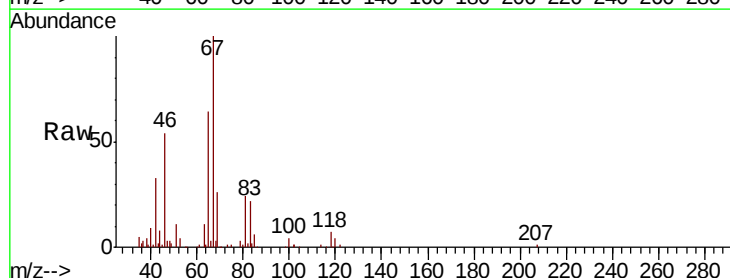
Instrument :
MSVOA_W
ClientSampleId :
C0AA3

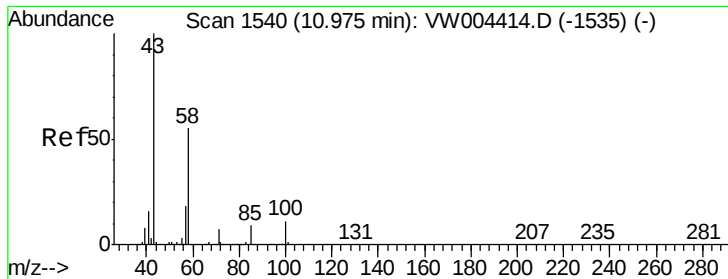
Tot Ion	83	Resp	10447
Ion Ratio	100	Lower	Upper
55	1.1	62.8	94.2#
98	1.3	36.6	54.8#



#40
1,2-Dichloropropane
Concen: 5.440 ug/L
RT: 9.27 min Scan# 1261
Delta R.T. -0.10 min
Lab File: VW004428.D
Acq: 03 Aug 2018 05:22

Tgt Ion	63	Resp	5001
Ion Ratio	100	Lower	Upper
112	0.0	3.0	4.6#





#49

2-Hexanone

Concen: 4.691 ug/L

RT: 10.96 min Scan# 1538

Delta R.T. -0.01 min

Lab File: VW004428.D

Acq: 03 Aug 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

C0AA3

Tot Ion: 43 Resp: 2430

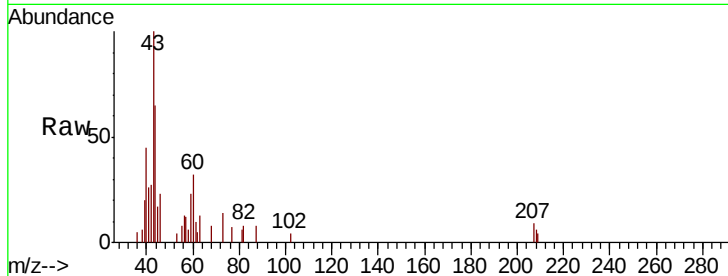
Ion Ratio Lower Upper

43 100

58 5.1 43.4 65.0#

57 0.0 15.0 22.6#

100 0.0 8.9 13.3#

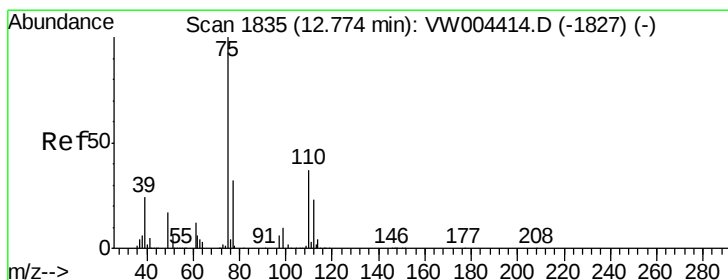
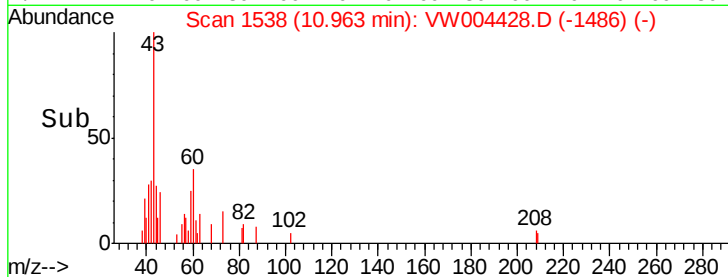
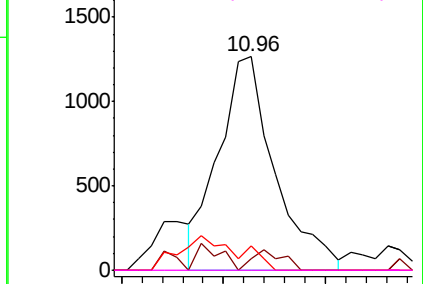


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#59

1,2,3-Trichloropropane

Concen: 3.723 ug/L

RT: 13.56 min Scan# 1964

Delta R.T. 0.79 min

Lab File: VW004428.D

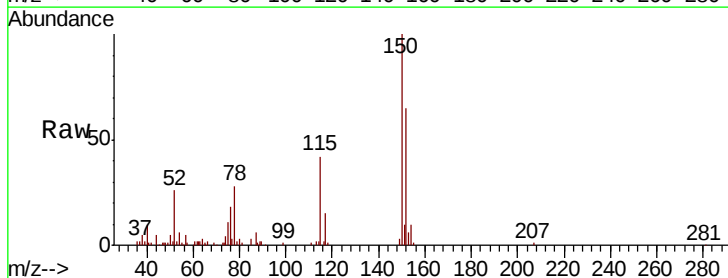
Acq: 03 Aug 2018 05:22

Tgt Ion: 75 Resp: 2884

Ion Ratio Lower Upper

75 100

77 36.2 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

