

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004375.D
 Acq On : 01 Aug 2018 14:28
 Operator : SY/AP
 Sample : J4204-17
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 02 03:57:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 03:56:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	207398	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	199287	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	86024	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	58323	36.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	144.36%
7) Chloroethane-d5	2.89	69	52095	32.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.56%
10) 1,1-Dichloroethene-d2	4.01	63	84878	18.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.76%
20) 2-Butanone-d5	7.09	46	42193	42.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.22%
24) Chloroform-d	7.65	84	136211	26.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.28%
26) 1,2-Dichloroethane-d4	8.31	65	84544	29.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.80%
29) Benzene-d6	8.27	84	258981	25.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.64%
33) 1,2-Dichloropropane-d6	9.28	67	76793	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.36%
37) Toluene-d8	10.33	98	243311	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.96%
38) trans-1,3-Dichloropropene-	10.58	79	35425	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.96%
39) 2-Hexanone-d5	10.93	63	25637	31.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.64%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	81652	24.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	91754	27.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.64%

Target Compounds

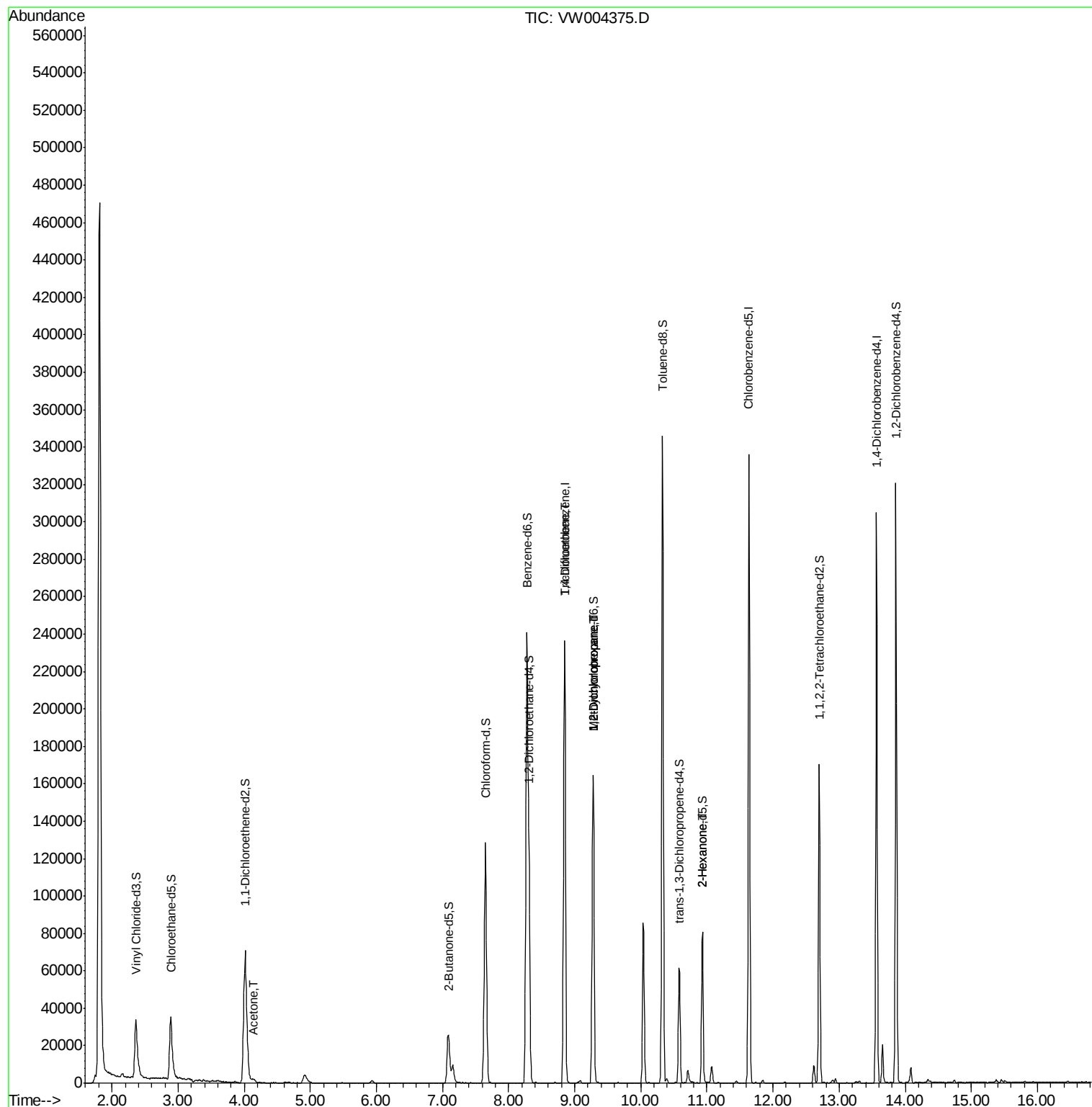
				Ovalue
13) Acetone	4.14	43	2303	2.627 ug/L 99
35) Trichloroethene	8.85	95	6346	2.052 ug/L # 3
36) Methylcyclohexane	9.28	83	20217	3.665 ug/L # 21
40) 1,2-Dichloropropane	9.28	63	8901	3.071 ug/L # 87
49) 2-Hexanone	10.93	43	3764	2.159 ug/L # 65

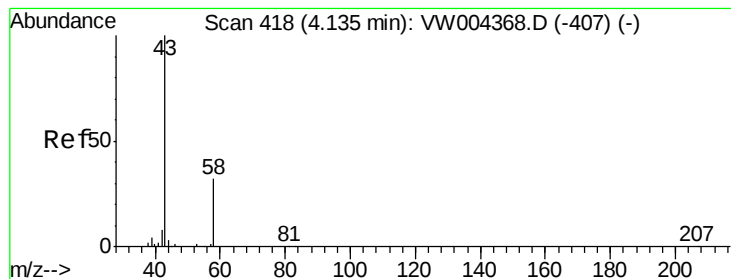
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 02 03:56:08 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.627 ug/L

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004375.D

Acq: 01 Aug 2018 14:28

Instrument :

MSVOA_W

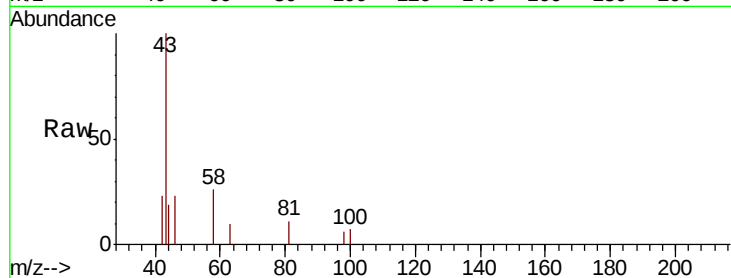
ClientSampled :

Tot Ion: 43 Resp: 2303

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.8

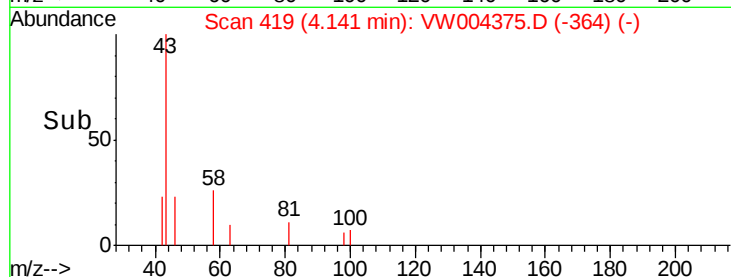


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

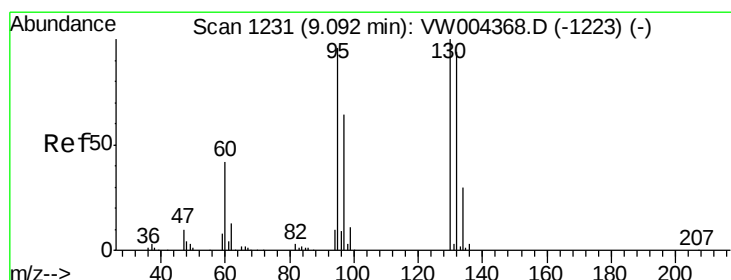
4.14

Time-->



Abundance

Time-->



#35

Trichloroethene

Concen: 2.052 ug/L

RT: 8.85 min Scan# 1191

Delta R.T. -0.24 min

Lab File: VW004375.D

Acq: 01 Aug 2018 14:28

Tgt Ion: 95 Resp: 6346

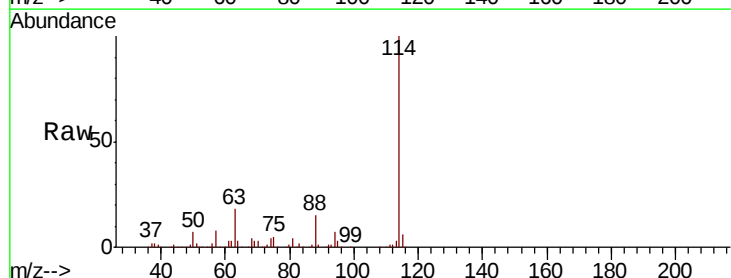
Ion Ratio Lower Upper

95 100

97 0.0 45.6 84.6#

132 0.0 71.2 132.2#

130 0.0 73.9 137.3#



Abundance Ion 95.00 (94.70 to 95.70): VW

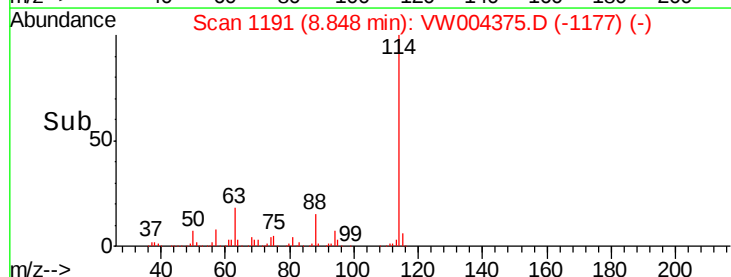
Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

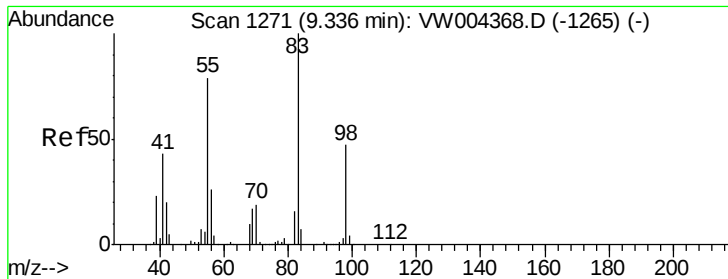
8.85

Time-->



Abundance

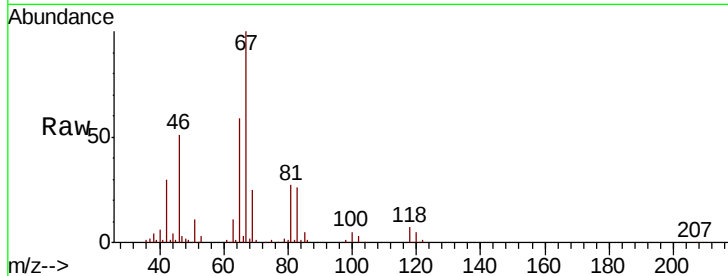
Time-->



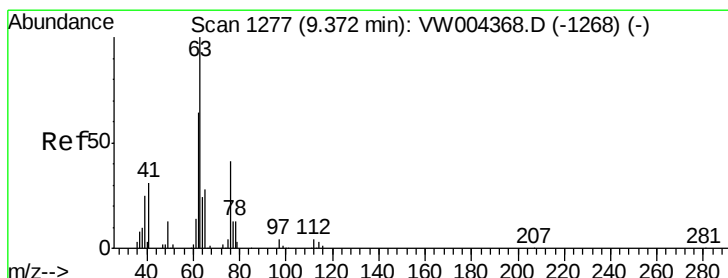
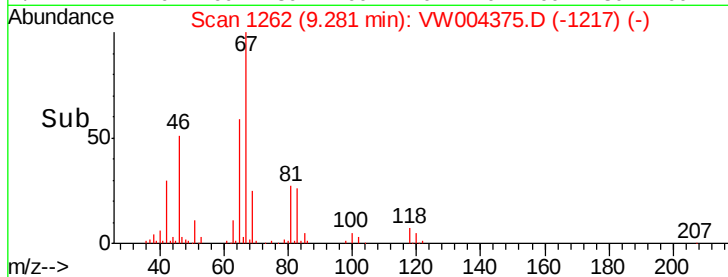
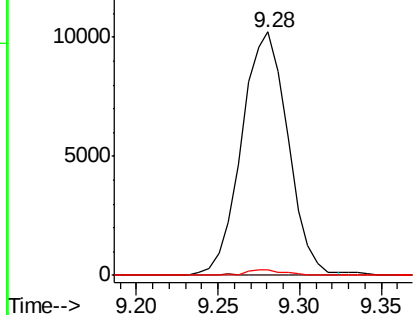
#36
Methvlcvclohexane
Concen: 3.665 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.05 min
Lab File: VW004375.D
Acq: 01 Aug 2018 14:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 20217
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.2#
98 1.8 37.7 56.5#

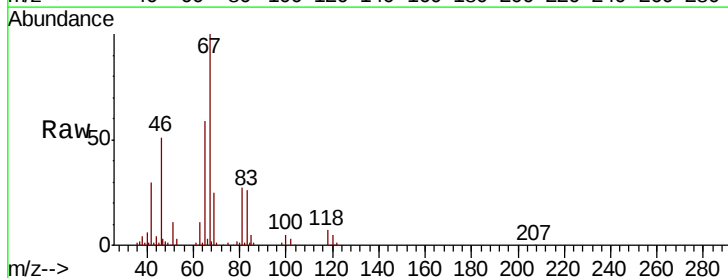


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

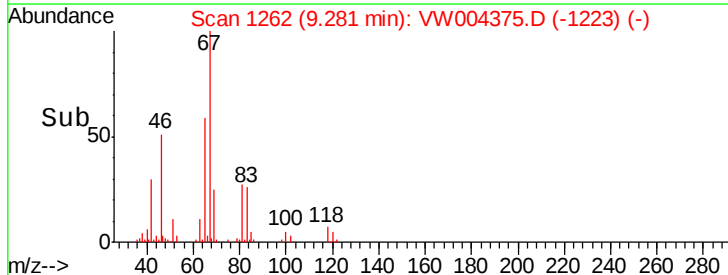
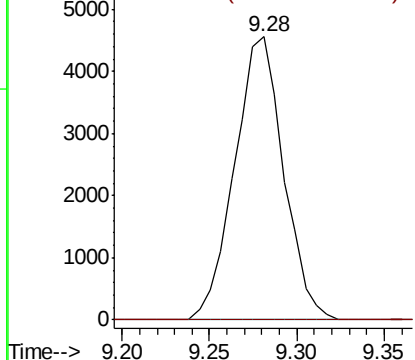


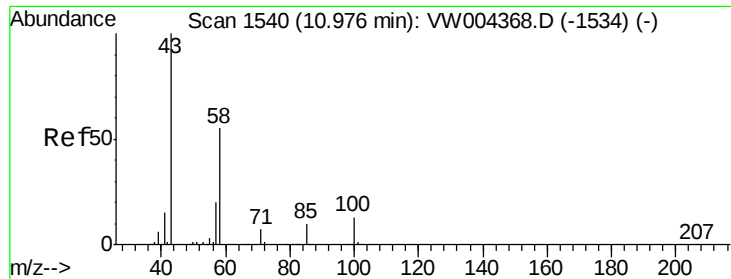
#40
1,2-Dichloropropane
Concen: 3.071 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW004375.D
Acq: 01 Aug 2018 14:28

Tgt Ion: 63 Resp: 8901
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#49

2-Hexanone

Concen: 2.159 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

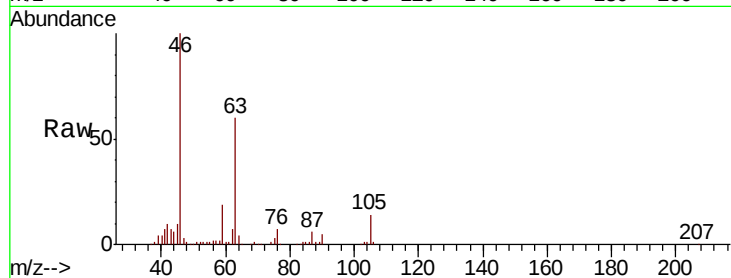
Lab File: VW004375.D

Acq: 01 Aug 2018 14:28

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	43	Resp:	3764
Ion	Ratio	Lower	Upper
43	100		
58	25.6	44.0	66.0#
57	30.0	16.0	24.0#
100	0.0	10.7	16.1#

