

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007393.D
 Acq On : 11 Dec 2018 13:40
 Operator : SY/AP
 Sample : J6270-01
 Misc : 6.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:41:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:18:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	132006	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	111337	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44034	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23043	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.20%
7) Chloroethane-d5	2.89	69	17836	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
10) 1,1-Dichloroethene-d2	4.01	63	57585	19.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.68%
20) 2-Butanone-d5	7.07	46	23831	43.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.94%
24) Chloroform-d	7.65	84	80520	25.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.44%
26) 1,2-Dichloroethane-d4	8.31	65	48928	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.44%
29) Benzene-d6	8.27	84	156774	25.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.72%
33) 1,2-Dichloropropane-d6	9.27	67	46215	26.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.12%
37) Toluene-d8	10.32	98	147291	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.92%
38) trans-1,3-Dichloropropene-	10.58	79	22859	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.64%
39) 2-Hexanone-d5	10.93	63	18740	45.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	40398	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	40907	26.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.64%

Target Compounds

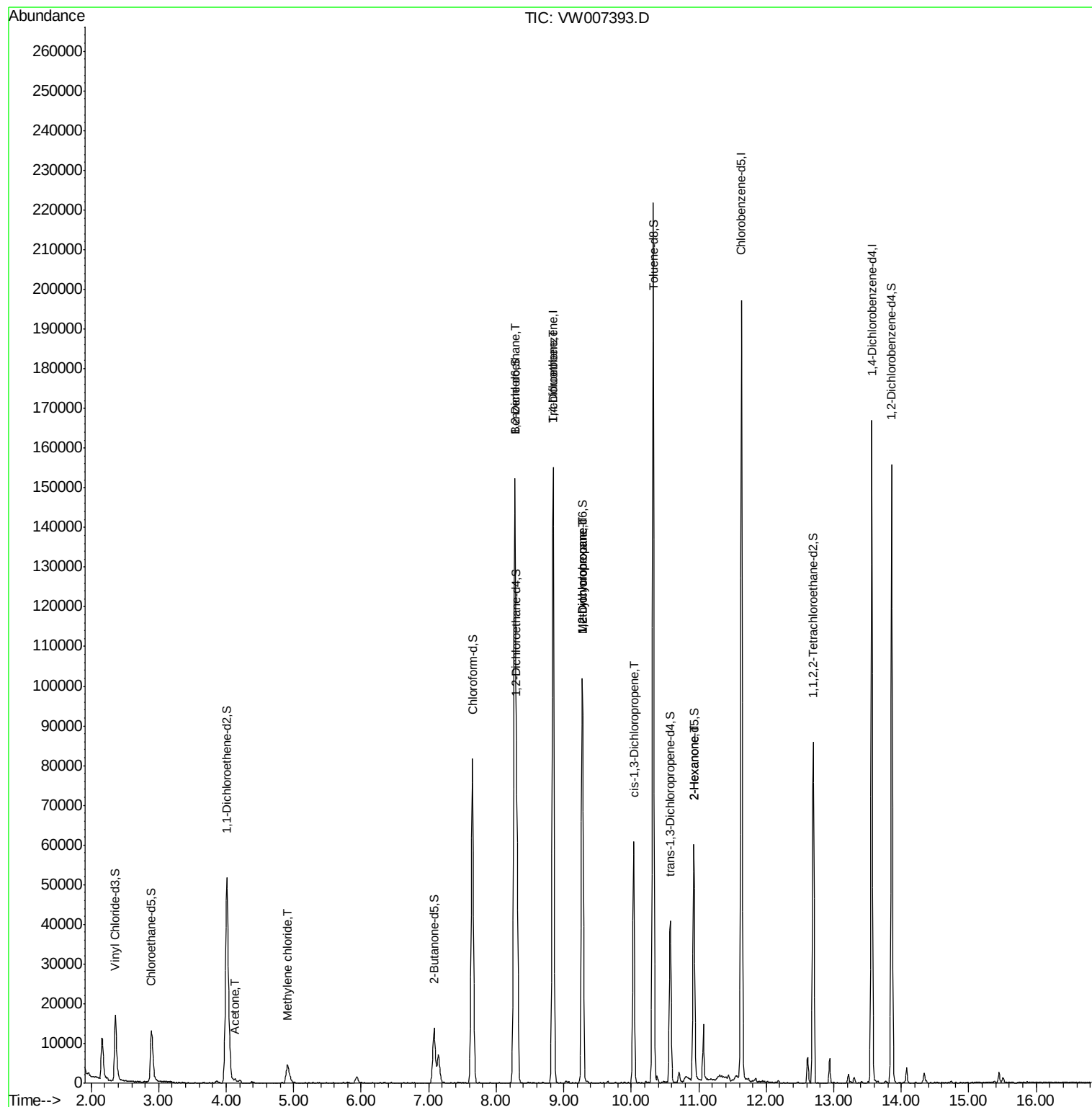
					Ovalue
13) Acetone	4.12	43	1122	1.780 ug/L	88
16) Methylene chloride	4.90	84	4413	2.069 ug/L	93
27) 1,2-Dichloroethane	8.27	62	995	0.454 ug/L #	76
35) Trichloroethene	8.84	95	3864	2.112 ug/L #	4
36) Methylcyclohexane	9.27	83	12290	3.890 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	5783	3.705 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1623	0.619 ug/L #	53
49) 2-Hexanone	10.92	43	2985	3.437 ug/L #	63

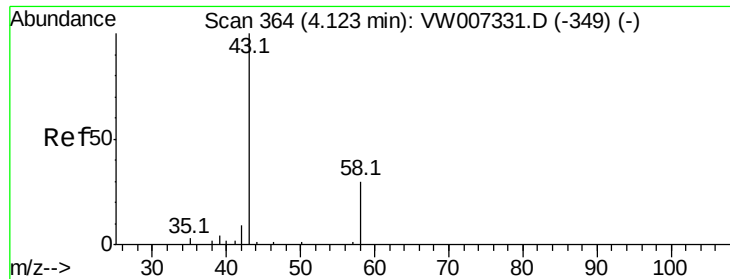
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.780 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007393.D

Acq: 11 Dec 2018 13:40

Instrument :

MSVOA_W

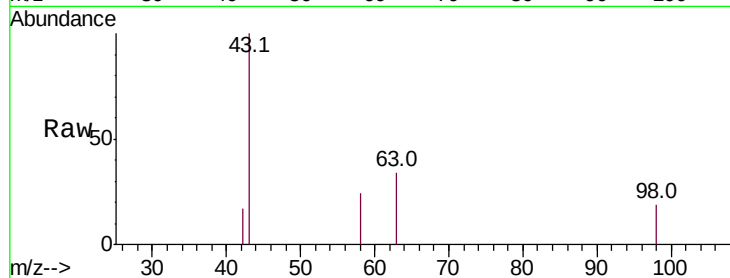
ClientSampled :

Tot Ion: 43 Resp: 1122

Ion Ratio Lower Upper

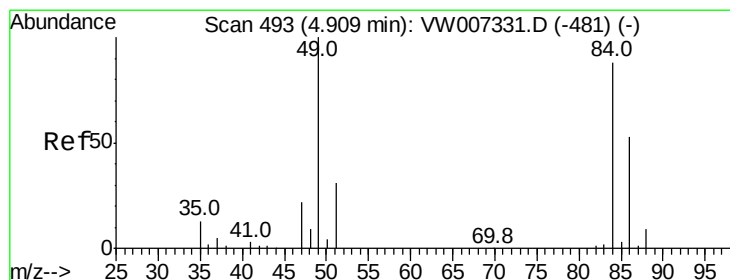
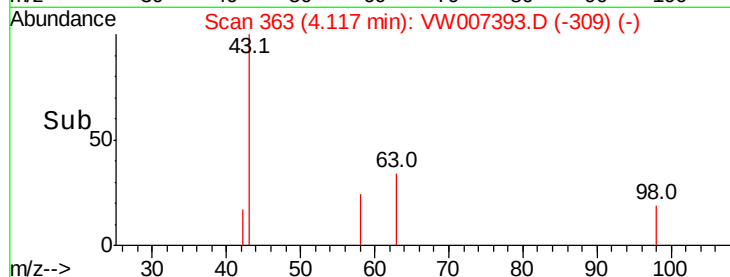
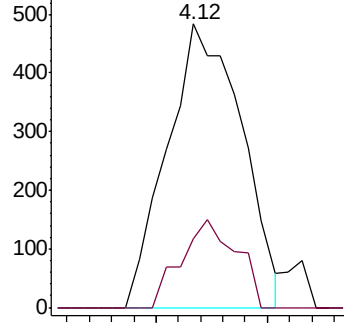
43 100

58 23.1 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.069 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW007393.D

Acq: 11 Dec 2018 13:40

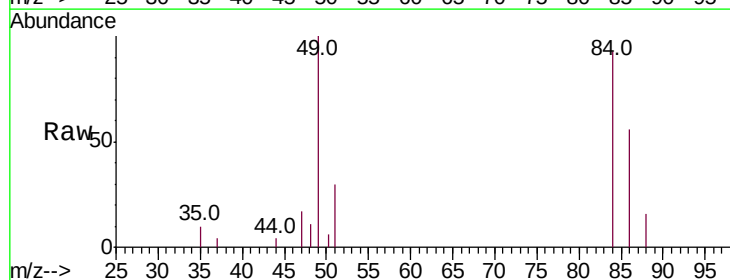
Tgt Ion: 84 Resp: 4413

Ion Ratio Lower Upper

84 100

49 107.6 80.8 150.2

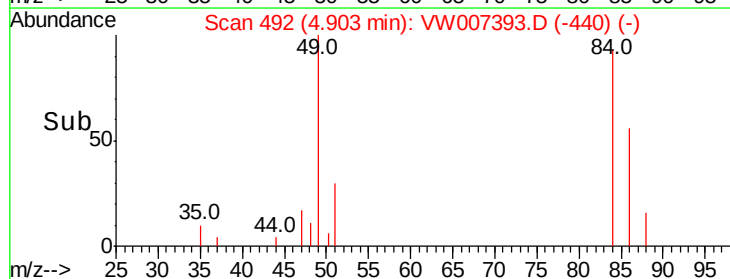
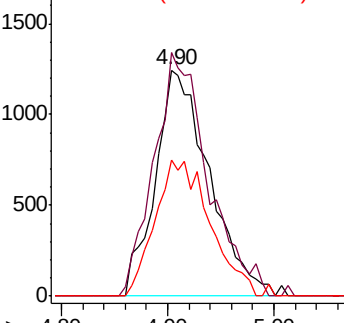
86 60.1 45.8 85.2

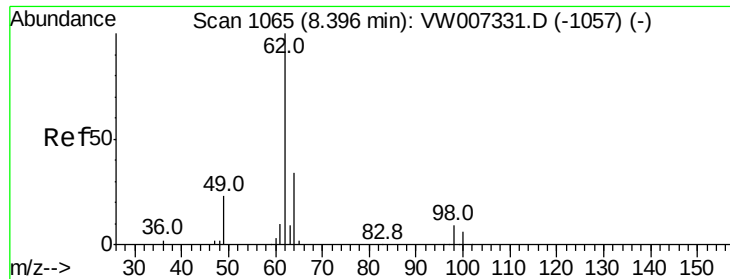


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

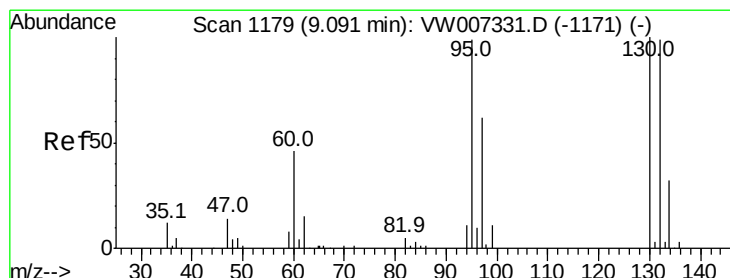
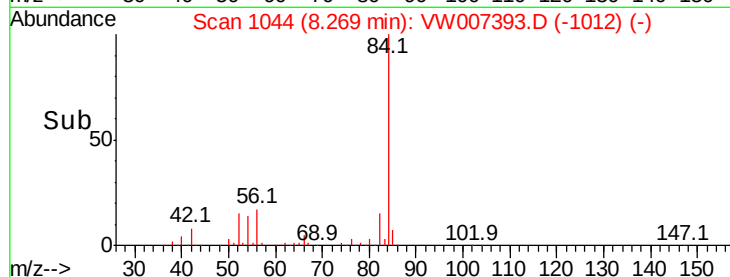
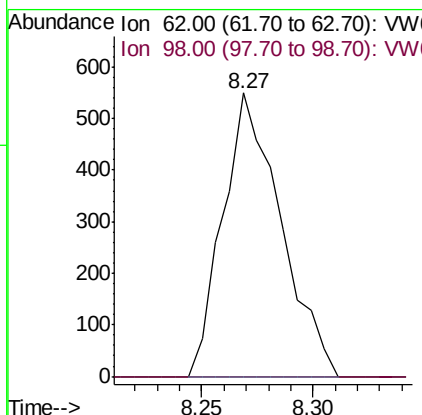
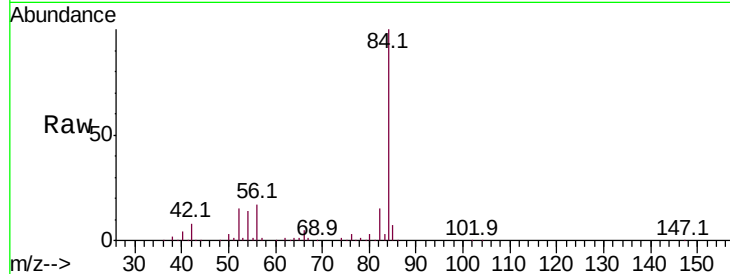




#27
 1,2-Dichloroethane
 Concen: 0.454 ug/L
 RT: 8.27 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW007393.D
 Acq: 11 Dec 2018 13:40

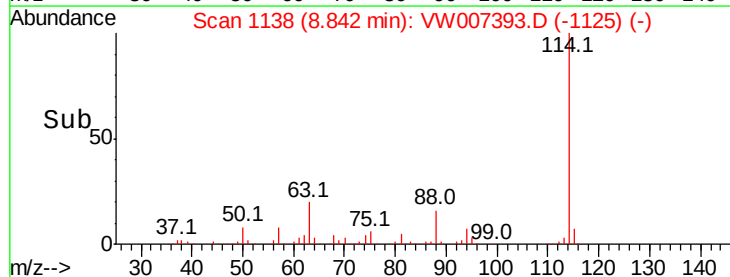
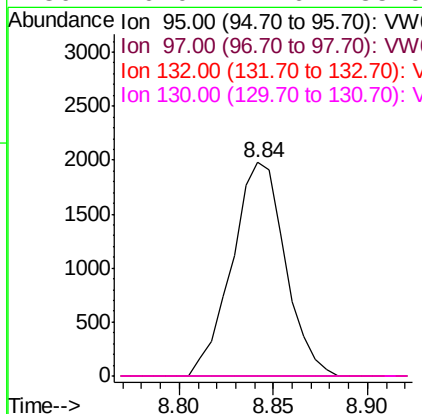
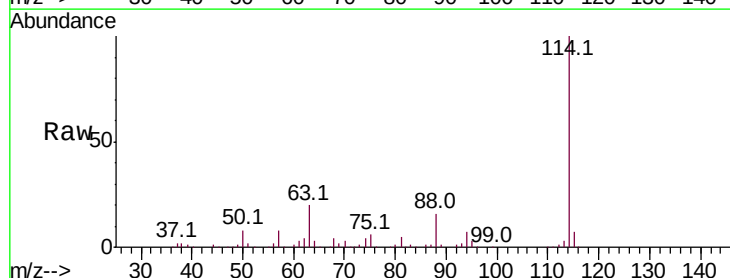
Instrument :
 MSVOA_W
 ClientSampleId :

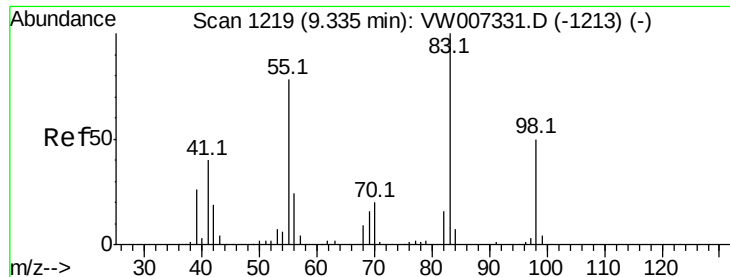
Tot Ion: 62 Resp: 995
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.9 10.3#



#35
 Trichloroethene
 Concen: 2.112 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW007393.D
 Acq: 11 Dec 2018 13:40

Tgt Ion: 95 Resp: 3864
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.8 85.0#
 132 0.0 68.0 126.4#
 130 0.0 71.6 133.0#

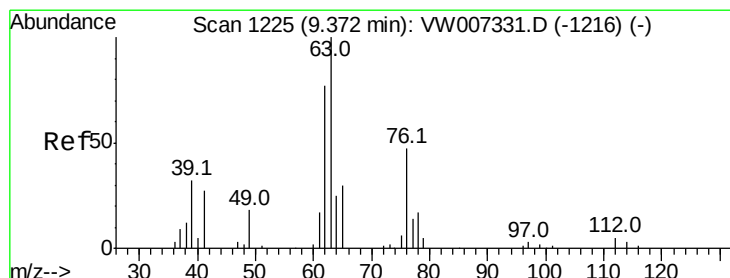
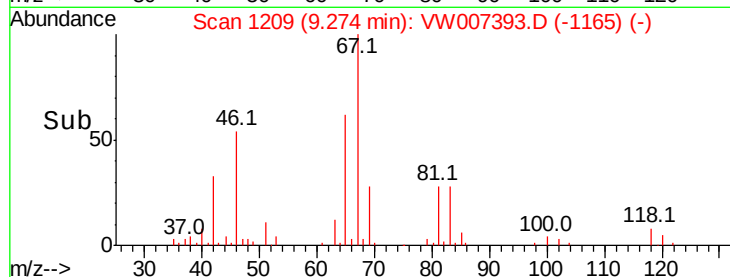
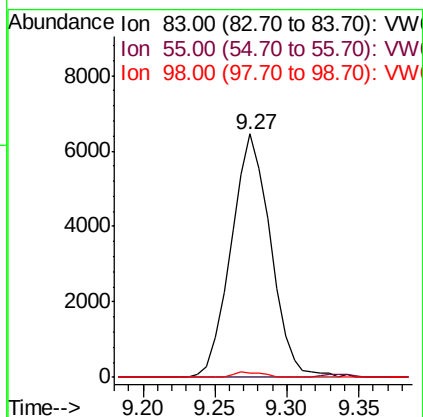
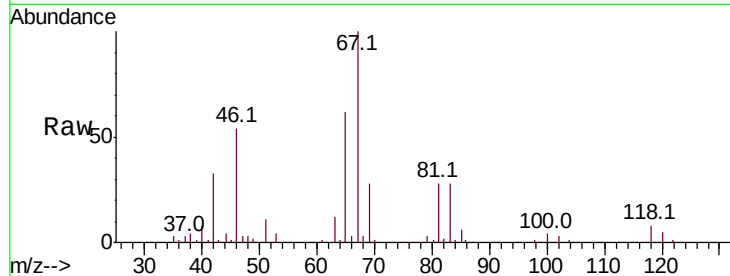




#36
Methvlcvclohexane
Concen: 3.890 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007393.D
Acq: 11 Dec 2018 13:40

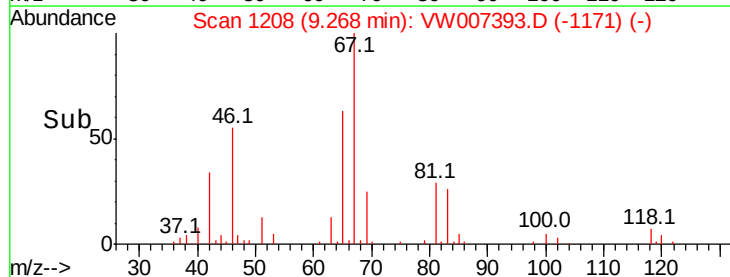
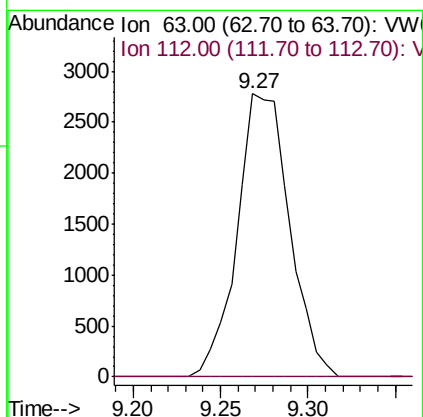
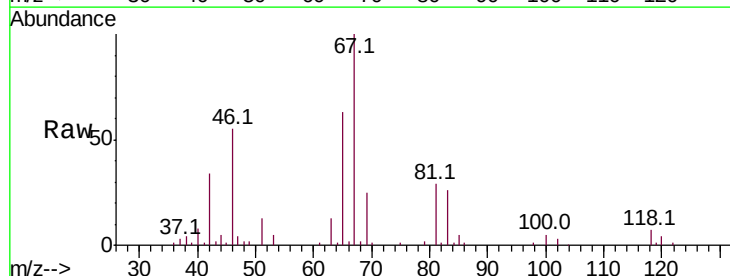
Instrument :
MSVOA_W
ClientSampleId :

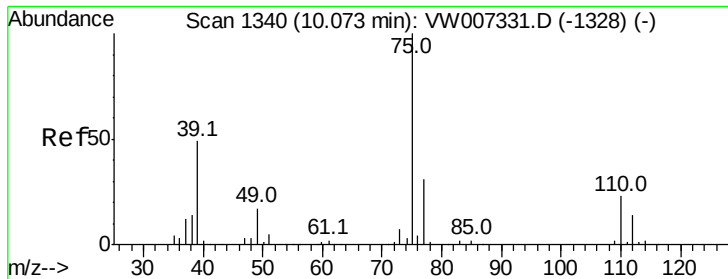
Tot Ion: 83 Resp: 12290
Ion Ratio Lower Upper
83 100
55 1.0 59.4 89.2#
98 1.6 38.1 57.1#



#40
1,2-Dichloropropane
Concen: 3.705 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW007393.D
Acq: 11 Dec 2018 13:40

Tgt Ion: 63 Resp: 5783
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#42

cis-1,3-Dichloropropene

Concen: 0.619 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007393.D

Acq: 11 Dec 2018 13:40

Instrument :

MSVOA_W

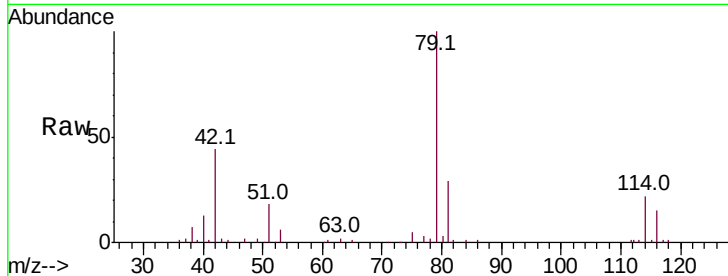
ClientSampled :

Tot Ion: 75 Resp: 1623

Ion Ratio Lower Upper

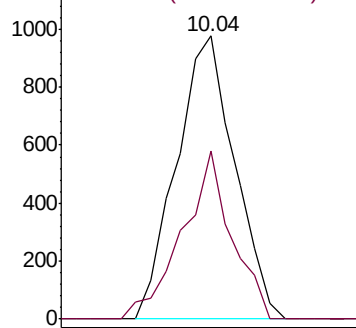
75 100

77 59.5 23.0 42.6#

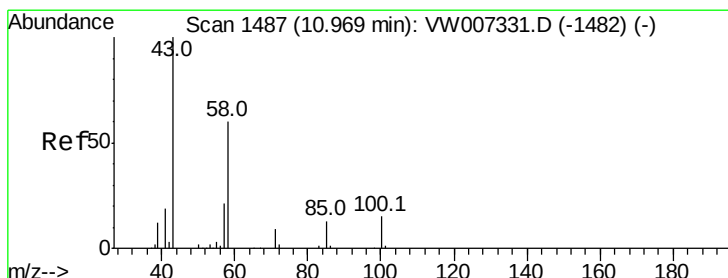
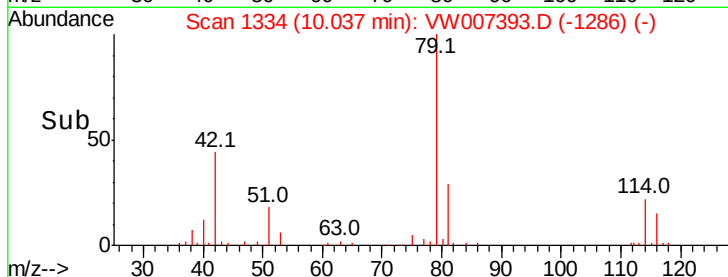


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->



#49

2-Hexanone

Concen: 3.437 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW007393.D

Acq: 11 Dec 2018 13:40

Tgt Ion: 43 Resp: 2985

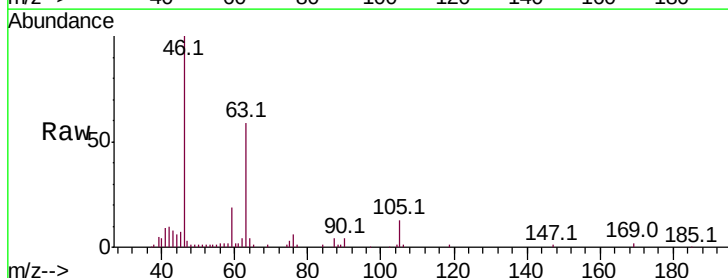
Ion Ratio Lower Upper

43 100

58 20.1 47.2 70.8#

57 21.6 17.6 26.4

100 1.6 12.2 18.2#

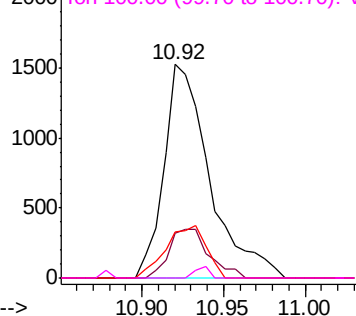


Abundance Ion 43.00 (42.70 to 43.70): VW

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



Time-->

