

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007392.D
 Acq On : 11 Dec 2018 13:14
 Operator : SY/AP
 Sample : J6236-21
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:41:31 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	120794	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	109991	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	53899	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21350	27.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.56%
7) Chloroethane-d5	2.89	69	16178	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.12%
10) 1,1-Dichloroethene-d2	4.01	63	54871	20.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.88%
20) 2-Butanone-d5	7.08	46	27015	54.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.94%
24) Chloroform-d	7.65	84	71244	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.31	65	43025	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.12%
29) Benzene-d6	8.27	84	143125	23.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.84%
33) 1,2-Dichloropropane-d6	9.27	67	40868	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.88%
37) Toluene-d8	10.32	98	139250	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.44%
38) trans-1,3-Dichloropropene-	10.58	79	21184	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.24%
39) 2-Hexanone-d5	10.93	63	21229	51.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	40404	26.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	49903	26.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.28%

Target Compounds

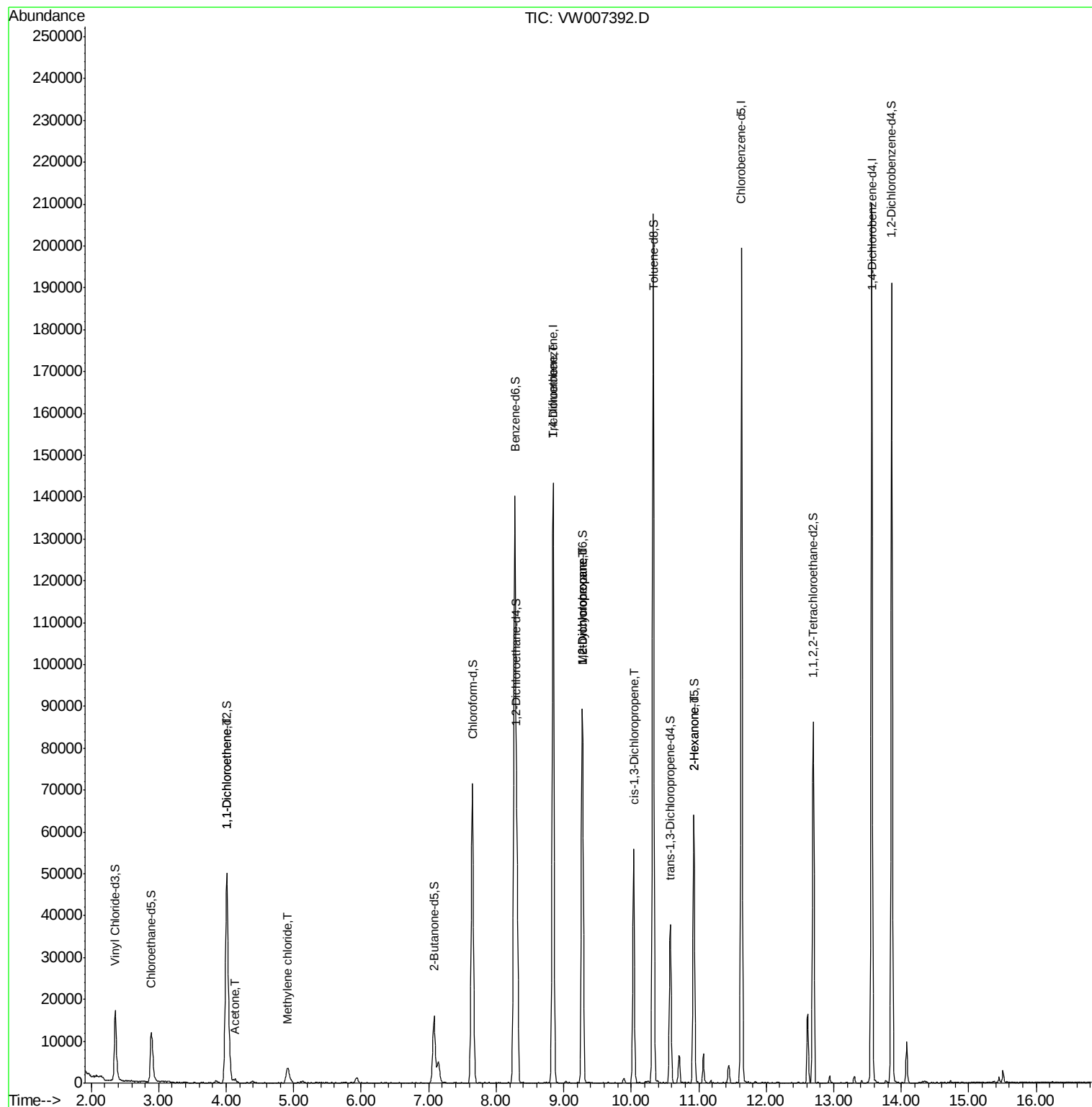
					Ovalue
12) 1,1-Dichloroethene	4.01	96	474	0.334 ug/L #	1
13) Acetone	4.12	43	988	1.713 ug/L	77
16) Methylene chloride	4.90	84	3487	1.787 ug/L #	83
35) Trichloroethene	8.85	95	4049	2.240 ug/L #	4
36) Methylcyclohexane	9.27	83	10417	3.338 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	4975	3.226 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1383	0.534 ug/L #	72
49) 2-Hexanone	10.93	43	2795	3.258 ug/L #	64

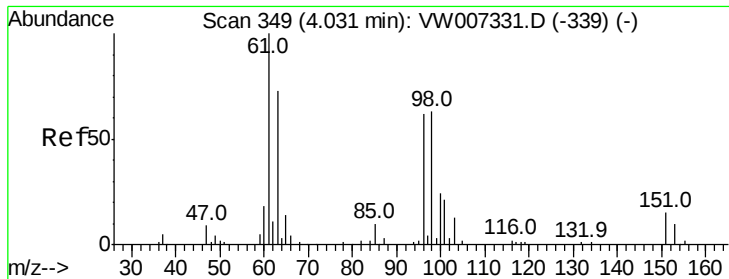
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.334 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW007392.D

Acq: 11 Dec 2018 13:14

Instrument :
MSVOA_W
ClientSampled :

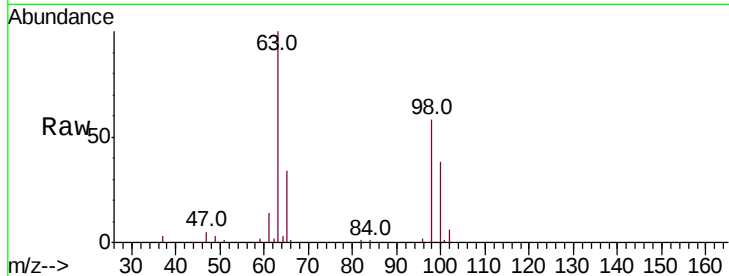
Tot Ion: 96 Resp: 474

Ion Ratio Lower Upper

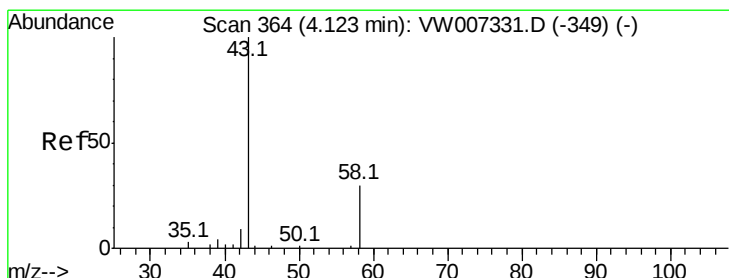
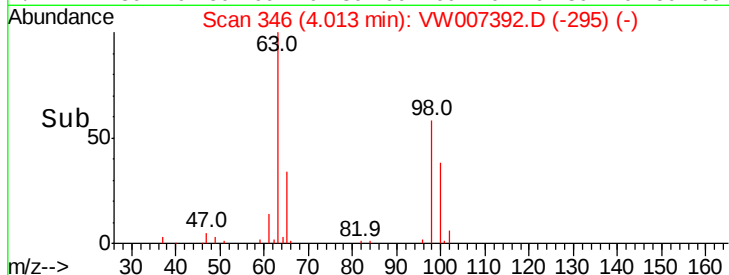
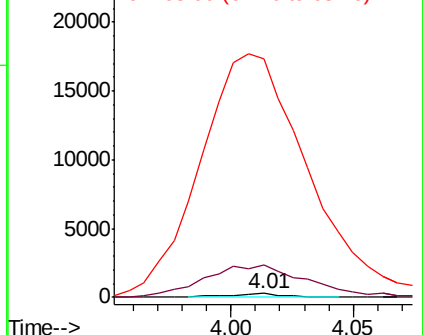
96 100

61 826.5 117.2 217.8#

63 6046.0 89.7 166.7#



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 1.713 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007392.D

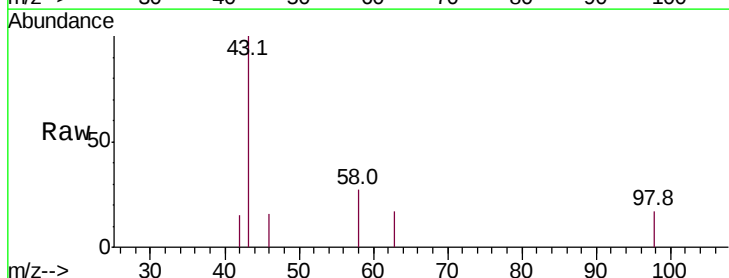
Acq: 11 Dec 2018 13:14

Tgt Ion: 43 Resp: 988

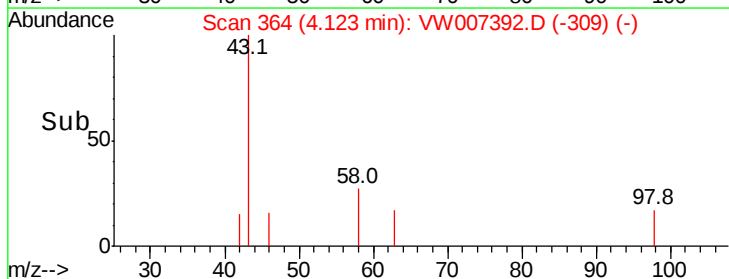
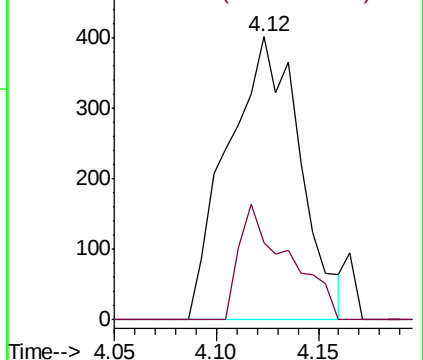
Ion Ratio Lower Upper

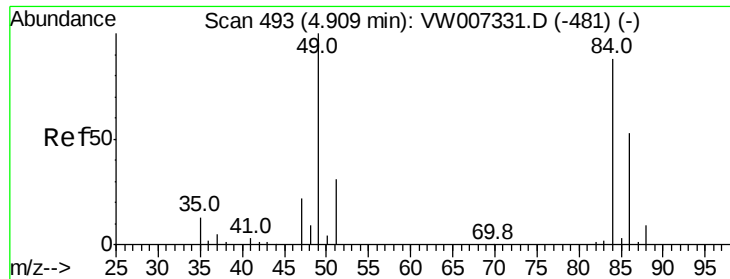
43 100

58 17.4 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

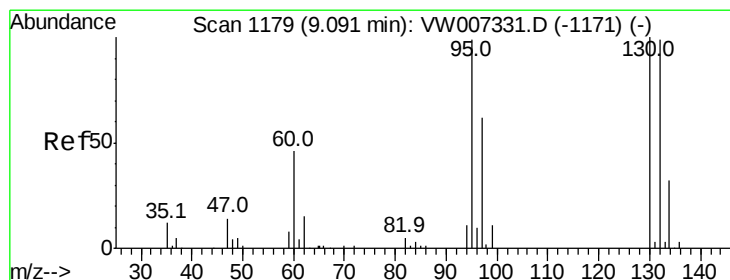
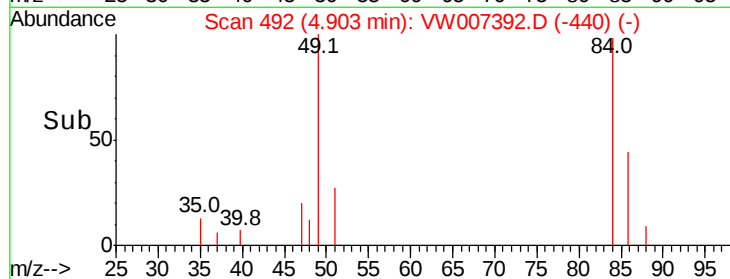
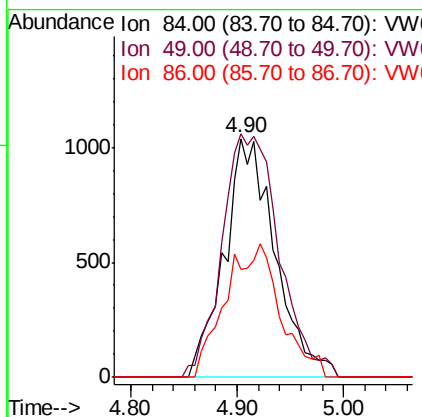
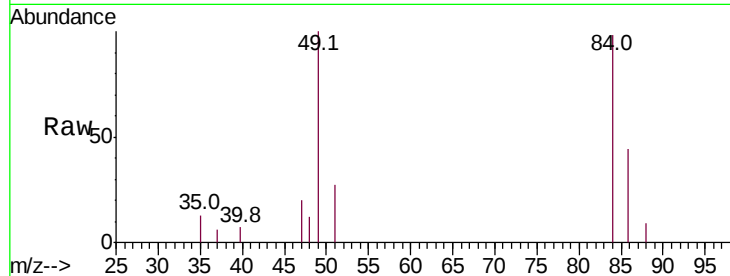




#16
Methvlene chloride
Concen: 1.787 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007392.D
Acq: 11 Dec 2018 13:14

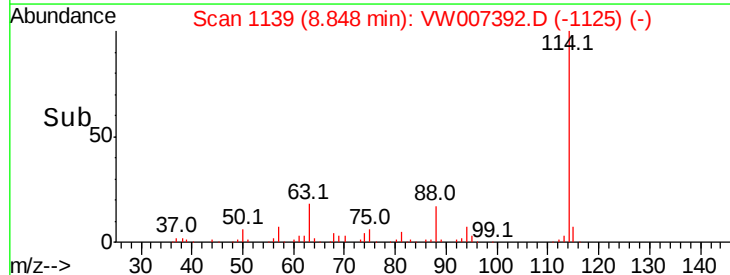
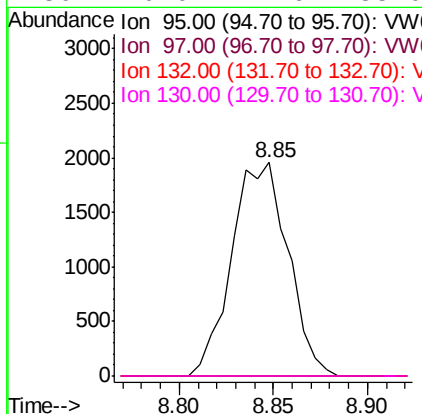
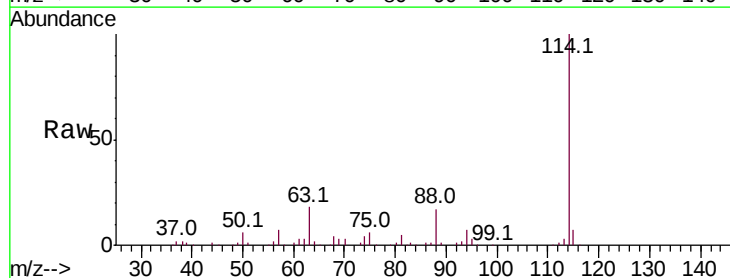
Instrument :
MSVOA_W
ClientSampled :

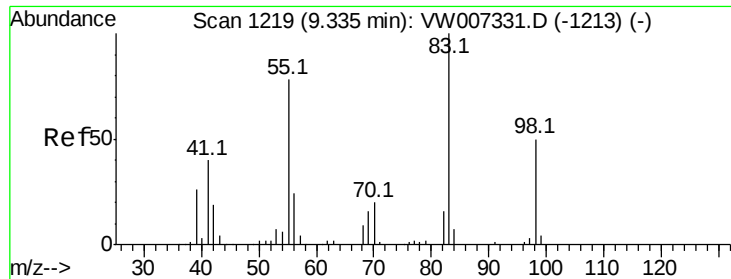
Tot Ion: 84 Resp: 3487
Ion Ratio Lower Upper
84 100
49 102.0 80.8 150.2
86 45.1 45.8 85.2#



#35
Trichloroethene
Concen: 2.240 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW007392.D
Acq: 11 Dec 2018 13:14

Tgt Ion: 95 Resp: 4049
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#

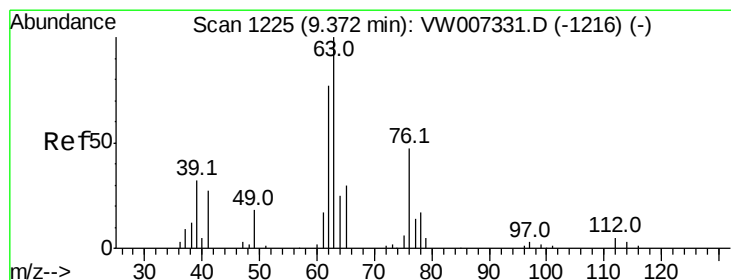
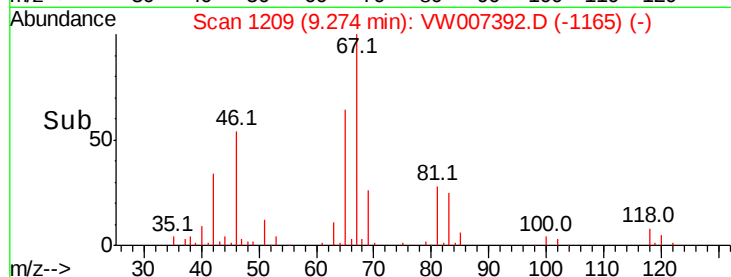
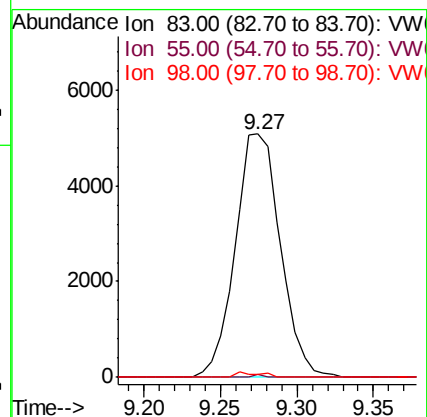
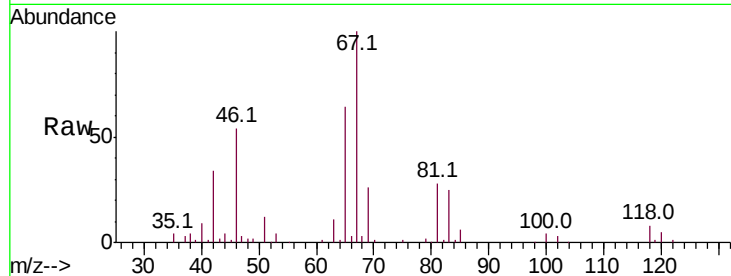




#36
Methvlcvclohexane
Concen: 3.338 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007392.D
Acq: 11 Dec 2018 13:14

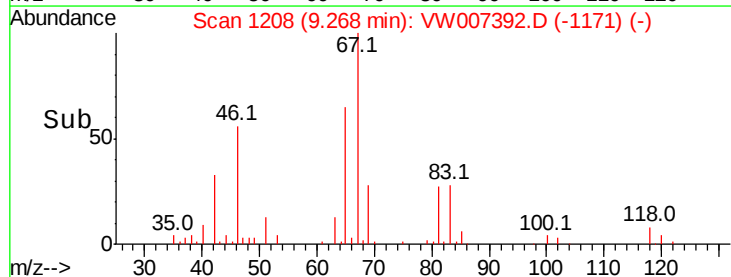
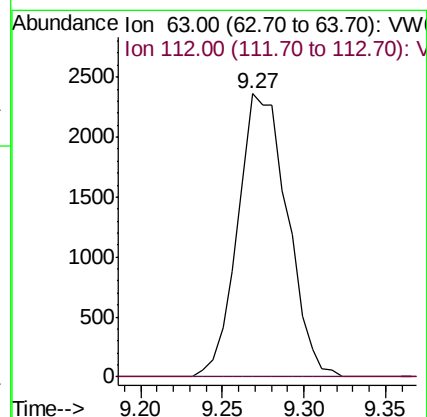
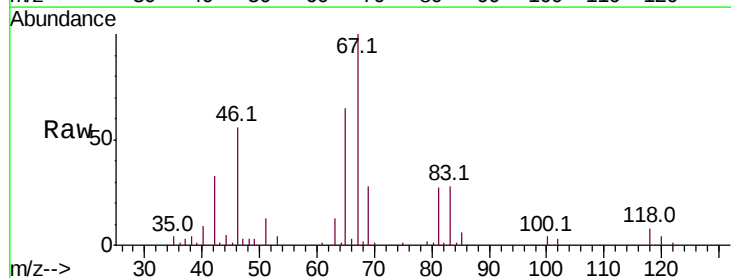
Instrument :
MSVOA_W
ClientSampleId :

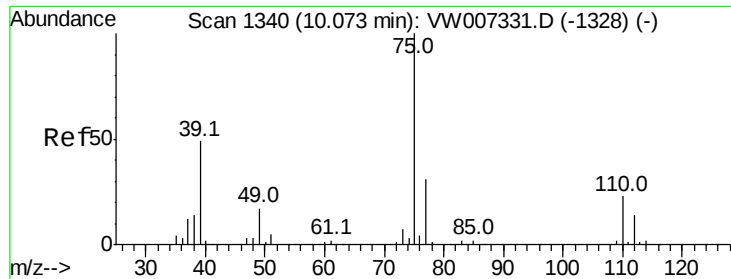
Tot Ion: 83 Resp: 10417
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 0.6 38.1 57.1#



#40
1,2-Dichloropropane
Concen: 3.226 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW007392.D
Acq: 11 Dec 2018 13:14

Tgt Ion: 63 Resp: 4975
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

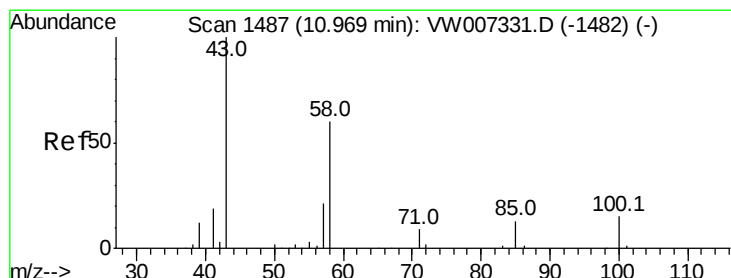
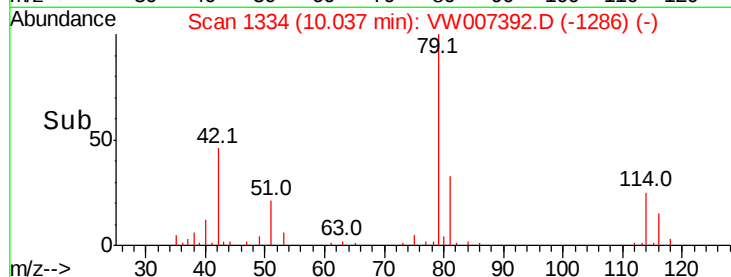
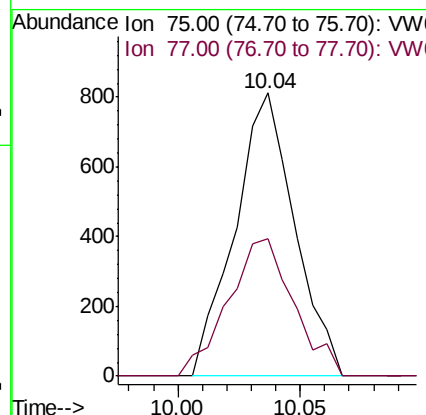
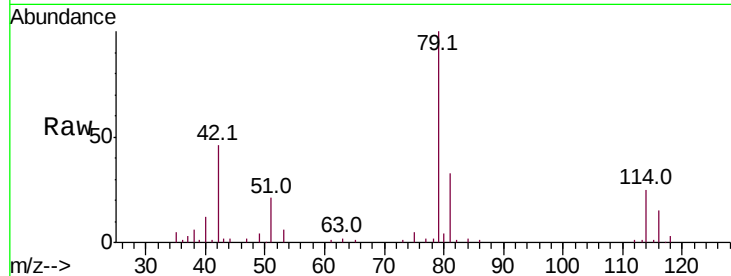




#42
 cis-1,3-Dichloropropene
 Concen: 0.534 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007392.D
 Acq: 11 Dec 2018 13:14

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 1383
 Ion Ratio Lower Upper
 75 100
 77 48.6 23.0 42.6#



#49
 2-Hexanone
 Concen: 3.258 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW007392.D
 Acq: 11 Dec 2018 13:14

Tgt Ion: 43 Resp: 2795
 Ion Ratio Lower Upper
 43 100
 58 22.3 47.2 70.8#
 57 23.1 17.6 26.4
 100 0.0 12.2 18.2#

