

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007394.D
 Acq On : 11 Dec 2018 14:06
 Operator : SY/AP
 Sample : J6297-11
 Misc : 5.64G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:41:42 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	117387	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	91162	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	29464	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22701	29.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.76%
7) Chloroethane-d5	2.89	69	16942	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.64%
10) 1,1-Dichloroethene-d2	4.01	63	55110	20.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.60%
20) 2-Butanone-d5	7.08	46	15751	32.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.36%
24) Chloroform-d	7.65	84	74935	27.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.24%
26) 1,2-Dichloroethane-d4	8.31	65	44062	27.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.84%
29) Benzene-d6	8.27	84	146676	29.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.48%
33) 1,2-Dichloropropane-d6	9.27	67	41585	29.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.72%
37) Toluene-d8	10.32	98	129664	27.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.72%
38) trans-1,3-Dichloropropene-	10.58	79	18219	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.88%
39) 2-Hexanone-d5	10.93	63	12730	37.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29114	22.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	25345	24.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.80%

Target Compounds

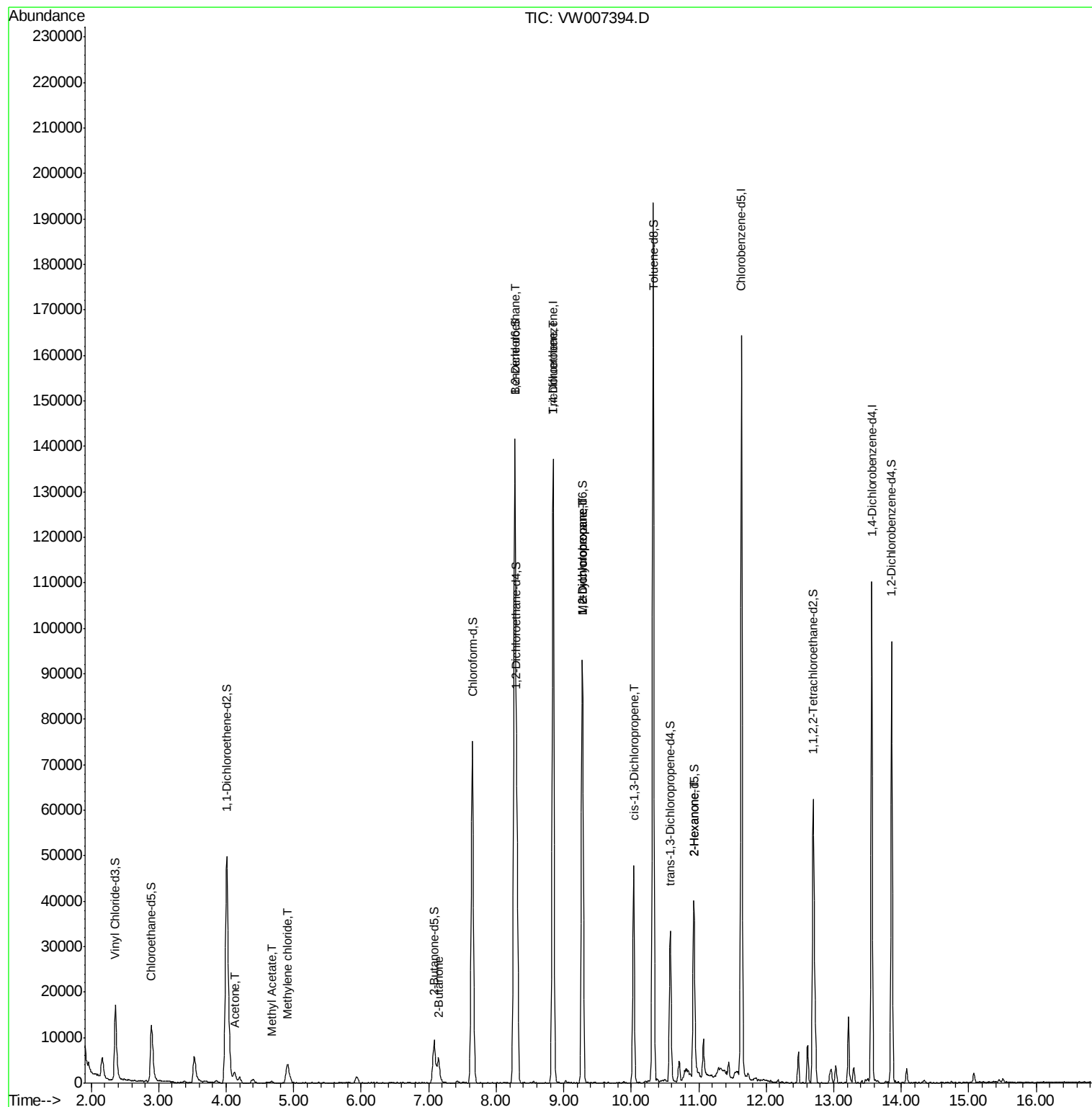
					Ovalue
13) Acetone	4.12	43	3697	6.597 ug/L	80
15) Methyl Acetate	4.68	43	616	0.733 ug/L #	92
16) Methylene chloride	4.91	84	3982	2.099 ug/L	88
21) 2-Butanone	7.16	43	736	1.222 ug/L #	45
27) 1,2-Dichloroethane	8.27	62	838	0.430 ug/L #	76
35) Trichloroethene	8.84	95	3813	2.545 ug/L #	4
36) Methylcyclohexane	9.27	83	10627	4.108 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4924	3.852 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1268	0.591 ug/L	99
49) 2-Hexanone	10.92	43	2497	3.512 ug/L #	44

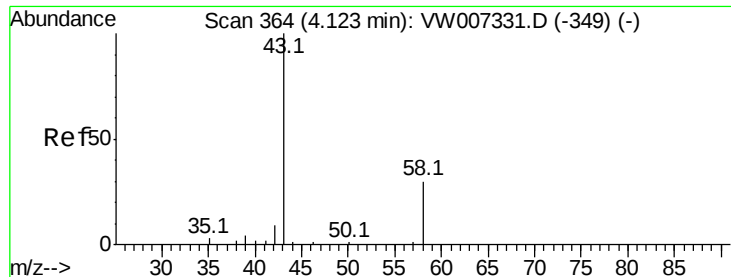
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121218\
Data File : VW007394.D
Acq On : 11 Dec 2018 14:06
Operator : SY/AP
Sample : J6297-11
Misc : 5.64G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 12 02:41:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.597 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007394.D

Acq: 11 Dec 2018 14:06

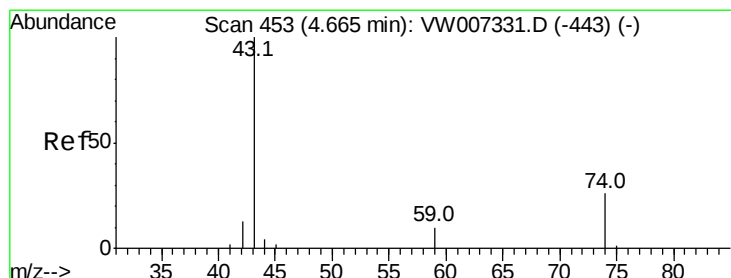
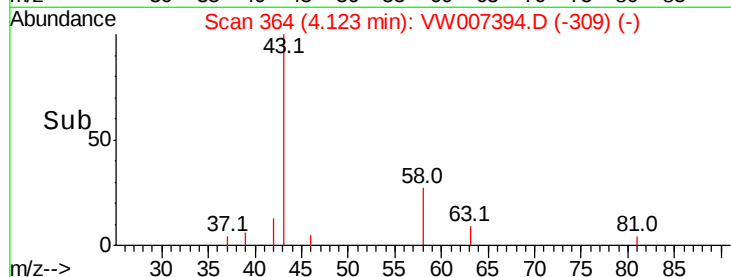
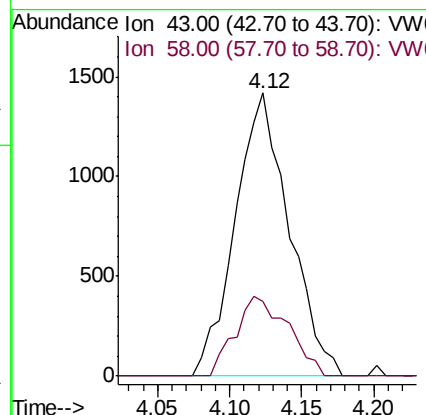
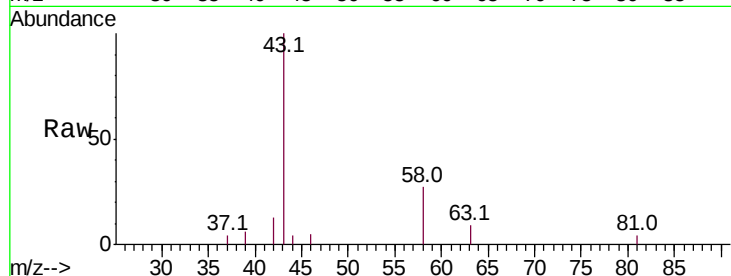
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 3697

Ion Ratio Lower Upper

43 100

58 18.7 0.0 59.2



#15

Methyl Acetate

Concen: 0.733 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW007394.D

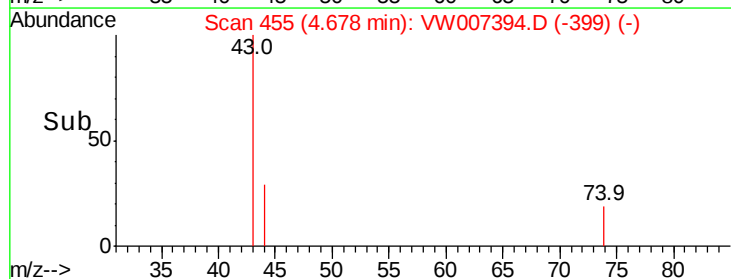
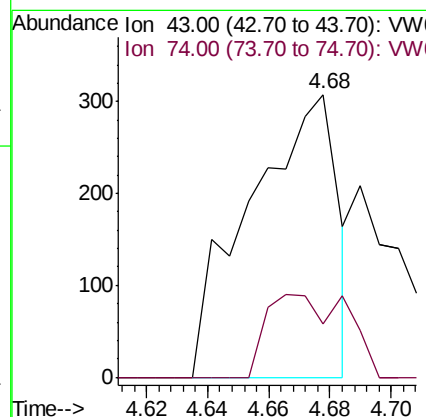
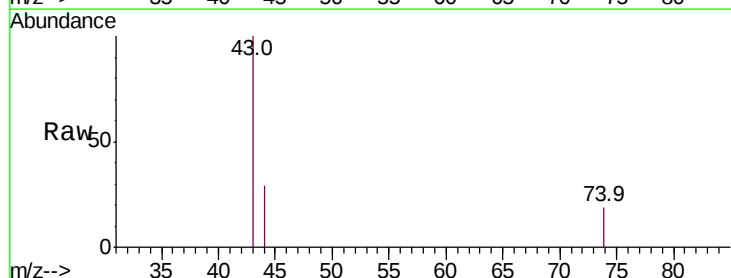
Acq: 11 Dec 2018 14:06

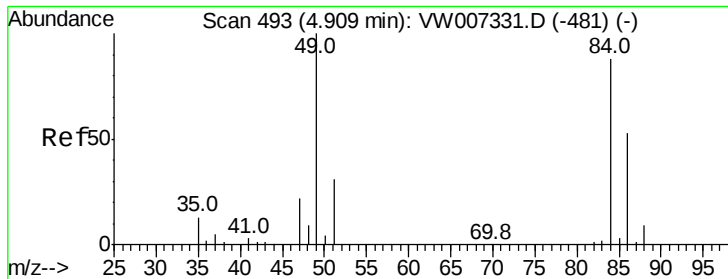
Tgt Ion: 43 Resp: 616

Ion Ratio Lower Upper

43 100

74 18.5 0.1 0.1#

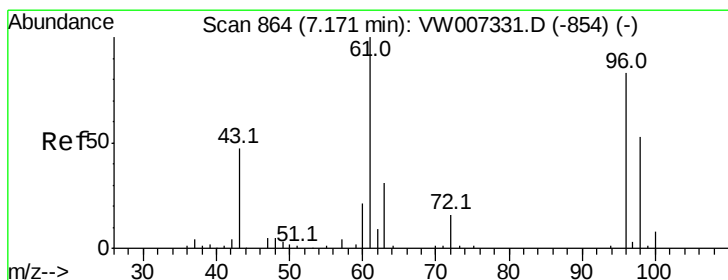
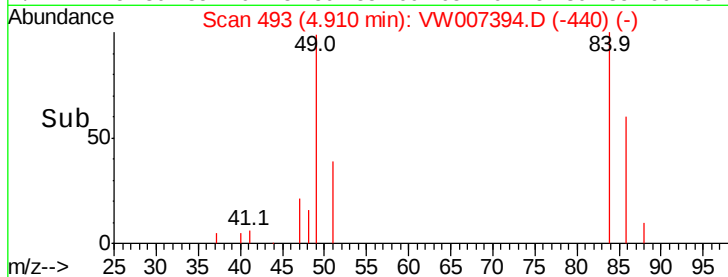
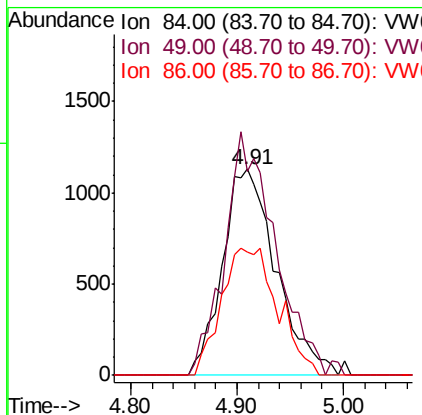
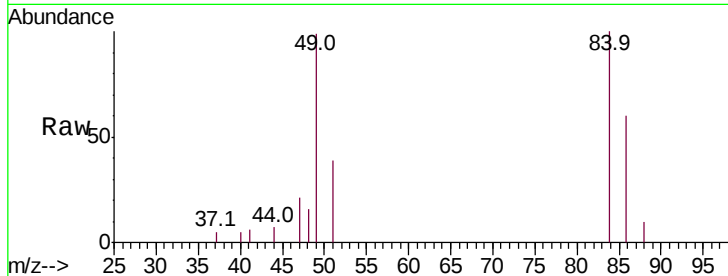




#16
Methvlene chloride
Concen: 2.099 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW007394.D
Acq: 11 Dec 2018 14:06

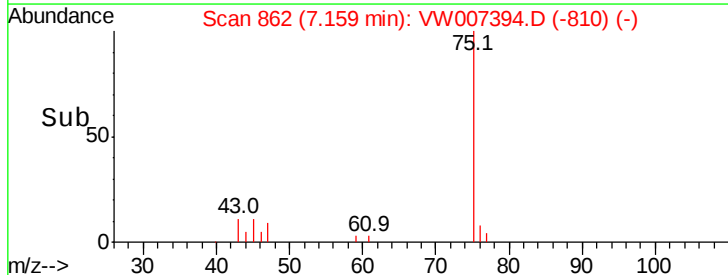
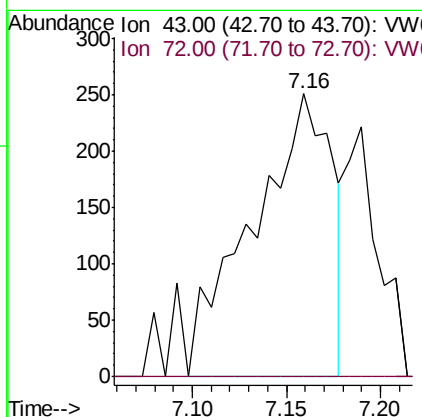
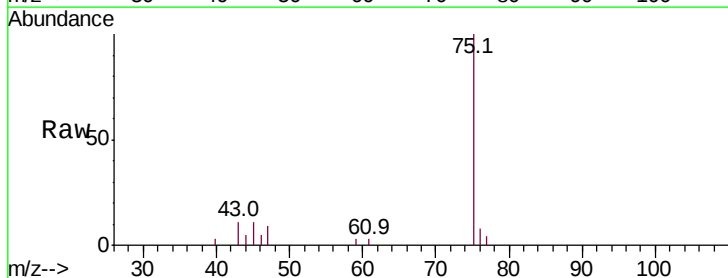
Instrument :
MSVOA_W
ClientSampled :

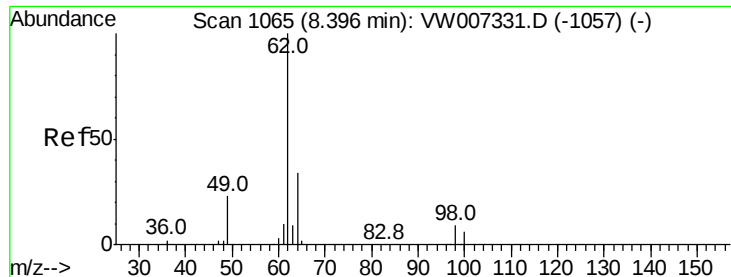
Tot Ion: 84 Resp: 3982
Ion Ratio Lower Upper
84 100
49 98.8 80.8 150.2
86 59.8 45.8 85.2



#21
2-Butanone
Concen: 1.222 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW007394.D
Acq: 11 Dec 2018 14:06

Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
72 0.0 14.7 44.1#





#27

1,2-Dichloroethane

Concen: 0.430 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007394.D

Acq: 11 Dec 2018 14:06

Instrument :

MSVOA_W

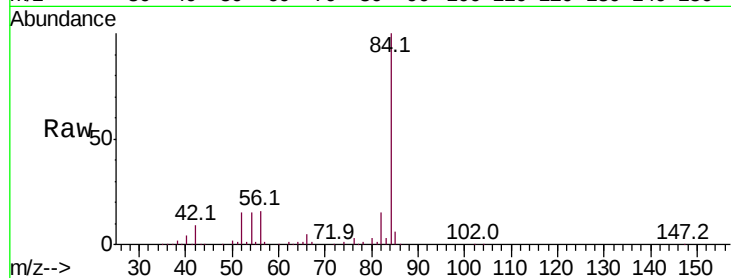
ClientSampleId :

Tot Ion: 62 Resp: 838

Ion Ratio Lower Upper

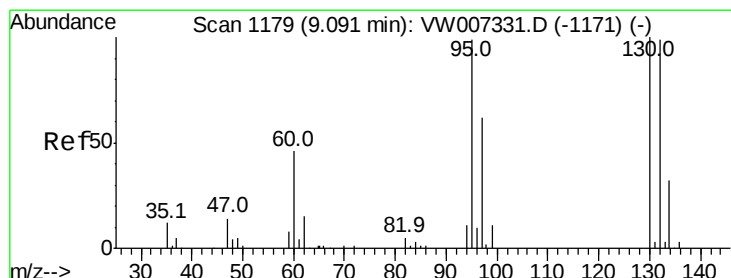
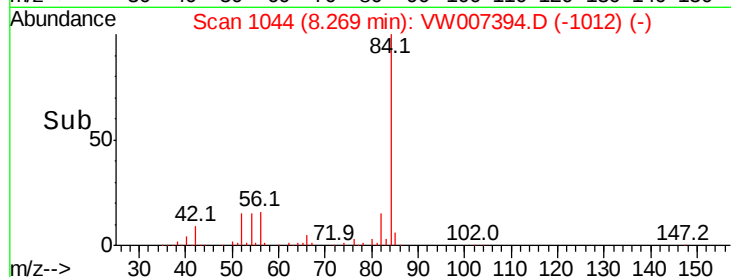
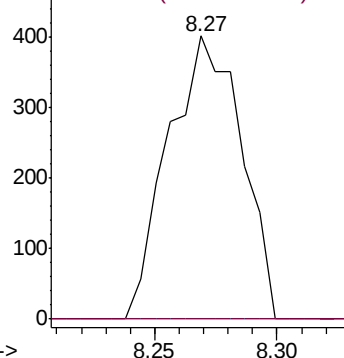
62 100

98 0.0 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene

Concen: 2.545 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007394.D

Acq: 11 Dec 2018 14:06

Tgt Ion: 95 Resp: 3813

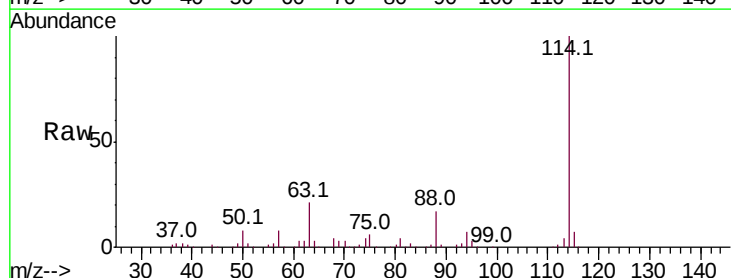
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

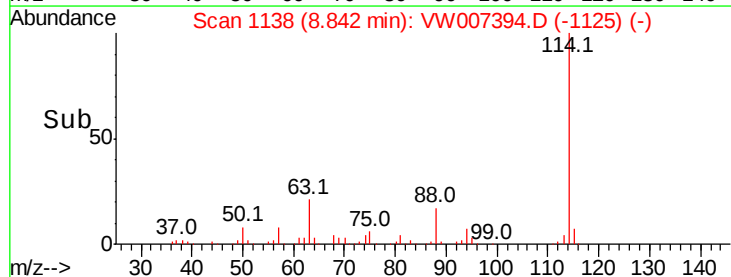
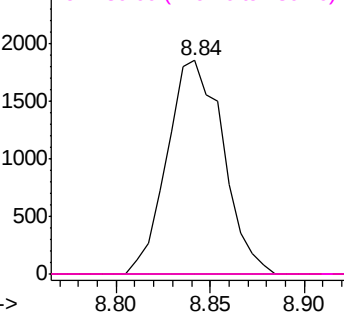


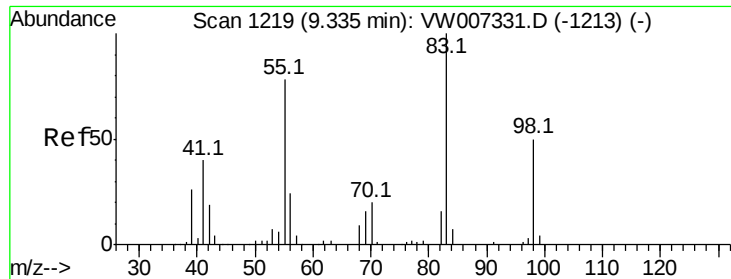
Abundance Ion 95.00 (94.70 to 95.70): VW

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

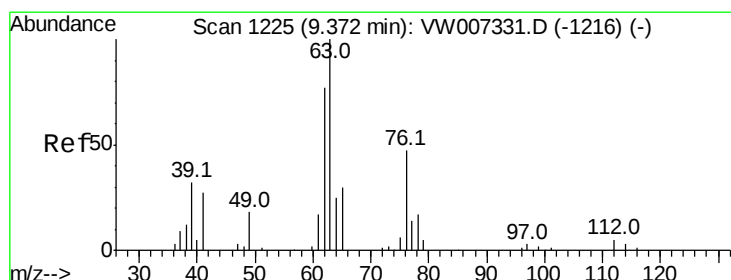
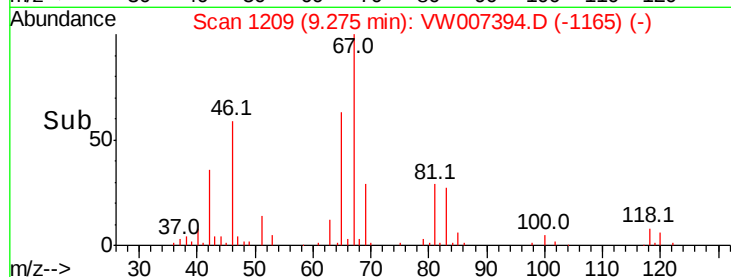
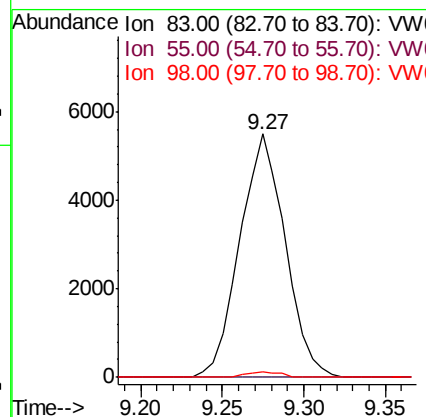
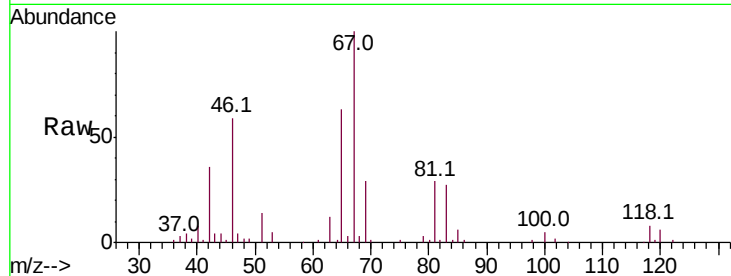




#36
Methvlcvclohexane
Concen: 4.108 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007394.D
Acq: 11 Dec 2018 14:06

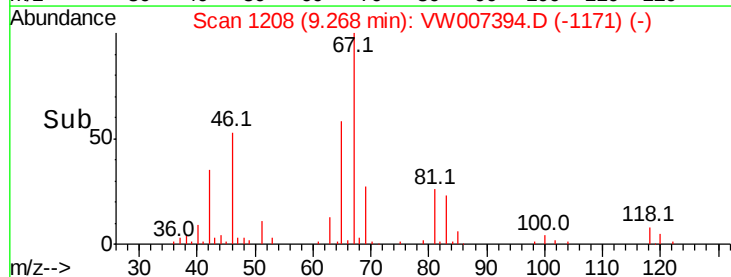
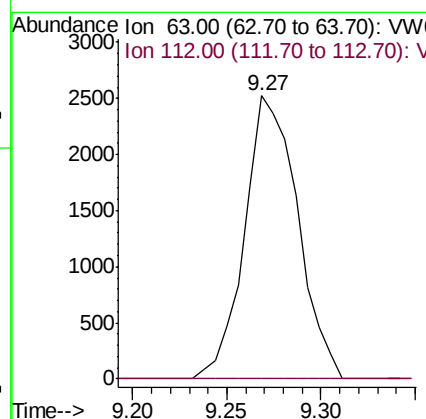
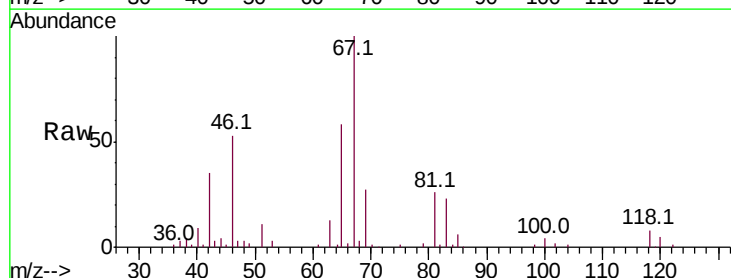
Instrument :
MSVOA_W
ClientSampleId :

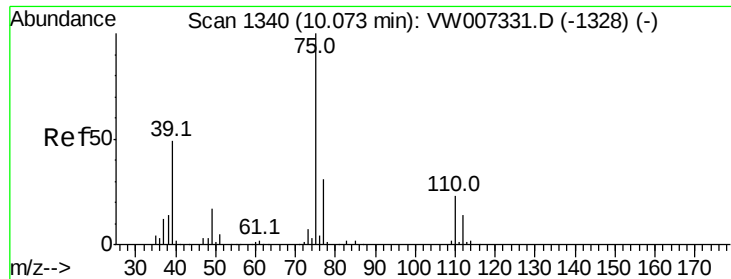
Tot Ion: 83 Resp: 10627
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 1.6 38.1 57.1#



#40
1,2-Dichloropropane
Concen: 3.852 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW007394.D
Acq: 11 Dec 2018 14:06

Tgt Ion: 63 Resp: 4924
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#42

cis-1,3-Dichloropropene

Concen: 0.591 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007394.D

Acq: 11 Dec 2018 14:06

Instrument :

MSVOA_W

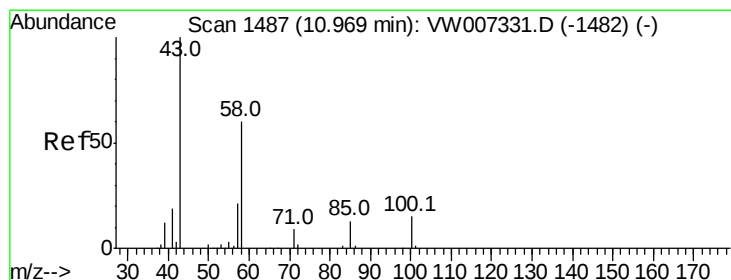
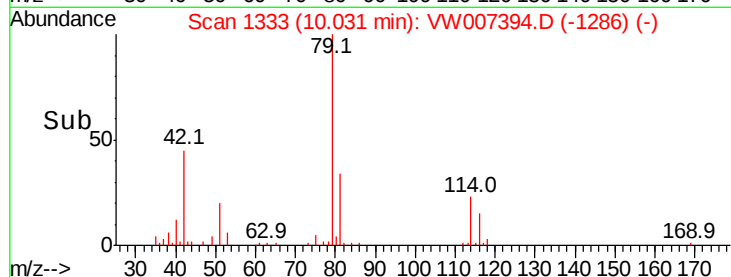
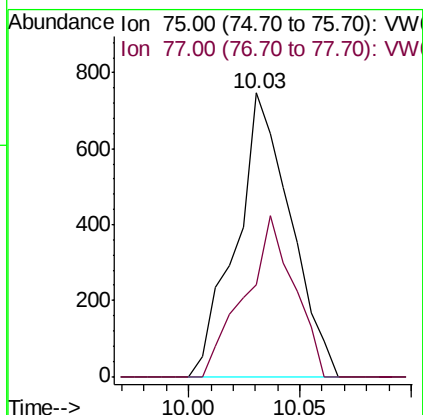
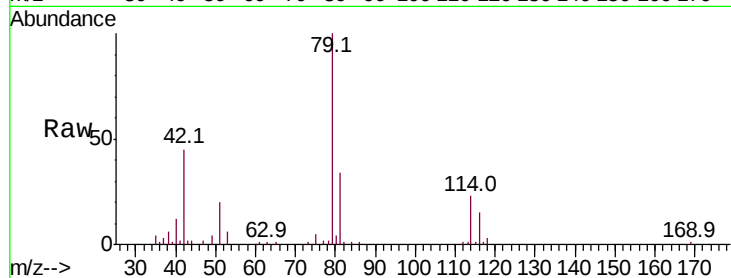
ClientSampleId :

Tot Ion: 75 Resp: 1268

Ion Ratio Lower Upper

75 100

77 32.4 23.0 42.6



#49

2-Hexanone

Concen: 3.512 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW007394.D

Acq: 11 Dec 2018 14:06

Tgt Ion: 43 Resp: 2497

Ion Ratio Lower Upper

43 100

58 0.0 47.2 70.8#

57 17.0 17.6 26.4#

100 0.9 12.2 18.2#

