

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007406.D
 Acq On : 11 Dec 2018 19:18
 Operator : SY/AP
 Sample : J6271-19
 Misc : 6.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:43:02 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	104764	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	98253	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45524	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	18908	27.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.84%
7) Chloroethane-d5	2.90	69	14044	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.20%
10) 1,1-Dichloroethene-d2	4.01	63	48630	20.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.64%
20) 2-Butanone-d5	7.07	46	25398	59.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.10%
24) Chloroform-d	7.65	84	66549	26.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.72%
26) 1,2-Dichloroethane-d4	8.31	65	41857	29.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.04%
29) Benzene-d6	8.27	84	128493	24.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.32%
33) 1,2-Dichloropropane-d6	9.27	67	37659	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.32	98	125047	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.96%
38) trans-1,3-Dichloropropene-	10.58	79	19636	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.88%
39) 2-Hexanone-d5	10.93	63	20732	56.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	40093	28.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	44135	27.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.24%

Target Compounds

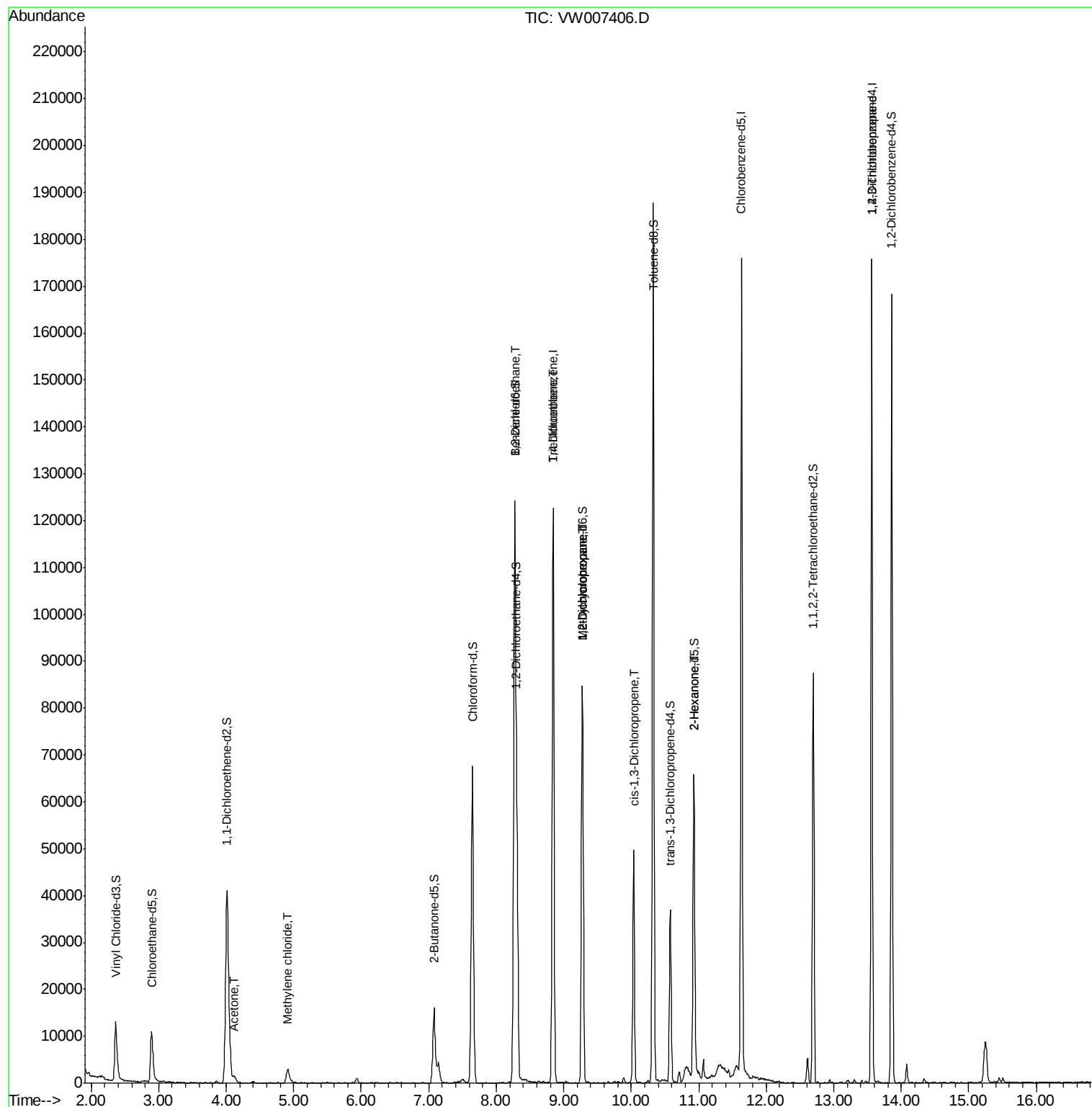
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.11	43	1884	3.767	ug/L	55
16) Methylene chloride	4.92	84	2748	1.623	ug/L	95
27) 1,2-Dichloroethane	8.27	62	783	0.450	ug/L #	76
35) Trichloroethene	8.84	95	3451	2.137	ug/L #	4
36) Methylcyclohexane	9.27	83	9988	3.583	ug/L #	20
40) 1,2-Dichloropropane	9.28	63	4438	3.222	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1307	0.565	ug/L	99
49) 2-Hexanone	10.93	43	2970	3.875	ug/L #	63
59) 1,2,3-Trichloropropane	13.56	75	5388	4.840	ug/L	94

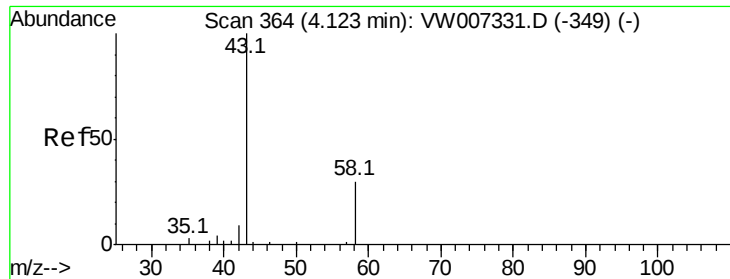
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 3.767 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007406.D

Acq: 11 Dec 2018 19:18

Instrument :

MSVOA_W

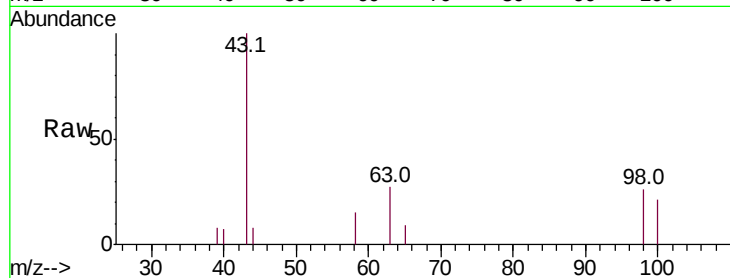
ClientSampleId :

Tot Ion: 43 Resp: 1884

Ion Ratio Lower Upper

43 100

58 5.1 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

800

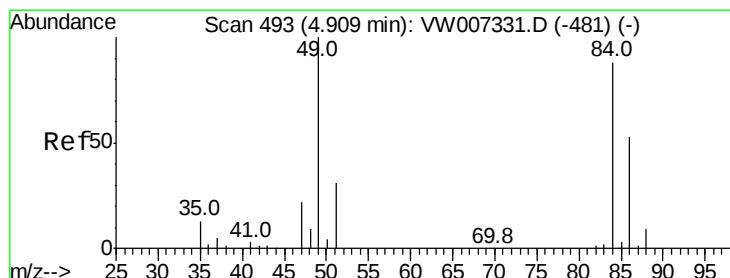
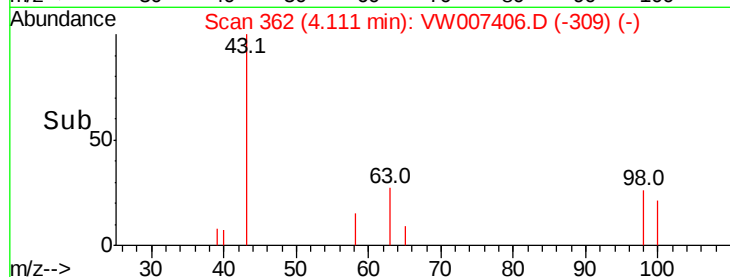
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 1.623 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW007406.D

Acq: 11 Dec 2018 19:18

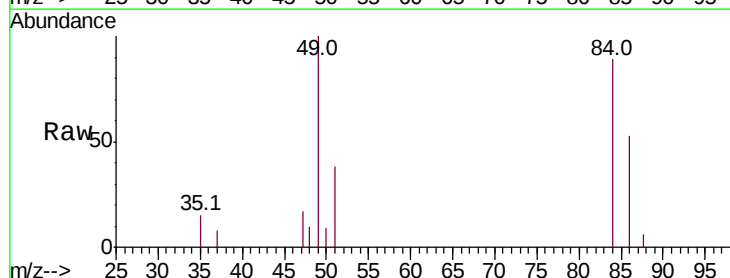
Tgt Ion: 84 Resp: 2748

Ion Ratio Lower Upper

84 100

49 112.5 80.8 150.2

86 59.2 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

1000

800

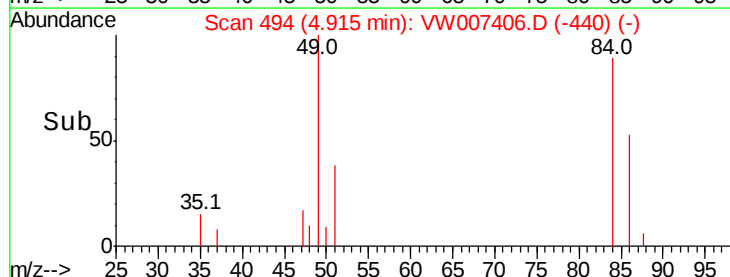
600

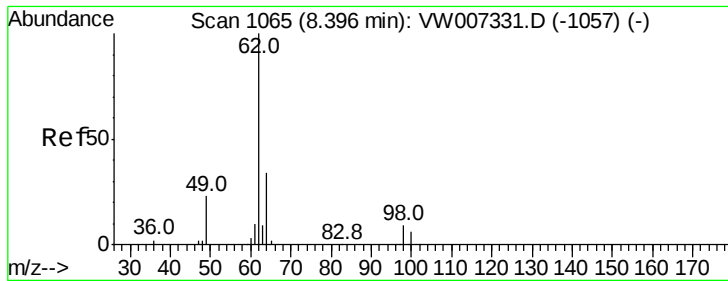
400

200

0

Time-->





#27

1,2-Dichloroethane

Concen: 0.450 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

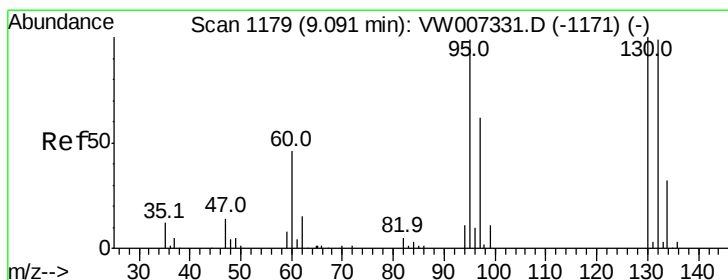
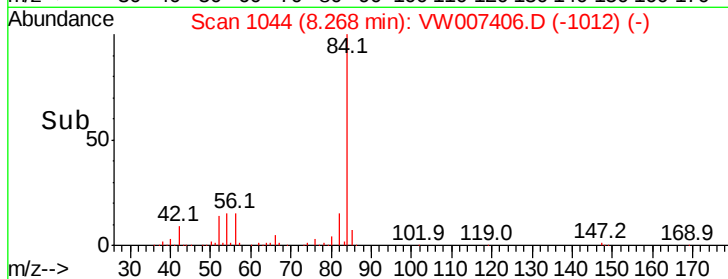
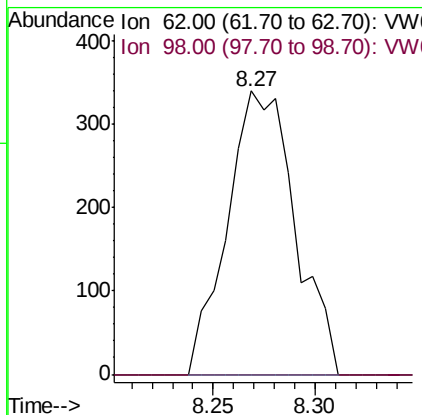
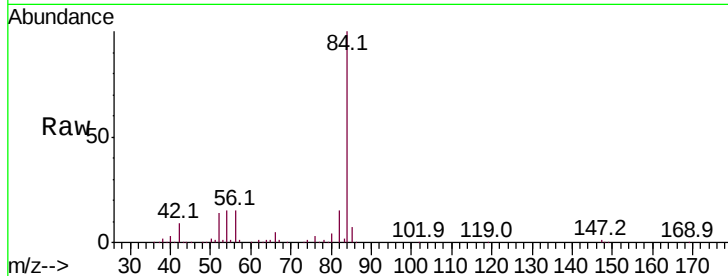
Lab File: VW007406.D

Acq: 11 Dec 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 62 Resp: 783

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.9	10.3#



#35

Trichloroethene

Concen: 2.137 ug/L

RT: 8.84 min Scan# 1137

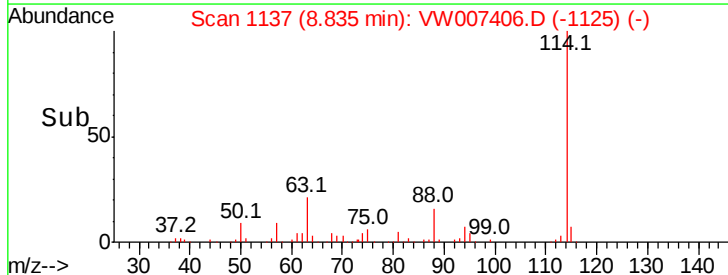
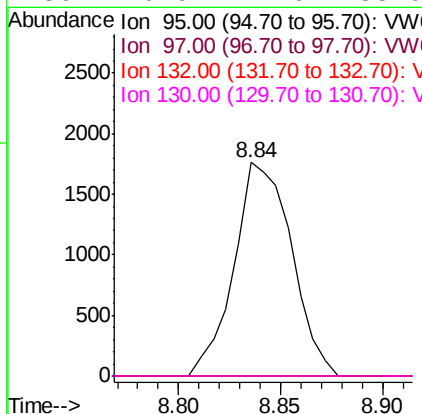
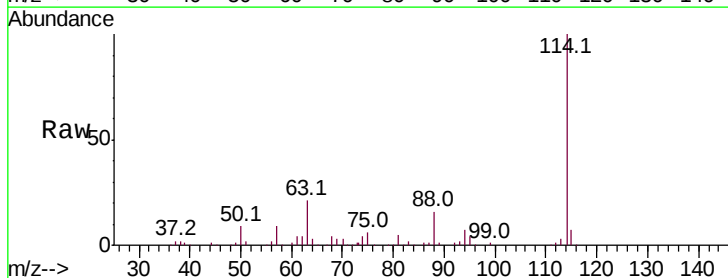
Delta R.T. -0.26 min

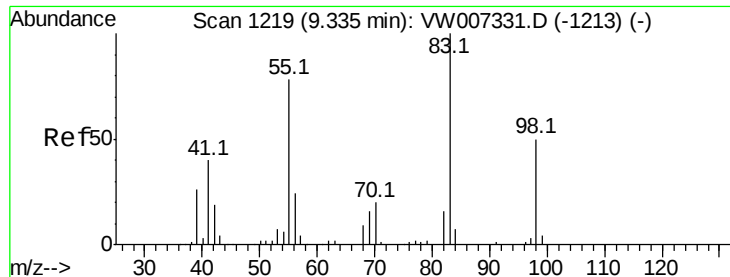
Lab File: VW007406.D

Acq: 11 Dec 2018 19:18

Tgt Ion: 95 Resp: 3451

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#

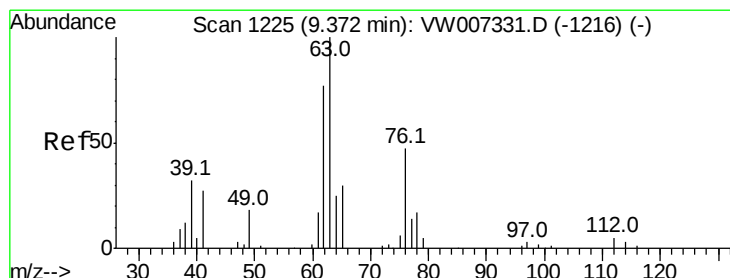
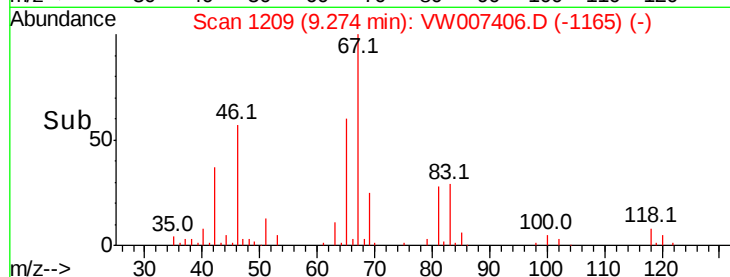
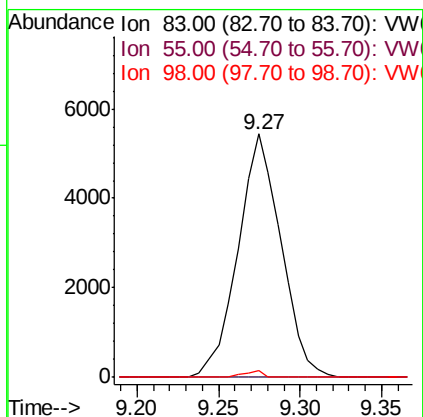
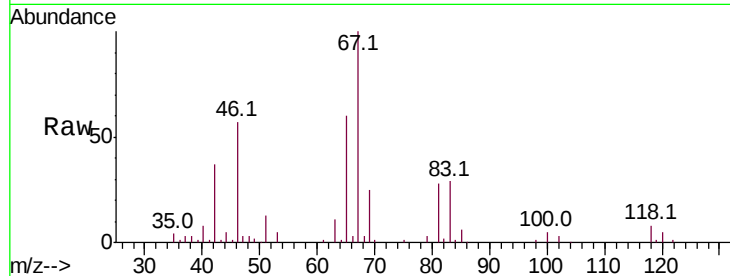




#36
Methvlcvclohexane
Concen: 3.583 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007406.D
Acq: 11 Dec 2018 19:18

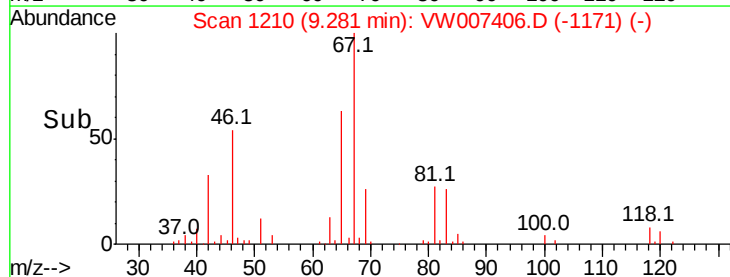
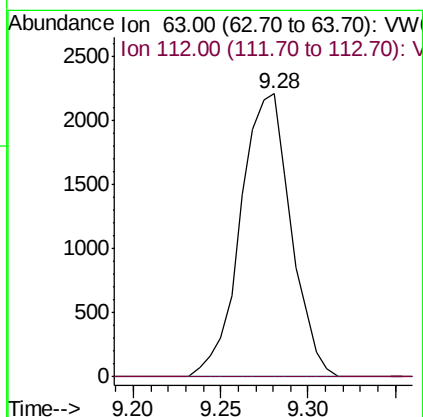
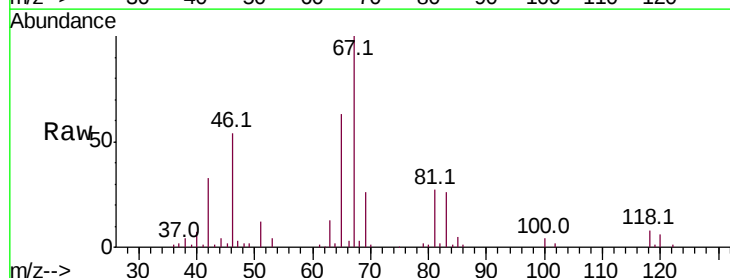
Instrument :
MSVOA_W
ClientSampleId :

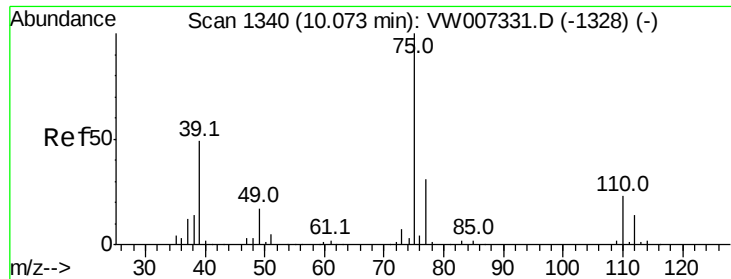
Tot Ion: 83 Resp: 9988
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 1.2 38.1 57.1#



#40
1,2-Dichloropropane
Concen: 3.222 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW007406.D
Acq: 11 Dec 2018 19:18

Tgt Ion: 63 Resp: 4438
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

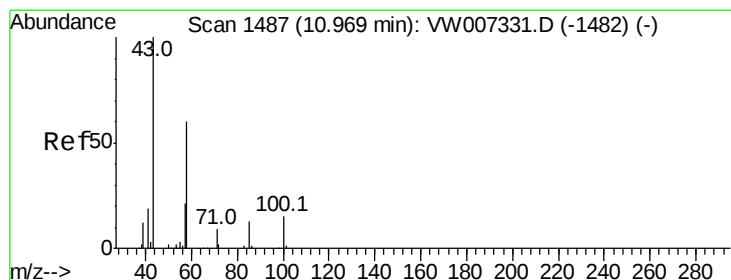
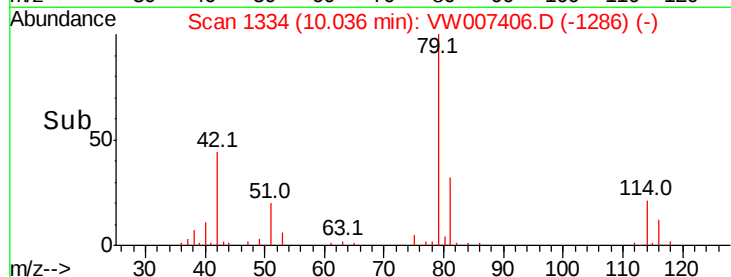
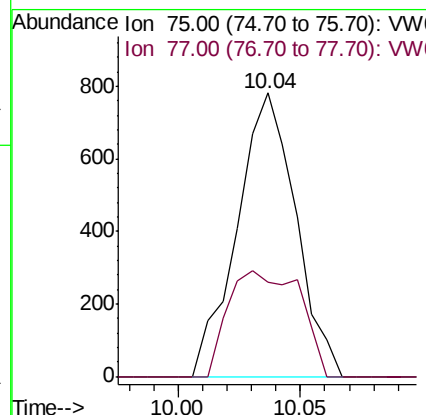
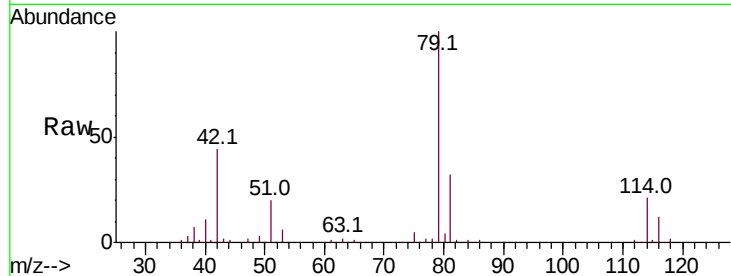




#42
 cis-1,3-Dichloropropene
 Concen: 0.565 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007406.D
 Acq: 11 Dec 2018 19:18

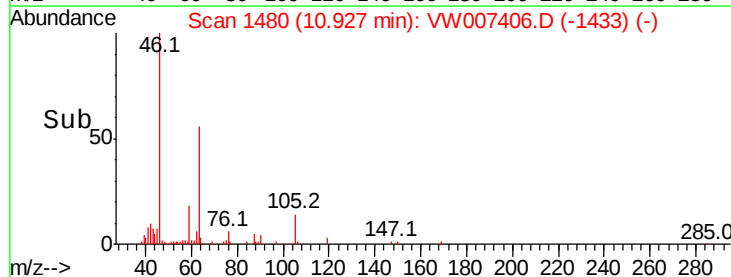
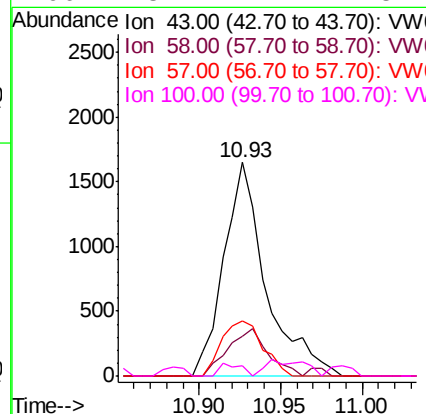
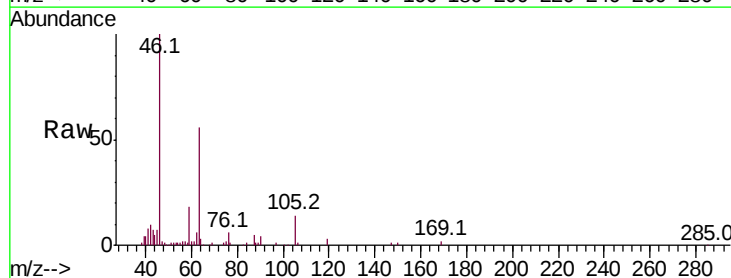
Instrument :
 MSVOA_W
 ClientSampled :

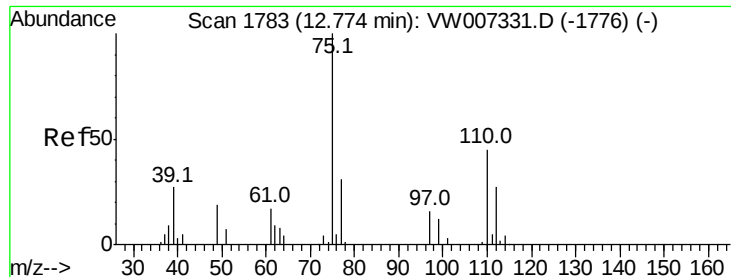
Tot Ion: 75 Resp: 1307
 Ion Ratio Lower Upper
 75 100
 77 33.2 23.0 42.6



#49
 2-Hexanone
 Concen: 3.875 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW007406.D
 Acq: 11 Dec 2018 19:18

Tgt Ion: 43 Resp: 2970
 Ion Ratio Lower Upper
 43 100
 58 20.9 47.2 70.8#
 57 25.2 17.6 26.4
 100 3.4 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 4.840 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007406.D

Acq: 11 Dec 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 5388

Ion Ratio Lower Upper

75 100

77 36.4 26.5 39.7

