

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007400.D
 Acq On : 11 Dec 2018 16:42
 Operator : SY/AP
 Sample : J6271-13
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:42:23 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	105477	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	89017	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	34817	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	20070	29.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.84%
7) Chloroethane-d5	2.90	69	14750	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.40%
10) 1,1-Dichloroethene-d2	4.01	63	48576	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.00%
20) 2-Butanone-d5	7.08	46	20231	46.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.44%
24) Chloroform-d	7.65	84	68139	27.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.56%
26) 1,2-Dichloroethane-d4	8.31	65	42466	29.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.96%
29) Benzene-d6	8.27	84	130583	27.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.04%
33) 1,2-Dichloropropane-d6	9.27	67	38405	27.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.36%
37) Toluene-d8	10.32	98	118474	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.56%
38) trans-1,3-Dichloropropene-	10.58	79	18022	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.20%
39) 2-Hexanone-d5	10.93	63	16006	48.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34721	27.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	32521	26.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.20%

Target Compounds

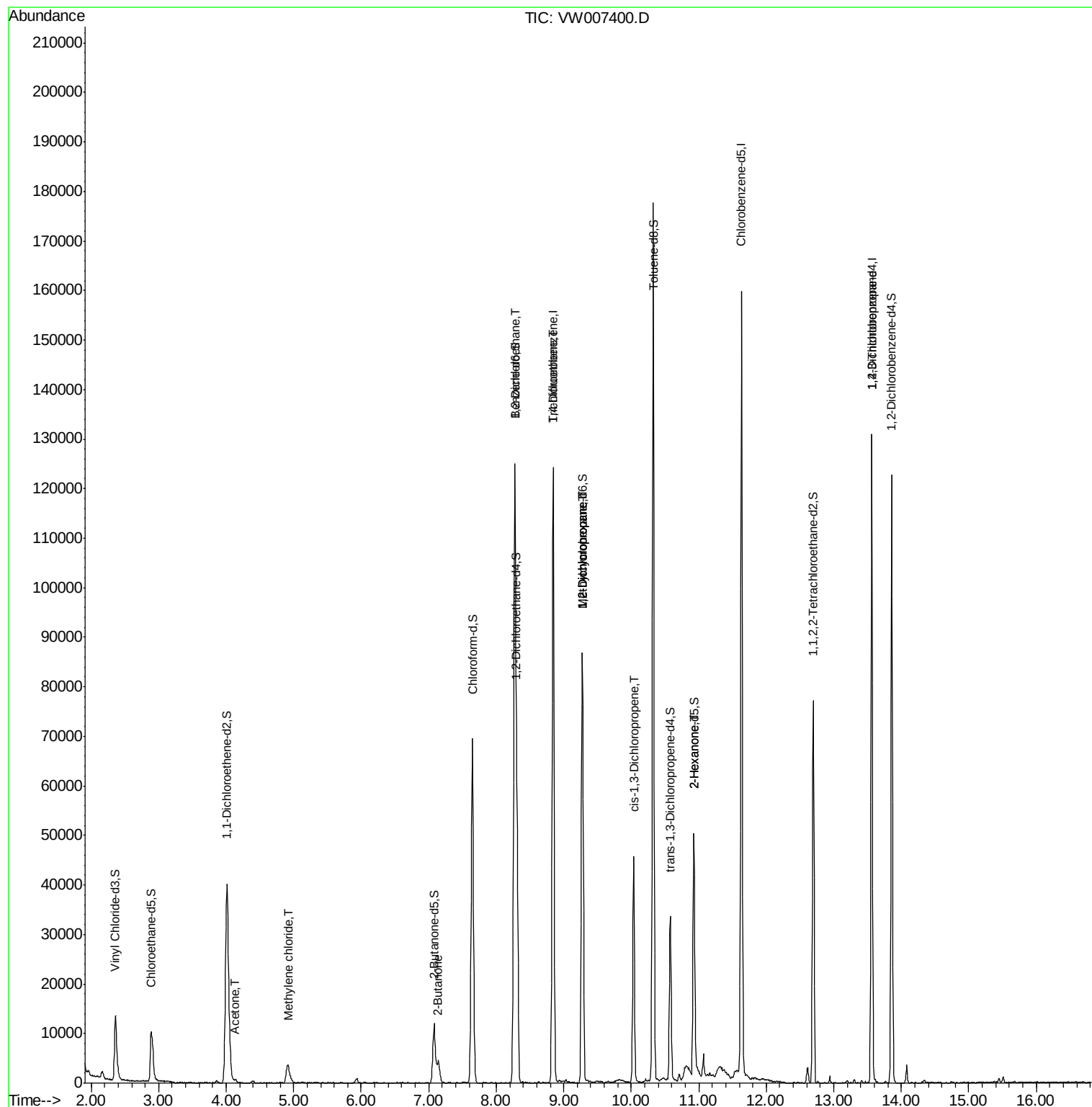
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	676	1.342	ug/L	83
16) Methylene chloride	4.92	84	3536	2.075	ug/L	96
21) 2-Butanone	7.13	43	1342	2.479	ug/L #	45
27) 1,2-Dichloroethane	8.27	62	667	0.381	ug/L #	76
35) Trichloroethene	8.84	95	3300	2.255	ug/L #	4
36) Methylcyclohexane	9.27	83	10010	3.963	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4516	3.618	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1135	0.541	ug/L #	62
49) 2-Hexanone	10.93	43	2618	3.771	ug/L #	62
59) 1,2,3-Trichloropropane	13.57	75	3967	3.934	ug/L	93

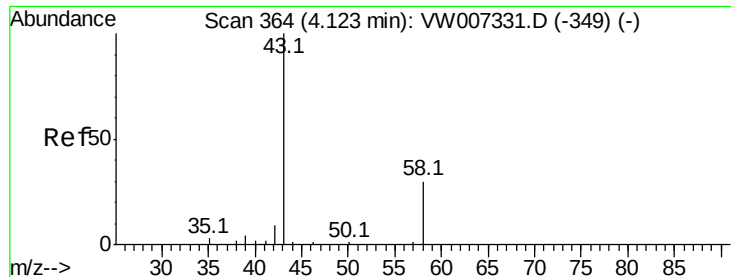
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121218\
Data File : VW007400.D
Acq On : 11 Dec 2018 16:42
Operator : SY/AP
Sample : J6271-13
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 12 02:42:23 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: 1.342 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007400.D

Acq: 11 Dec 2018 16:42

Instrument :

MSVOA_W

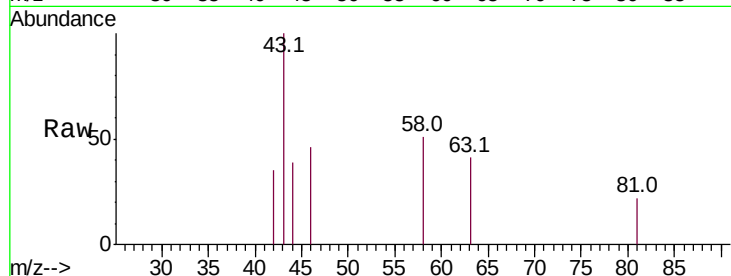
ClientSampled :

Tot Ion: 43 Resp: 676

Ion Ratio Lower Upper

43 100

58 20.3 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

250

200

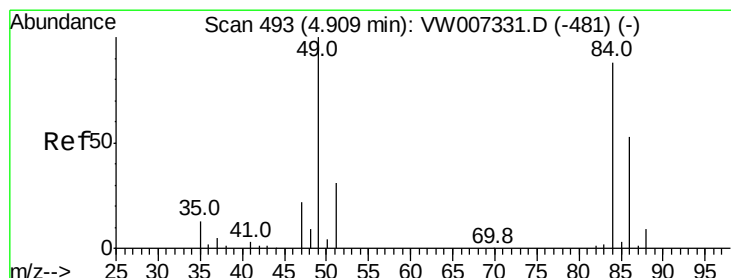
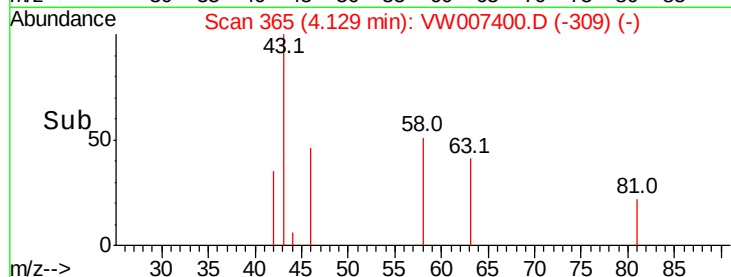
150

100

50

0

Time-->



#16

Methylene chloride

Concen: 2.075 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW007400.D

Acq: 11 Dec 2018 16:42

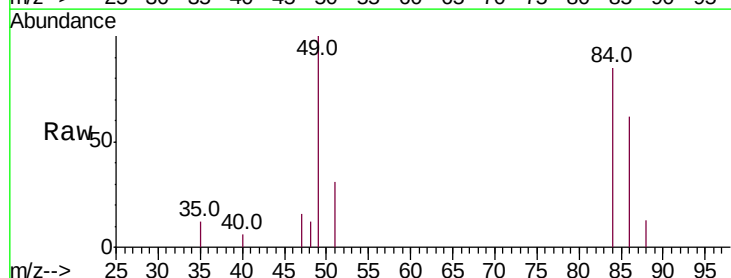
Tgt Ion: 84 Resp: 3536

Ion Ratio Lower Upper

84 100

49 117.1 80.8 150.2

86 73.1 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

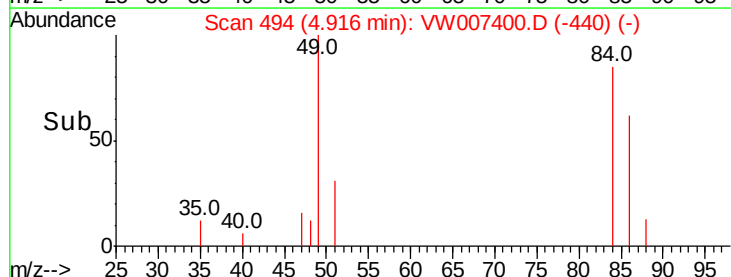
1500

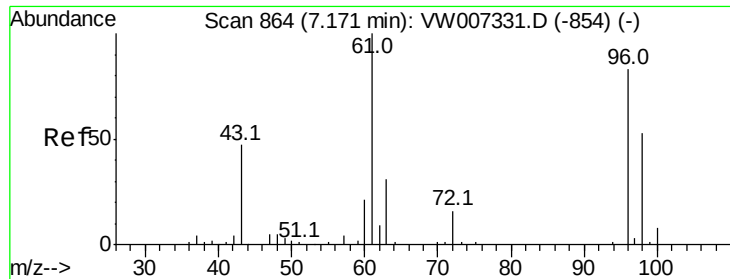
1000

500

0

Time-->





#21

2-Butanone

Concen: 2.479 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW007400.D

Acq: 11 Dec 2018 16:42

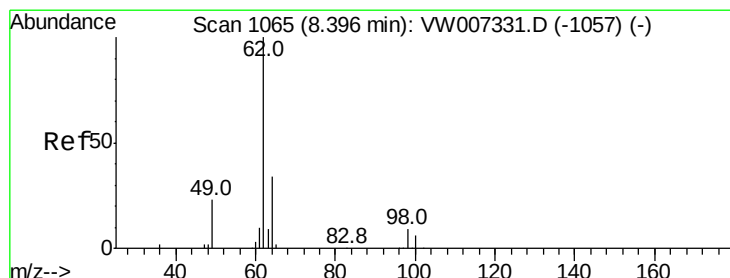
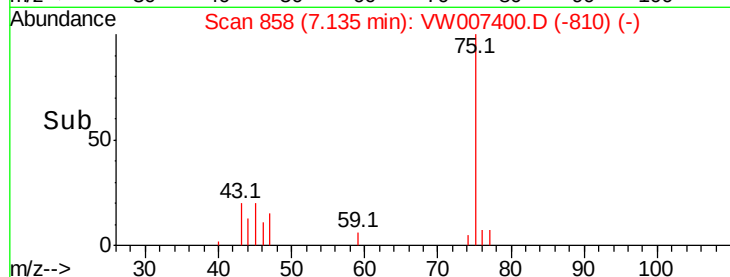
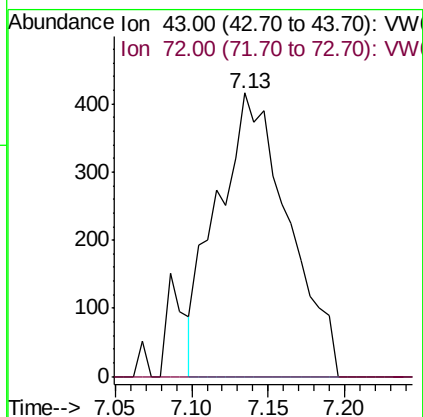
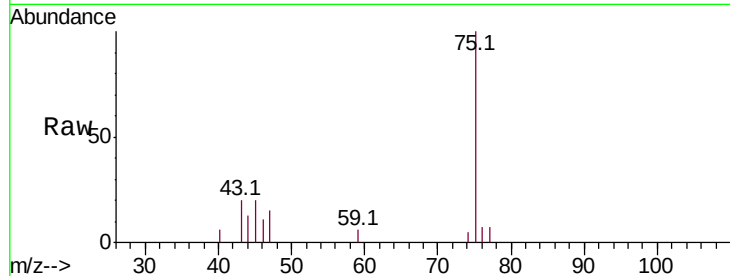
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1342

Ion Ratio Lower Upper

43 100

72 0.0 14.7 44.1#



#27

1,2-Dichloroethane

Concen: 0.381 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.13 min

Lab File: VW007400.D

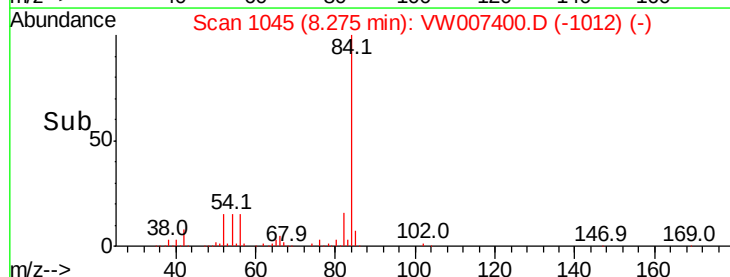
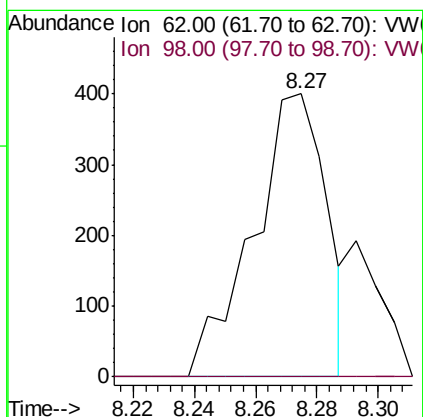
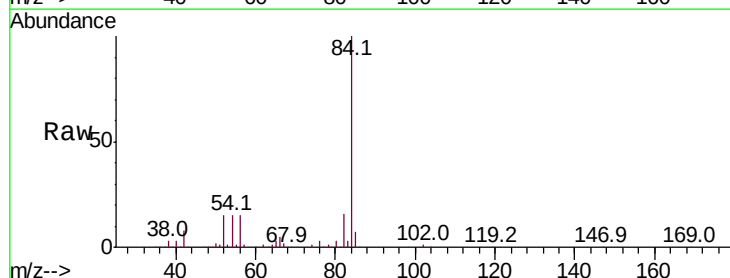
Acq: 11 Dec 2018 16:42

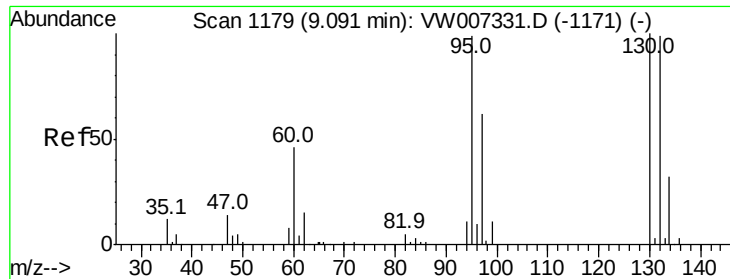
Tgt Ion: 62 Resp: 667

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#





#35

Trichloroethene

Concen: 2.255 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007400.D

Acq: 11 Dec 2018 16:42

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 3300

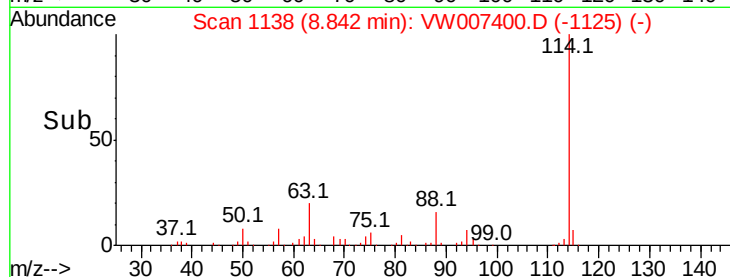
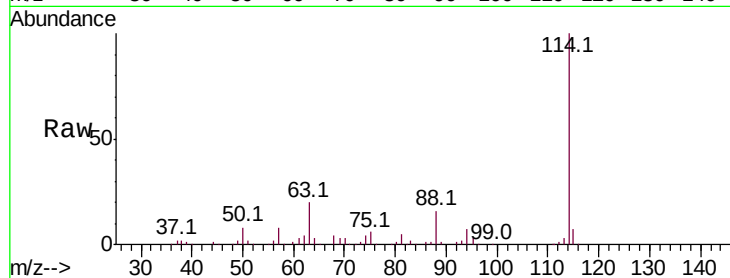
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

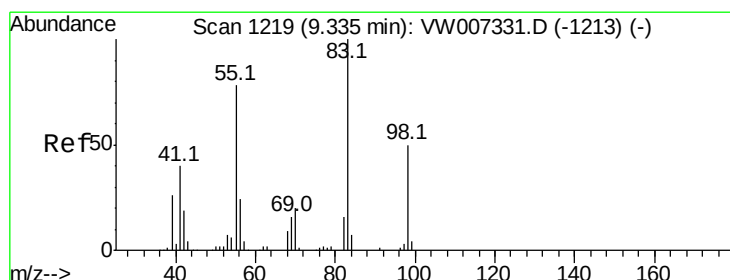
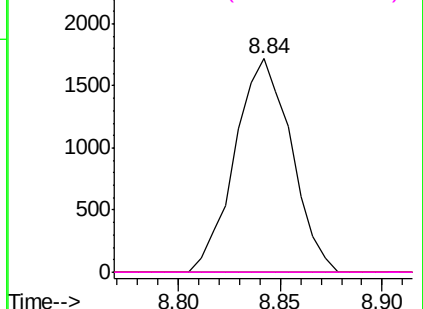


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.963 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007400.D

Acq: 11 Dec 2018 16:42

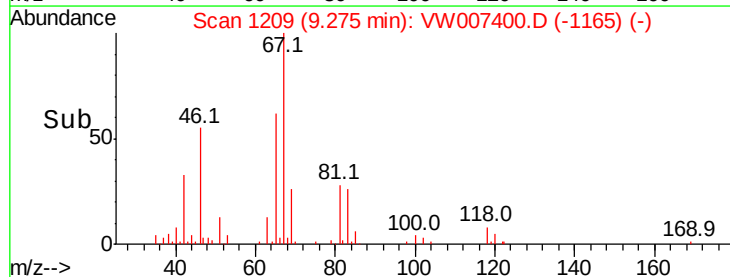
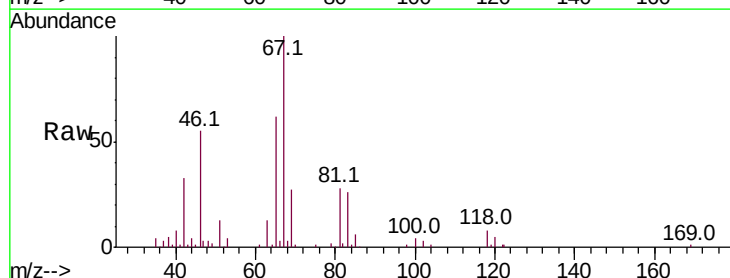
Tgt Ion: 83 Resp: 10010

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

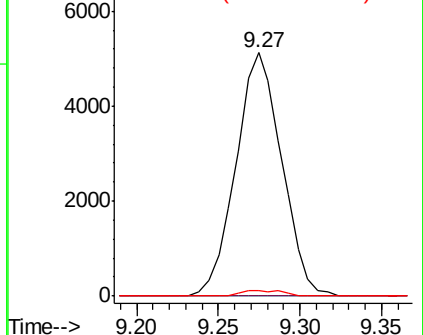
98 1.4 38.1 57.1#

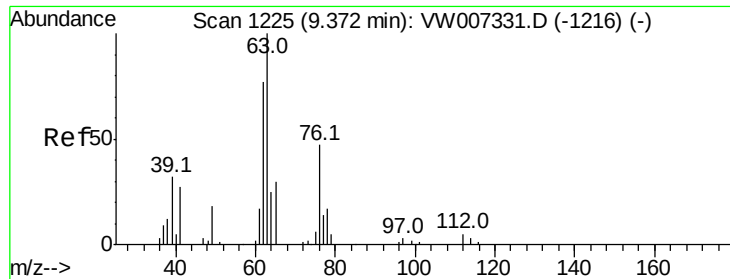


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.618 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007400.D

Acq: 11 Dec 2018 16:42

Instrument :

MSVOA_W

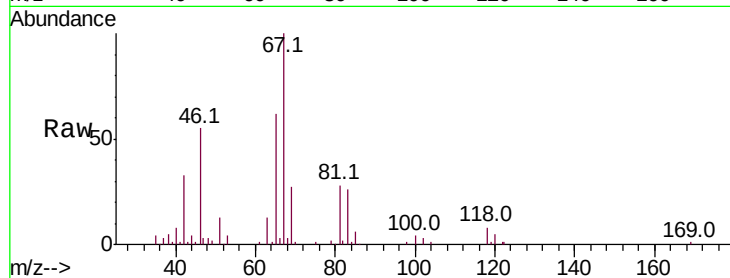
ClientSampled :

Tot Ion: 63 Resp: 4516

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW

9.27

2500

2000

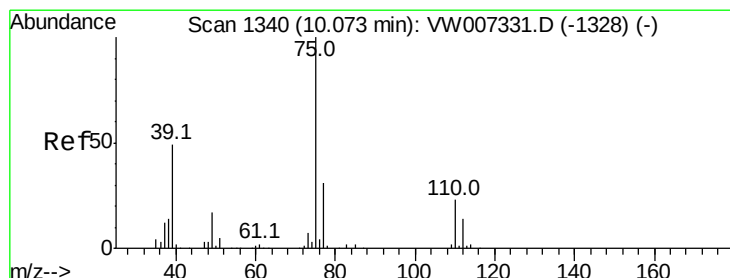
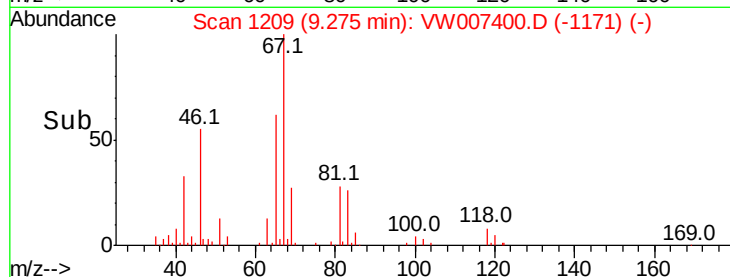
1500

1000

500

0

Time--> 9.20 9.25 9.30



#42

cis-1,3-Dichloropropene

Concen: 0.541 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007400.D

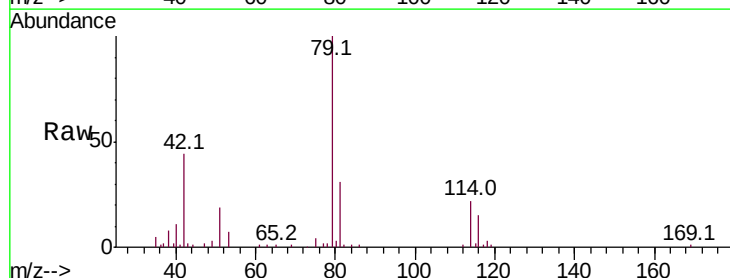
Acq: 11 Dec 2018 16:42

Tgt Ion: 75 Resp: 1135

Ion Ratio Lower Upper

75 100

77 54.3 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

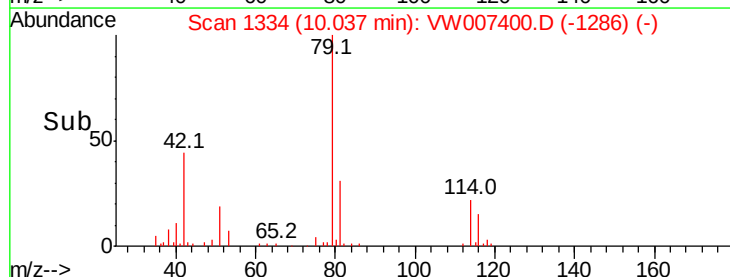
600

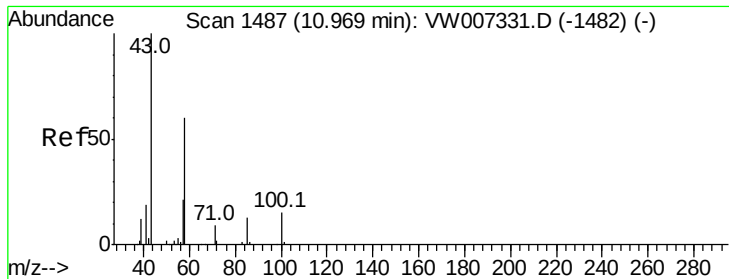
400

200

0

Time--> 10.00 10.05

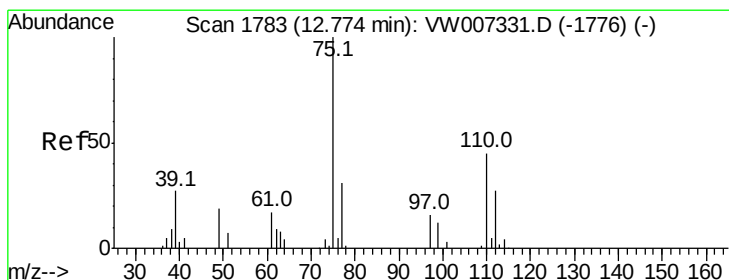
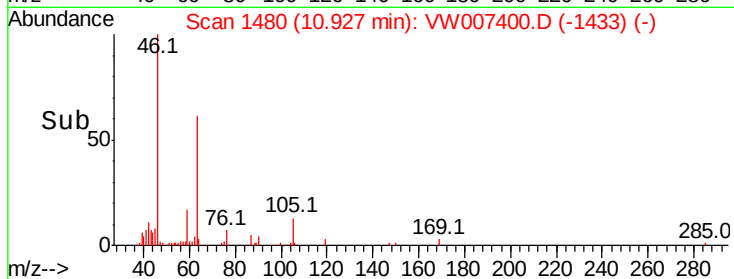
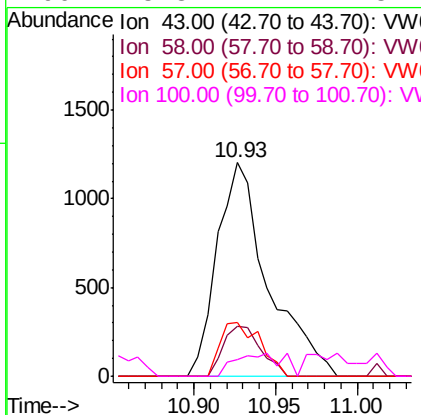
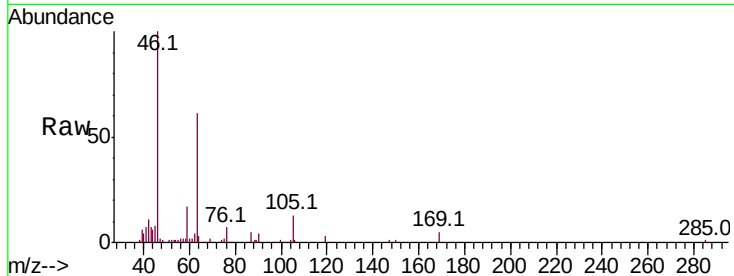




#49
2-Hexanone
Concen: 3.771 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW007400.D
Acq: 11 Dec 2018 16:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2618
Ion Ratio Lower Upper
43 100
58 17.5 47.2 70.8#
57 19.9 17.6 26.4
100 8.3 12.2 18.2#



#59
1,2,3-Trichloropropane
Concen: 3.934 ug/L
RT: 13.57 min Scan# 1913
Delta R.T. 0.79 min
Lab File: VW007400.D
Acq: 11 Dec 2018 16:42

Tgt Ion: 75 Resp: 3967
Ion Ratio Lower Upper
75 100
77 37.1 26.5 39.7

