

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
 Data File : VW006321.D
 Acq On : 24 Oct 2018 16:00
 Operator : SY/AP
 Sample : J5635-14
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40J7

Quant Time: Oct 25 07:37:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	296722	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	260556	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	107348	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	71484	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
7) Chloroethane-d5	2.90	69	72096	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.12%
10) 1,1-Dichloroethene-d2	4.01	63	115386	17.96	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.84%
20) 2-Butanone-d5	7.09	46	61853	55.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.52%
24) Chloroform-d	7.65	84	171777	26.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.88%
26) 1,2-Dichloroethane-d4	8.31	65	102707	28.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.52%
29) Benzene-d6	8.28	84	339631	28.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.84%
33) 1,2-Dichloropropane-d6	9.28	67	102079	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.36%
37) Toluene-d8	10.33	98	317135	26.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.24%
38) trans-1,3-Dichloropropene-	10.58	79	38350	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.40%
39) 2-Hexanone-d5	10.93	63	48368	56.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105662	30.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.76%#
61) 1,2-Dichlorobenzene-d4	13.86	152	100986	27.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.80%

Target Compounds

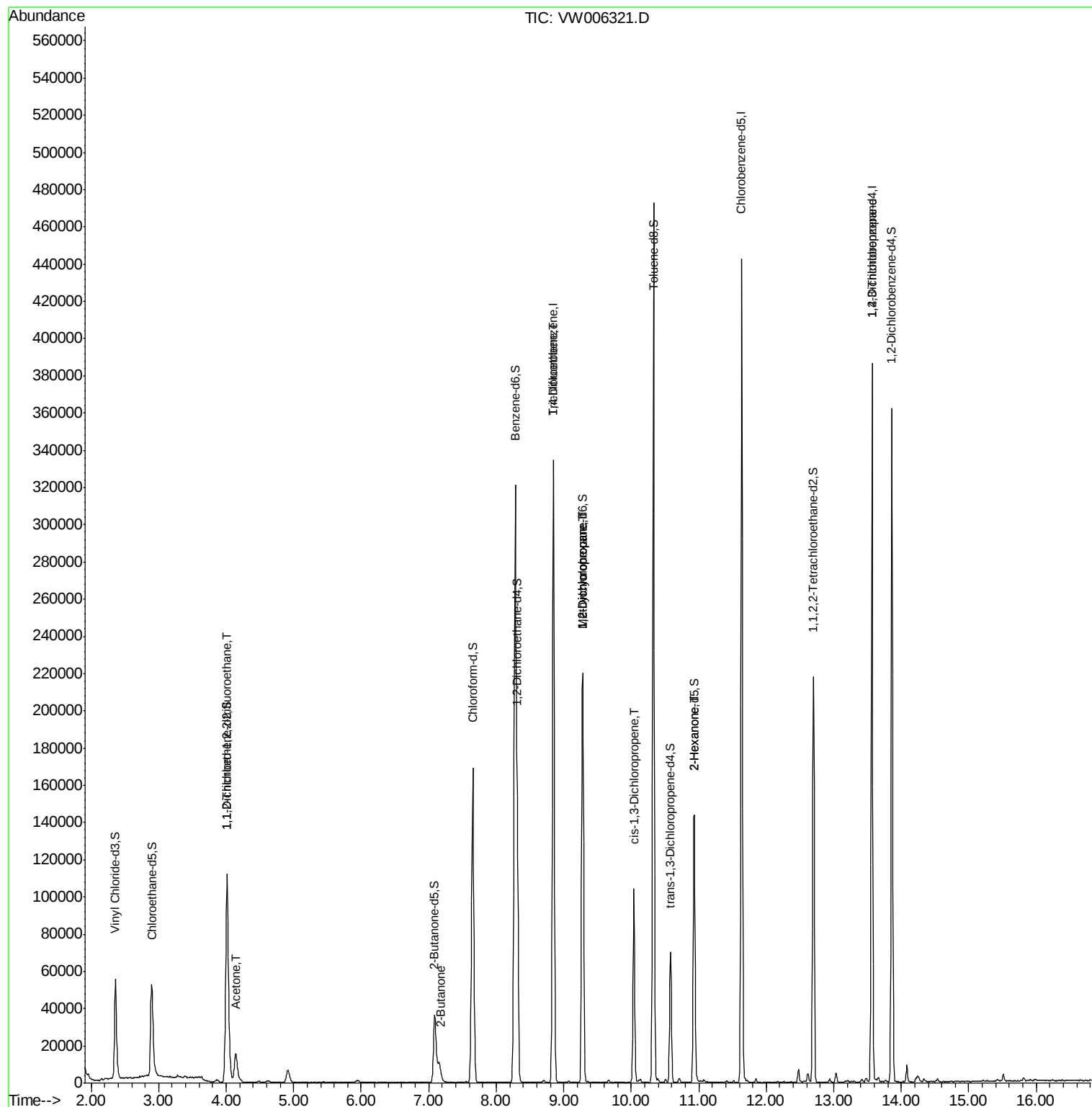
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1175	0.331	ug/L #	15
13) Acetone	4.15	43	28653	25.570	ug/L	99
21) 2-Butanone	7.18	43	3843	2.581	ug/L #	66
35) Trichloroethene	8.85	95	8296	2.204	ug/L #	2
36) Methylcyclohexane	9.28	83	25320	3.672	ug/L #	21
40) 1,2-Dichloropropane	9.27	63	11718	3.532	ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	2883	0.532	ug/L #	79
49) 2-Hexanone	10.93	43	7082	3.614	ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	10857	4.053	ug/L #	87

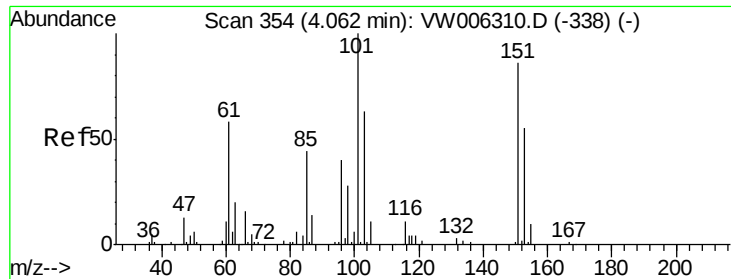
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 25 07:32:16 2018
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.331 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW006321.D

Acq: 24 Oct 2018 16:00

Instrument :

MSVOA_W

ClientSampled :

A40J7

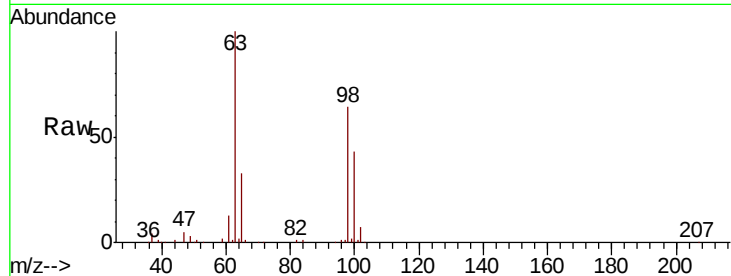
Tgt Ion: 101 Resp: 1175

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

151 0.0 68.7 103.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

4.01

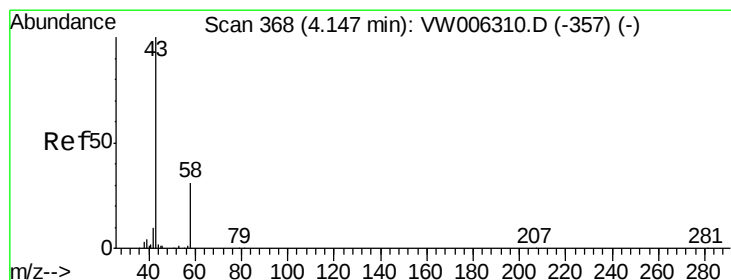
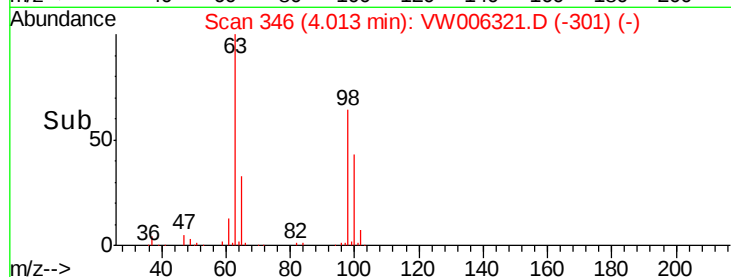
400

200

0

3.95 4.00 4.05 4.10

Time-->



#13

Acetone

Concen: 25.570 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006321.D

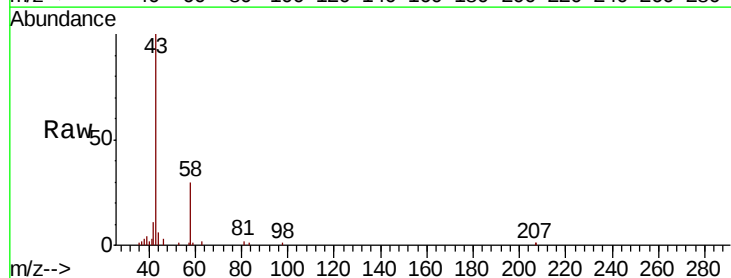
Acq: 24 Oct 2018 16:00

Tgt Ion: 43 Resp: 28653

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10000

8000

6000

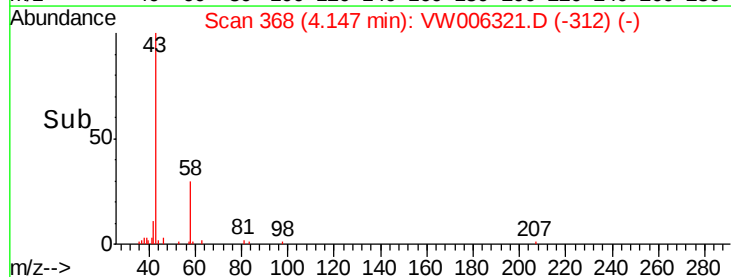
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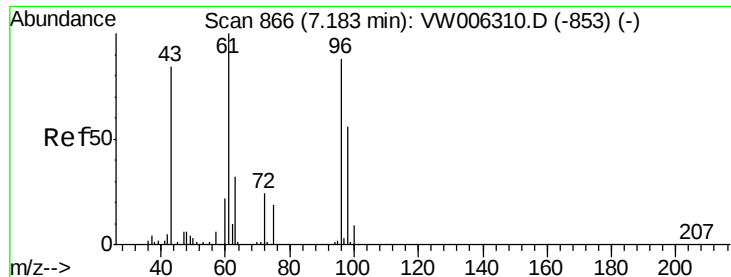
2000

0

4.00 4.10 4.20 4.30

Time-->





#21

2-Butanone

Concen: 2.581 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006321.D

Acq: 24 Oct 2018 16:00

Instrument :

MSVOA_W

ClientSampleId :

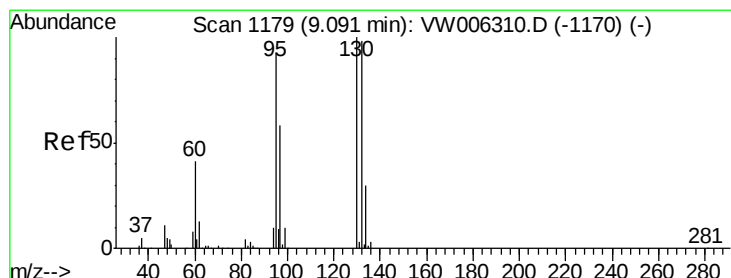
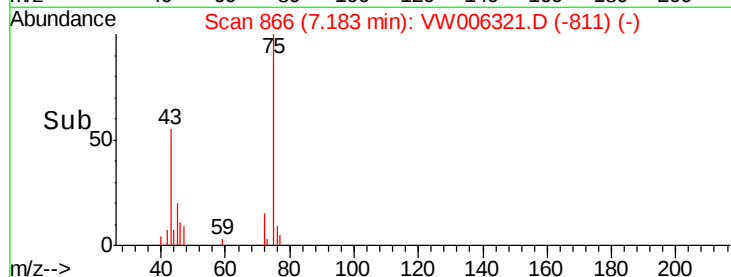
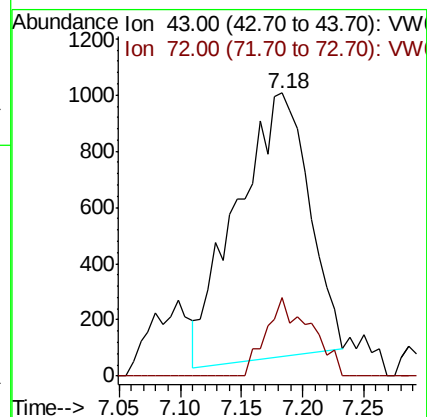
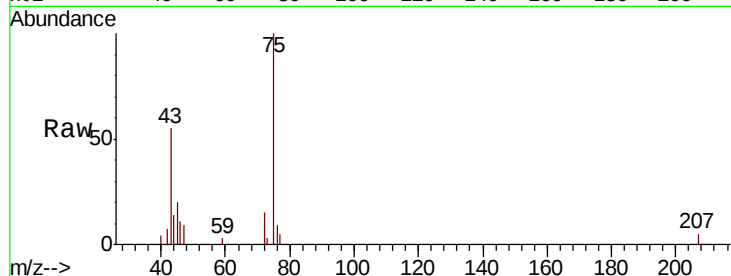
A40J7

Tgt Ion: 43 Resp: 3843

Ion Ratio Lower Upper

43 100

72 9.9 13.8 41.4#



#35

Trichloroethene

Concen: 2.204 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006321.D

Acq: 24 Oct 2018 16:00

Tgt Ion: 95 Resp: 8296

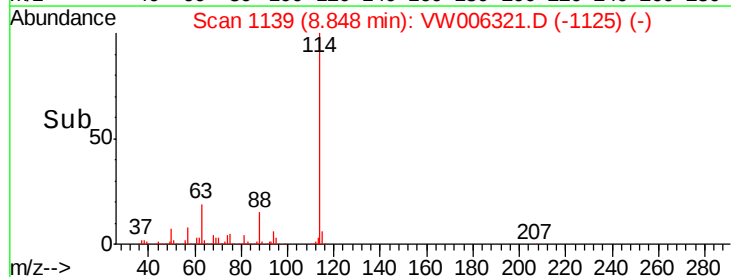
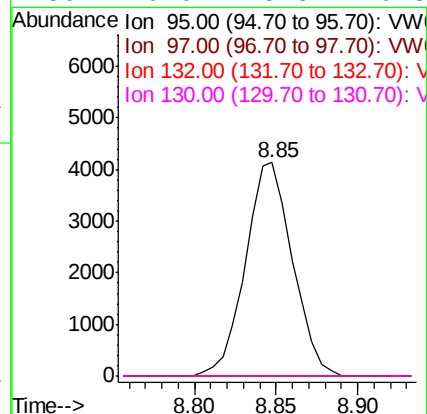
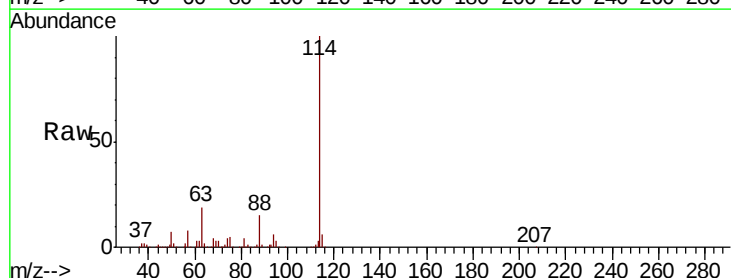
Ion Ratio Lower Upper

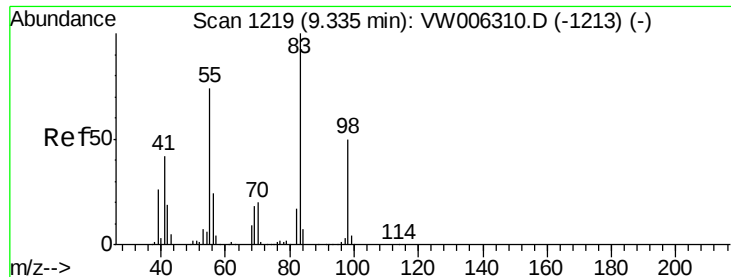
95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

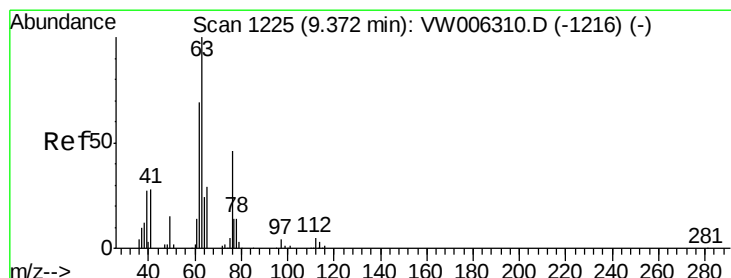
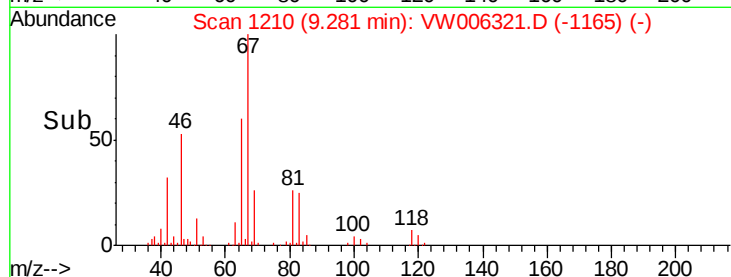
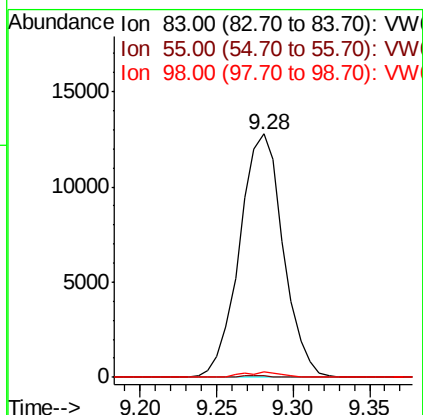
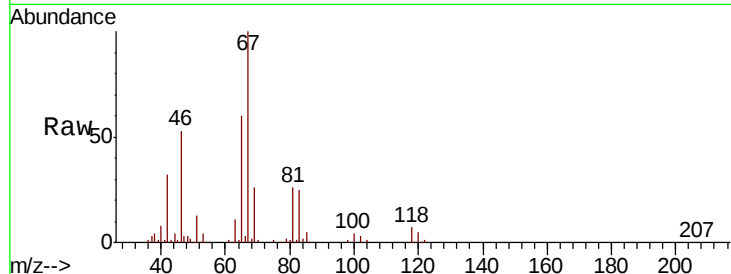




#36
Methylcyclohexane
Concen: 3.672 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW006321.D
Acq: 24 Oct 2018 16:00

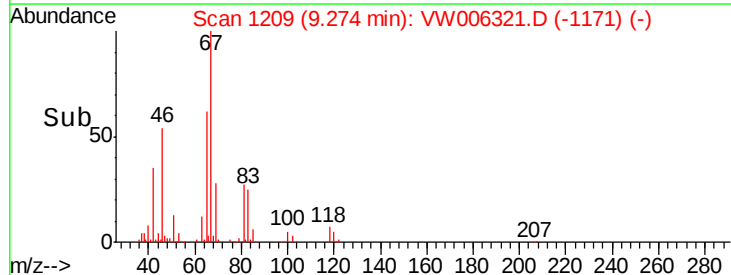
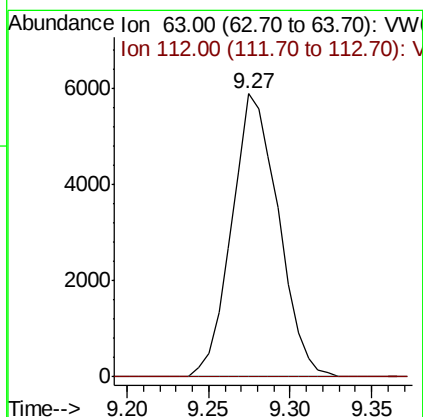
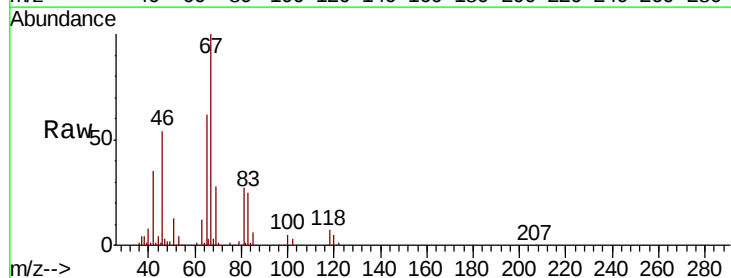
Instrument :
MSVOA_W
ClientSampled :
A40J7

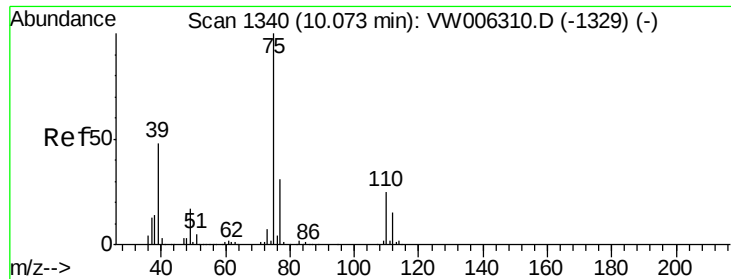
Tgt Ion: 83 Resp: 25320
Ion Ratio Lower Upper
83 100
55 0.4 57.1 85.7#
98 1.0 38.9 58.3#



#40
1,2-Dichloropropane
Concen: 3.532 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW006321.D
Acq: 24 Oct 2018 16:00

Tgt Ion: 63 Resp: 11718
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#





#42

cis-1,3-Dichloropropene

Concen: 0.532 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006321.D

Acq: 24 Oct 2018 16:00

Instrument :

MSVOA_W

ClientSampleId :

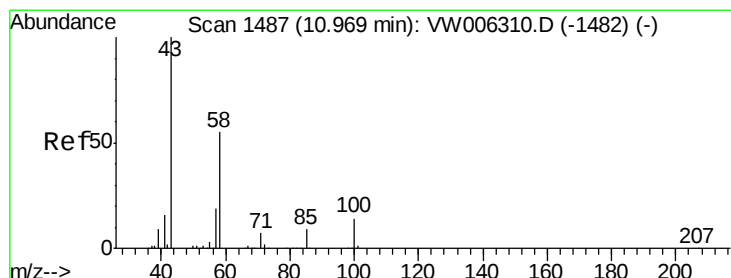
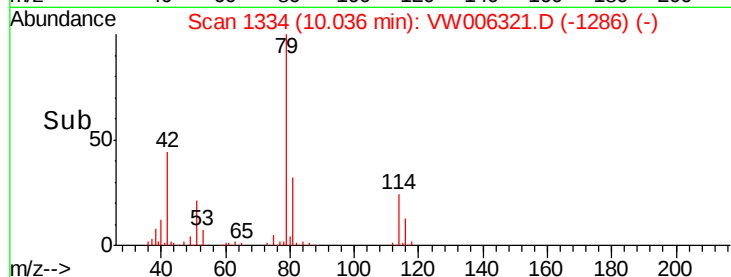
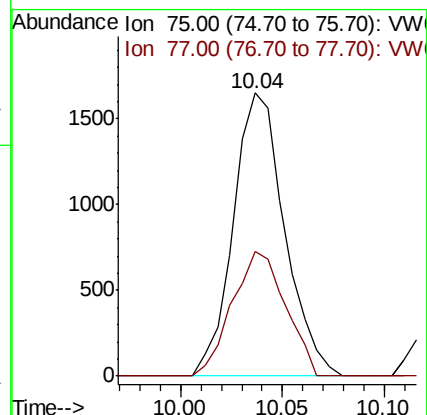
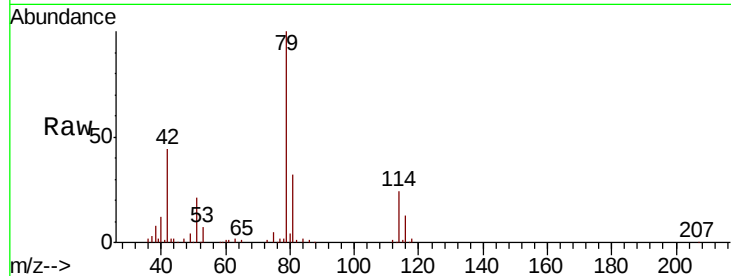
A40J7

Tgt Ion: 75 Resp: 2883

Ion Ratio Lower Upper

75 100

77 43.9 22.6 42.0#



#49

2-Hexanone

Concen: 3.614 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006321.D

Acq: 24 Oct 2018 16:00

Tgt Ion: 43 Resp: 7082

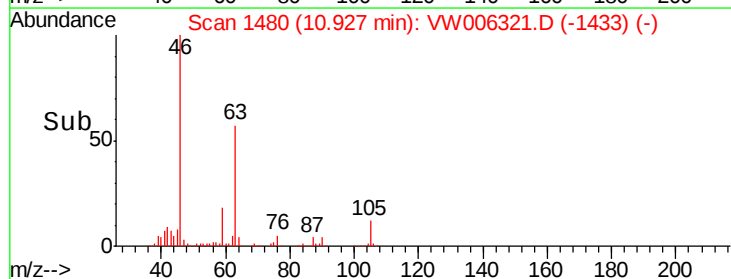
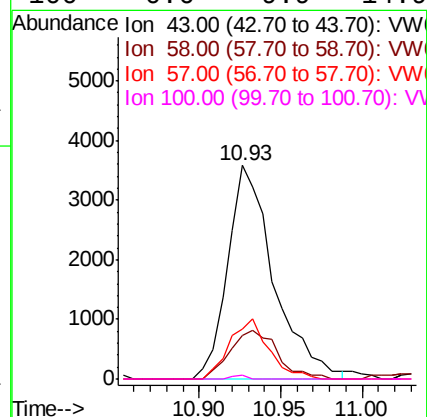
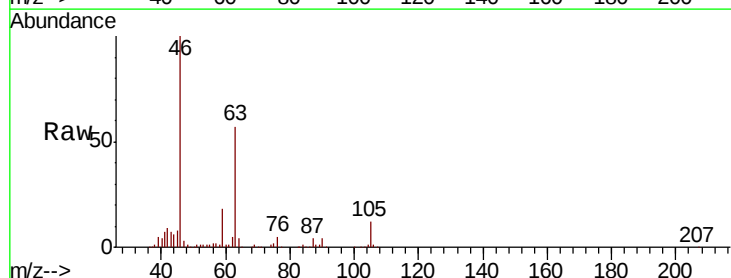
Ion Ratio Lower Upper

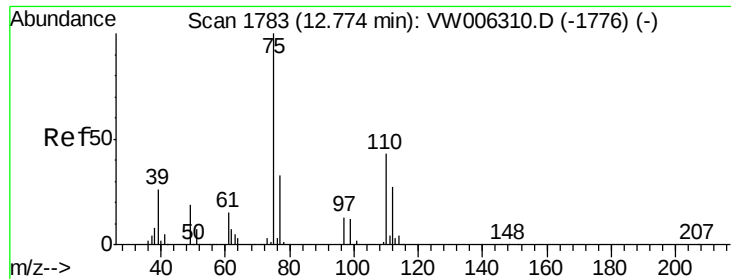
43 100

58 23.6 42.1 63.1#

57 23.8 15.1 22.7#

100 0.6 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 4.053 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006321.D

Acq: 24 Oct 2018 16:00

Instrument :

MSVOA_W

ClientSampleId :

A40J7

Tgt Ion: 75 Resp: 10857

Ion Ratio Lower Upper

75 100

77 39.4 25.9 38.9#

