

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
 Data File : VW006320.D
 Acq On : 24 Oct 2018 15:34
 Operator : SY/AP
 Sample : J5635-13
 Misc : 4.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40J6

Quant Time: Oct 25 07:36:59 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	302695	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	257081	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	99189	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68821	20.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.64%
7) Chloroethane-d5	2.90	69	70610	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.12%
10) 1,1-Dichloroethene-d2	4.01	63	108949	16.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.48%
20) 2-Butanone-d5	7.09	46	35007	30.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.88%
24) Chloroform-d	7.65	84	170389	25.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	8.31	65	103774	28.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.44%
29) Benzene-d6	8.28	84	319567	27.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.52%
33) 1,2-Dichloropropane-d6	9.28	67	100962	28.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.64%
37) Toluene-d8	10.33	98	290661	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.60%
38) trans-1,3-Dichloropropene-	10.58	79	33504	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.28%
39) 2-Hexanone-d5	10.93	63	29876	35.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.20%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	98859	28.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	87240	25.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.64%

Target Compounds

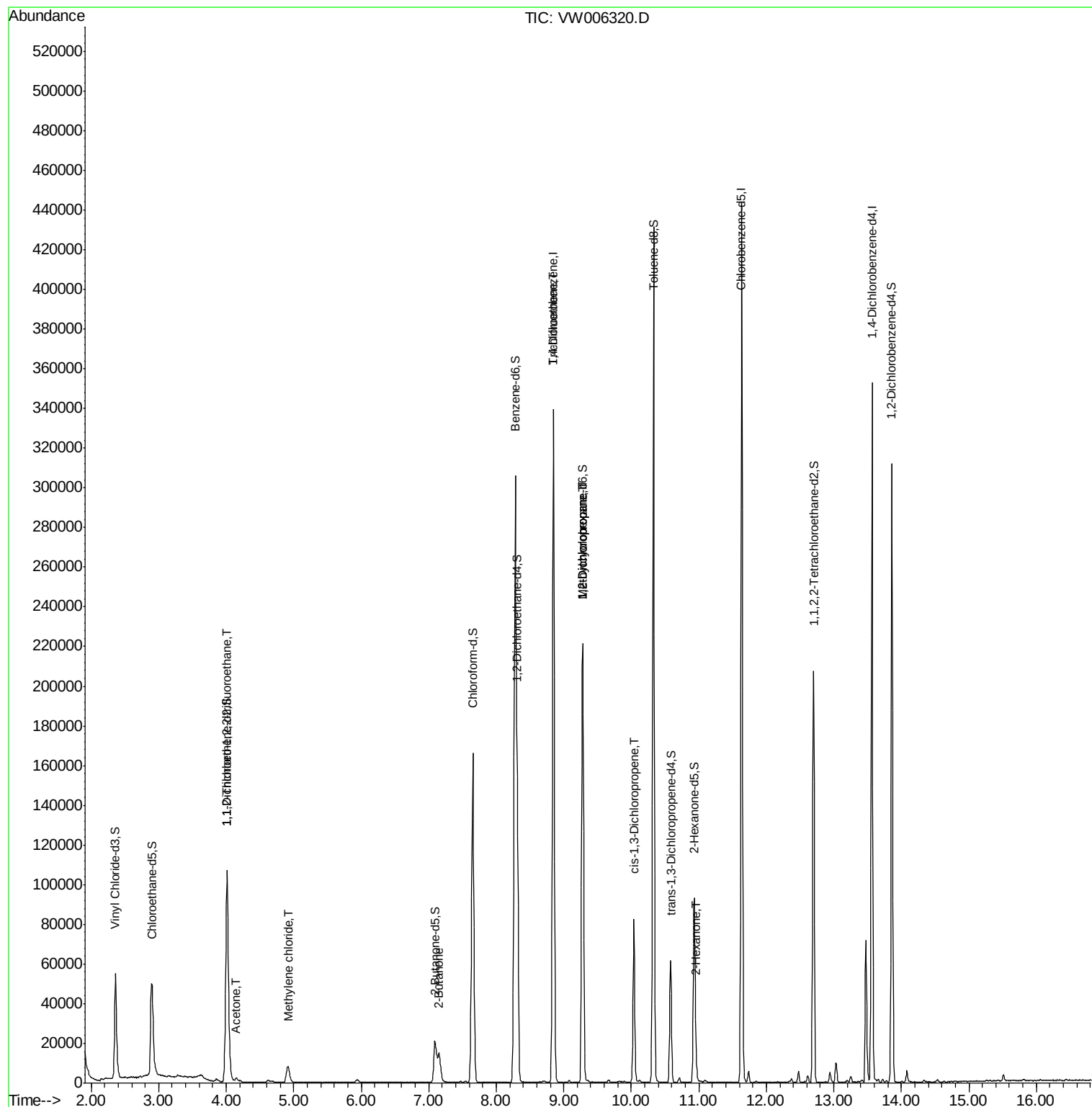
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1111	0.307	ug/L #	15
13) Acetone	4.14	43	1684	1.473	ug/L	79
16) Methylene chloride	4.91	84	7258	1.857	ug/L	89
21) 2-Butanone	7.15	43	13963	9.193	ug/L #	47
35) Trichloroethene	8.85	95	8796	2.369	ug/L #	2
36) Methylcyclohexane	9.28	83	25157	3.698	ug/L #	21
40) 1,2-Dichloropropane	9.28	63	11935	3.646	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2326	0.435	ug/L #	63
49) 2-Hexanone	10.96	43	10278	5.316	ug/L #	41

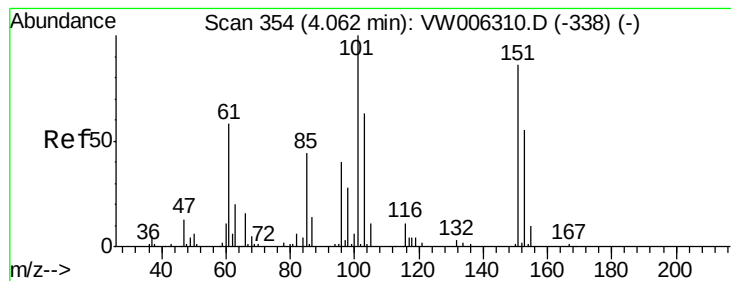
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 25 07:32:16 2018
Response via : Initial Calibration





#11

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

Concen: 0.307 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW006320.D

Acq: 24 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampled :

A40J6

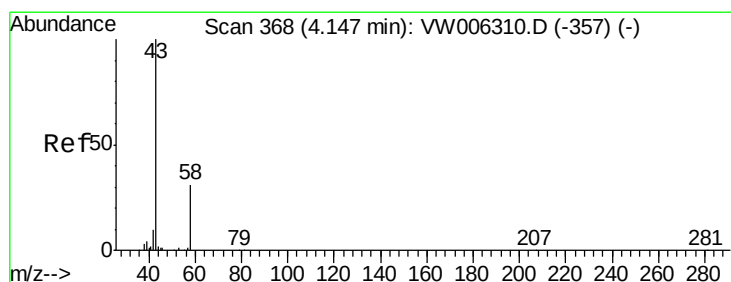
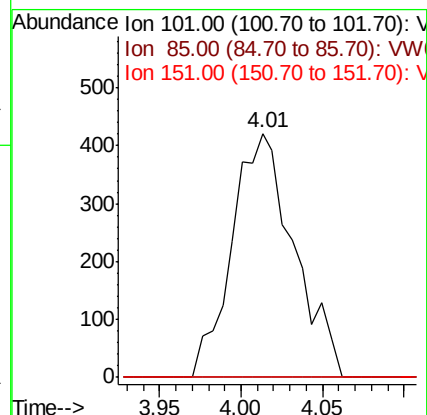
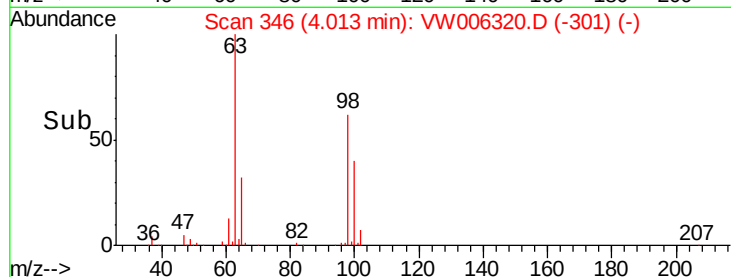
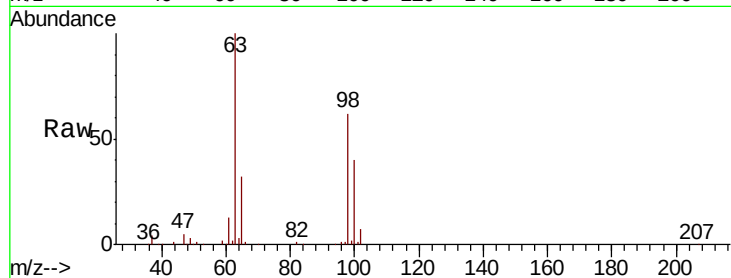
Tgt Ion: 101 Resp: 1111

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

151 0.0 68.7 103.1#



#13

Acetone

Concen: 1.473 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW006320.D

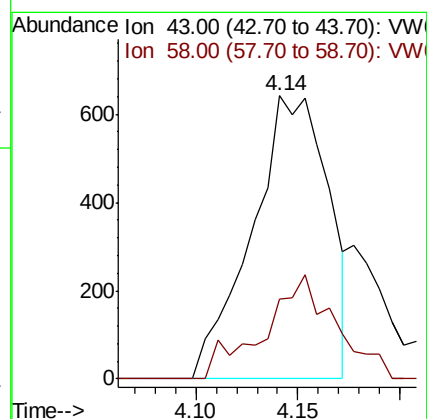
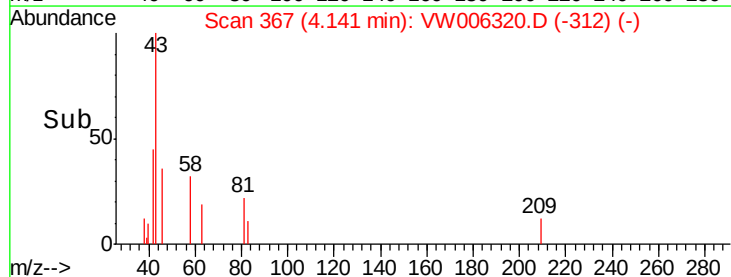
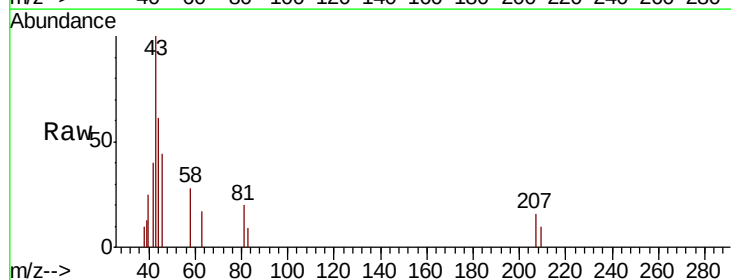
Acq: 24 Oct 2018 15:34

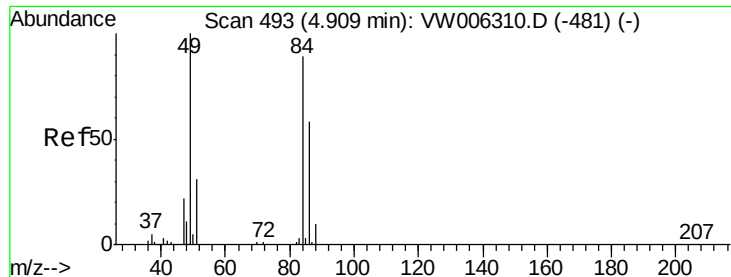
Tgt Ion: 43 Resp: 1684

Ion Ratio Lower Upper

43 100

58 19.2 0.0 61.2

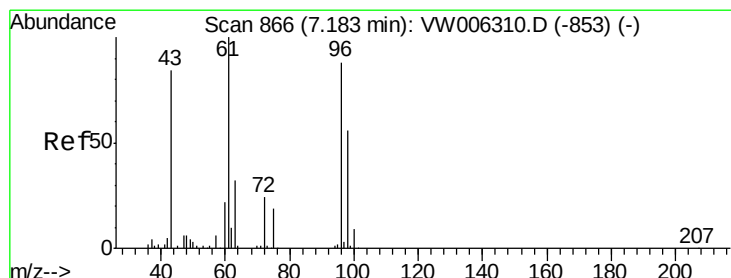
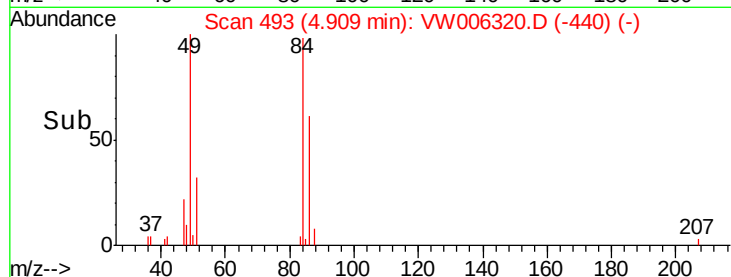
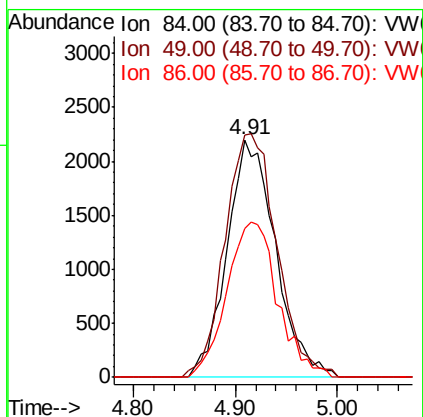
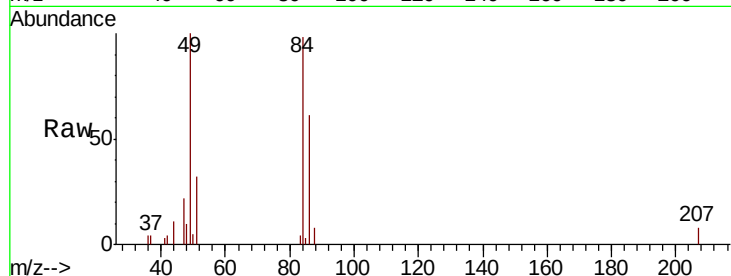




#16
Methylene chloride
Concen: 1.857 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006320.D
Acq: 24 Oct 2018 15:34

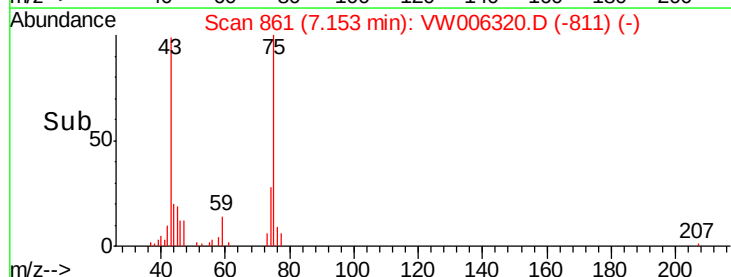
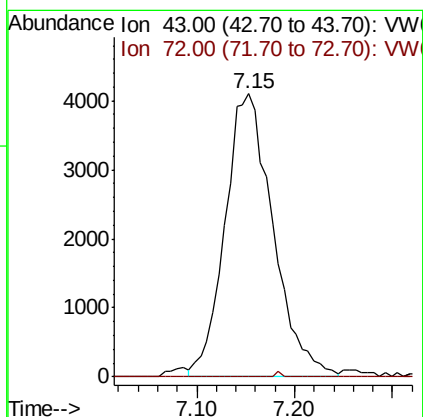
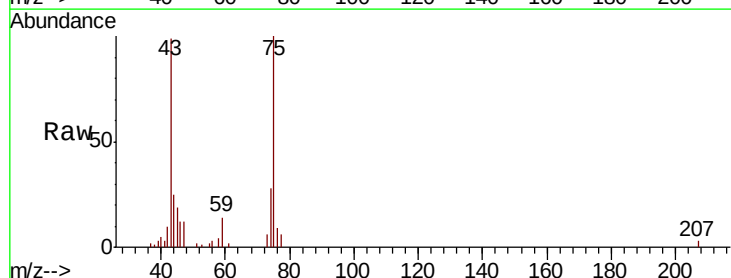
Instrument :
MSVOA_W
ClientSampleId :
A40J6

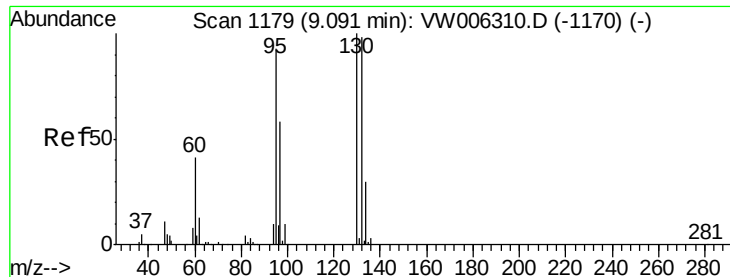
Tgt Ion: 84 Resp: 7258
Ion Ratio Lower Upper
84 100
49 102.0 83.5 155.1
86 62.6 44.9 83.5



#21
2-Butanone
Concen: 9.193 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW006320.D
Acq: 24 Oct 2018 15:34

Tgt Ion: 43 Resp: 13963
Ion Ratio Lower Upper
43 100
72 0.0 13.8 41.4#





#35

Trichloroethene

Concen: 2.369 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006320.D

Acq: 24 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampleId :

A40J6

Tgt Ion: 95 Resp: 8796

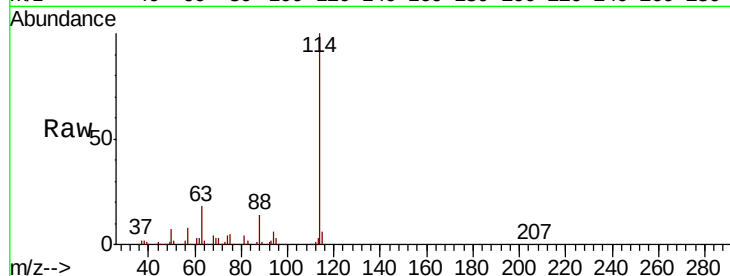
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

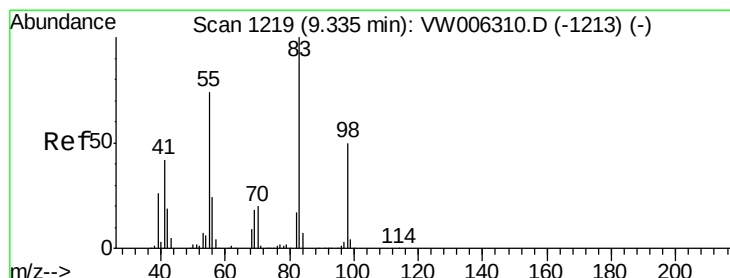
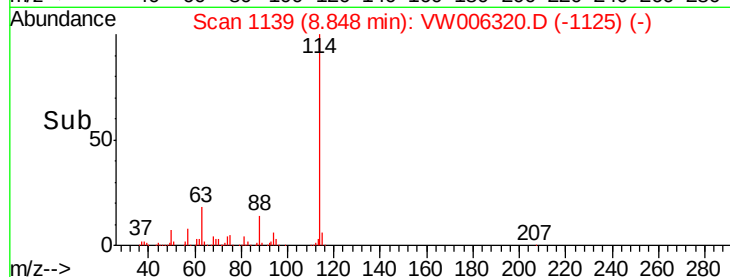
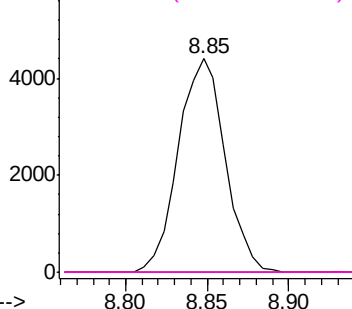


Abundance Ion 95.00 (94.70 to 95.70): VW

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

Methylcyclohexane

Concen: 3.698 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW006320.D

Acq: 24 Oct 2018 15:34

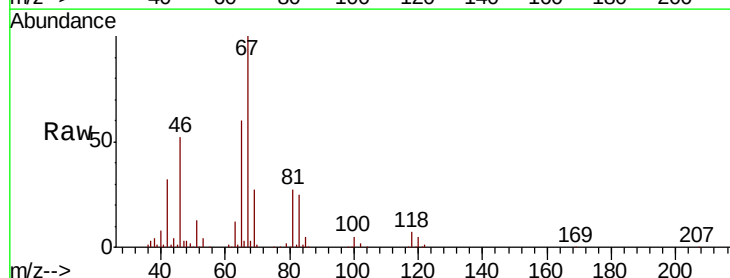
Tgt Ion: 83 Resp: 25157

Ion Ratio Lower Upper

83 100

55 0.4 57.1 85.7#

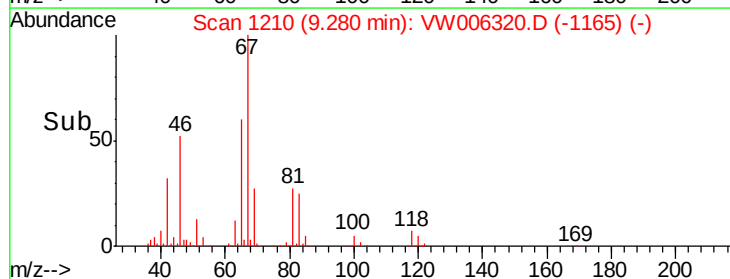
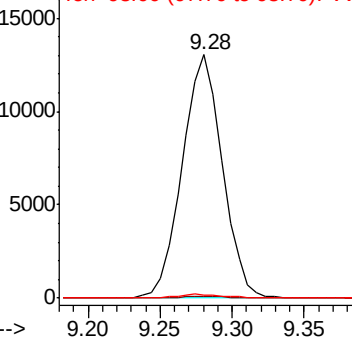
98 1.7 38.9 58.3#

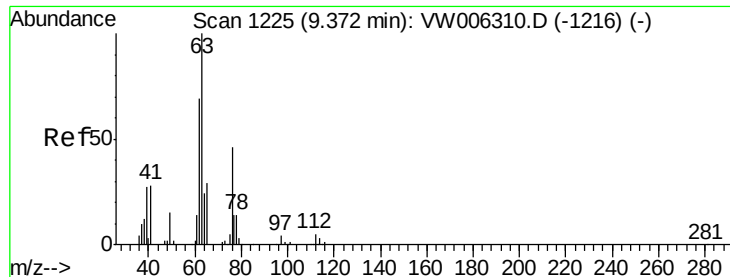


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

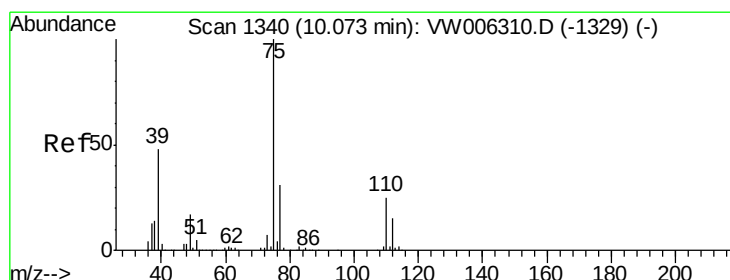
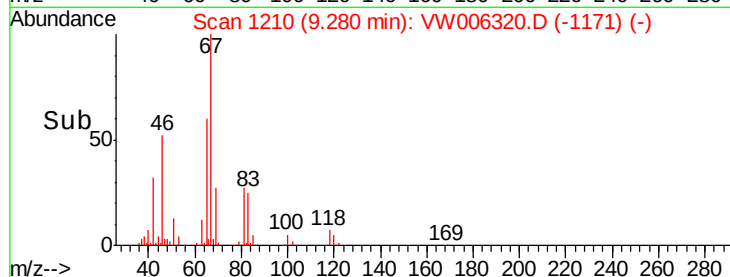
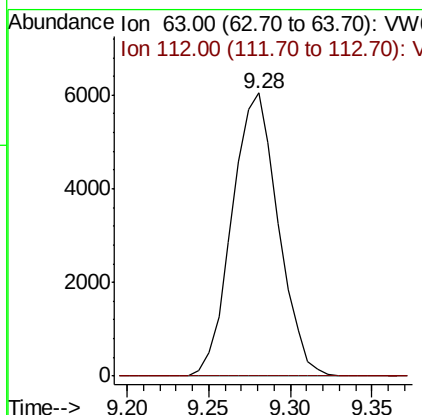
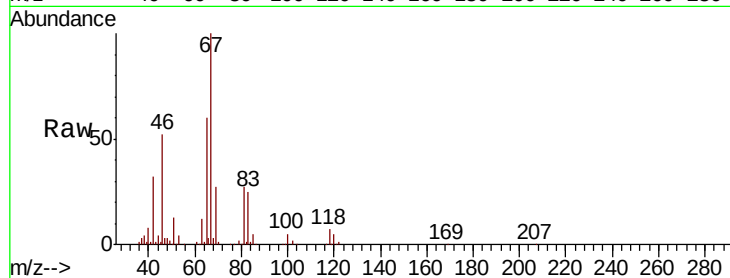




#40
 1,2-Dichloropropane
 Concen: 3.646 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW006320.D
 Acq: 24 Oct 2018 15:34

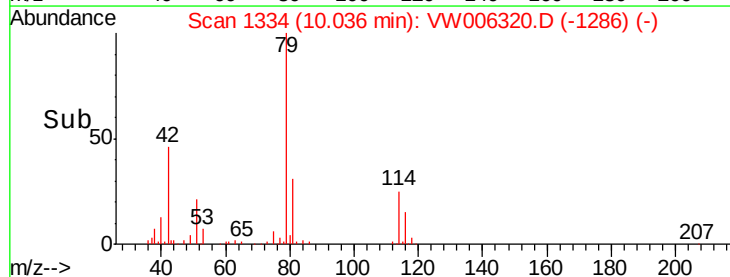
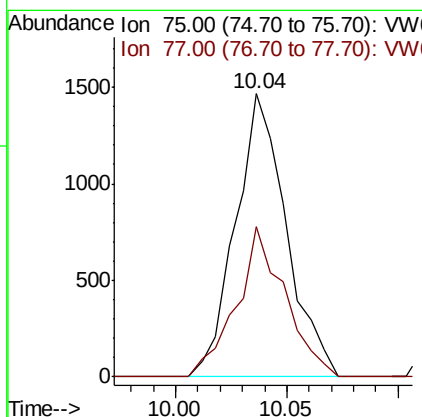
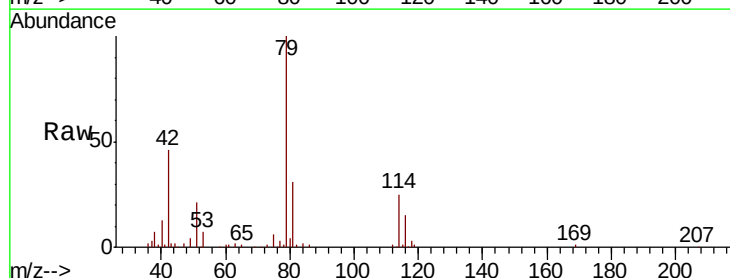
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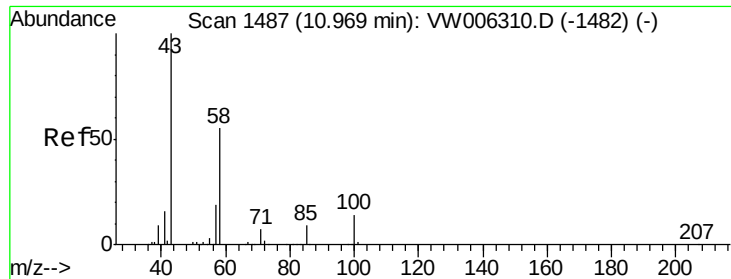
Tgt Ion: 63 Resp: 11935
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 cis-1,3-Dichloropropene
 Concen: 0.435 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006320.D
 Acq: 24 Oct 2018 15:34

Tgt Ion: 75 Resp: 2326
 Ion Ratio Lower Upper
 75 100
 77 52.9 22.6 42.0#





#49

2-Hexanone

Concen: 5.316 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW006320.D

Acq: 24 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampleId :

A40J6

Tgt Ion: 43 Resp: 10278

Ion Ratio Lower Upper

43 100

58 1.1 42.1 63.1#

57 1.0 15.1 22.7#

100 0.0 9.9 14.9#

