

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW113018\
 Data File : VW007146.D
 Acq On : 30 Nov 2018 16:23
 Operator : SY/AP
 Sample : VW1130SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK81

Quant Time: Nov 30 22:55:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 15:51:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	128407	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	124721	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	62751	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	26207	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.96%
7) Chloroethane-d5	2.89	69	19351	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
10) 1,1-Dichloroethene-d2	4.02	63	49780	17.49	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.96%
20) 2-Butanone-d5	7.08	46	25362	57.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.66%
24) Chloroform-d	7.65	84	57438	21.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	8.31	65	37924	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.44%
29) Benzene-d6	8.28	84	134784	22.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.96%
33) 1,2-Dichloropropane-d6	9.27	67	38740	22.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.28%
37) Toluene-d8	10.33	98	141413	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.24%
38) trans-1,3-Dichloropropene-	10.58	79	18856	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.88%
39) 2-Hexanone-d5	10.93	63	22293	56.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38882	25.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	54152	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

Target Compounds

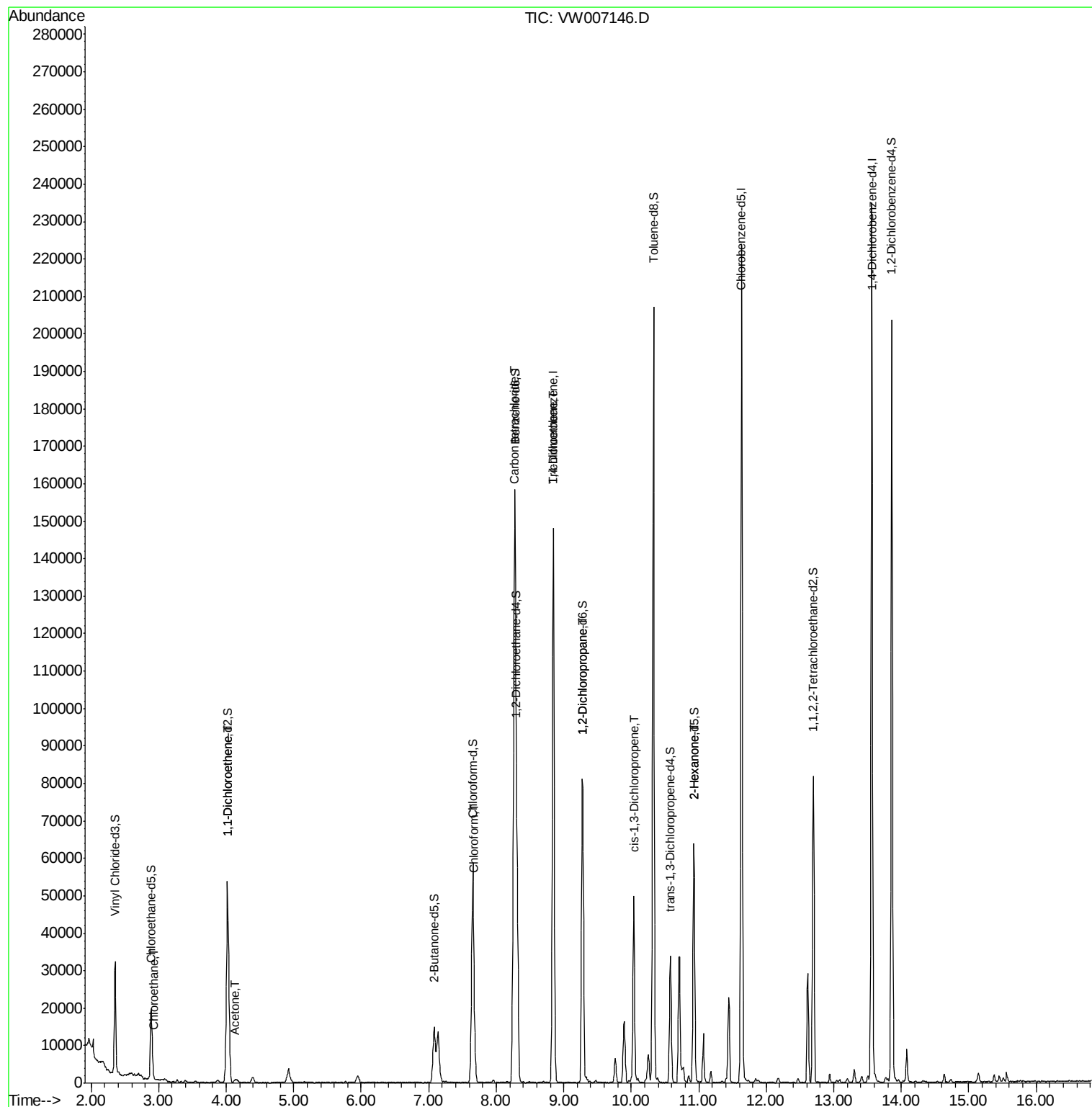
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Chloroethane	2.93	64	342	0.433	ug/L #	44
12) 1,1-Dichloroethene	4.03	96	465	0.325	ug/L #	1
13) Acetone	4.12	43	659	2.126	ug/L	76
25) Chloroform	7.67	83	2891	1.019	ug/L #	12
32) Carbon tetrachloride	8.26	117	761	0.325	ug/L #	15
35) Trichloroethene	8.84	95	3564	2.034	ug/L #	5
40) 1,2-Dichloropropane	9.28	63	4290	2.767	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	1213	0.493	ug/L #	75
49) 2-Hexanone	10.93	43	2741	3.530	ug/L #	64

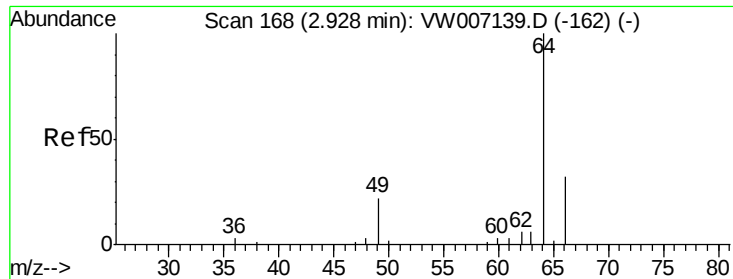
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK81

Quant Time: Nov 30 22:55:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 30 15:51:51 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.433 ug/L

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007146.D

Acq: 30 Nov 2018 16:23

Instrument :

MSVOA_W

ClientSampleId :

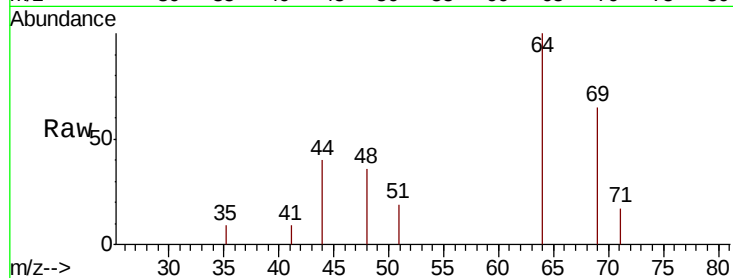
VBLK81

Tgt Ion: 64 Resp: 342

Ion Ratio Lower Upper

64 100

66 0.0 21.4 39.8#



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW

2.93

600

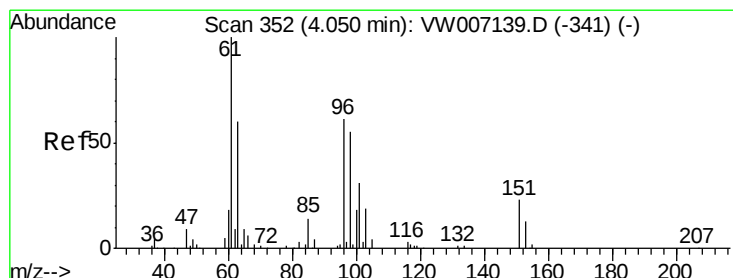
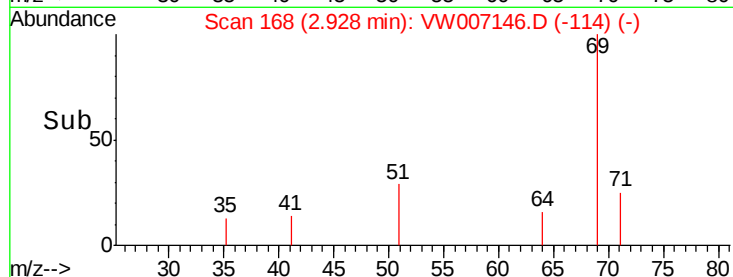
400

200

0

2.90 2.92 2.94 2.96

Time-->



#12

1,1-Dichloroethene

Concen: 0.325 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW007146.D

Acq: 30 Nov 2018 16:23

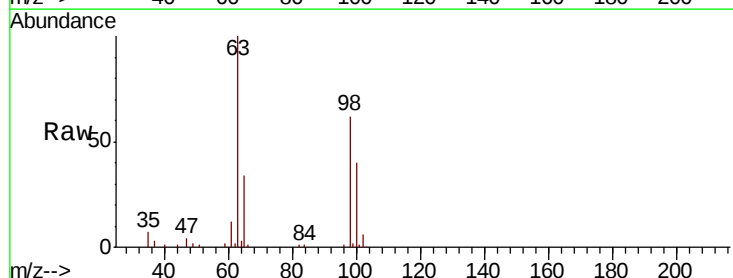
Tgt Ion: 96 Resp: 465

Ion Ratio Lower Upper

96 100

61 884.1 114.9 213.5#

63 7330.2 73.1 135.7#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

25000

20000

15000

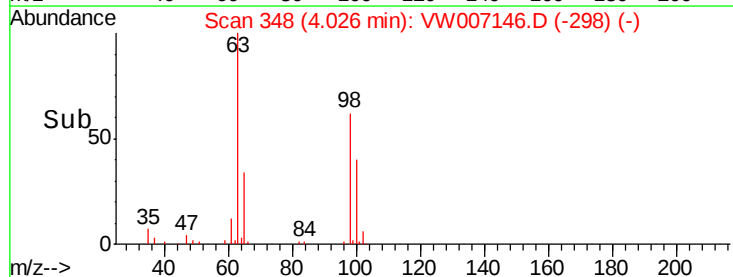
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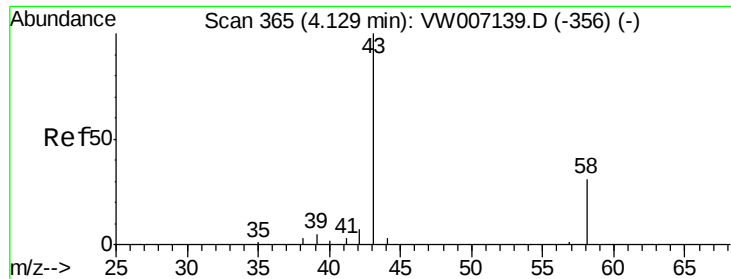
5000

0

4.00 4.05

Time-->





#13

Acetone

Concen: 2.126 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW007146.D

Acq: 30 Nov 2018 16:23

Instrument :

MSVOA_W

ClientSampleId :

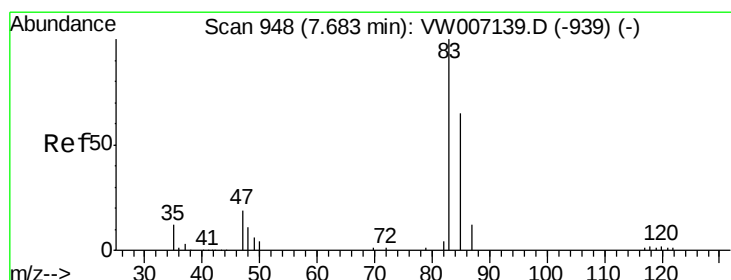
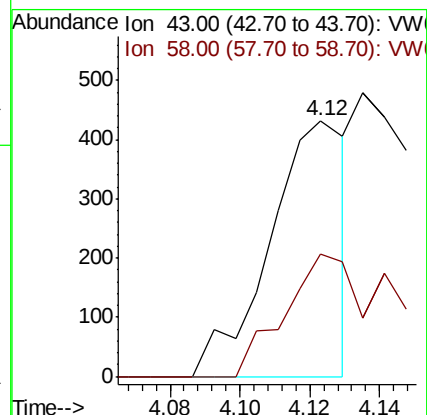
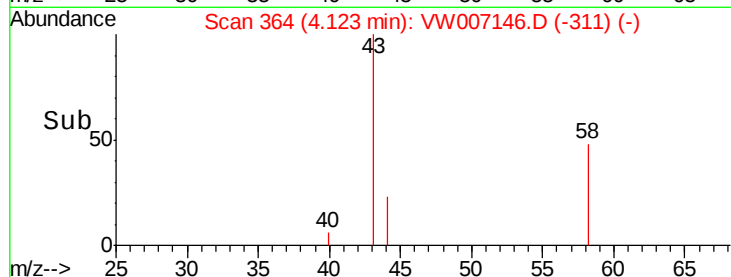
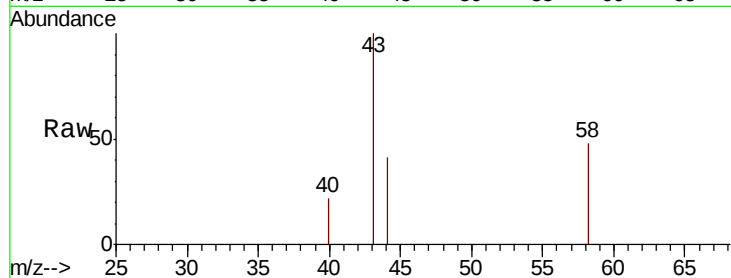
VBLK81

Tgt Ion: 43 Resp: 659

Ion Ratio Lower Upper

43 100

58 44.3 0.0 62.4



#25

Chloroform

Concen: 1.019 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW007146.D

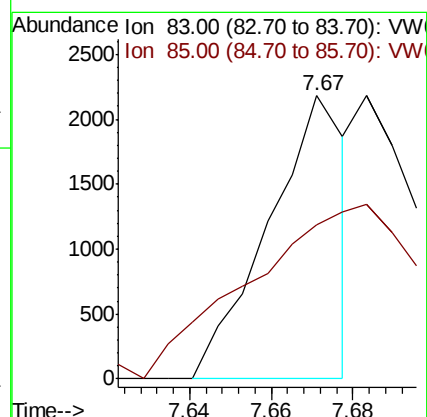
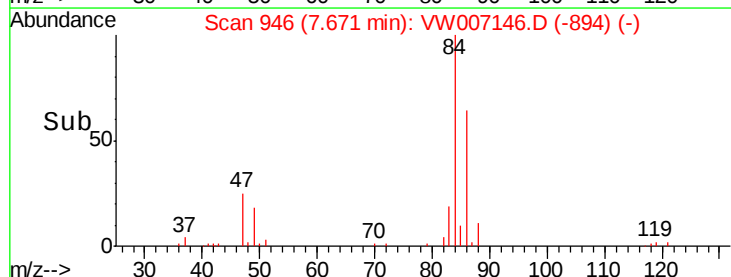
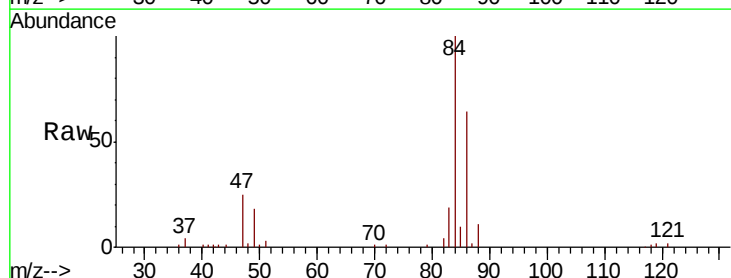
Acq: 30 Nov 2018 16:23

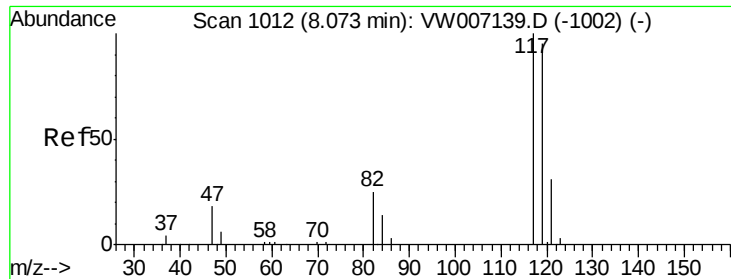
Tgt Ion: 83 Resp: 2891

Ion Ratio Lower Upper

83 100

85 136.1 46.1 85.7#





#32

Carbon tetrachloride

Concen: 0.325 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. 0.19 min

Lab File: VW007146.D

Acq: 30 Nov 2018 16:23

Instrument :

MSVOA_W

ClientSampleId :

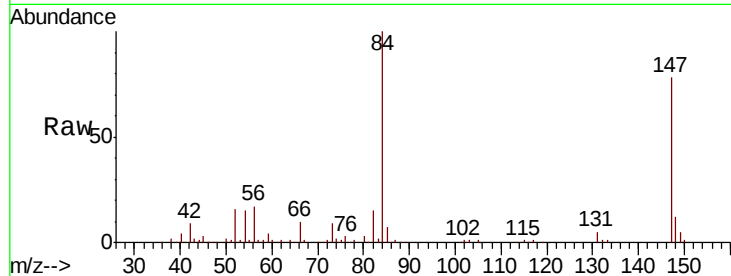
VBLK81

Tgt Ion: 117 Resp: 761

Ion Ratio Lower Upper

117 100

119 12.4 75.5 113.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.26

400

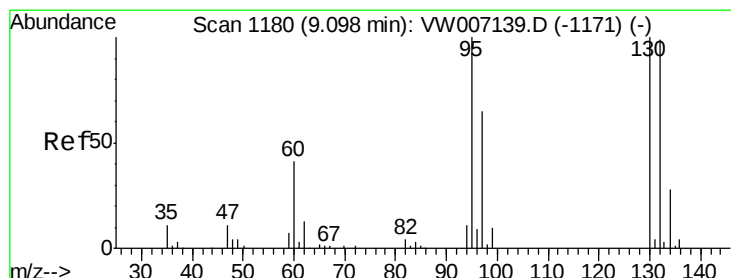
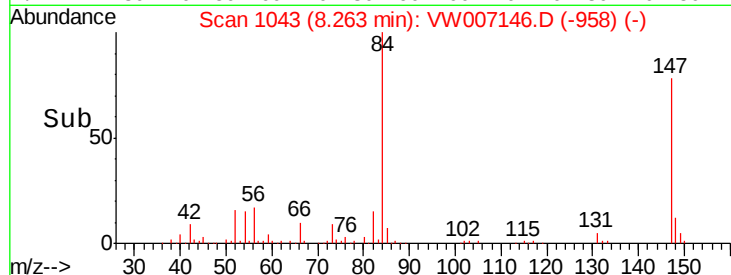
300

200

100

0

Time--> 8.20 8.25 8.30



#35

Trichloroethene

Concen: 2.034 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW007146.D

Acq: 30 Nov 2018 16:23

Tgt Ion: 95 Resp: 3564

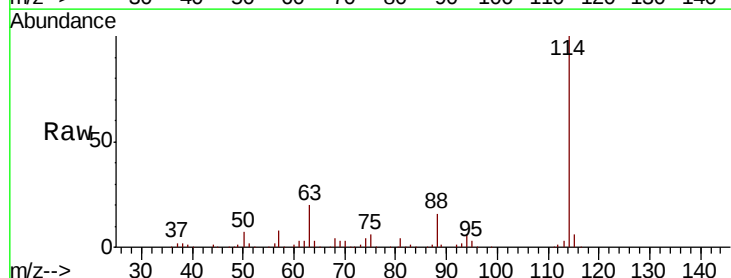
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 68.2 126.6#

130 1.3 70.9 131.7#



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

2500

2000

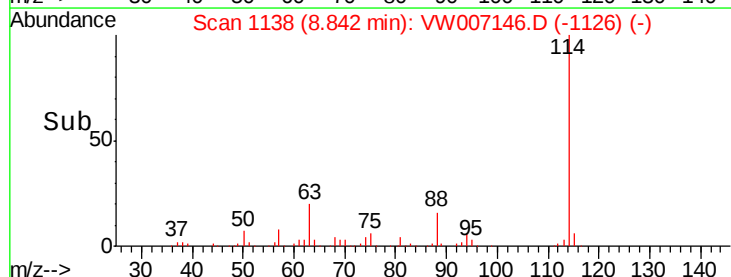
1500

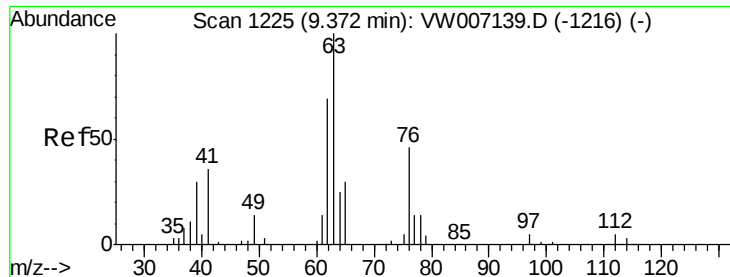
1000

500

0

Time--> 8.80 8.85 8.90

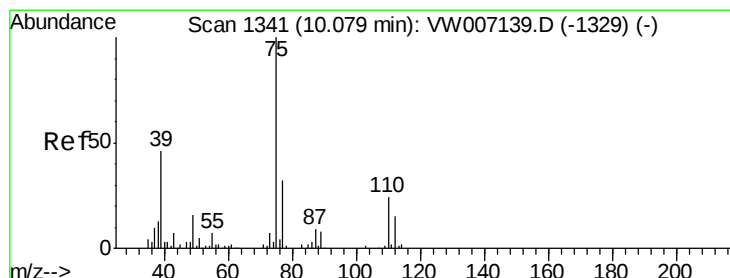
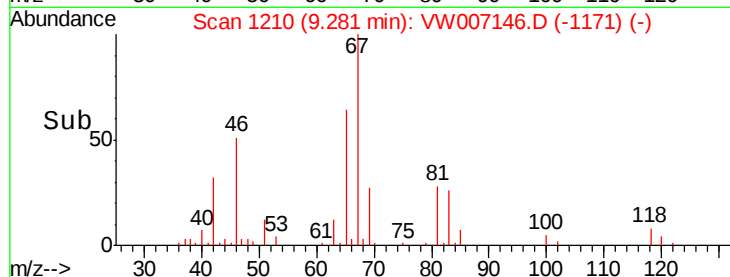
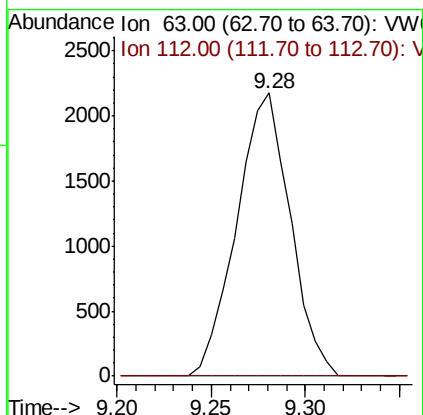
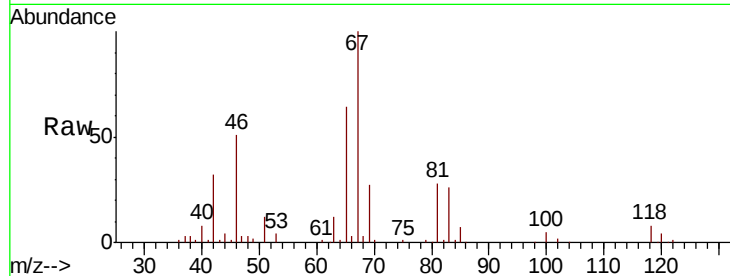




#40
 1,2-Dichloropropane
 Concen: 2.767 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW007146.D
 Acq: 30 Nov 2018 16:23

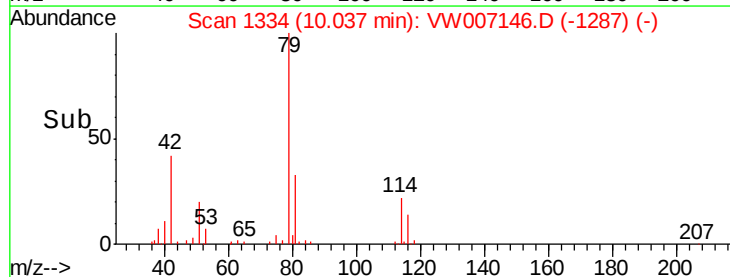
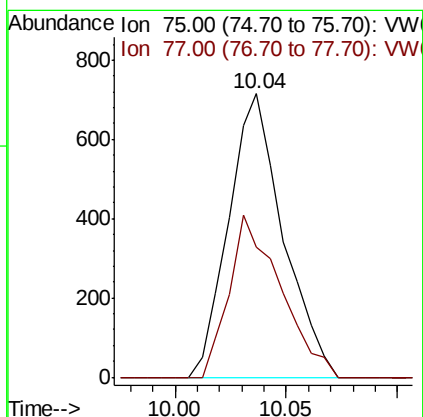
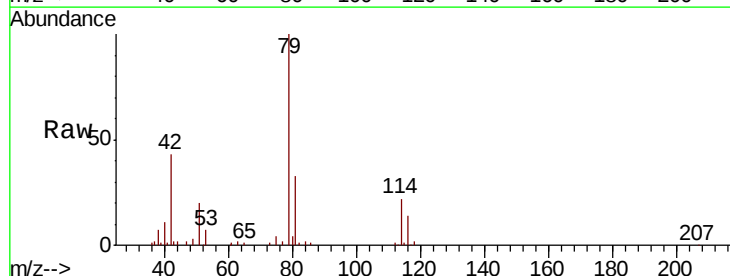
Instrument :
 MSVOA_W
 ClientSampled :
 VBLK81

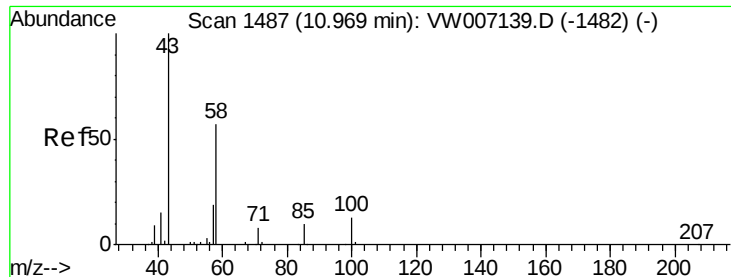
Tgt Ion: 63 Resp: 4290
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.493 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007146.D
 Acq: 30 Nov 2018 16:23

Tgt Ion: 75 Resp: 1213
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.3 41.5#





#49

2-Hexanone

Concen: 3.530 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007146.D

Acq: 30 Nov 2018 16:23

Instrument :

MSVOA_W

ClientSampleId :

VBLK81

Tgt Ion: 43 Resp: 2741

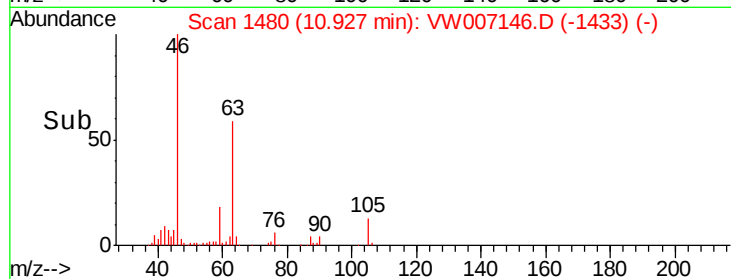
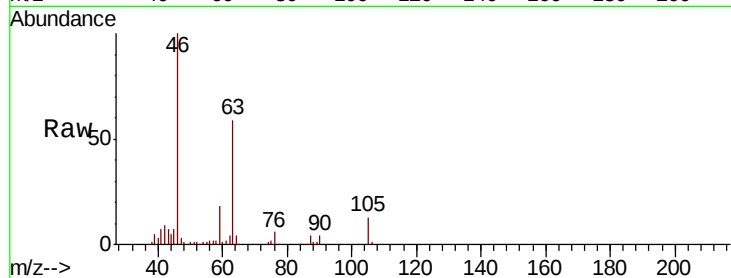
Ion Ratio Lower Upper

43 100

58 21.8 44.2 66.2#

57 26.2 16.3 24.5#

100 0.0 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

