

Data File : VW007925.D
Acq On : 26 Dec 2018 16:14
Operator : SY/AP
Sample : J6468-06
Misc : 4.22G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0JG4RE

Quant Time: Dec 27 00:47:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	89392	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	62035	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	18098	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	22828	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.64%
7) Chloroethane-d5	2.89	69	15722	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.96%
10) 1,1-Dichloroethene-d2	4.00	63	43962	18.43	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.72%
20) 2-Butanone-d5	7.07	46	19529	51.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.96%
24) Chloroform-d	7.65	84	58517	24.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.44%
26) 1,2-Dichloroethane-d4	8.31	65	36454	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.28%
29) Benzene-d6	8.27	84	109599	31.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.00%
33) 1,2-Dichloropropane-d6	9.27	67	30673	32.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.64%#
37) Toluene-d8	10.32	98	89595	26.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.72%
38) trans-1,3-Dichloropropene-	10.58	79	14431	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.24%
39) 2-Hexanone-d5	10.93	63	14770	61.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	23904	26.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	17133	23.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.76%

Target Compounds

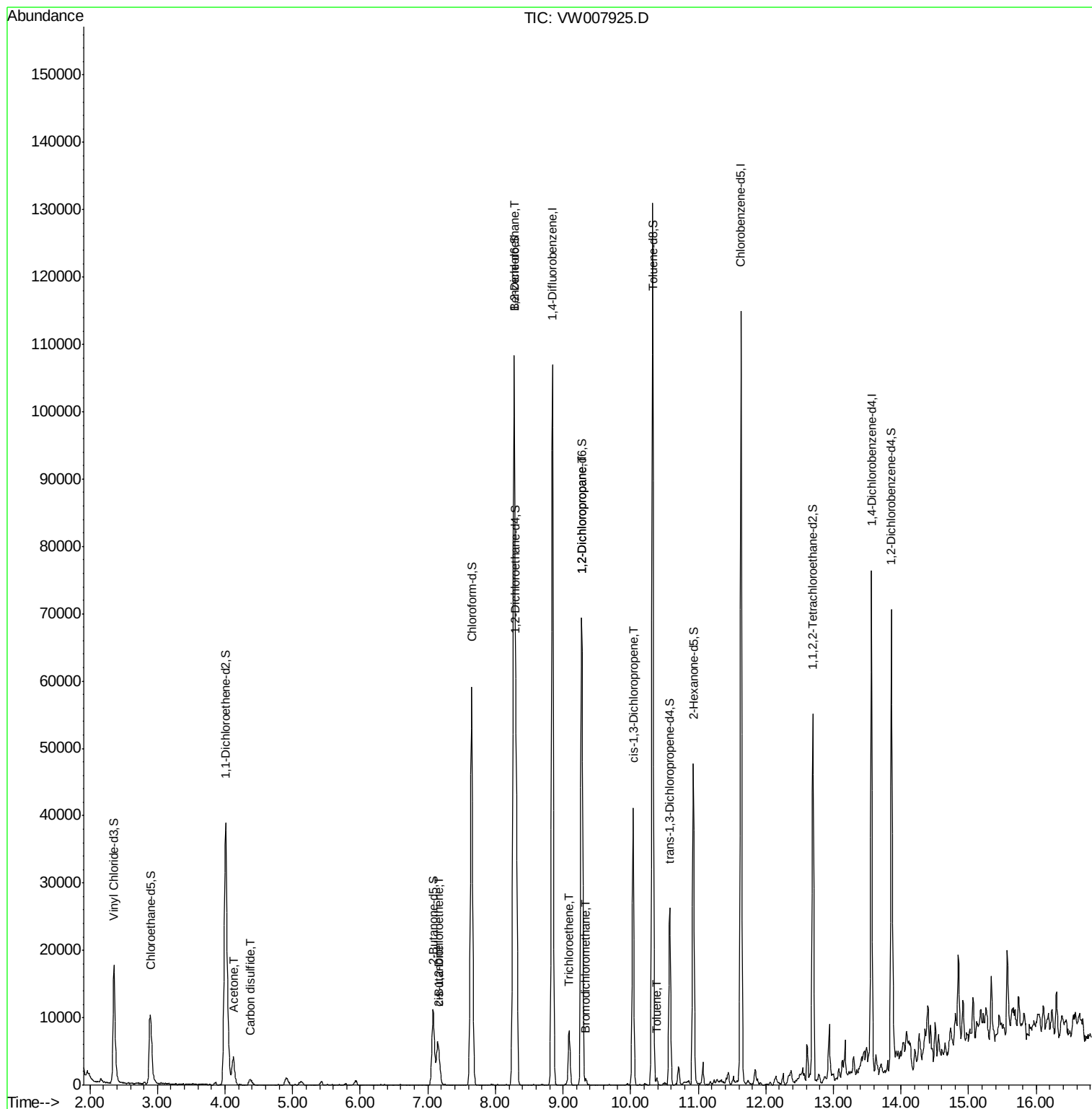
					Qvalue
13) Acetone	4.12	43	6792	18.503 ug/L	80
14) Carbon disulfide	4.37	76	1719	0.525 ug/L #	74
21) 2-Butanone	7.17	43	2141	5.126 ug/L #	72
22) cis-1,2-Dichloroethene	7.17	96	642	0.535 ug/L	85
27) 1,2-Dichloroethane	8.27	62	755	0.490 ug/L #	80
35) Trichloroethene	9.09	95	2768	2.870 ug/L	96
40) 1,2-Dichloropropane	9.27	63	3992	5.116 ug/L #	86
41) Bromodichloromethane	9.34	83	320	0.279 ug/L #	25
42) cis-1,3-Dichloropropene	10.03	75	1218	0.894 ug/L	88
44) Toluene	10.39	91	1046	0.282 ug/L	93

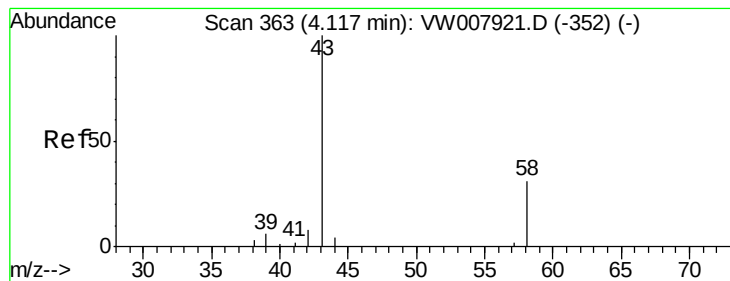
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.503 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 26 Dec 2018 16:14

Instrument :

MSVOA_W

ClientSampleId :

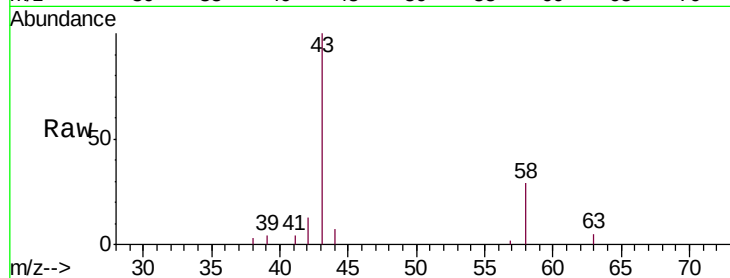
C0JG4RE

Tgt Ion: 43 Resp: 6792

Ion Ratio Lower Upper

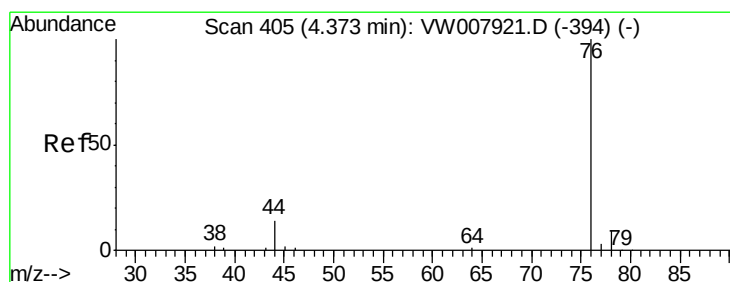
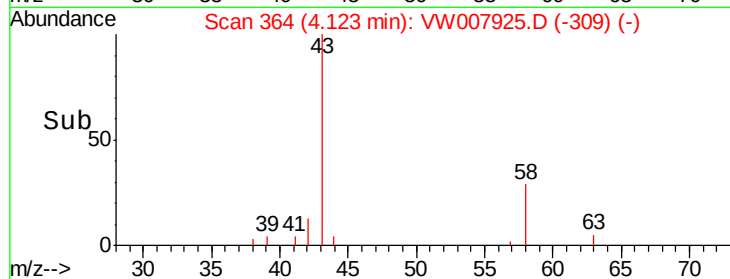
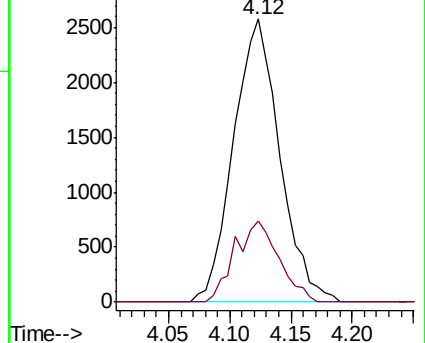
43 100

58 18.8 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.525 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW007925.D

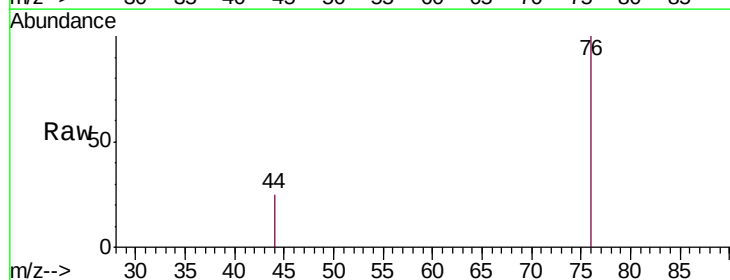
Acq: 26 Dec 2018 16:14

Tgt Ion: 76 Resp: 1719

Ion Ratio Lower Upper

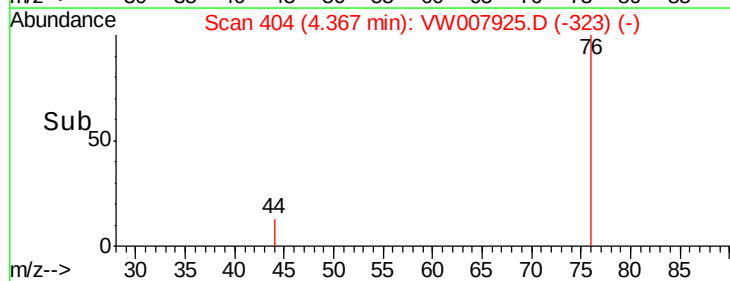
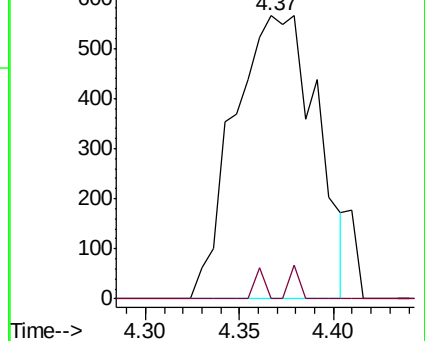
76 100

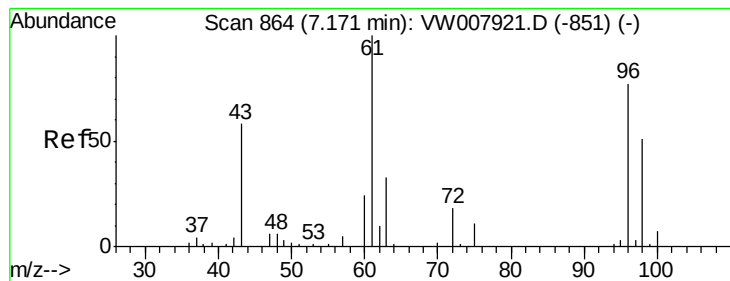
78 0.0 7.5 11.3#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#21

2-Butanone

Concen: 5.126 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007925.D

Acq: 26 Dec 2018 16:14

Instrument :

MSVOA_W

ClientSampled :

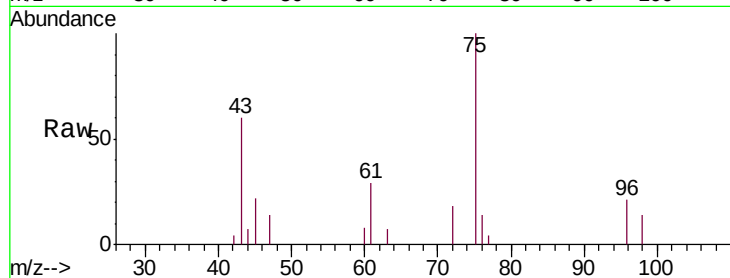
C0JG4RE

Tgt Ion: 43 Resp: 2141

Ion Ratio Lower Upper

43 100

72 13.8 14.4 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.17

800

600

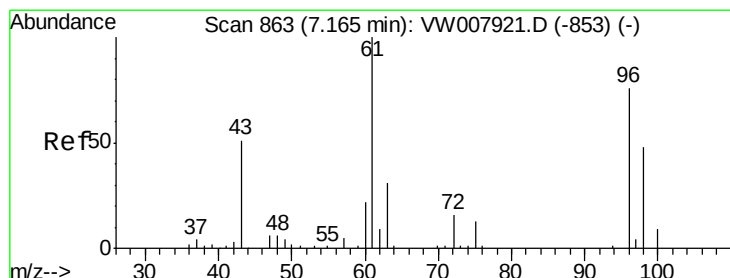
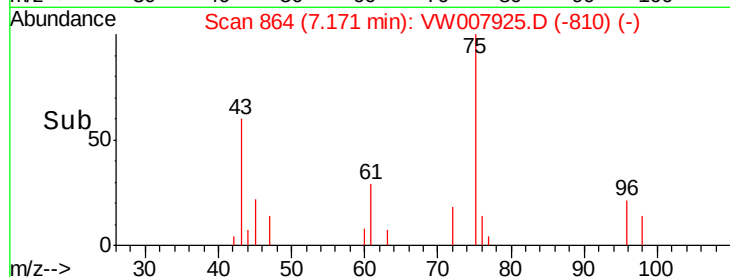
400

200

0

7.10 7.15 7.20 7.25

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.535 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007925.D

Acq: 26 Dec 2018 16:14

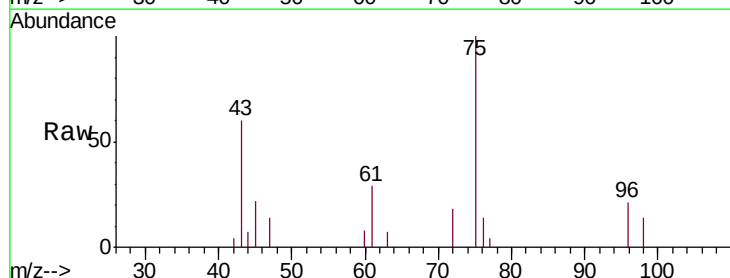
Tgt Ion: 96 Resp: 642

Ion Ratio Lower Upper

96 100

61 139.9 83.4 155.0

98 66.3 42.3 78.5



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

500

400

300

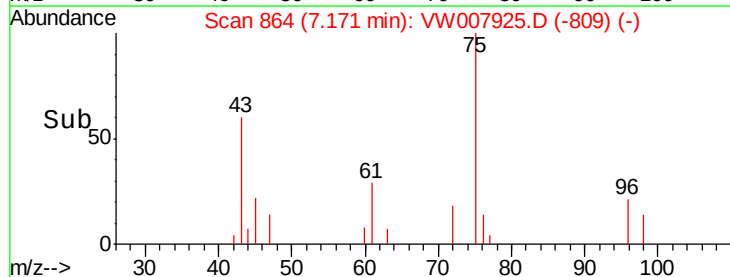
200

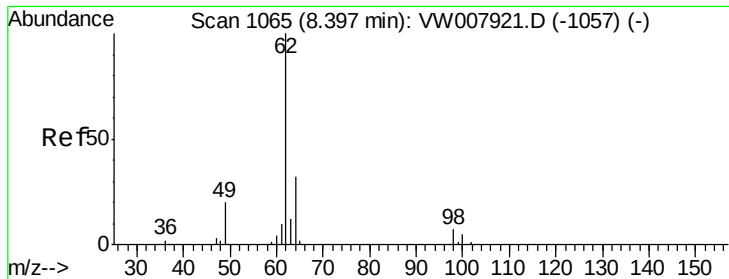
100

0

7.10 7.15 7.20

Time-->





#27

1,2-Dichloroethane

Concen: 0.490 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007925.D

Acq: 26 Dec 2018 16:14

Instrument :

MSVOA_W

ClientSampleId :

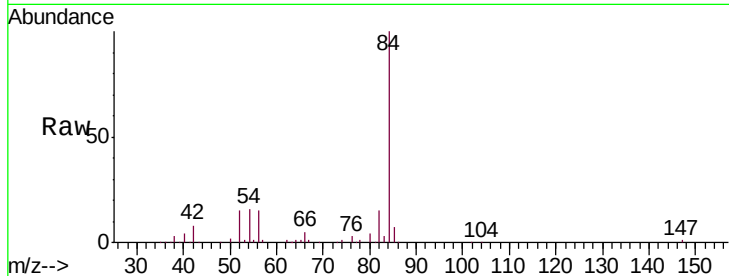
C0JG4RE

Tgt Ion: 62 Resp: 755

Ion Ratio Lower Upper

62 100

98 0.0 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

8.27

400

300

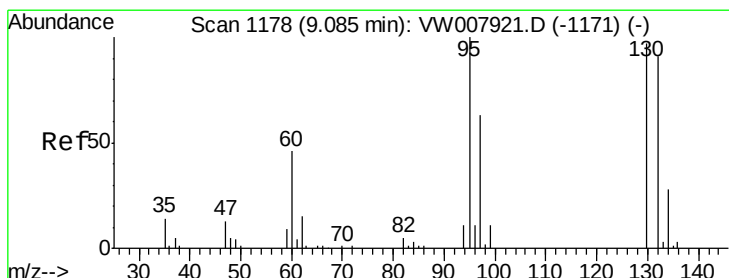
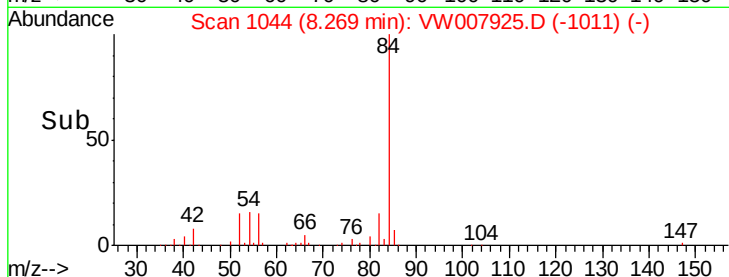
200

100

0

8.25 8.30

Time-->



#35

Trichloroethene

Concen: 2.870 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW007925.D

Acq: 26 Dec 2018 16:14

Tgt Ion: 95 Resp: 2768

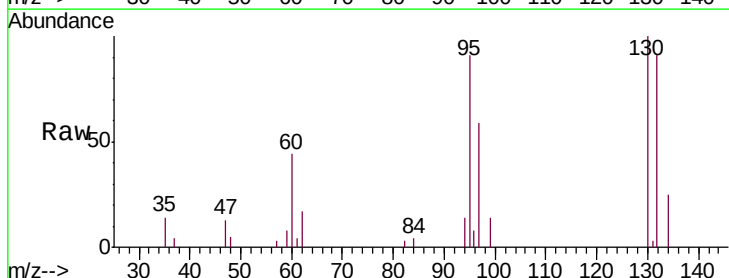
Ion Ratio Lower Upper

95 100

97 69.8 44.4 82.5

132 97.0 67.8 126.0

130 105.5 70.3 130.7



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

2000

1500

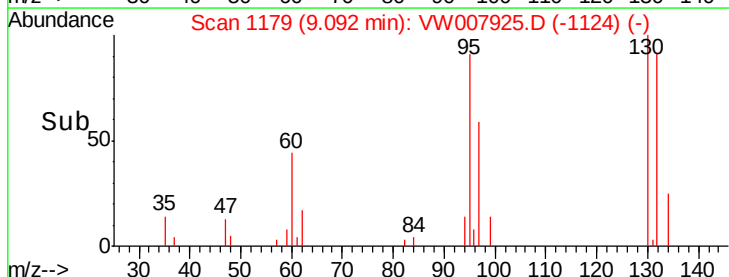
1000

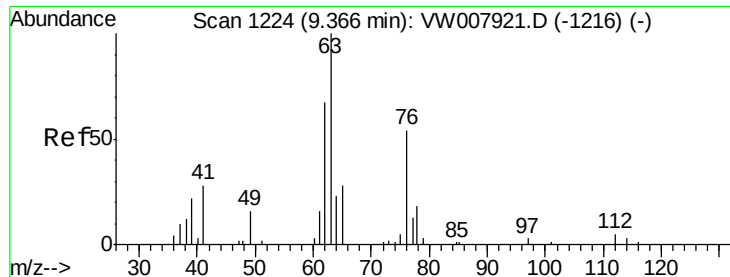
500

0

9.05 9.10 9.15

Time-->





#40

1,2-Dichloropropane

Concen: 5.116 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007925.D

Acq: 26 Dec 2018 16:14

Instrument :

MSVOA_W

ClientSampleId :

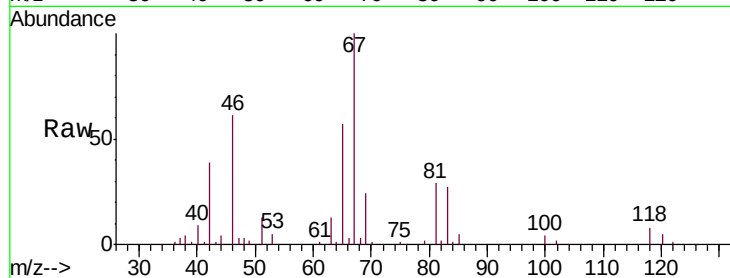
C0JG4RE

Tgt Ion: 63 Resp: 3992

Ion Ratio Lower Upper

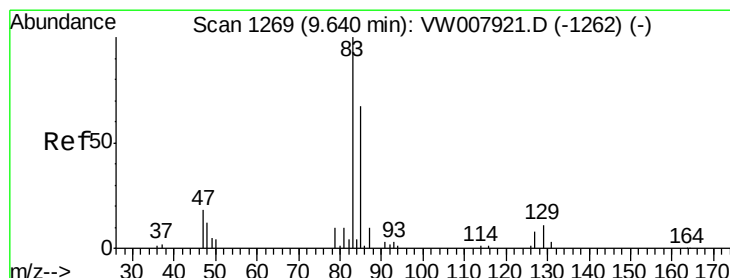
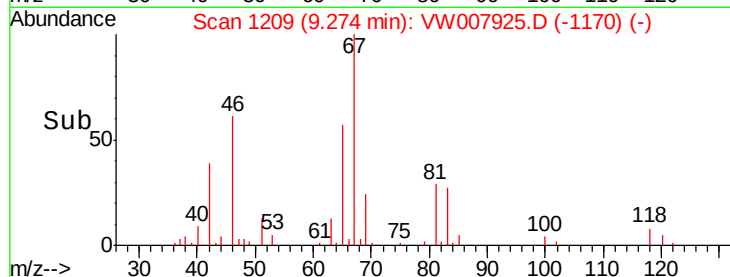
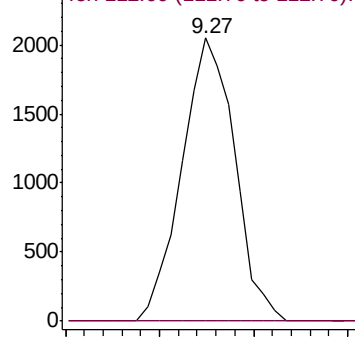
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 0.279 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.30 min

Lab File: VW007925.D

Acq: 26 Dec 2018 16:14

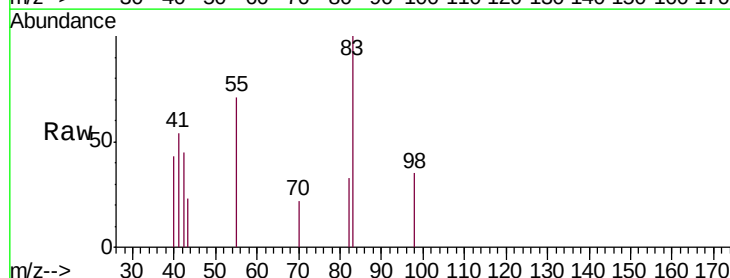
Tgt Ion: 83 Resp: 320

Ion Ratio Lower Upper

83 100

85 0.0 44.4 82.5#

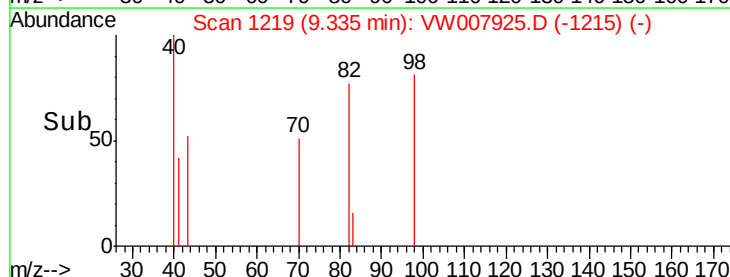
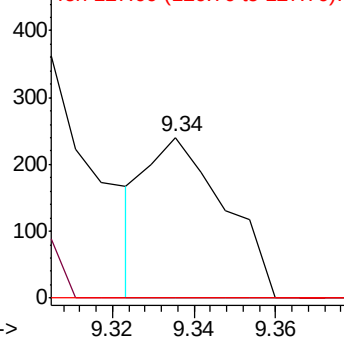
127 0.0 7.0 10.6#

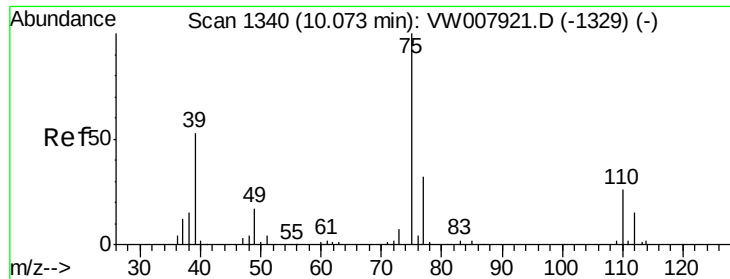


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

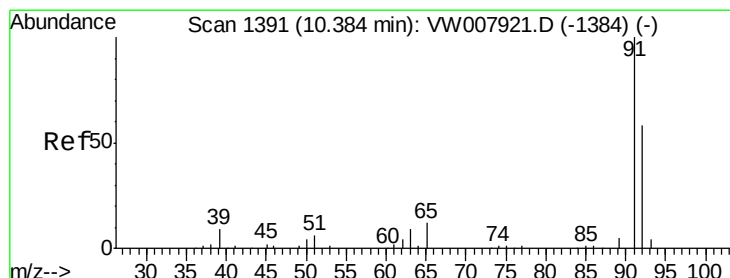
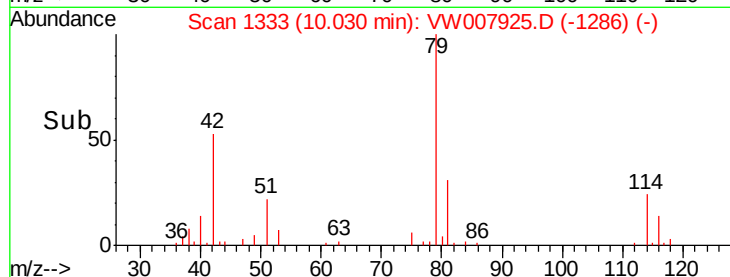
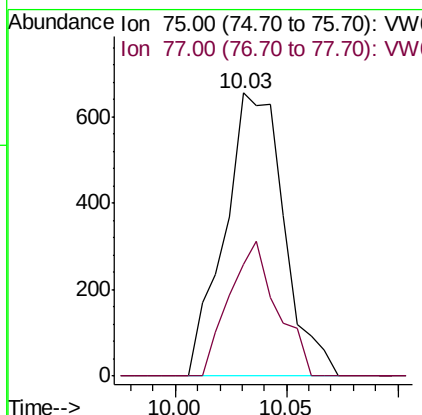
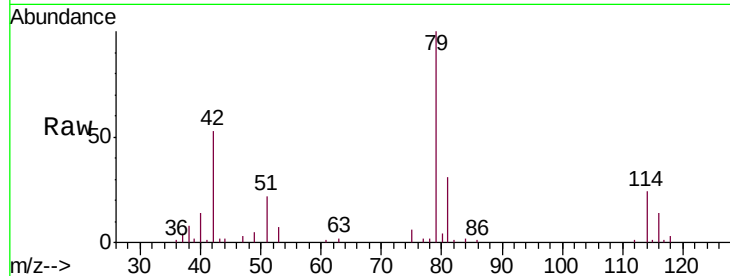




#42
 cis-1,3-Dichloropropene
 Concen: 0.894 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007925.D
 Acq: 26 Dec 2018 16:14

Instrument :
 MSVOA_W
 ClientSampleId :
 C0JG4RE

Tgt Ion: 75 Resp: 1218
 Ion Ratio Lower Upper
 75 100
 77 39.5 23.0 42.8



#44
 Toluene
 Concen: 0.282 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW007925.D
 Acq: 26 Dec 2018 16:14

Tgt Ion: 91 Resp: 1046
 Ion Ratio Lower Upper
 91 100
 92 51.3 39.6 73.6

