

Data File : VW007944.D
Acq On : 27 Dec 2018 02:26
Operator : SY/AP
Sample : J6506-04
Misc : 4.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZY2

Quant Time: Dec 27 03:09:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 03:06:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	100246	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	91498	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	42908	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23419	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.84%
7) Chloroethane-d5	2.90	69	15777	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.80%
10) 1,1-Dichloroethene-d2	4.01	63	46994	17.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.28%
20) 2-Butanone-d5	7.08	46	14867	35.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.58%
24) Chloroform-d	7.65	84	63376	23.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	8.31	65	39550	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.92%
29) Benzene-d6	8.27	84	121478	23.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.68%
33) 1,2-Dichloropropane-d6	9.27	67	33963	24.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.32%
37) Toluene-d8	10.32	98	117171	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.76%
38) trans-1,3-Dichloropropene-	10.58	79	17893	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.32%
39) 2-Hexanone-d5	10.93	63	12512	35.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28744	21.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	40047	23.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.44%

Target Compounds

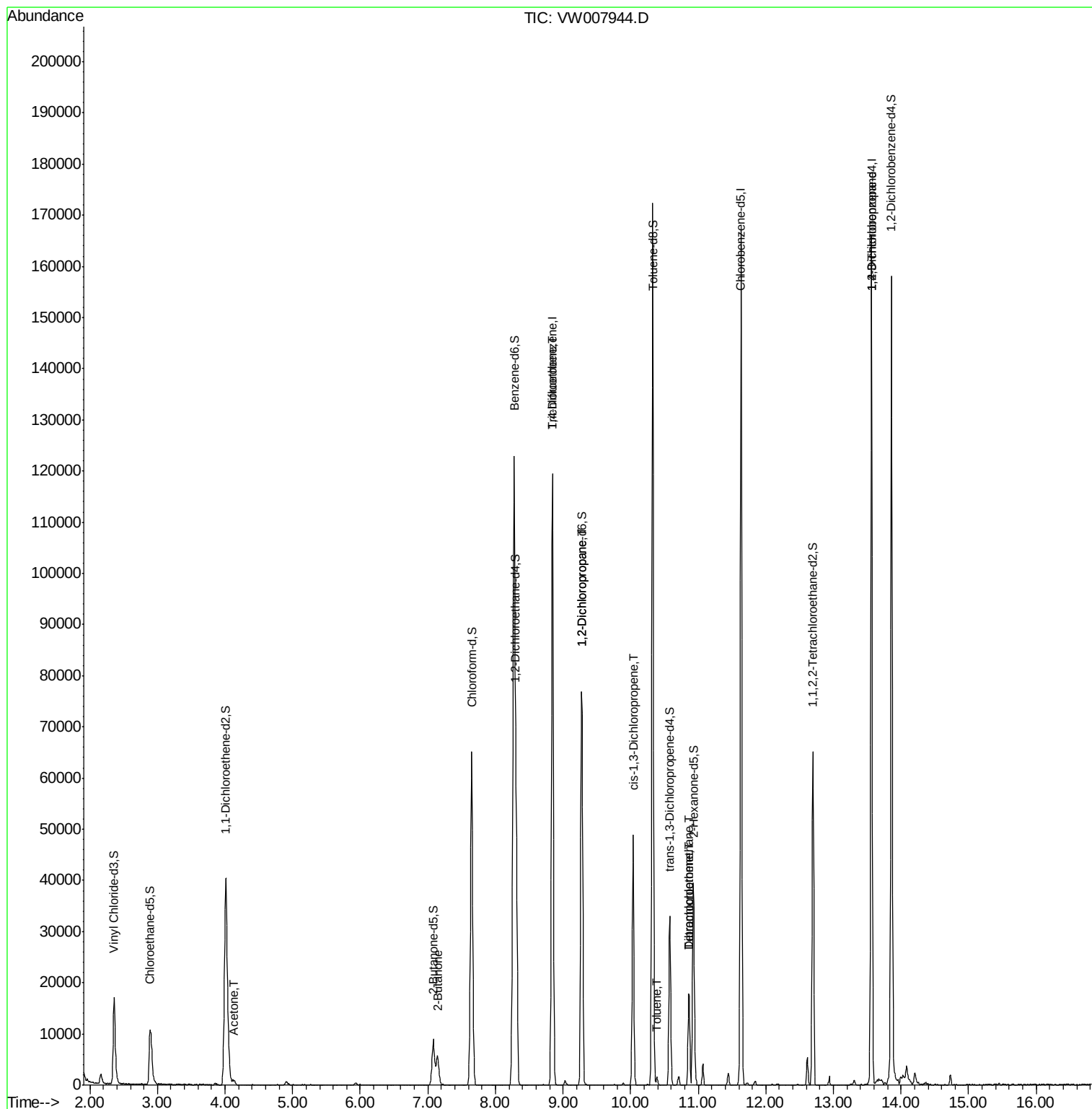
					Qvalue
13) Acetone	4.12	43	1277	3.102 ug/L	63
21) 2-Butanone	7.15	43	238	0.508 ug/L #	46
35) Trichloroethene	8.84	95	3256	2.289 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	4337	3.768 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1405	0.699 ug/L	90
44) Toluene	10.39	91	1565	0.286 ug/L	84
47) Tetrachloroethene	10.87	164	3973	3.515 ug/L	93
50) Dibromochloromethane	10.87	129	3815	3.075 ug/L #	9
59) 1,2,3-Trichloropropane	13.57	75	4440	4.572 ug/L #	77

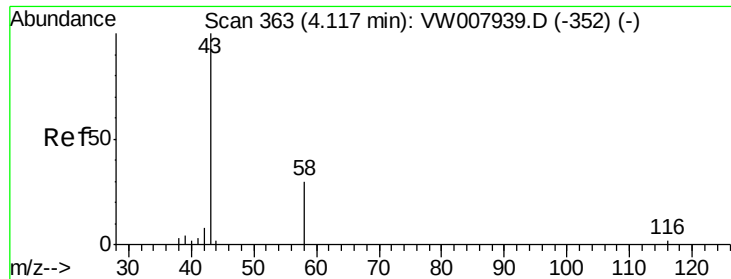
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.102 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

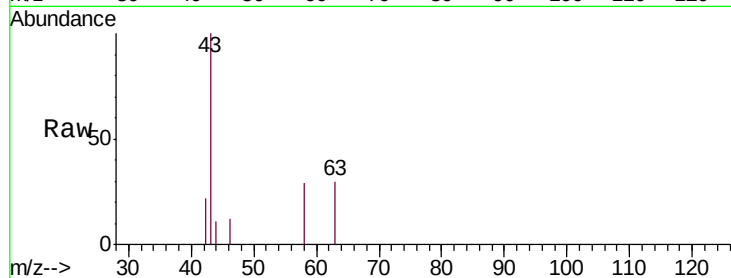
BEZY2

Tgt Ion: 43 Resp: 1277

Ion Ratio Lower Upper

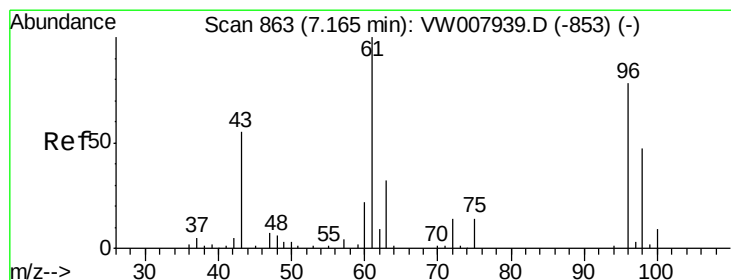
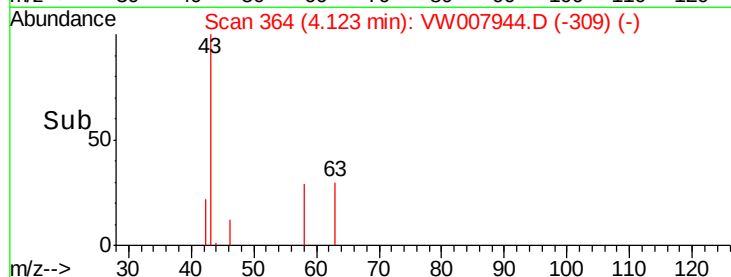
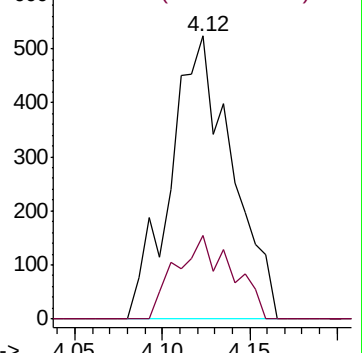
43 100

58 9.2 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 0.508 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

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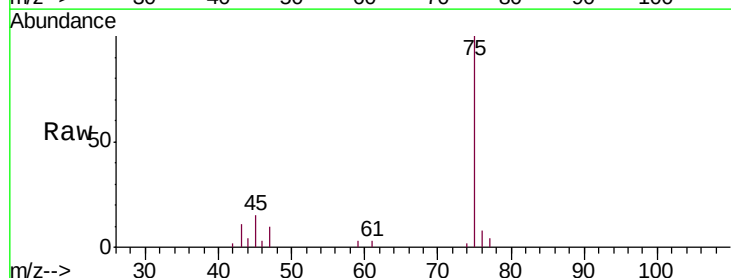
Acq: 27 Dec 2018 02:26

Tgt Ion: 43 Resp: 238

Ion Ratio Lower Upper

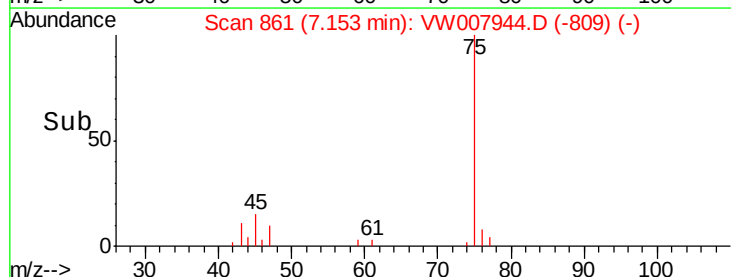
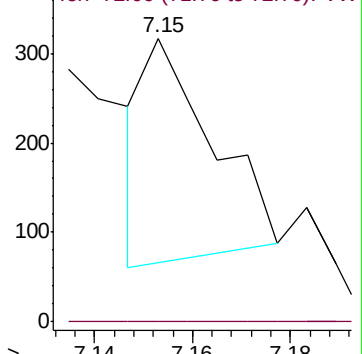
43 100

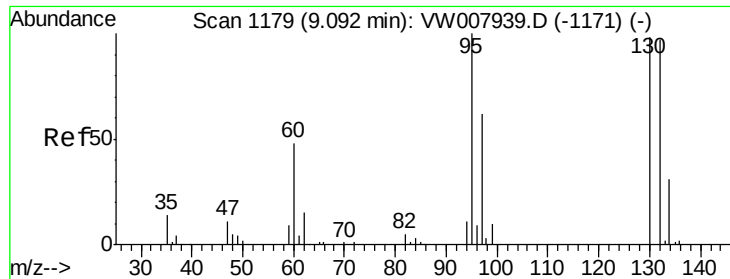
72 0.0 14.4 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.289 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007944.D

Acq: 27 Dec 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

BEZY2

Tgt Ion: 95 Resp: 3256

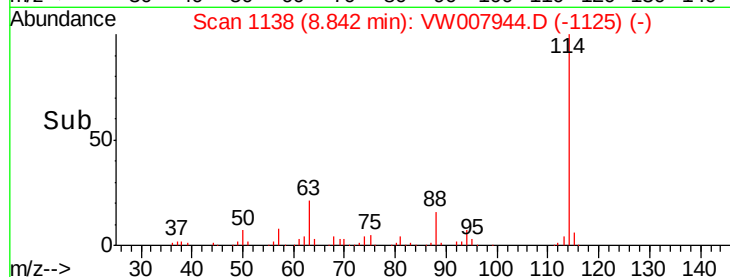
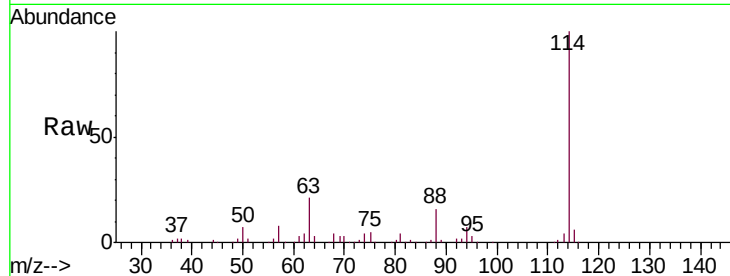
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

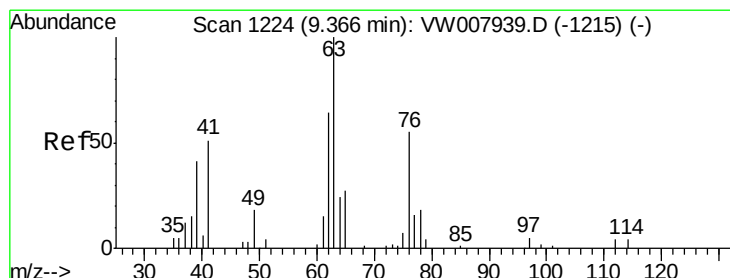
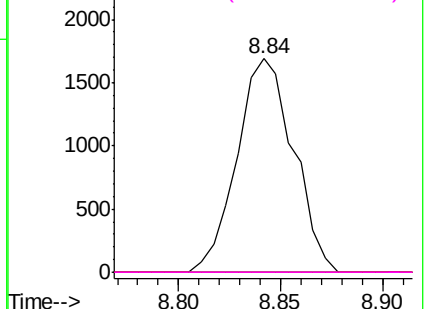


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.768 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007944.D

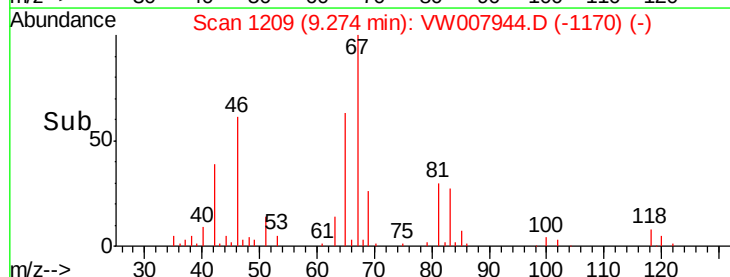
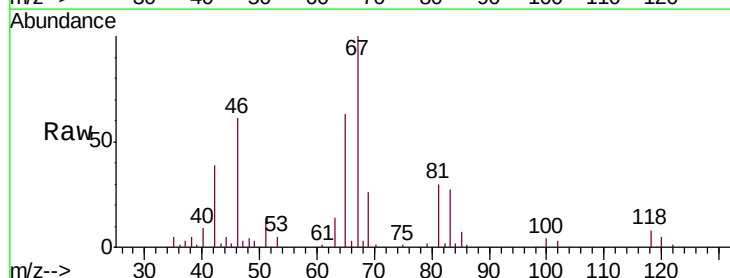
Acq: 27 Dec 2018 02:26

Tgt Ion: 63 Resp: 4337

Ion Ratio Lower Upper

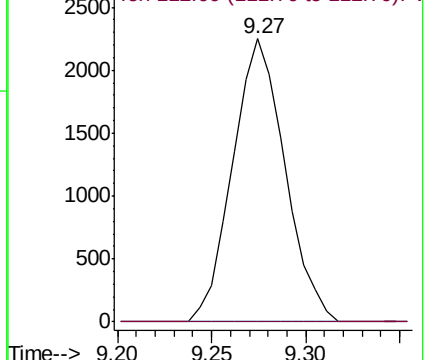
63 100

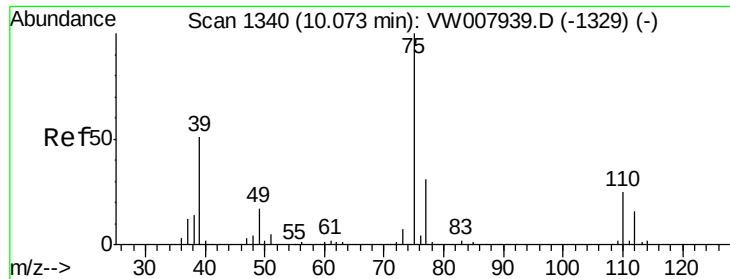
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

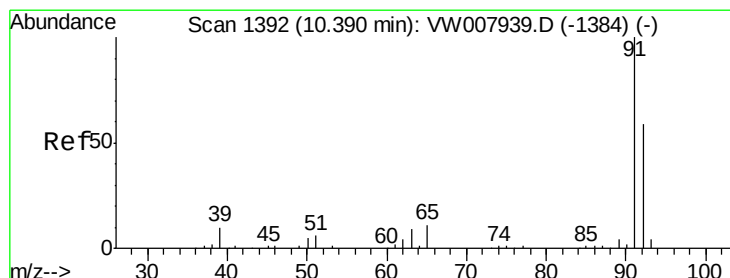
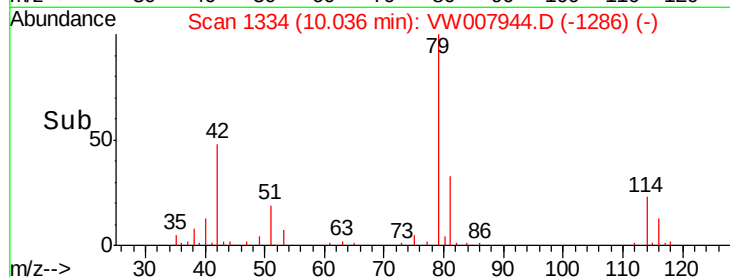
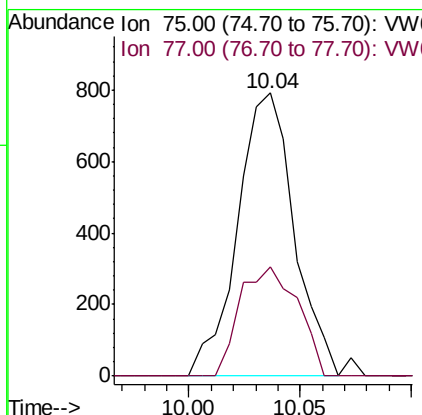
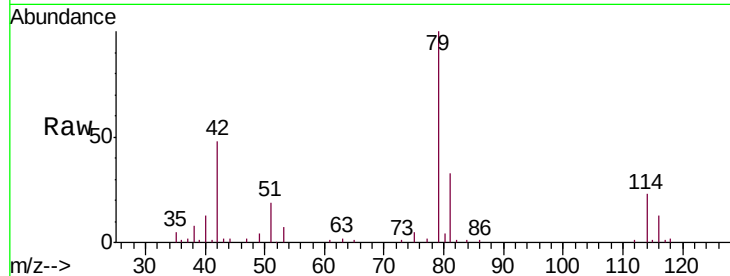




#42
 cis-1,3-Dichloropropene
 Concen: 0.699 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007944.D
 Acq: 27 Dec 2018 02:26

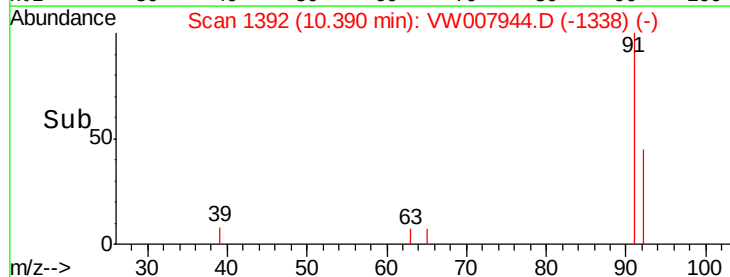
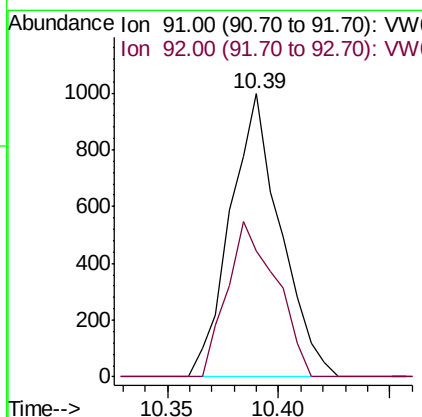
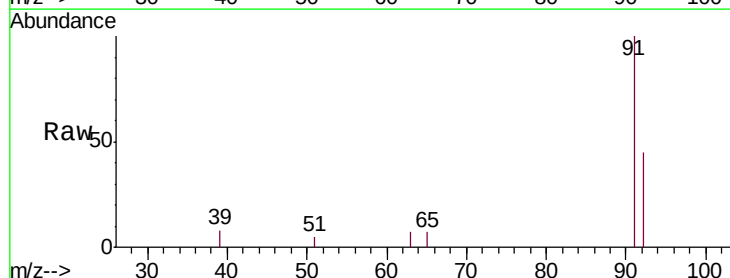
Instrument :
 MSVOA_W
 ClientSampleId :
 BEZY2

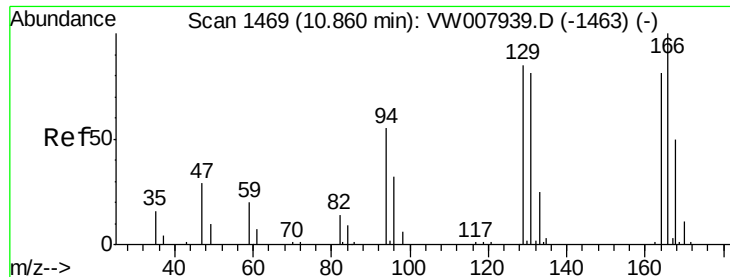
Tgt Ion: 75 Resp: 1405
 Ion Ratio Lower Upper
 75 100
 77 38.8 23.0 42.8



#44
 Toluene
 Concen: 0.286 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007944.D
 Acq: 27 Dec 2018 02:26

Tgt Ion: 91 Resp: 1565
 Ion Ratio Lower Upper
 91 100
 92 44.6 39.6 73.6





#47

Tetrachloroethene

Concen: 3.515 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW007944.D

Acq: 27 Dec 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

BEZY2

Tgt Ion:164 Resp: 3973

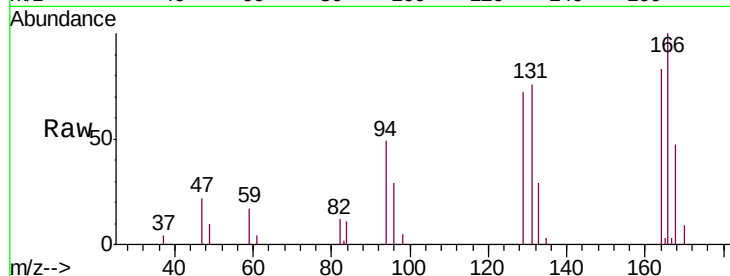
Ion Ratio Lower Upper

164 100

129 86.9 70.6 131.2

131 91.3 66.5 123.5

166 120.8 87.7 162.9

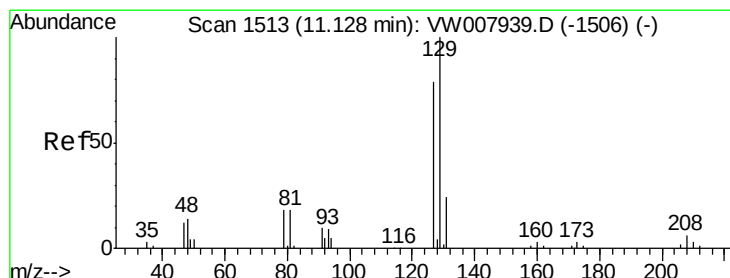
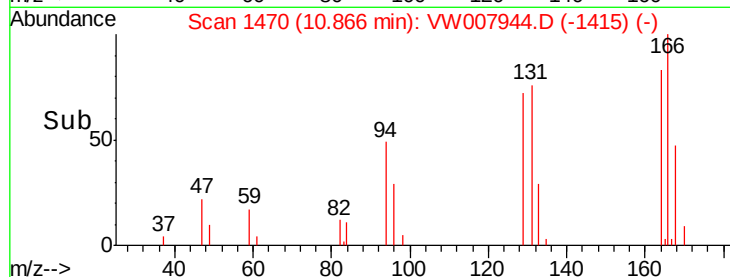
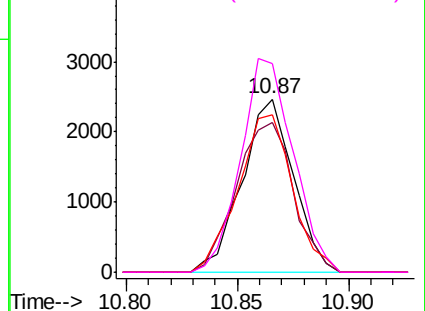


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 3.075 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW007944.D

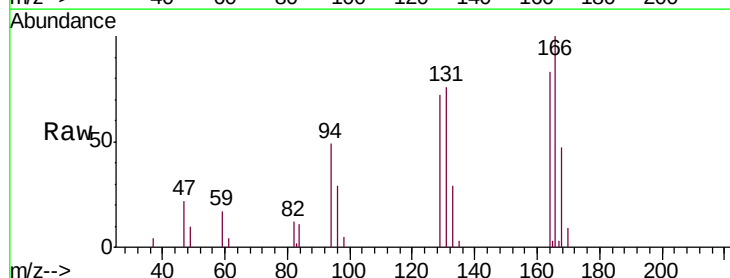
Acq: 27 Dec 2018 02:26

Tgt Ion:129 Resp: 3815

Ion Ratio Lower Upper

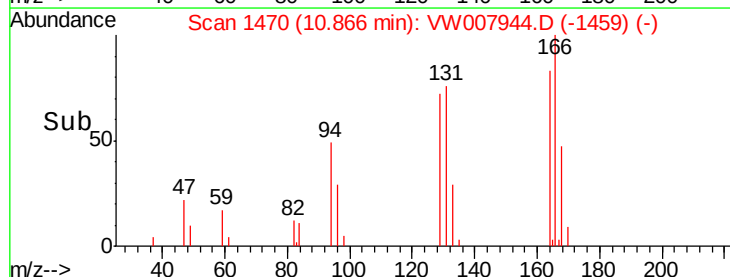
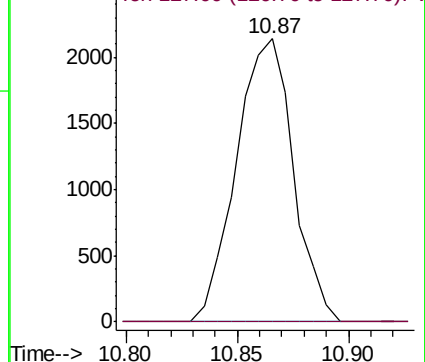
129 100

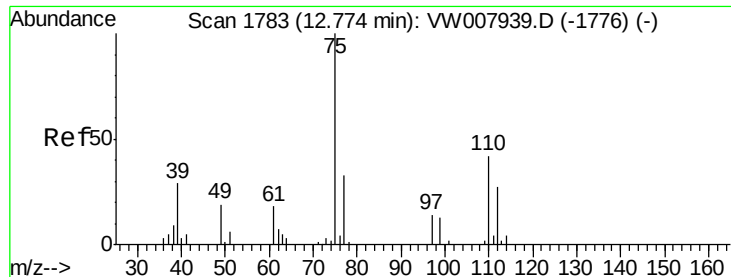
127 0.0 55.8 103.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.572 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

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Instrument :

MSVOA_W

ClientSampleId :

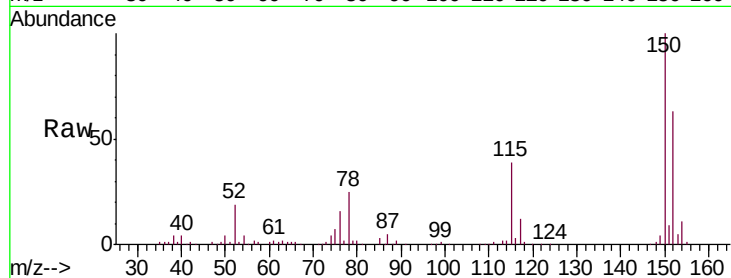
BEZY2

Tgt Ion: 75 Resp: 4440

Ion Ratio Lower Upper

75 100

77 44.6 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

