

Data File : VW007962.D
Acq On : 27 Dec 2018 11:21
Operator : SY/AP
Sample : J6507-08
Misc : 4.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF063

Quant Time: Dec 28 04:04:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 04:01:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	101733	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	94158	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44804	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21315	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
7) Chloroethane-d5	2.90	69	14616	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
10) 1,1-Dichloroethene-d2	4.01	63	44450	16.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.52%
20) 2-Butanone-d5	7.08	46	18061	42.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.48%
24) Chloroform-d	7.65	84	59603	22.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	8.30	65	37935	23.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.52%
29) Benzene-d6	8.27	84	113206	21.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.76%
33) 1,2-Dichloropropane-d6	9.27	67	30982	21.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.28%
37) Toluene-d8	10.32	98	109098	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.84%
38) trans-1,3-Dichloropropene-	10.58	79	17309	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.96%
39) 2-Hexanone-d5	10.93	63	14540	39.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29429	21.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	39395	21.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.08%

Target Compounds

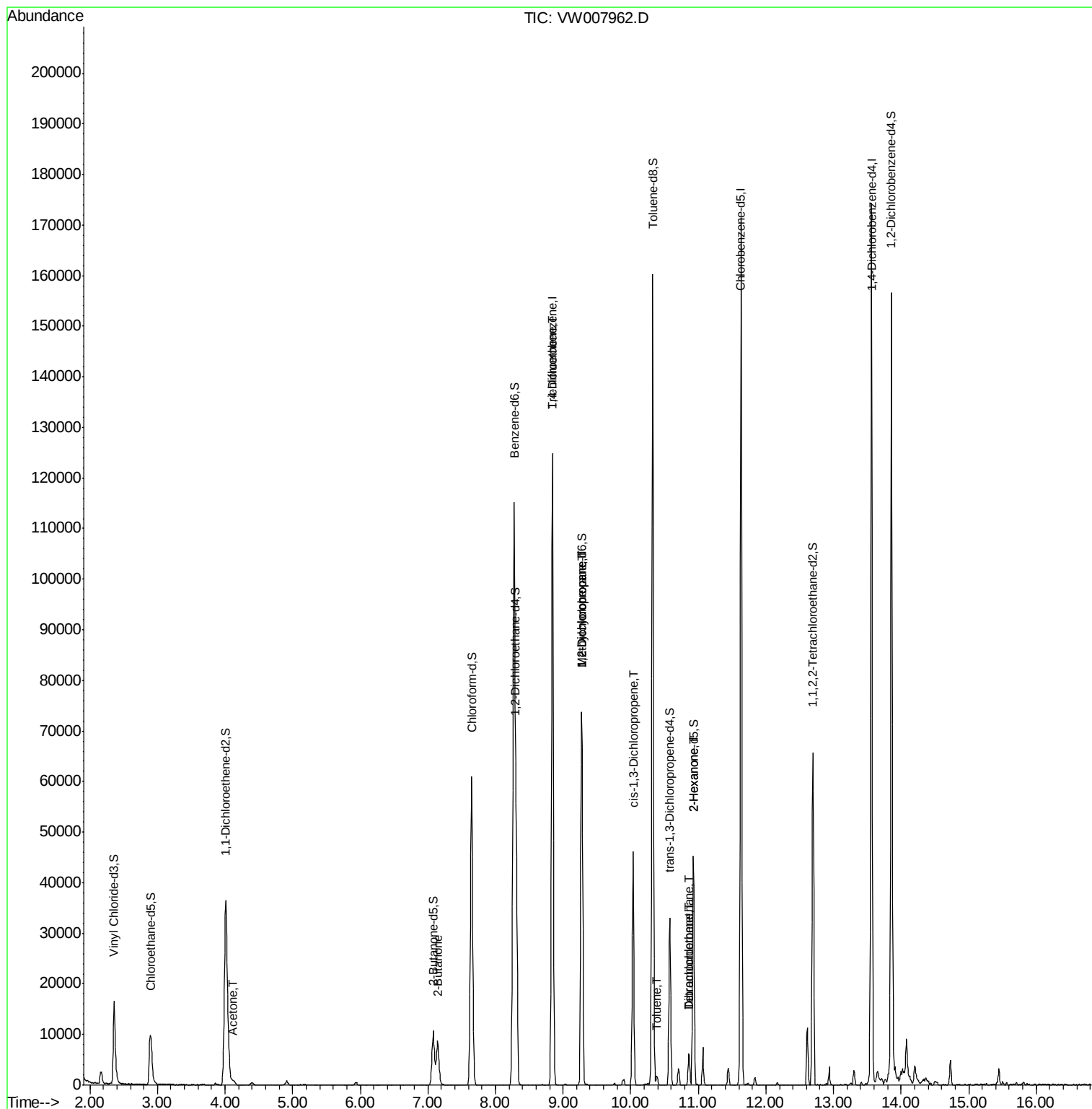
					Qvalue
13) Acetone	4.12	43	929	2.224 ug/L	62
21) 2-Butanone	7.15	43	358	0.753 ug/L #	46
35) Trichloroethene	8.84	95	3466	2.368 ug/L #	5
36) Methylcyclohexane	9.27	83	8574	3.416 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	4237	3.577 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1200	0.580 ug/L #	40
44) Toluene	10.39	91	1838	0.326 ug/L	94
47) Tetrachloroethene	10.86	164	1430	1.229 ug/L	93
49) 2-Hexanone	10.93	43	1876	2.774 ug/L #	66
50) Dibromochloromethane	10.86	129	1420	1.112 ug/L #	9

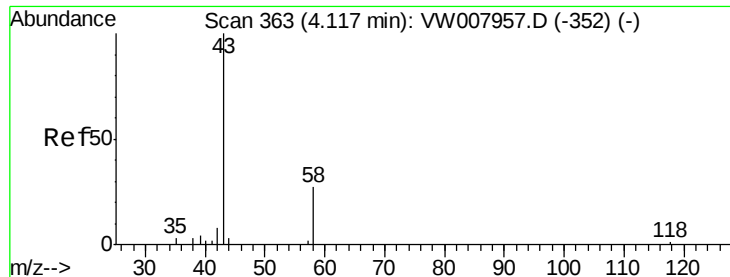
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.224 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007962.D

Acq: 27 Dec 2018 11:21

Instrument :

MSVOA_W

ClientSampled :

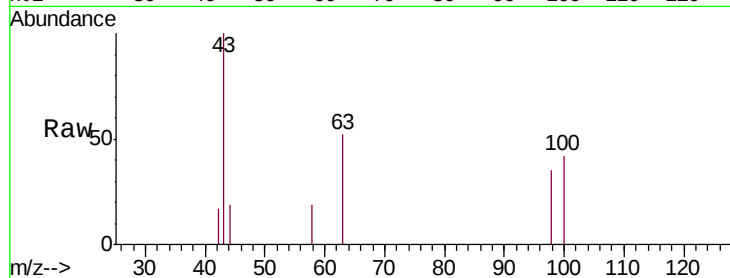
BF063

Tgt Ion: 43 Resp: 929

Ion Ratio Lower Upper

43 100

58 8.9 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

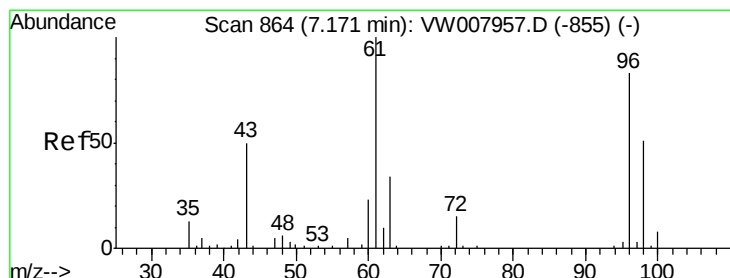
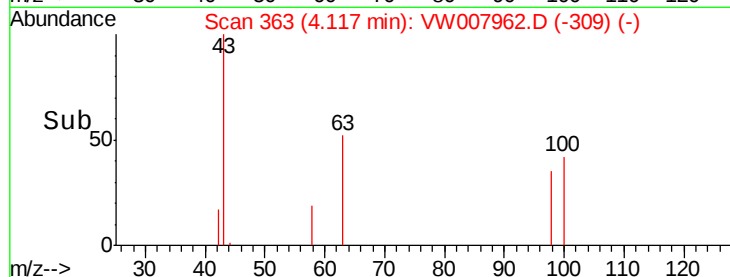
300

200

100

0

Time--> 4.05 4.10 4.15



#21

2-Butanone

Concen: 0.753 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007962.D

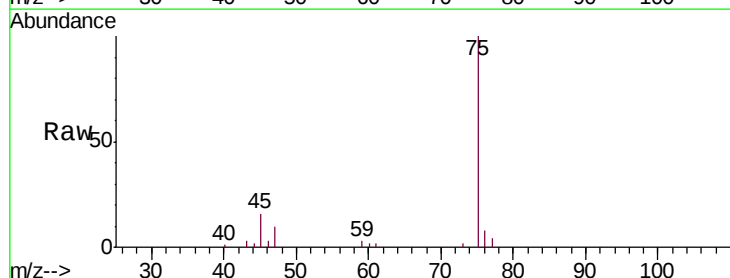
Acq: 27 Dec 2018 11:21

Tgt Ion: 43 Resp: 358

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

250

200

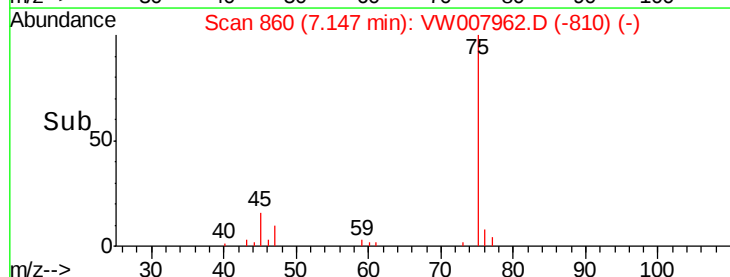
150

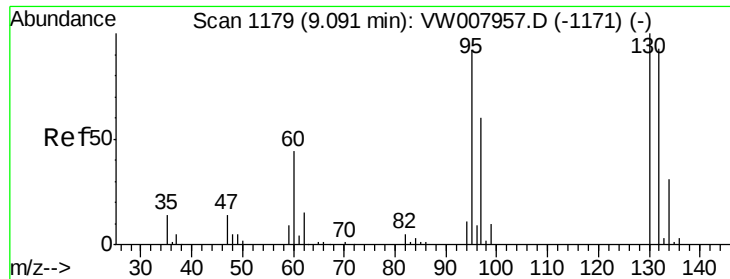
100

50

0

Time--> 7.12 7.14 7.16 7.18 7.20





#35

Trichloroethene

Concen: 2.368 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007962.D

Acq: 27 Dec 2018 11:21

Instrument :

MSVOA_W

ClientSampled :

BF063

Tgt Ion: 95 Resp: 3466

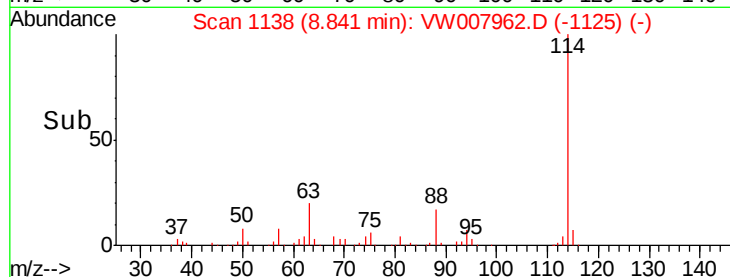
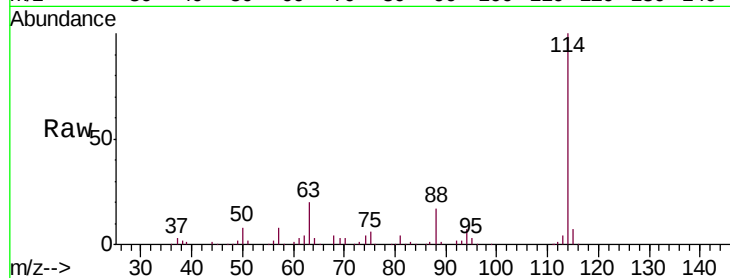
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

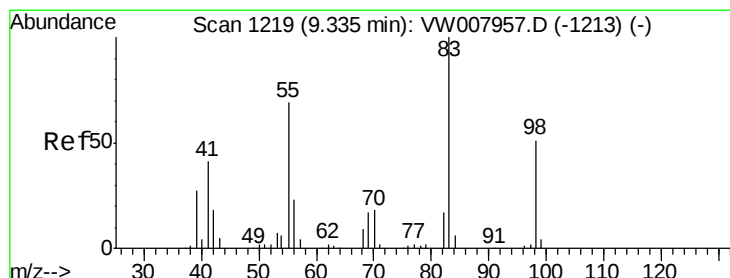
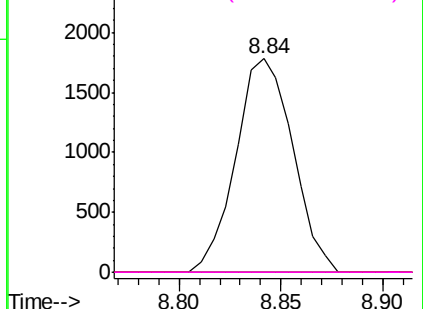


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.416 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007962.D

Acq: 27 Dec 2018 11:21

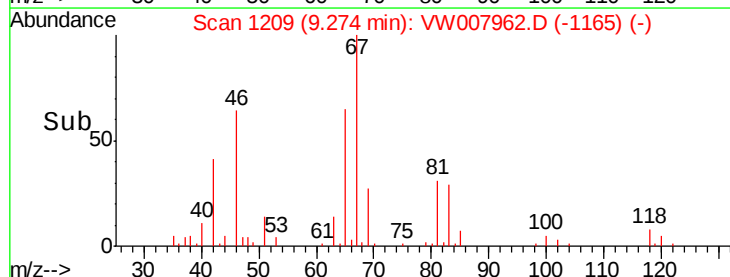
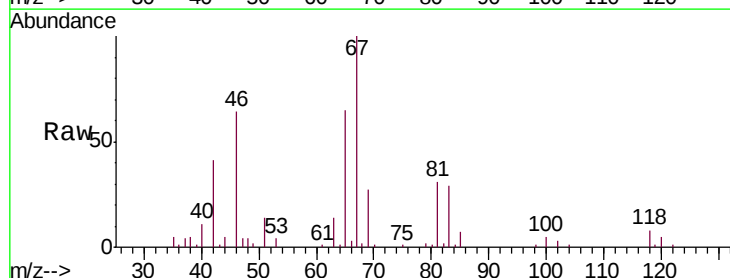
Tgt Ion: 83 Resp: 8574

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

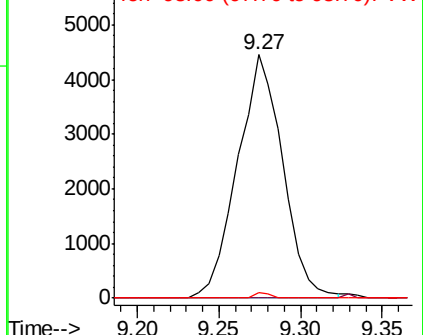
98 0.7 38.2 57.2#

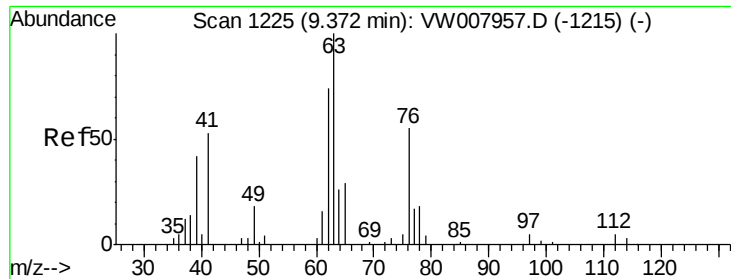


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

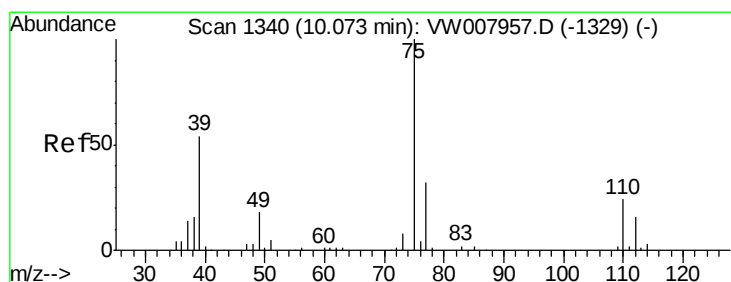
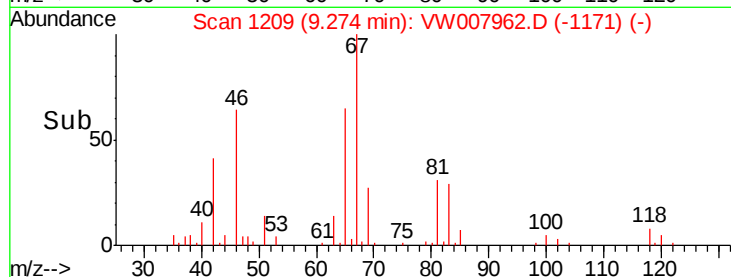
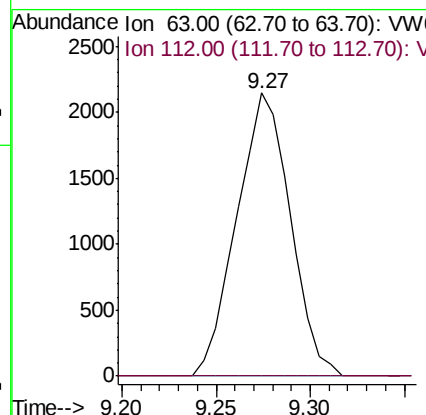
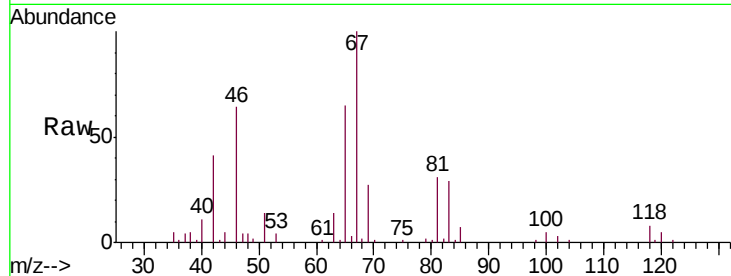




#40
 1,2-Dichloropropane
 Concen: 3.577 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW007962.D
 Acq: 27 Dec 2018 11:21

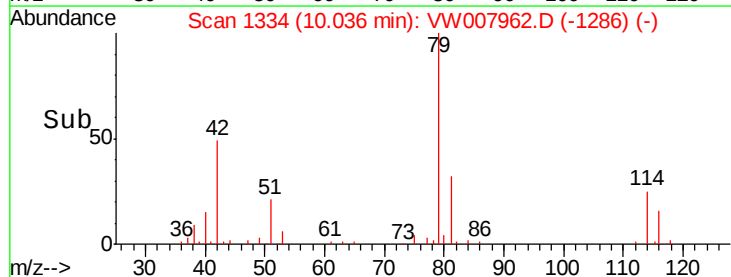
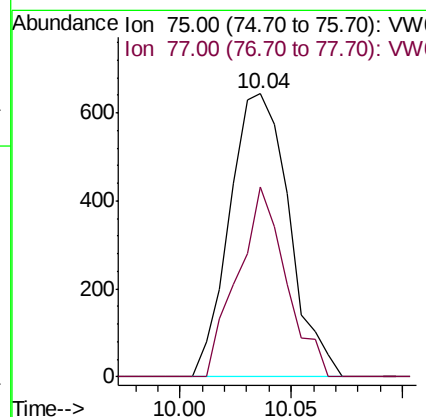
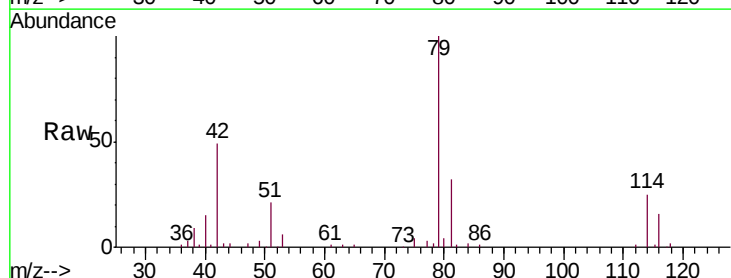
Instrument :
 MSVOA_W
 ClientSampleId :
 BF063

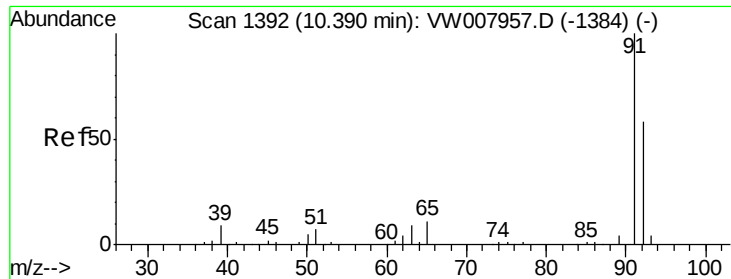
Tgt Ion: 63 Resp: 4237
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.580 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007962.D
 Acq: 27 Dec 2018 11:21

Tgt Ion: 75 Resp: 1200
 Ion Ratio Lower Upper
 75 100
 77 67.0 23.0 42.8#





#44

Toluene

Concen: 0.326 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007962.D

Acq: 27 Dec 2018 11:21

Instrument :

MSVOA_W

ClientSampled :

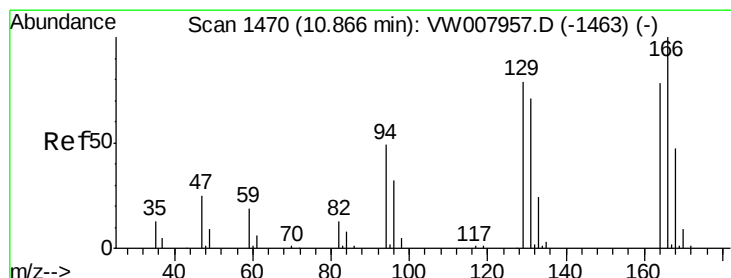
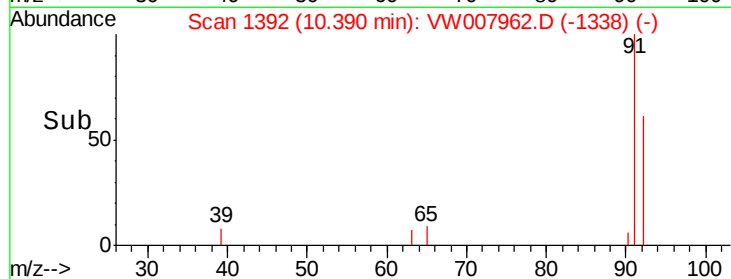
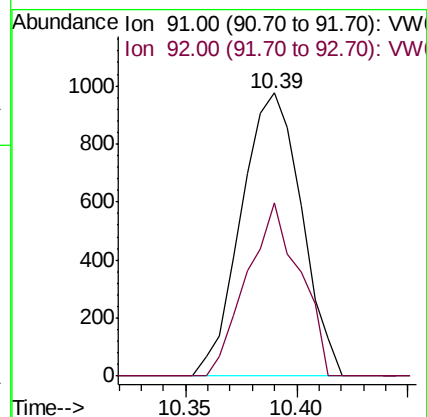
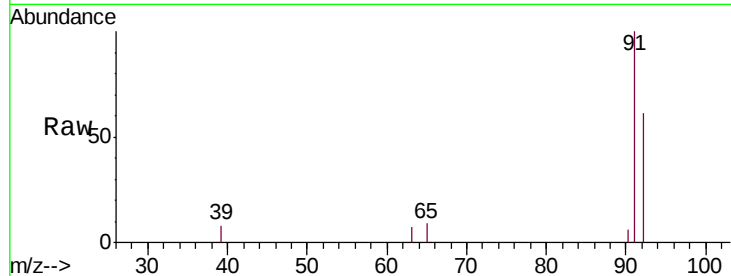
BF063

Tgt Ion: 91 Resp: 1838

Ion Ratio Lower Upper

91 100

92 61.1 39.6 73.6



#47

Tetrachloroethene

Concen: 1.229 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW007962.D

Acq: 27 Dec 2018 11:21

Tgt Ion: 164 Resp: 1430

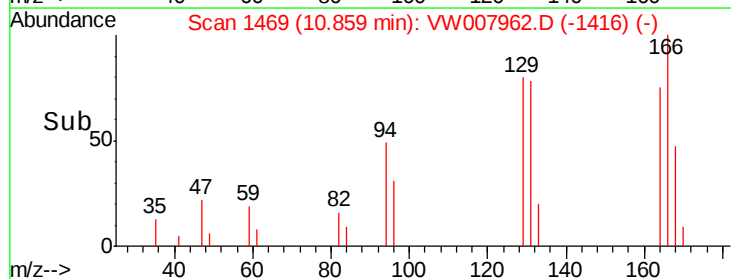
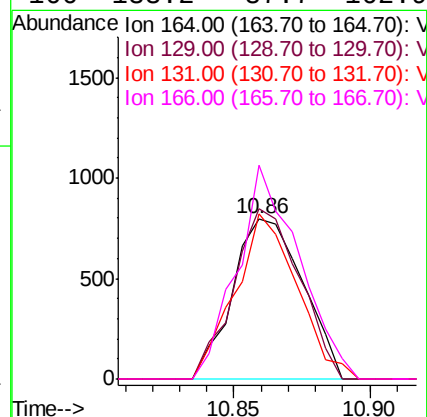
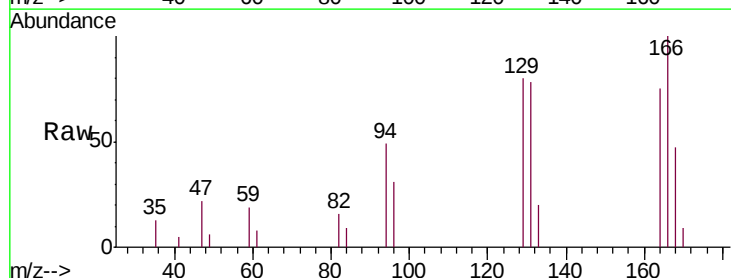
Ion Ratio Lower Upper

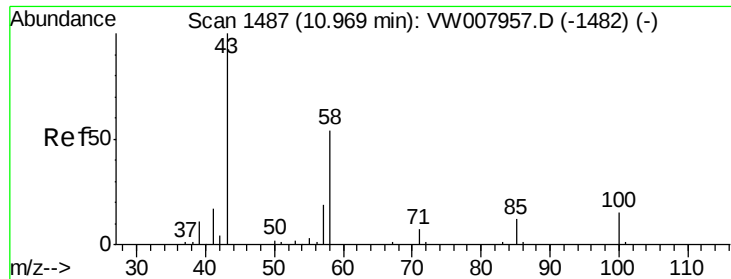
164 100

129 106.1 70.6 131.2

131 103.4 66.5 123.5

166 133.2 87.7 162.9

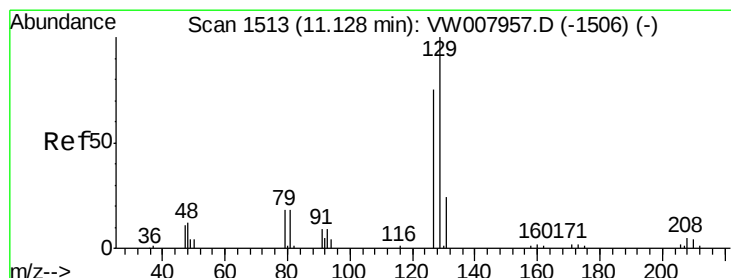
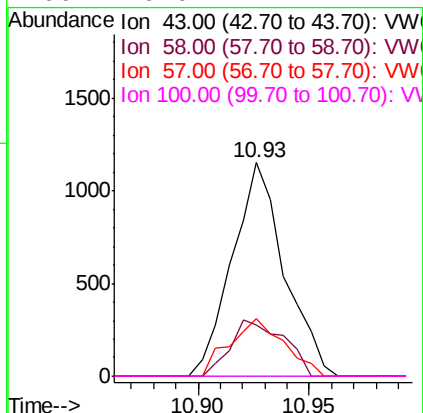
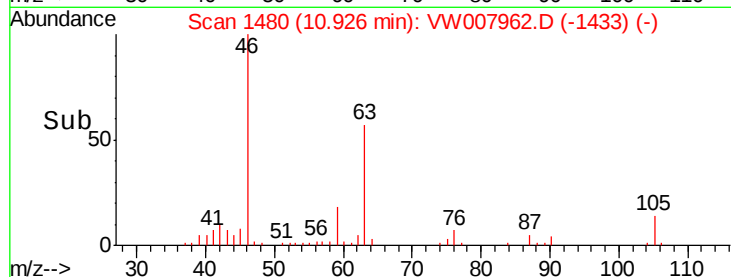
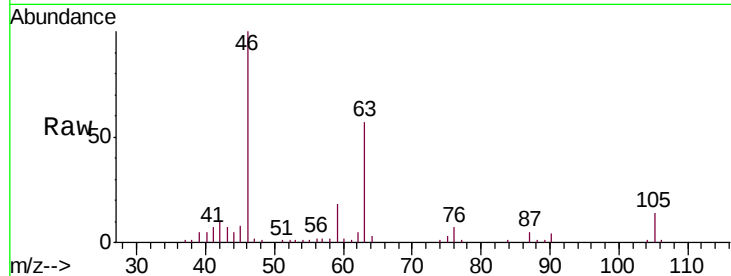




#49
2-Hexanone
Concen: 2.774 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW007962.D
Acq: 27 Dec 2018 11:21

Instrument :
MSVOA_W
ClientSampled :
BF063

Tgt Ion: 43 Resp: 1876
Ion Ratio Lower Upper
43 100
58 26.8 46.2 69.4#
57 28.4 17.9 26.9#
100 0.0 11.4 17.2#



#50
Dibromochloromethane
Concen: 1.112 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW007962.D
Acq: 27 Dec 2018 11:21

Tgt Ion: 129 Resp: 1420
Ion Ratio Lower Upper
129 100
127 0.0 55.8 103.6#

