

Data File : VW007963.D
Acq On : 27 Dec 2018 11:47
Operator : SY/AP
Sample : J6507-10
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF064

Quant Time: Dec 28 04:04:52 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	81250	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	73520	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	30558	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	18160	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.72%
7) Chloroethane-d5	2.90	69	12624	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
10) 1,1-Dichloroethene-d2	4.01	63	36107	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	7.08	46	15607	45.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.40%
24) Chloroform-d	7.65	84	49793	23.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	8.31	65	32867	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	8.27	84	93986	22.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.16%
33) 1,2-Dichloropropane-d6	9.27	67	26455	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.36%
37) Toluene-d8	10.32	98	87759	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.40%
38) trans-1,3-Dichloropropene-	10.58	79	14758	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.68%
39) 2-Hexanone-d5	10.93	63	12437	43.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25270	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	27105	21.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.84%

Target Compounds

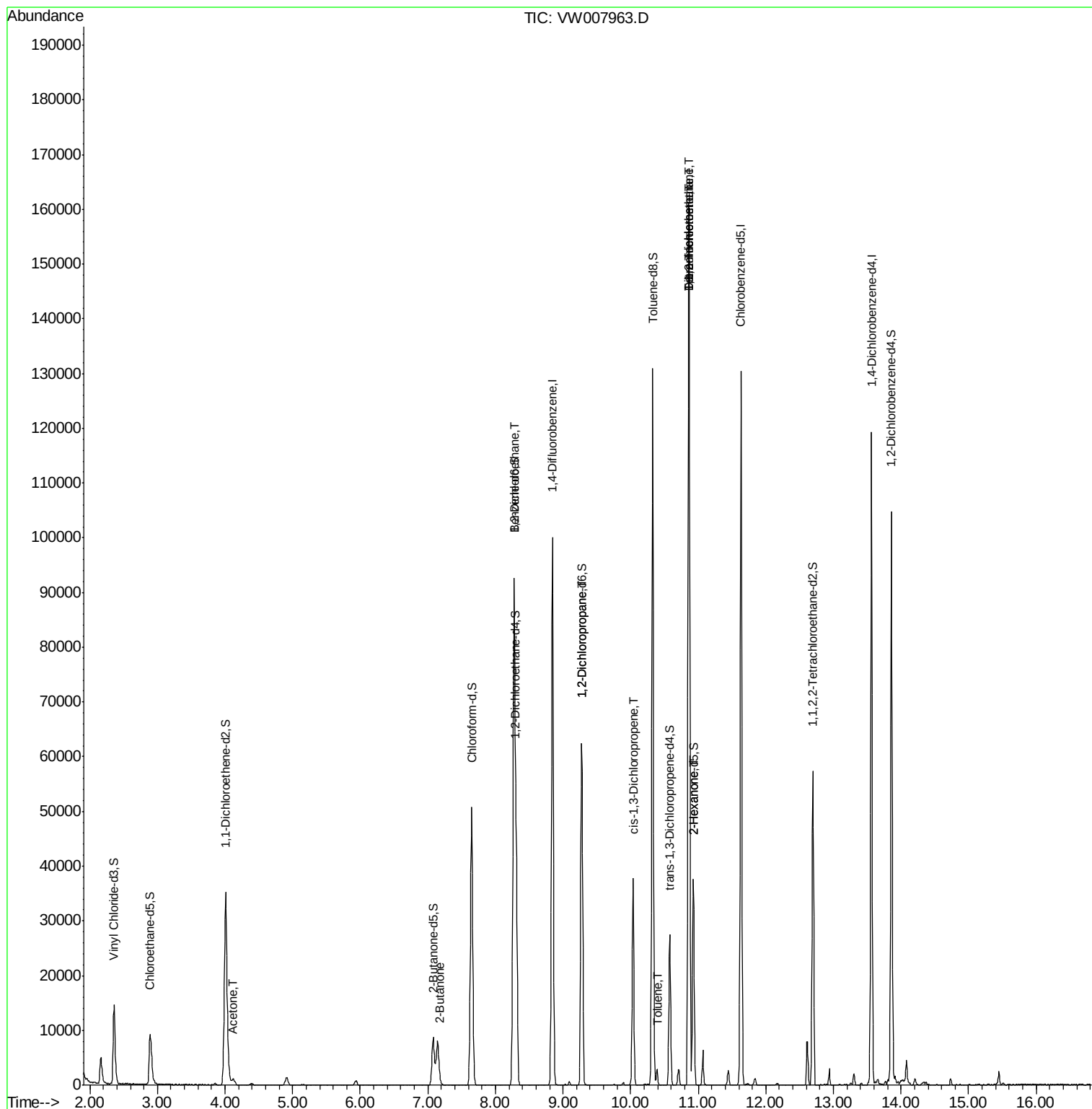
						Qvalue
13) Acetone	4.12	43	1091	3.270	ug/L	74
21) 2-Butanone	7.18	43	225	0.593	ug/L #	46
27) 1,2-Dichloroethane	8.27	62	611	0.436	ug/L #	80
40) 1,2-Dichloropropane	9.27	63	3467	3.749	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1016	0.629	ug/L #	69
44) Toluene	10.39	91	2456	0.558	ug/L	82
46) 1,1,2-Trichloroethane	10.86	97	316	0.404	ug/L #	26
47) Tetrachloroethene	10.87	164	35296	38.866	ug/L	98
49) 2-Hexanone	10.92	43	1630	3.087	ug/L #	65
50) Dibromochloromethane	10.87	129	35772	35.888	ug/L #	9

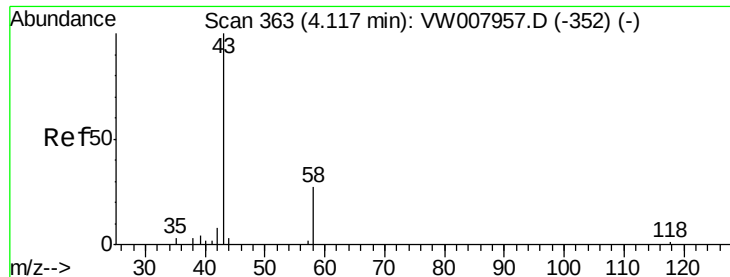
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.270 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007963.D

Acq: 27 Dec 2018 11:47

Instrument :

MSVOA_W

ClientSampled :

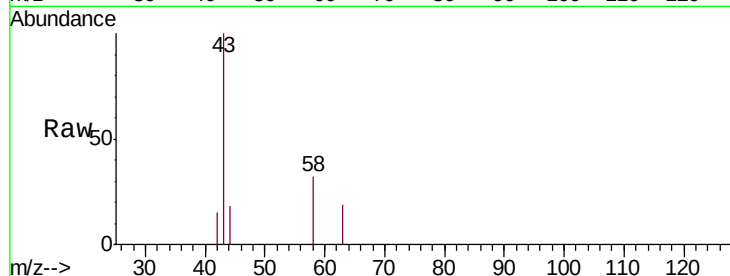
BF064

Tgt Ion: 43 Resp: 1091

Ion Ratio Lower Upper

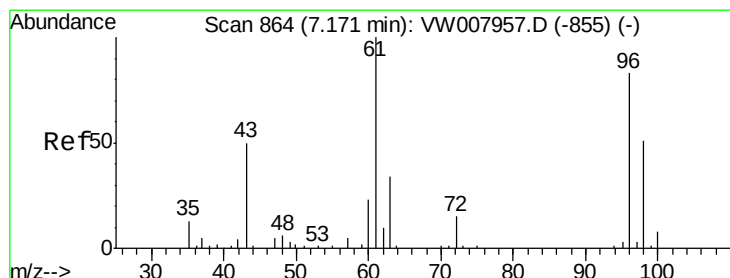
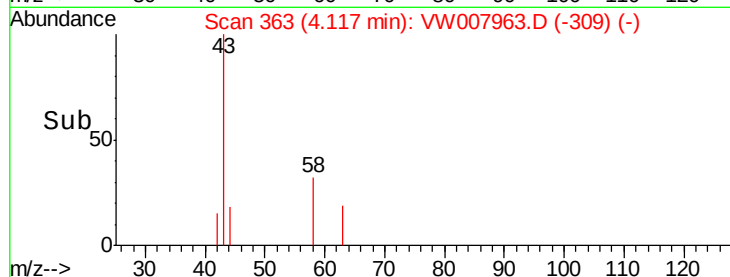
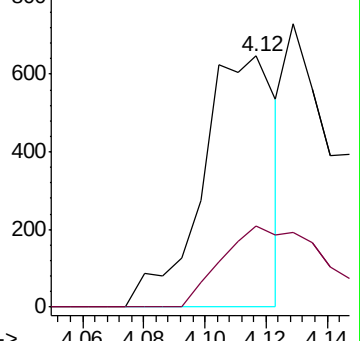
43 100

58 43.0 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: 0.593 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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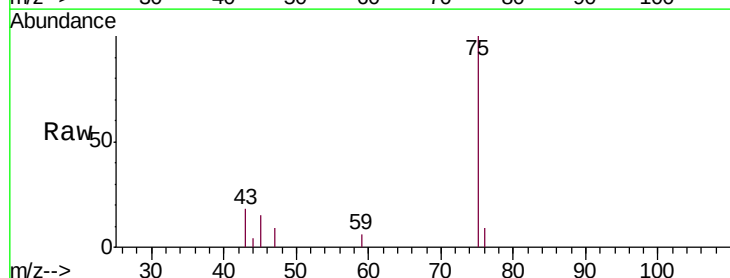
Acq: 27 Dec 2018 11:47

Tgt Ion: 43 Resp: 225

Ion Ratio Lower Upper

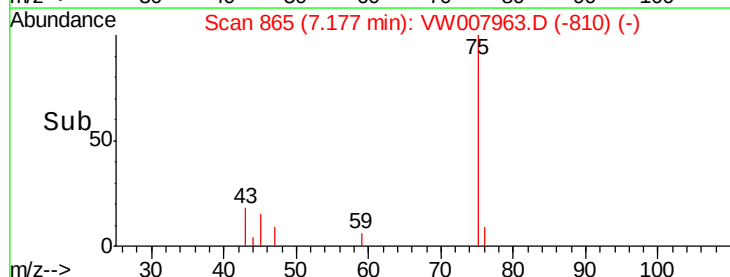
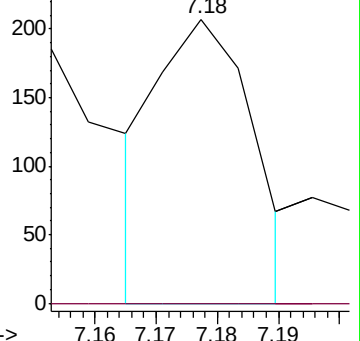
43 100

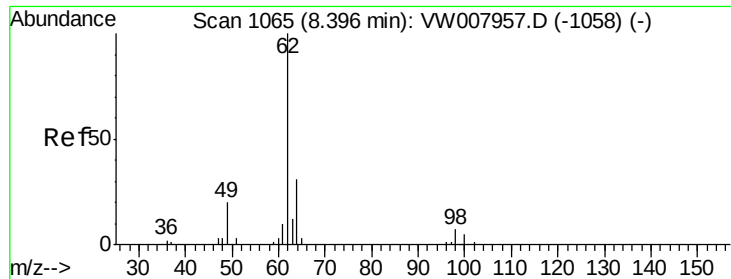
72 0.0 14.4 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#27

1,2-Dichloroethane

Concen: 0.436 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW007963.D

Acq: 27 Dec 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

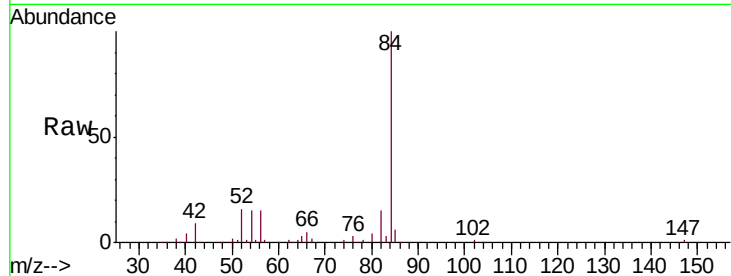
BF064

Tgt Ion: 62 Resp: 611

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

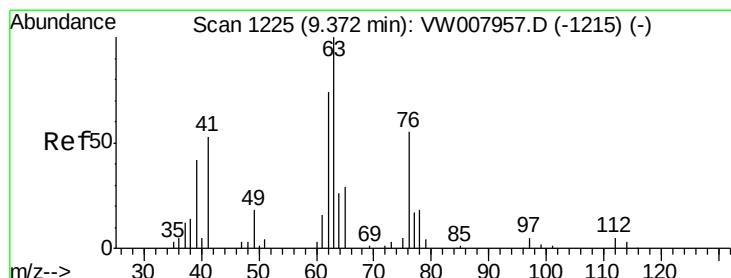
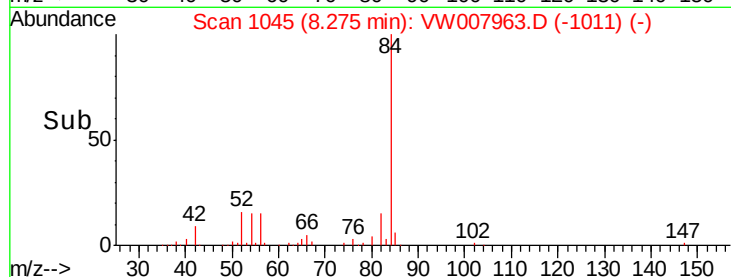
300

200

100

0

Time-->



#40

1,2-Dichloropropane

Concen: 3.749 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007963.D

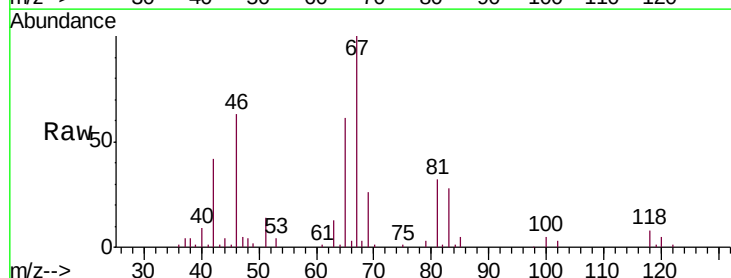
Acq: 27 Dec 2018 11:47

Tgt Ion: 63 Resp: 3467

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

9.27

2000

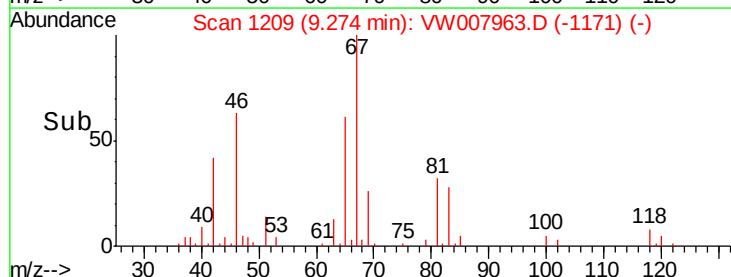
1500

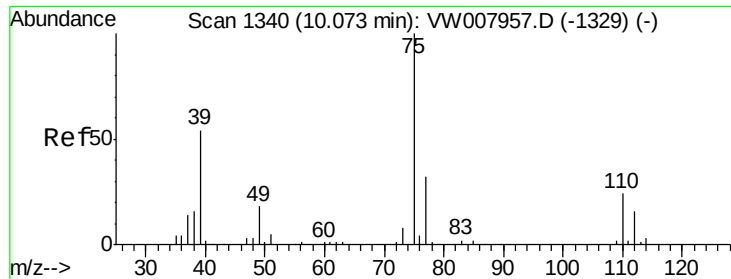
1000

500

0

Time-->

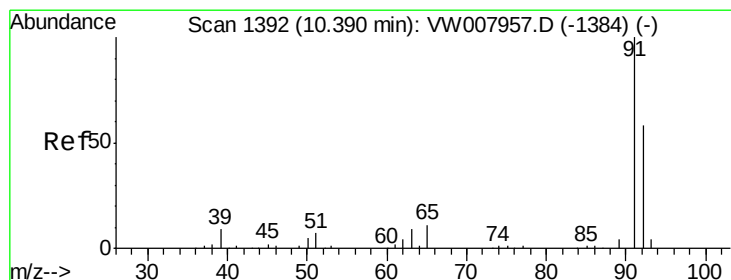
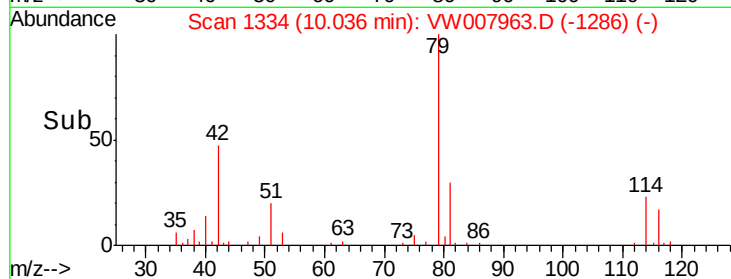
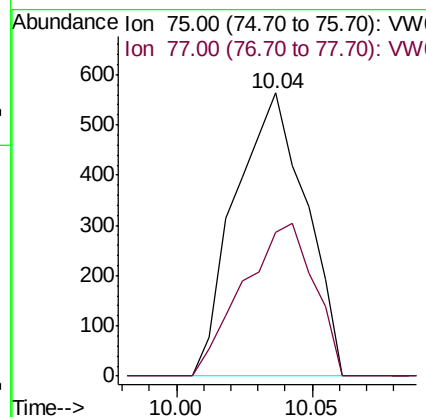
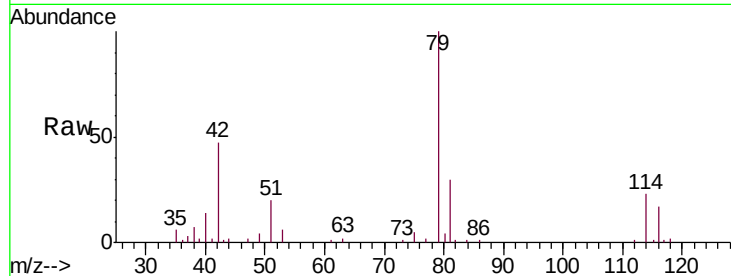




#42
 cis-1,3-Dichloropropene
 Concen: 0.629 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007963.D
 Acq: 27 Dec 2018 11:47

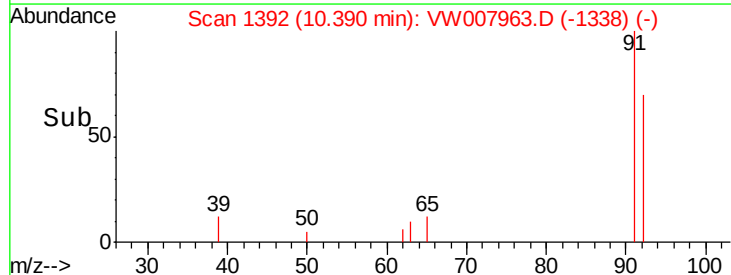
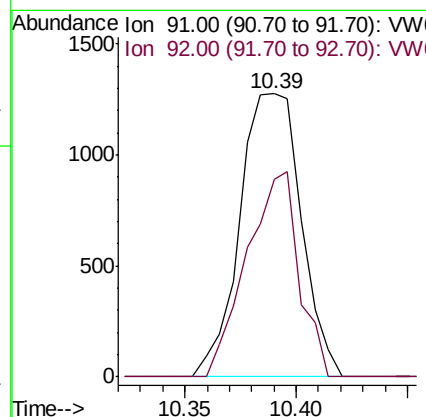
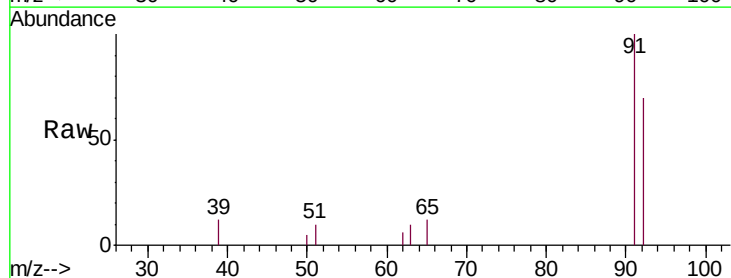
Instrument :
 MSVOA_W
 ClientSampled :
 BF064

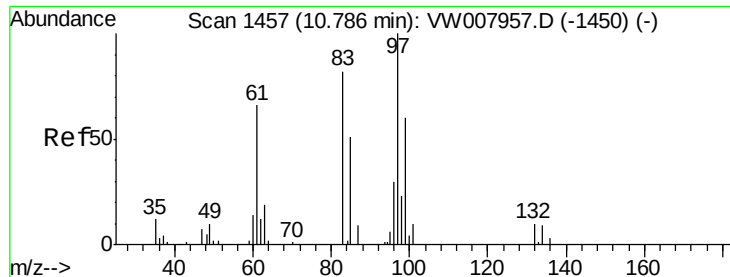
Tgt Ion: 75 Resp: 1016
 Ion Ratio Lower Upper
 75 100
 77 50.6 23.0 42.8#



#44
 Toluene
 Concen: 0.558 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007963.D
 Acq: 27 Dec 2018 11:47

Tgt Ion: 91 Resp: 2456
 Ion Ratio Lower Upper
 91 100
 92 69.7 39.6 73.6

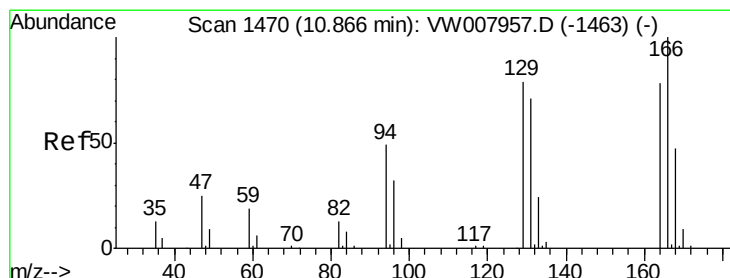
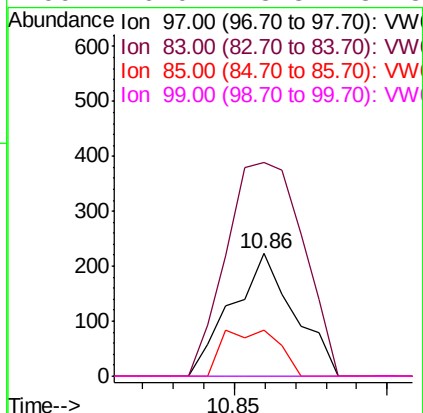
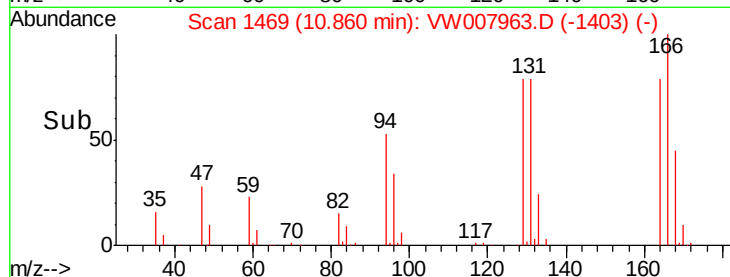
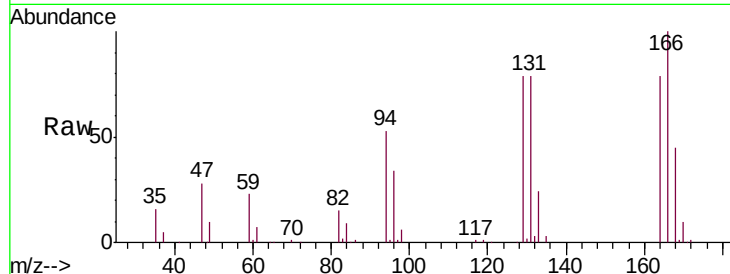




#46
 1,1,2-Trichloroethane
 Concen: 0.404 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.07 min
 Lab File: VW007963.D
 Acq: 27 Dec 2018 11:47

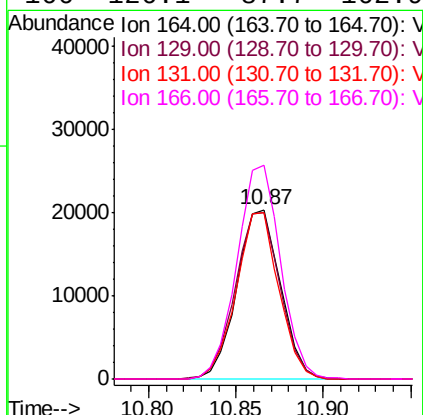
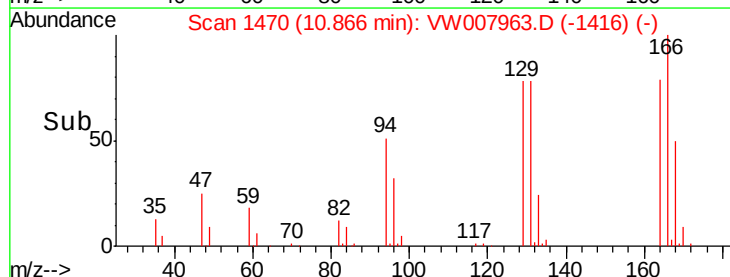
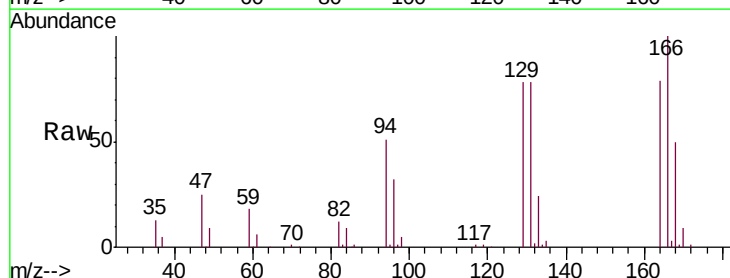
Instrument :
 MSVOA_W
 ClientSampled :
 BF064

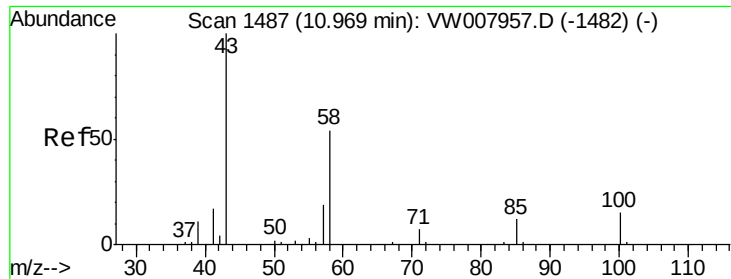
Tgt Ion: 97 Resp: 316
 Ion Ratio Lower Upper
 97 100
 83 174.4 58.4 108.6#
 85 37.2 36.4 67.6
 99 0.0 43.8 81.3#



#47
 Tetrachloroethene
 Concen: 38.866 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW007963.D
 Acq: 27 Dec 2018 11:47

Tgt Ion: 164 Resp: 35296
 Ion Ratio Lower Upper
 164 100
 129 98.0 70.6 131.2
 131 98.2 66.5 123.5
 166 126.1 87.7 162.9

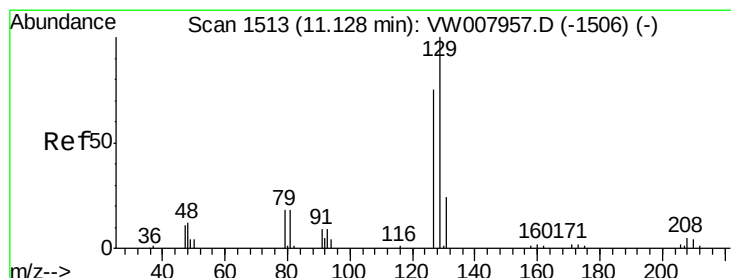
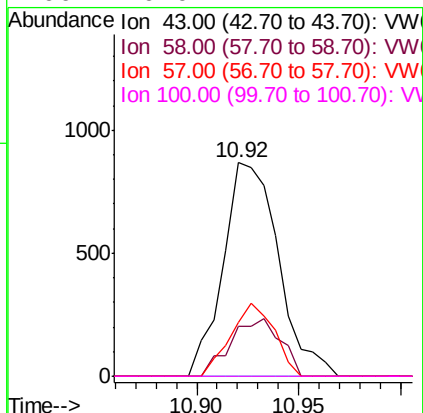
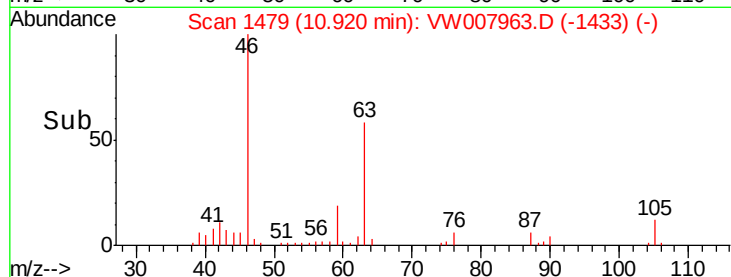
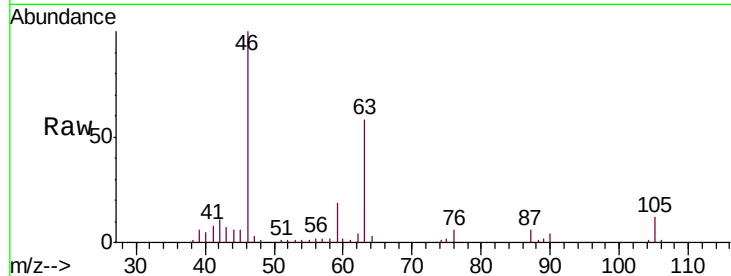




#49
2-Hexanone
Concen: 3.087 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW007963.D
Acq: 27 Dec 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
BF064

Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
58 24.4 46.2 69.4#
57 27.1 17.9 26.9#
100 0.0 11.4 17.2#



#50
Dibromochloromethane
Concen: 35.888 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW007963.D
Acq: 27 Dec 2018 11:47

Tgt Ion: 129 Resp: 35772
Ion Ratio Lower Upper
129 100
127 0.0 55.8 103.6#

