

Data File : VW007959.D
Acq On : 27 Dec 2018 10:04
Operator : SY/AP
Sample : J6507-05
Misc : 5.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF051

Quant Time: Dec 28 04:04:07 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	97863	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	88235	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	38998	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	24026	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.64%
7) Chloroethane-d5	2.89	69	17000	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.64%
10) 1,1-Dichloroethene-d2	4.01	63	47442	18.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.68%
20) 2-Butanone-d5	7.07	46	16079	39.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.18%
24) Chloroform-d	7.64	84	65484	25.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	8.31	65	39979	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.44%
29) Benzene-d6	8.27	84	124779	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	9.27	67	34790	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.40%
37) Toluene-d8	10.32	98	117231	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.28%
38) trans-1,3-Dichloropropene-	10.58	79	17802	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.16%
39) 2-Hexanone-d5	10.93	63	13162	38.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28122	21.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	39156	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds

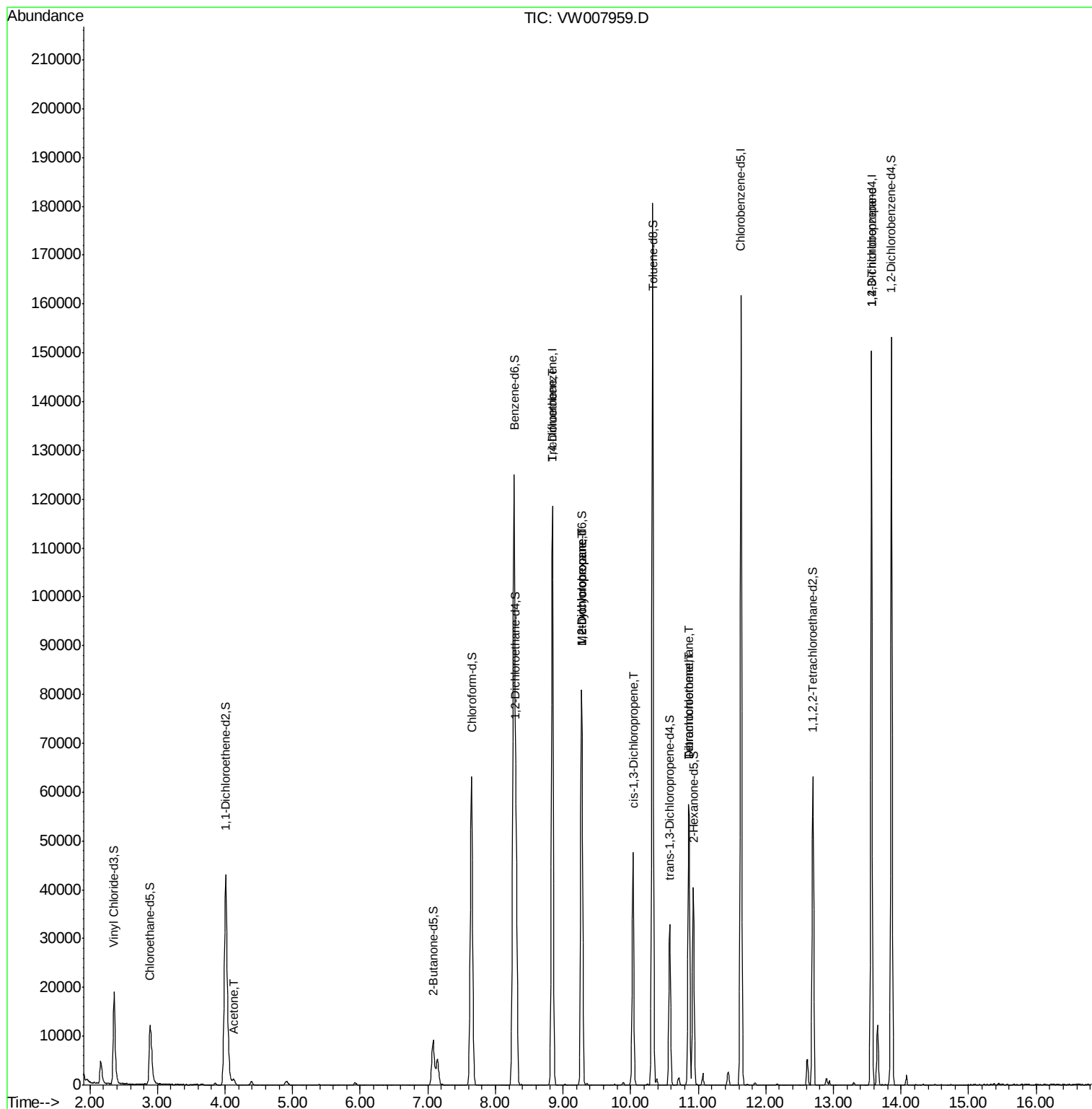
					Qvalue
13) Acetone	4.12	43	1686	4.196 ug/L	73
35) Trichloroethene	8.84	95	3053	2.226 ug/L #	5
36) Methylcyclohexane	9.27	83	9464	4.023 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	4411	3.974 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1274	0.658 ug/L #	70
47) Tetrachloroethene	10.86	164	12332	11.315 ug/L	95
50) Dibromochloromethane	10.86	129	12782	10.685 ug/L #	9
59) 1,2,3-Trichloropropane	13.57	75	4373	4.670 ug/L #	82

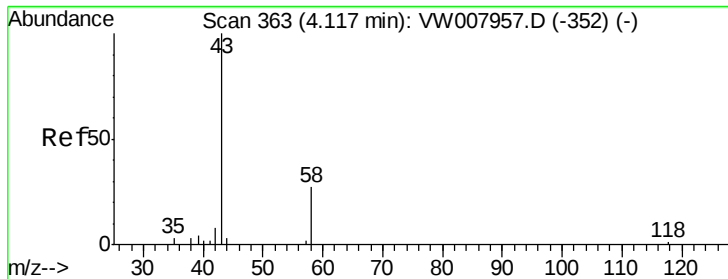
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.196 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007959.D

Acq: 27 Dec 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

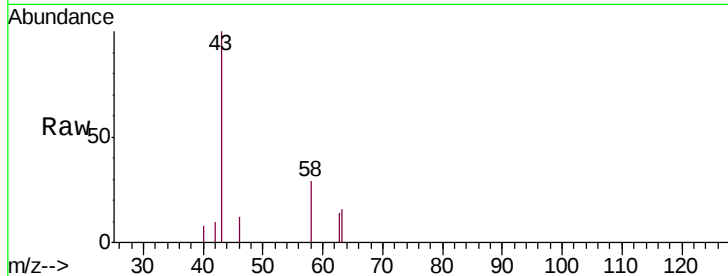
BF051

Tgt Ion: 43 Resp: 1686

Ion Ratio Lower Upper

43 100

58 14.9 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

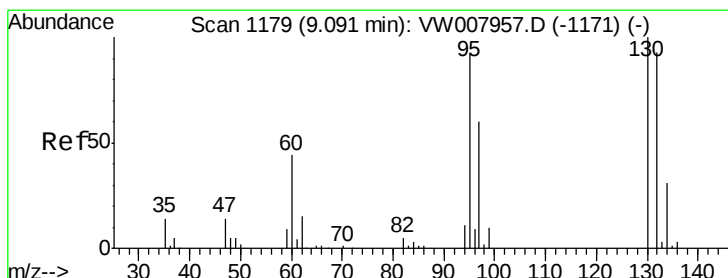
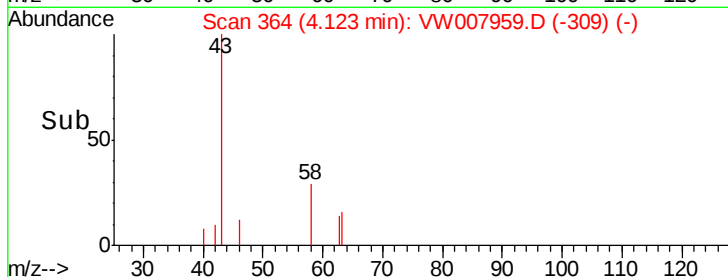
600

400

200

0

Time-->



#35

Trichloroethene

Concen: 2.226 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007959.D

Acq: 27 Dec 2018 10:04

Tgt Ion: 95 Resp: 3053

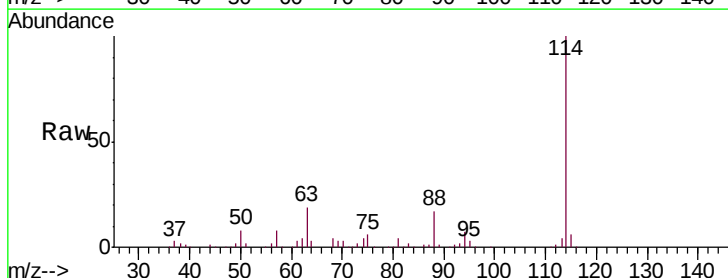
Ion Ratio Lower Upper

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

2500

2000

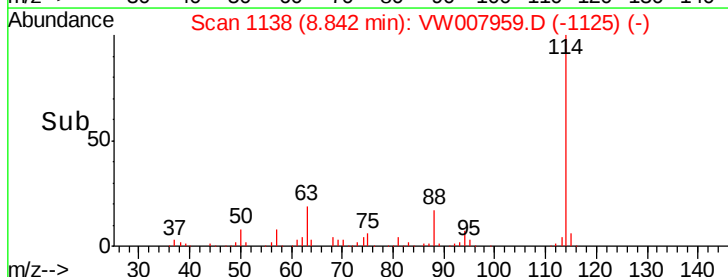
1500

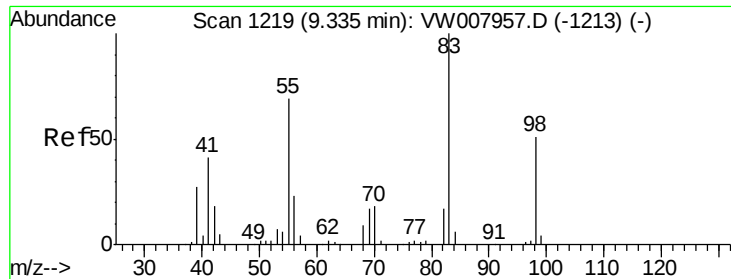
1000

500

0

Time-->

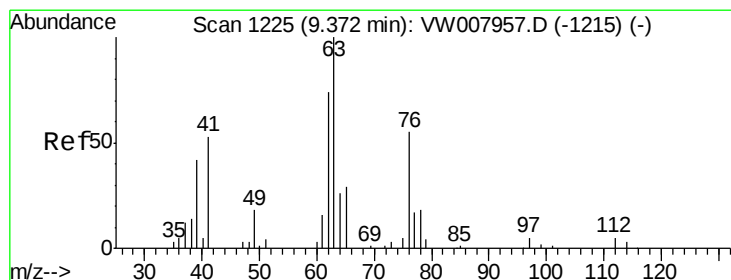
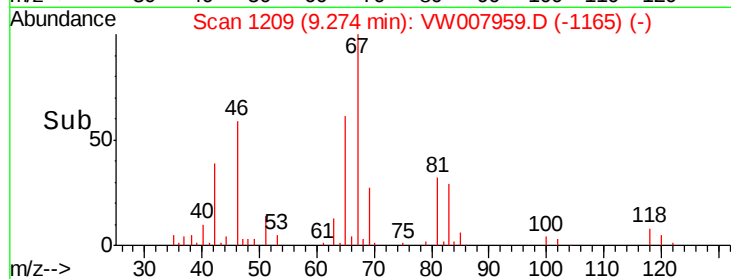
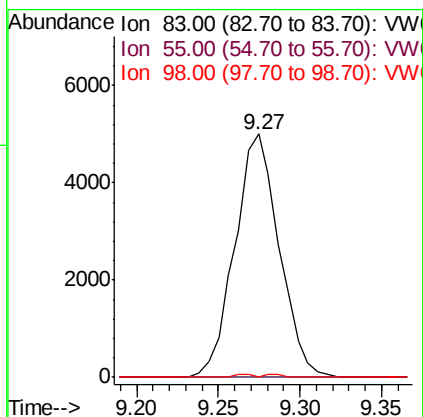
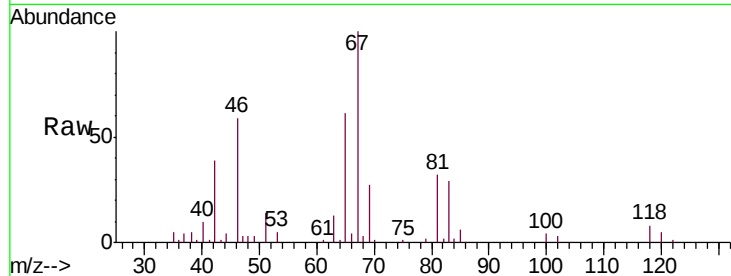




#36
Methylcyclohexane
Concen: 4.023 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007959.D
Acq: 27 Dec 2018 10:04

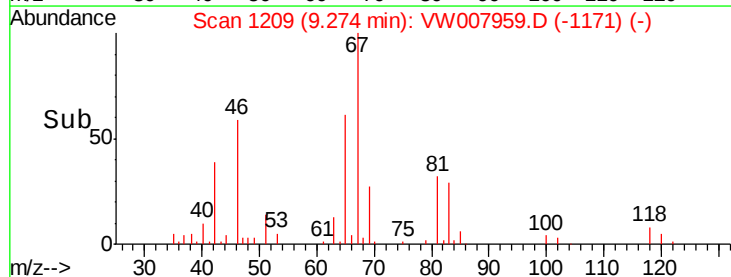
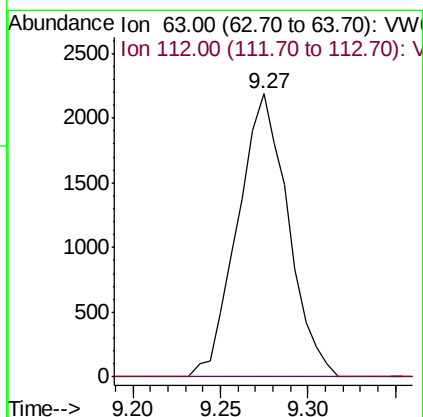
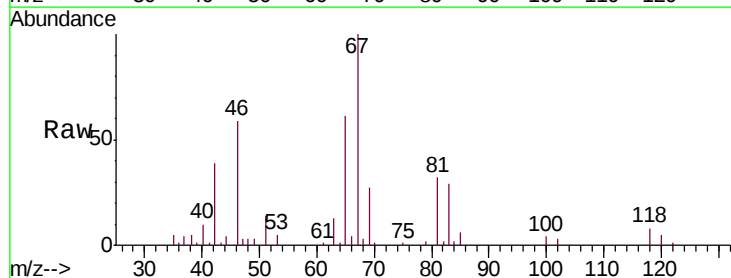
Instrument :
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BF051

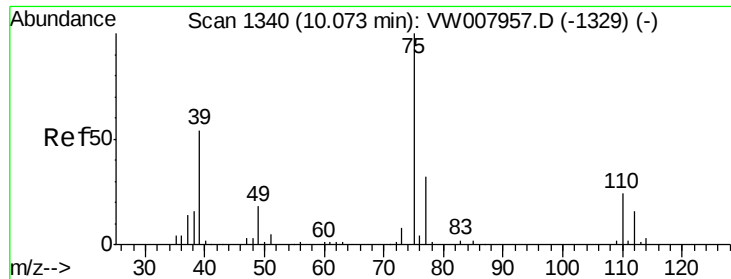
Tgt Ion: 83 Resp: 9464
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.4 38.2 57.2#



#40
1,2-Dichloropropane
Concen: 3.974 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007959.D
Acq: 27 Dec 2018 10:04

Tgt Ion: 63 Resp: 4411
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.658 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007959.D

Acq: 27 Dec 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

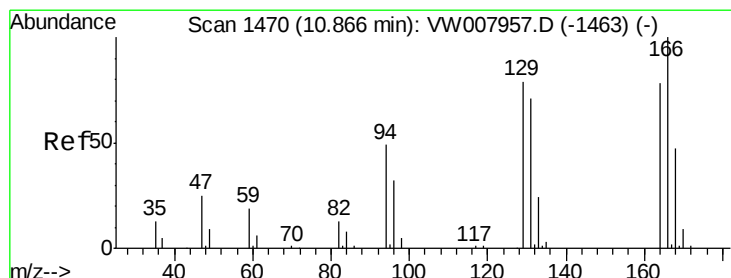
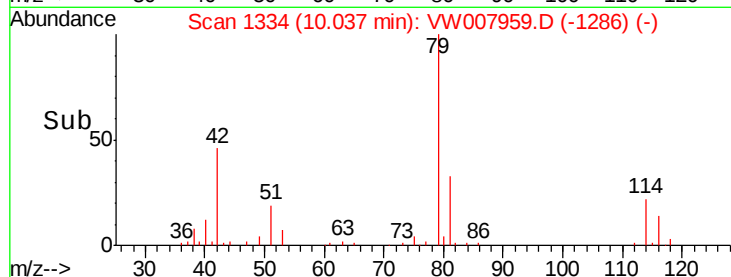
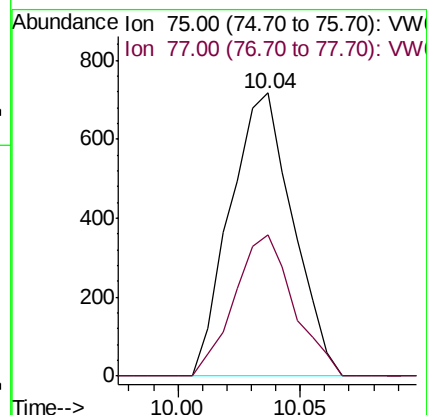
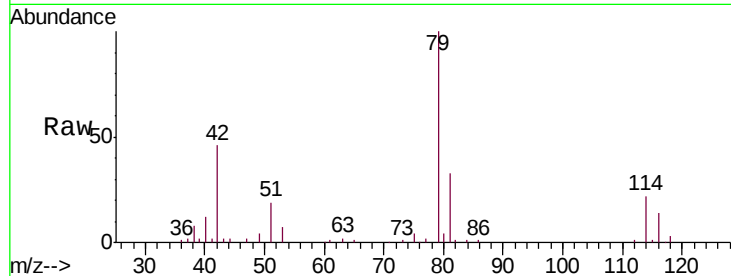
BF051

Tgt Ion: 75 Resp: 1274

Ion Ratio Lower Upper

75 100

77 49.8 23.0 42.8#



#47

Tetrachloroethene

Concen: 11.315 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW007959.D

Acq: 27 Dec 2018 10:04

Tgt Ion:164 Resp: 12332

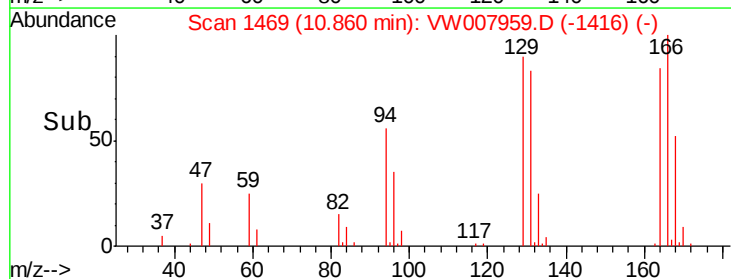
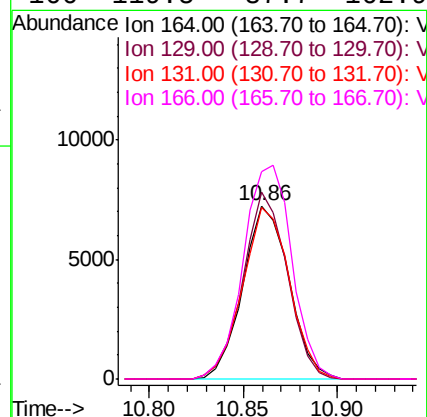
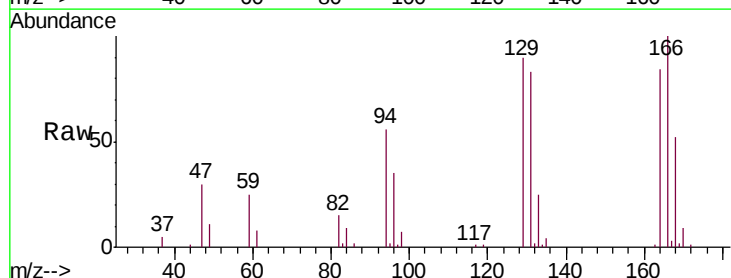
Ion Ratio Lower Upper

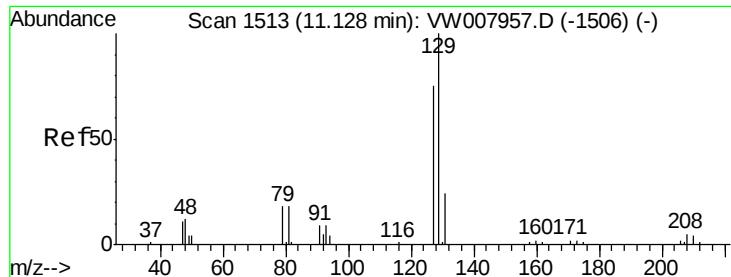
164 100

129 107.9 70.6 131.2

131 99.2 66.5 123.5

166 119.5 87.7 162.9





#50

Dibromochloromethane

Concen: 10.685 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW007959.D

Acq: 27 Dec 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

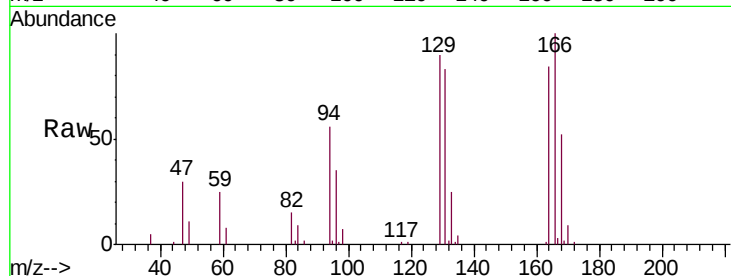
BF051

Tgt Ion:129 Resp: 12782

Ion Ratio Lower Upper

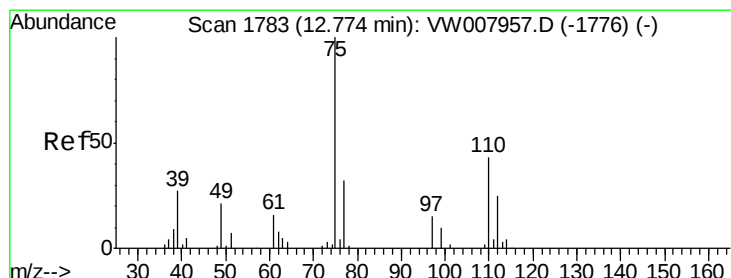
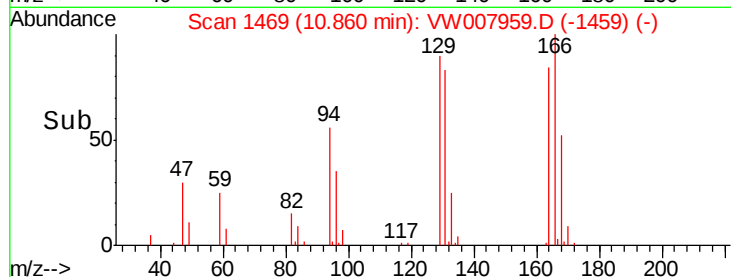
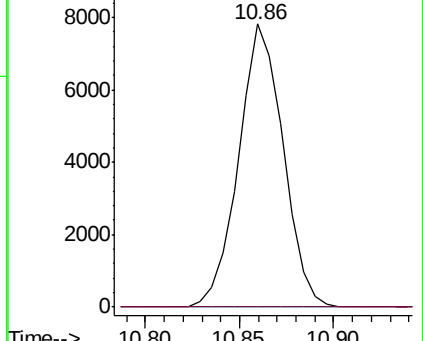
129 100

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: 4.670 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW007959.D

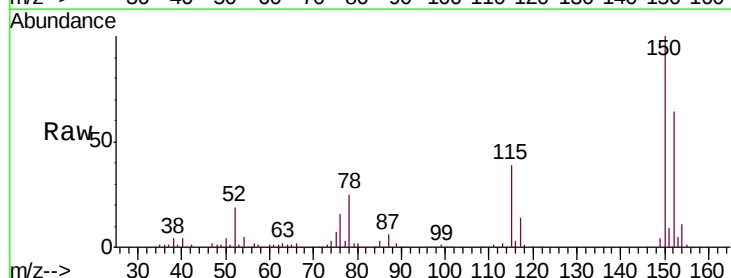
Acq: 27 Dec 2018 10:04

Tgt Ion: 75 Resp: 4373

Ion Ratio Lower Upper

75 100

77 42.1 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

