

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007029.D
 Acq On : 22 Nov 2018 05:52
 Operator : VAY/AP
 Sample : J6006-05RE
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 06:18:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	40011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	89995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	99113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44415	113.39	ug/l	0.00
Spiked Amount						
				Recovery	=	226.78%
35) Dibromofluoromethane	7.88	113	33344	65.61	ug/l	0.00
Spiked Amount						
				Recovery	=	131.22%
50) Toluene-d8	10.32	98	118546	52.82	ug/l	0.00
Spiked Amount						
				Recovery	=	105.64%
62) 4-Bromofluorobenzene	12.62	95	51540	58.36	ug/l	0.00
Spiked Amount						
				Recovery	=	116.72%

Target Compounds

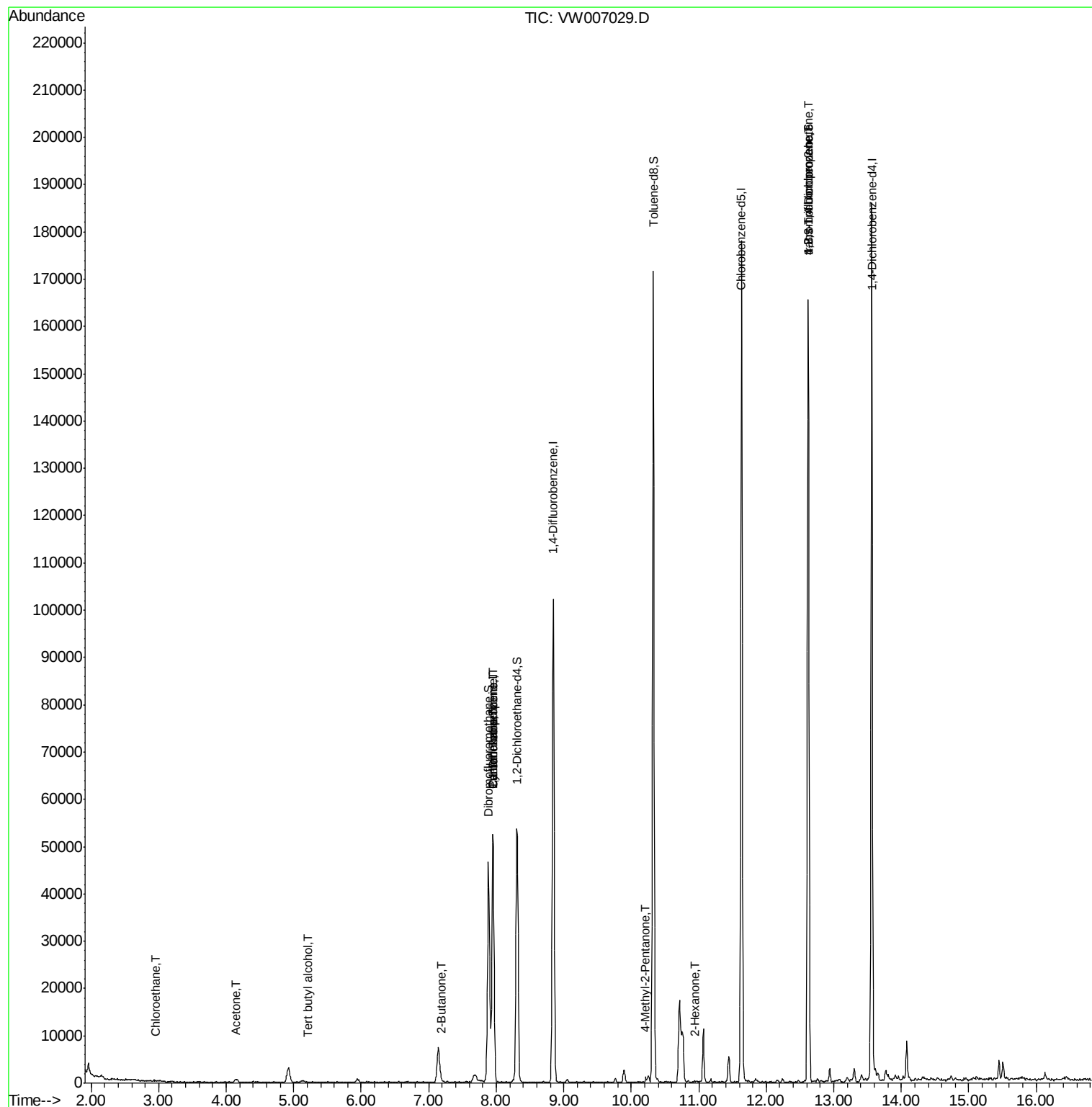
					Qvalue	
6) Chloroethane	2.95	64	254	1.423	ug/l #	43
11) Tert butyl alcohol	5.20	59	75	2.941	ug/l #	71
16) Acetone	4.14	43	1488	26.164	ug/l	96
25) 2-Butanone	7.19	43	361	3.706	ug/l #	48
31) Cyclohexane	7.96	56	797	1.056	ug/l #	26
36) 1,1-Dichloropropene	7.95	75	3265	3.713	ug/l #	48
38) Carbon Tetrachloride	7.95	117	3932	4.669	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	783	2.551	ug/l	96
59) 2-Hexanone	10.94	43	265	1.261	ug/l #	24
76) 1,2,3-Trichloropropane	12.62	75	25302	68.245	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	25302	171.335	ug/l #	10

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

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QLast Update : Wed Nov 21 03:23:02 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007029.D

Acq: 22 Nov 2018 05:52

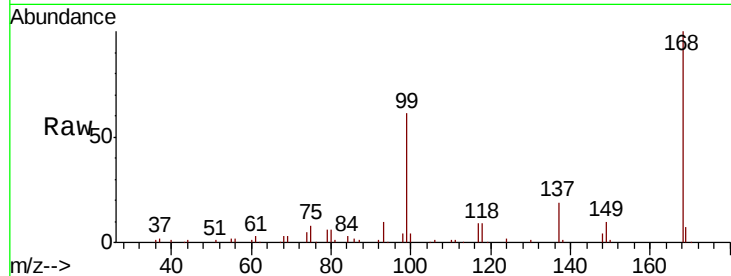
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 40011

Ion Ratio Lower Upper

168 100

99 61.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

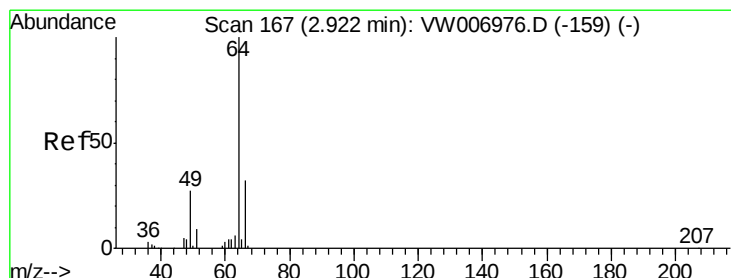
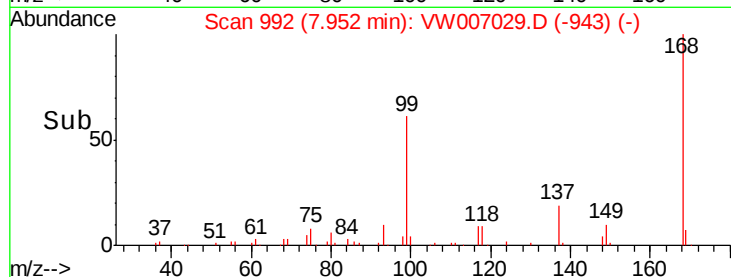
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#6

Chloroethane

Concen: 1.423 ug/l

RT: 2.95 min Scan# 172

Delta R.T. 0.03 min

Lab File: VW007029.D

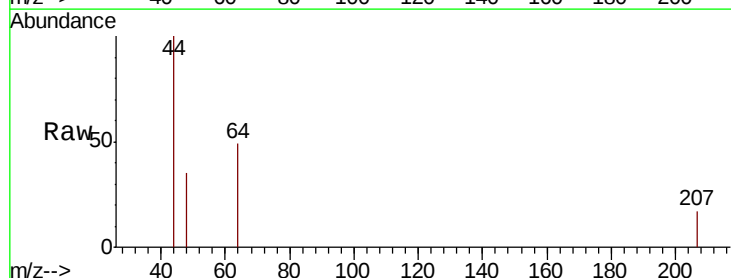
Acq: 22 Nov 2018 05:52

Tgt Ion: 64 Resp: 254

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

300

250

200

150

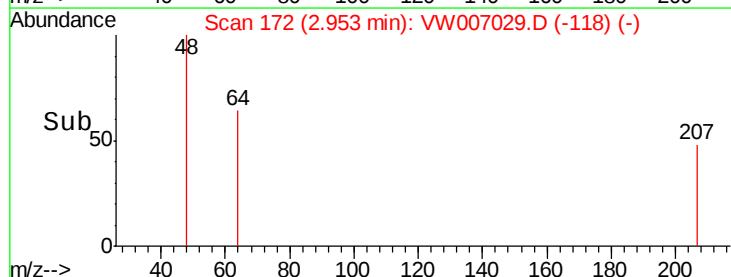
100

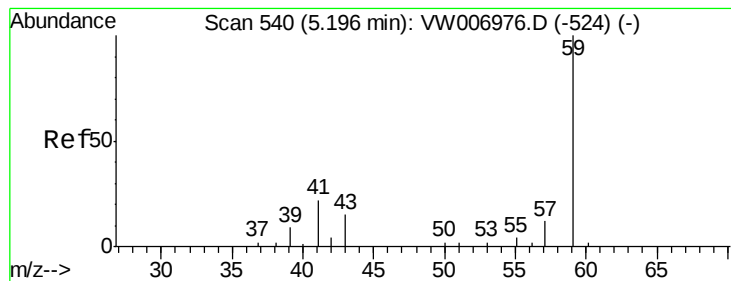
50

0

Time-->

2.95 3.00



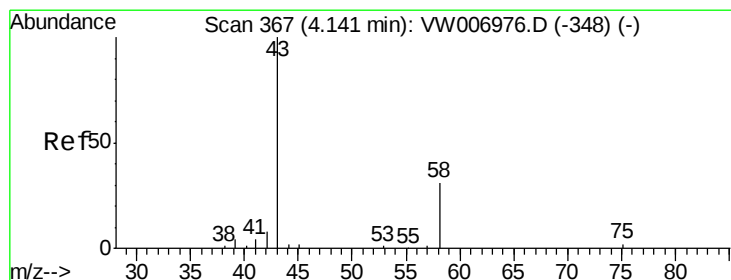
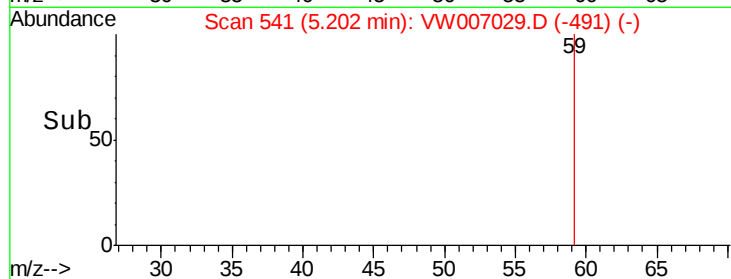
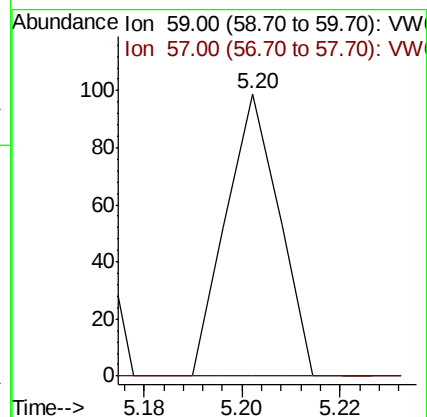
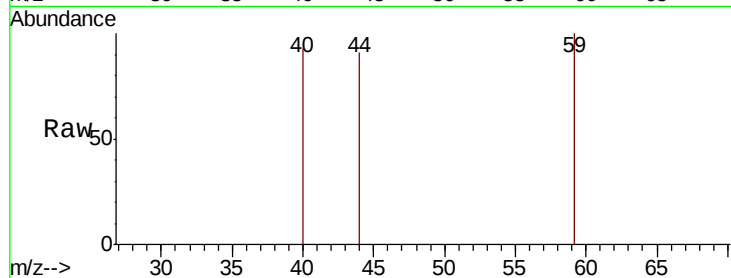


#11

Tert butyl alcohol
 Concen: 2.941 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VW007029.D
 Acq: 22 Nov 2018 05:52

Instrument :
 MSVOA_W
 ClientSampled :

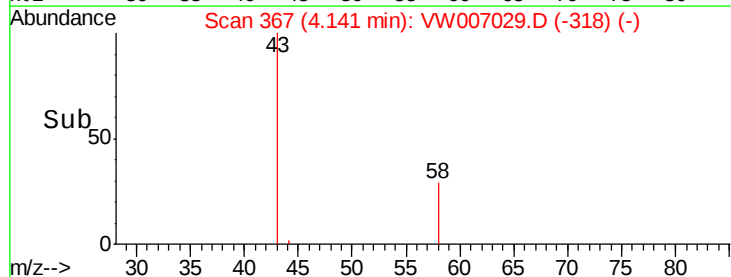
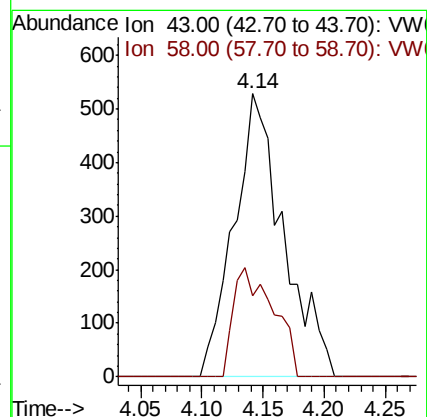
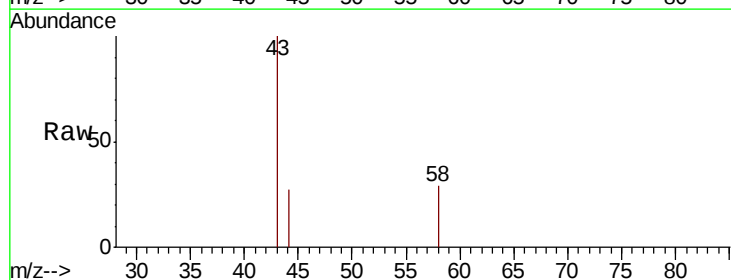
Tot Ion: 59 Resp: 75
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

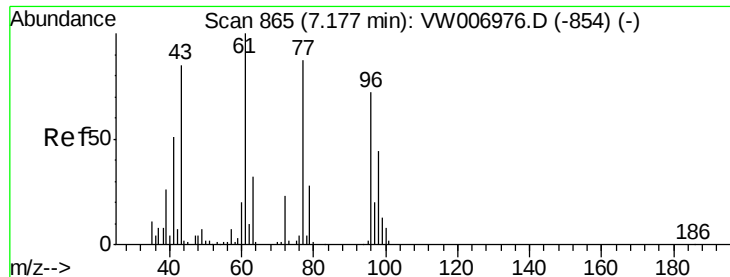


#16

Acetone
 Concen: 26.164 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VW007029.D
 Acq: 22 Nov 2018 05:52

Tgt Ion: 43 Resp: 1488
 Ion Ratio Lower Upper
 43 100
 58 28.6 24.8 37.2





#25

2-Butanone

Concen: 3.706 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW007029.D

Acq: 22 Nov 2018 05:52

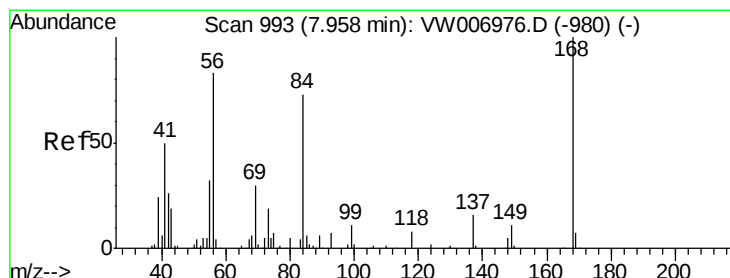
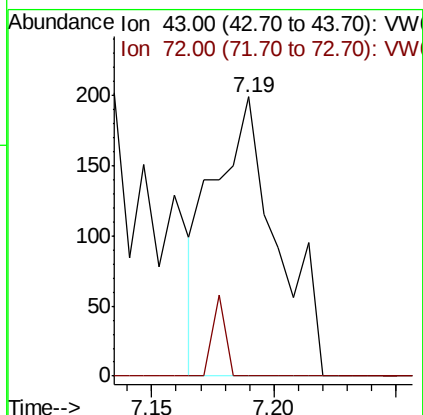
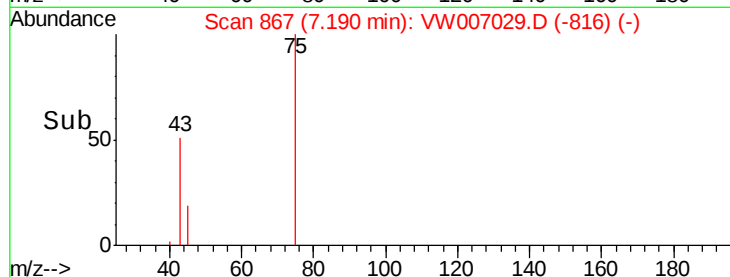
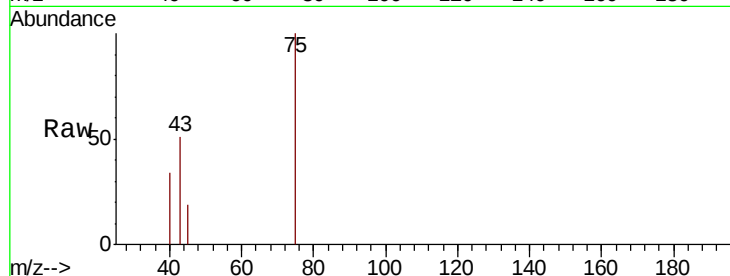
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 361

Ion Ratio Lower Upper

43 100

72 0.0 21.3 31.9#



#31

Cyclohexane

Concen: 1.056 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW007029.D

Acq: 22 Nov 2018 05:52

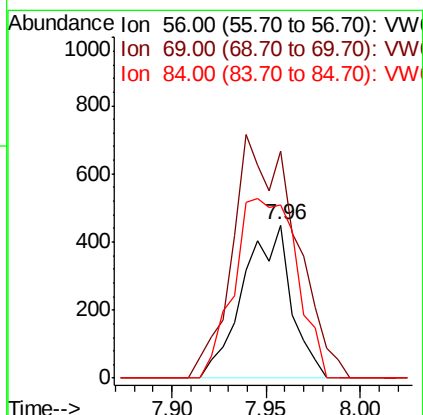
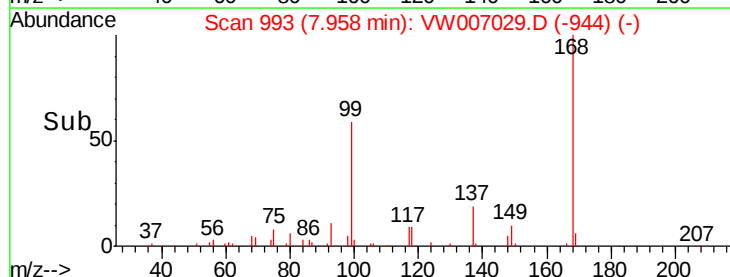
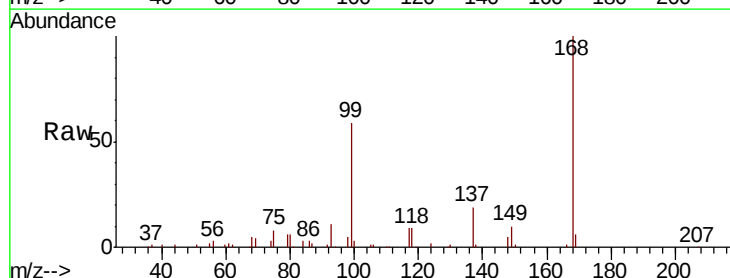
Tgt Ion: 56 Resp: 797

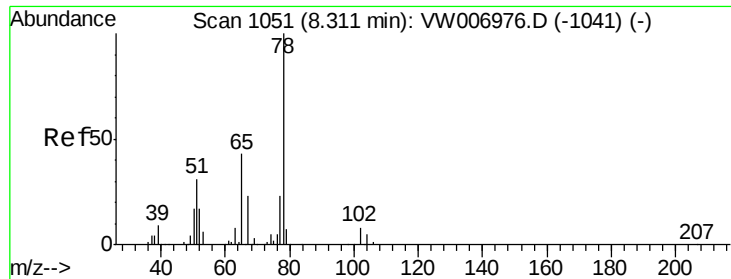
Ion Ratio Lower Upper

56 100

69 148.8 29.1 43.7#

84 113.1 70.6 105.8#

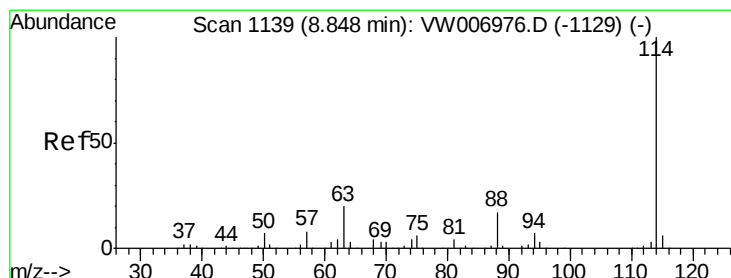
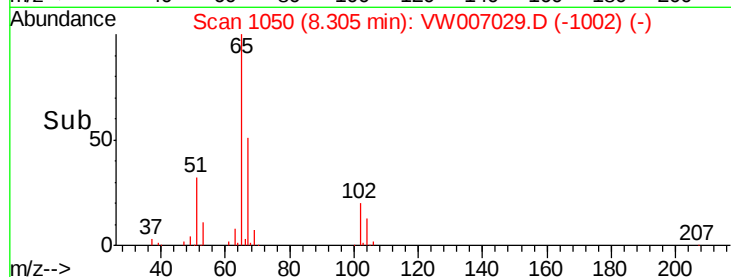
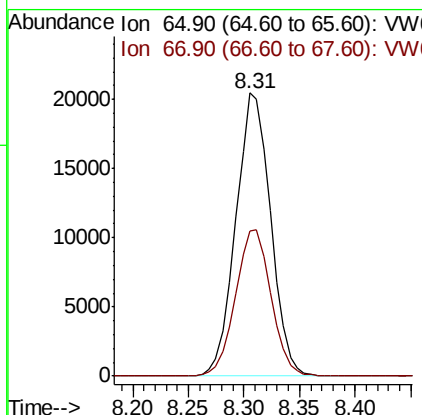
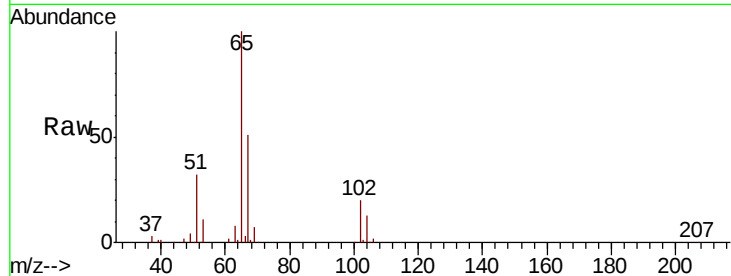




#33
 1,2-Dichloroethane-d4
 Concen: 113.386 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007029.D
 Acq: 22 Nov 2018 05:52

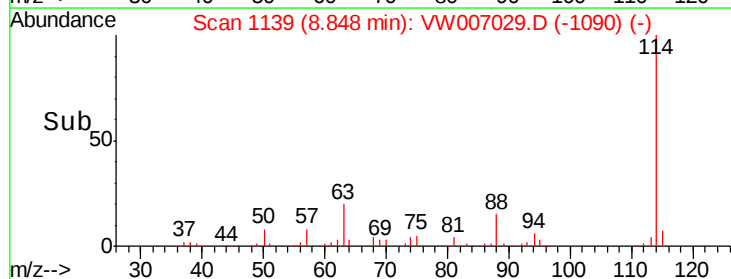
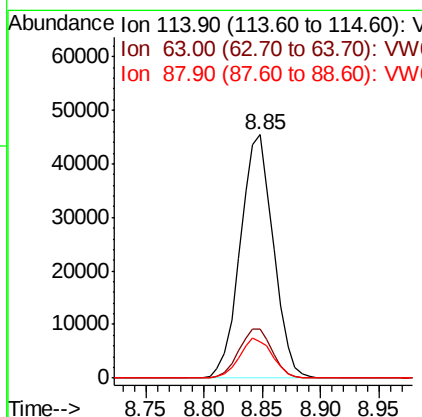
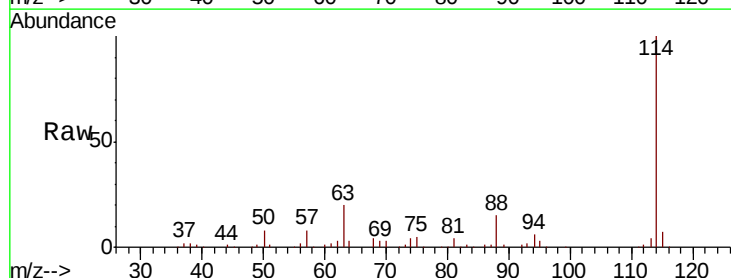
Instrument :
 MSVOA_W
 ClientSampled :

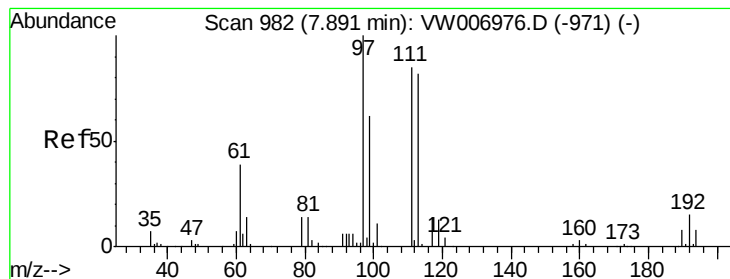
Tot Ion: 65 Resp: 44415
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007029.D
 Acq: 22 Nov 2018 05:52

Tgt Ion: 114 Resp: 89995
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 14.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 65.609 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007029.D

Acq: 22 Nov 2018 05:52

Instrument :
MSVOA_W
ClientSampleId :

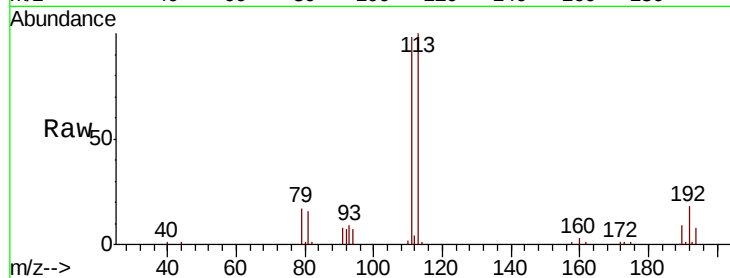
Tot Ion:113 Resp: 33344

Ion Ratio Lower Upper

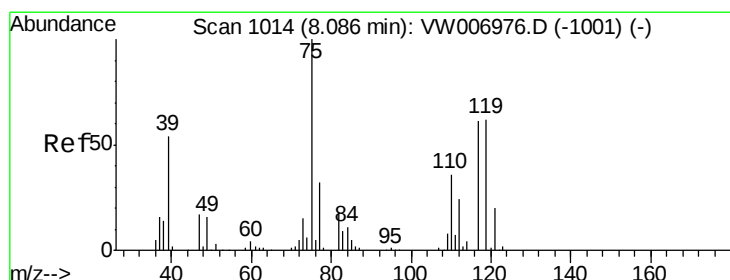
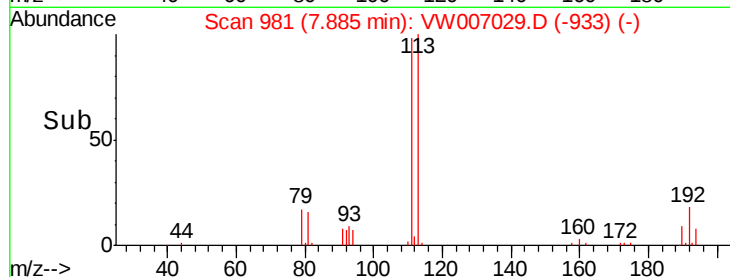
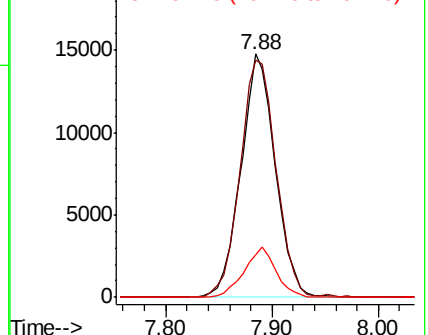
113 100

111 102.6 81.0 121.6

192 19.0 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.713 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007029.D

Acq: 22 Nov 2018 05:52

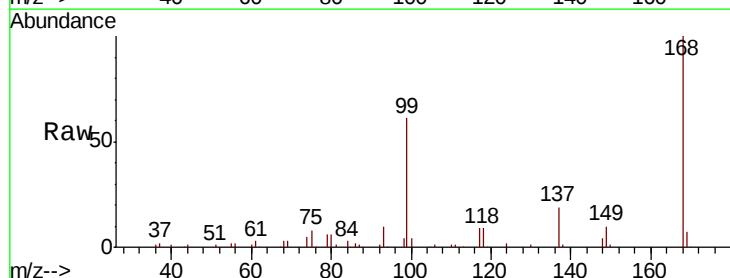
Tgt Ion: 75 Resp: 3265

Ion Ratio Lower Upper

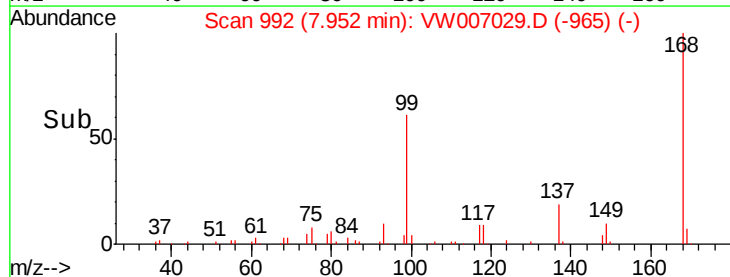
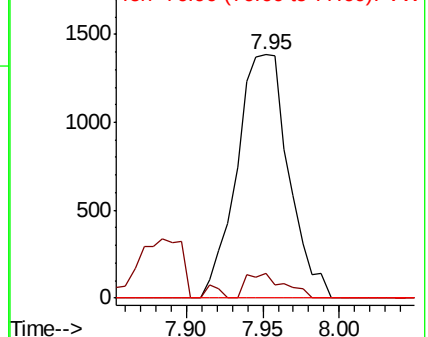
75 100

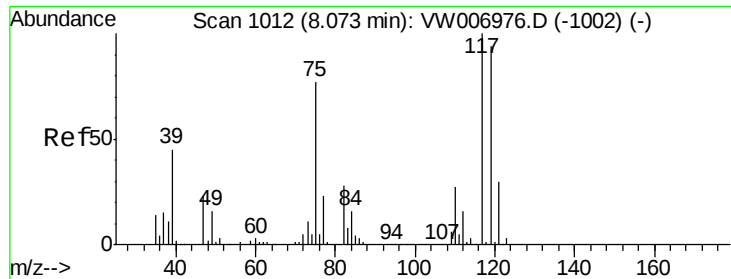
110 7.4 18.0 54.0#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

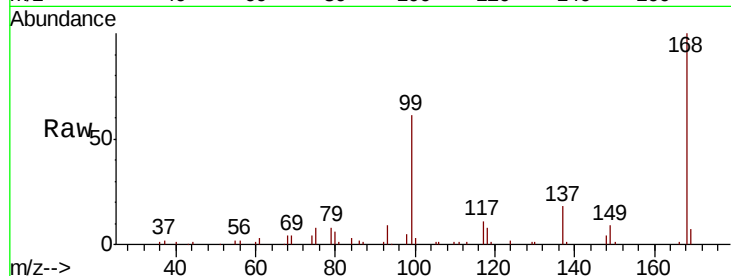




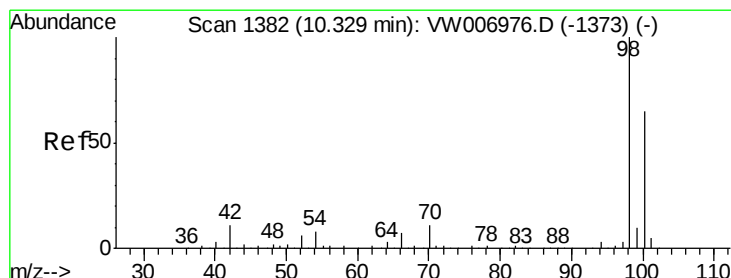
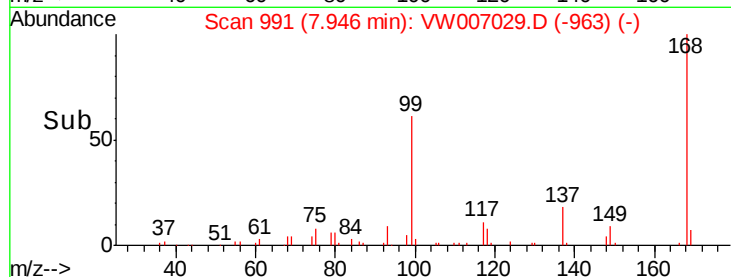
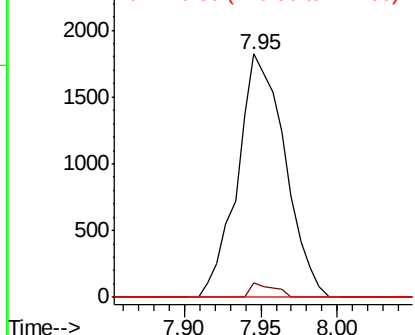
#38
Carbon Tetrachloride
Concen: 4.669 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW007029.D
Acq: 22 Nov 2018 05:52

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 3932
Ion Ratio Lower Upper
117 100
119 6.2 74.9 112.3#
121 0.0 23.6 35.4#

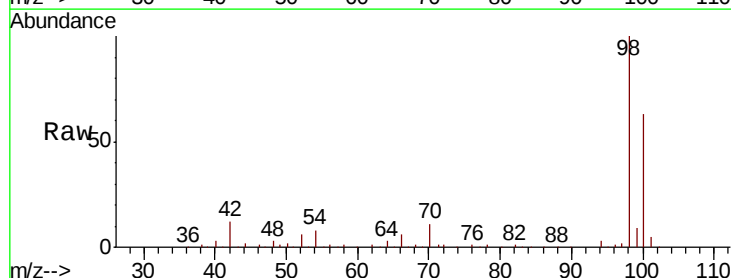


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

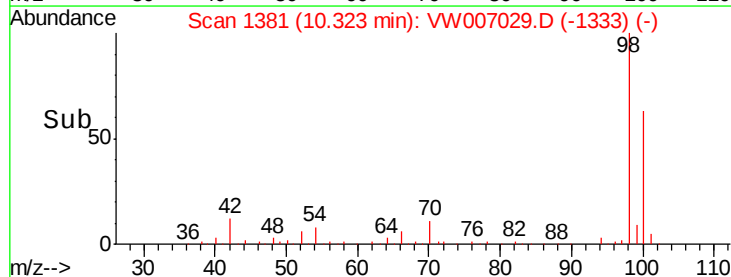
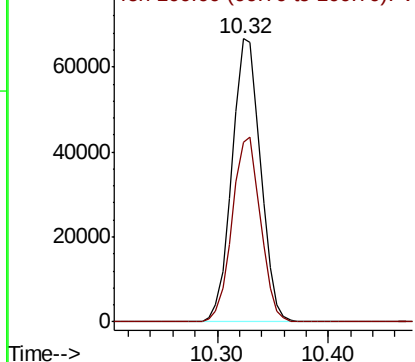


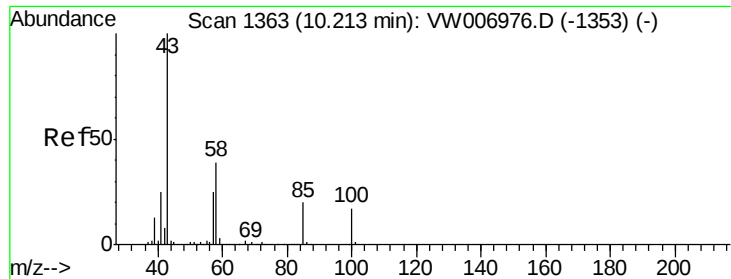
#50
Toluene-d8
Concen: 52.822 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007029.D
Acq: 22 Nov 2018 05:52

Tgt Ion: 98 Resp: 118546
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

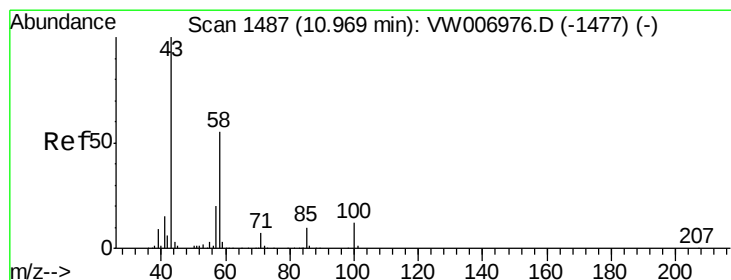
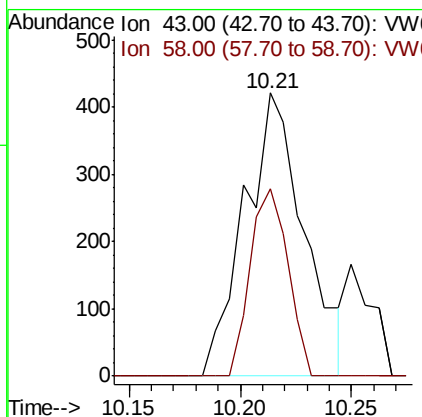
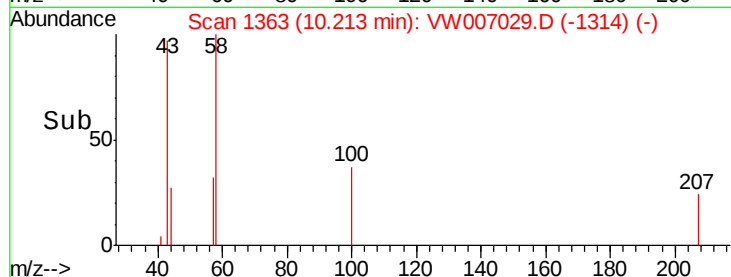
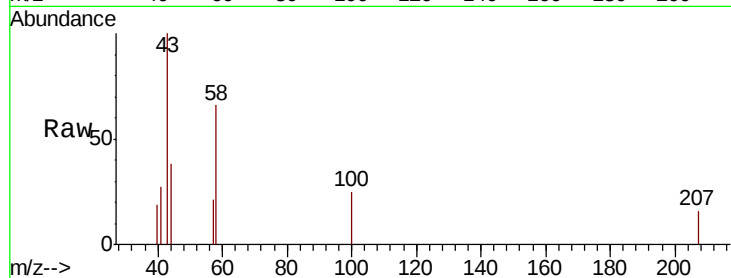




#51
4-Methyl-2-Pentanone
Concen: 2.551 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW007029.D
Acq: 22 Nov 2018 05:52

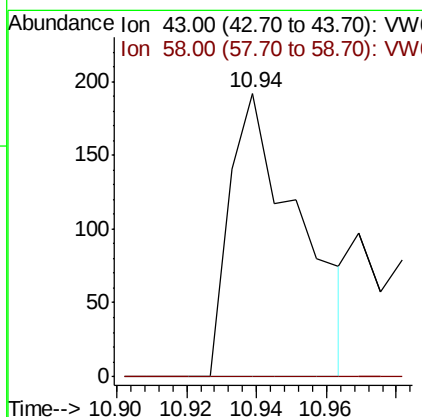
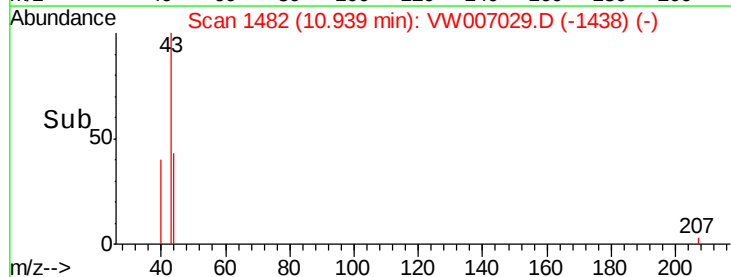
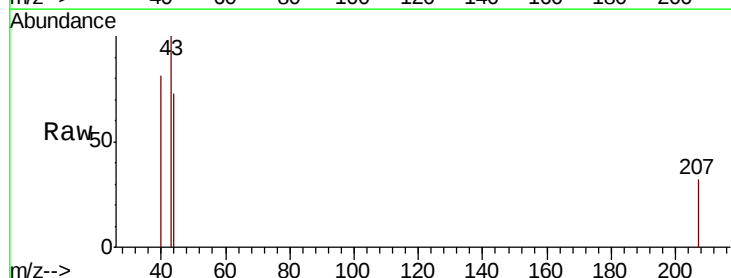
Instrument :
MSVOA_W
ClientSampled :

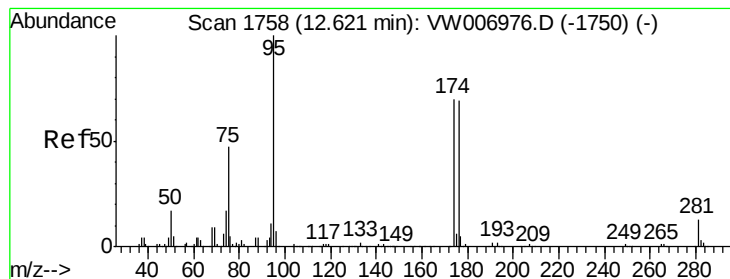
Tot Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
58 42.1 31.8 47.6



#59
2-Hexanone
Concen: 1.261 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007029.D
Acq: 22 Nov 2018 05:52

Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#





#62

4-Bromofluorobenzene

Concen: 58.359 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007029.D

Acq: 22 Nov 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

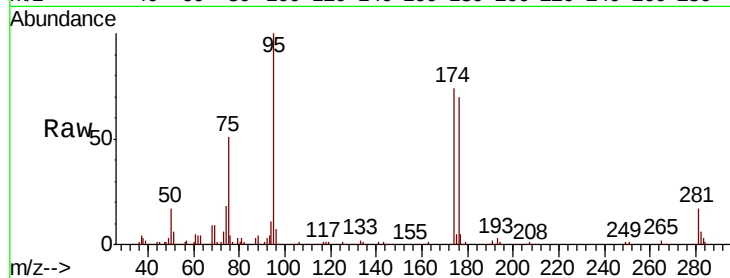
Tot Ion: 95 Resp: 51540

Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.6

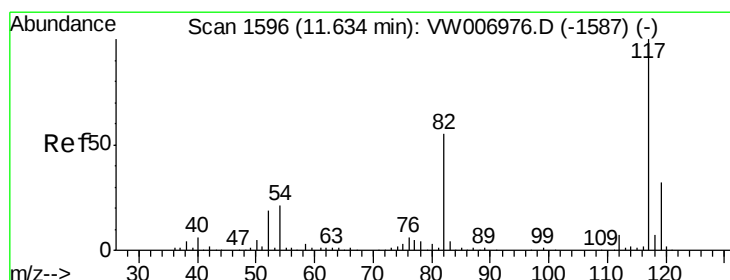
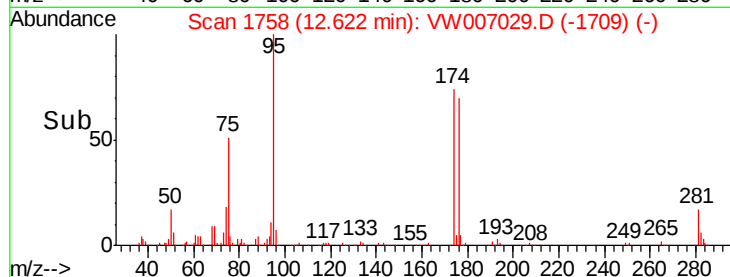
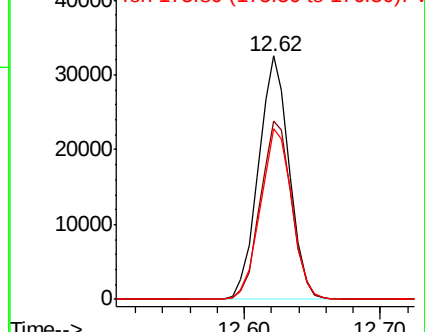
176 71.8 0.0 140.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007029.D

Acq: 22 Nov 2018 05:52

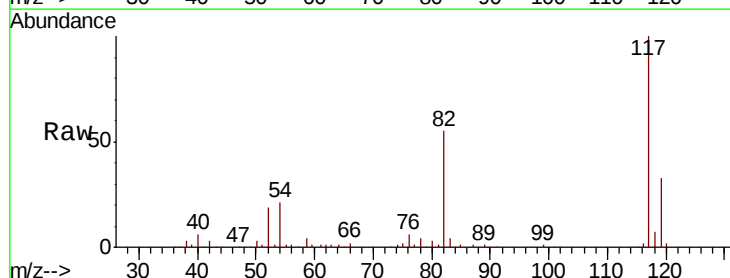
Tgt Ion: 117 Resp: 99113

Ion Ratio Lower Upper

117 100

82 55.4 44.2 66.2

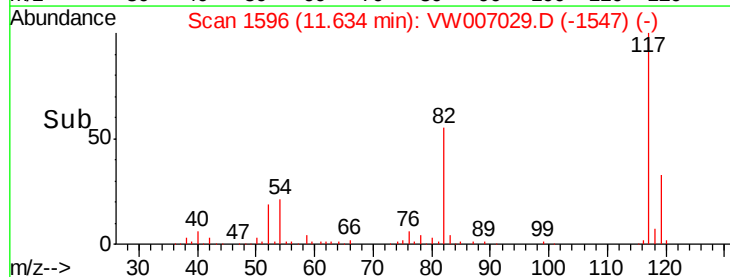
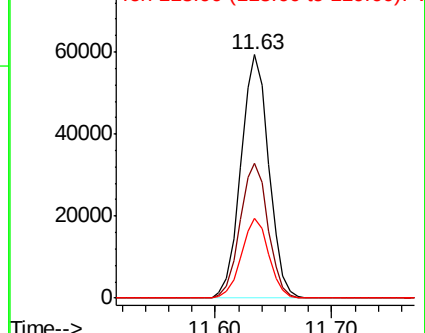
119 33.0 25.9 38.9

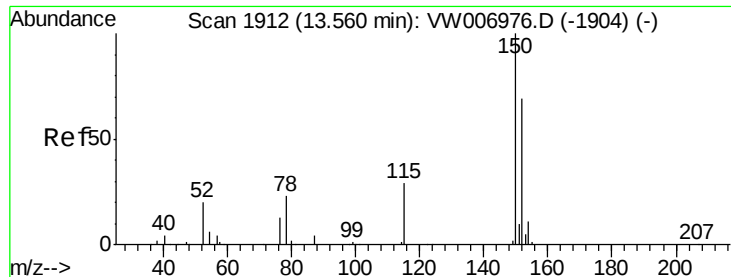


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007029.D

Acq: 22 Nov 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

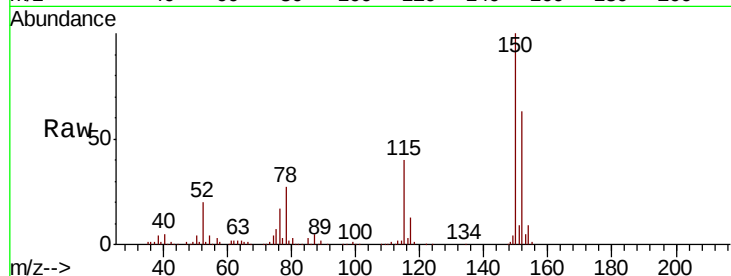
Tot Ion:152 Resp: 47182

Ion Ratio Lower Upper

152 100

115 62.1 31.4 94.2

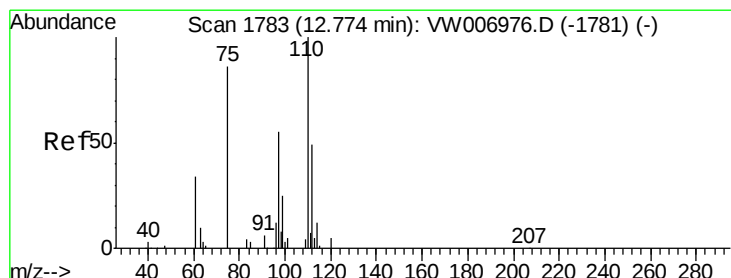
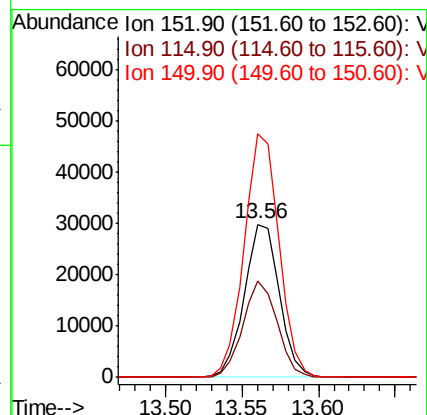
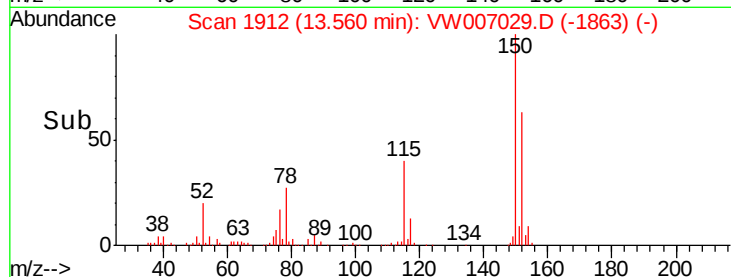
150 158.8 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 68.245 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007029.D

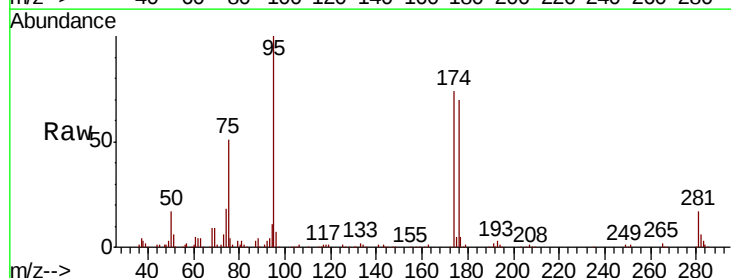
Acq: 22 Nov 2018 05:52

Tgt Ion: 75 Resp: 25302

Ion Ratio Lower Upper

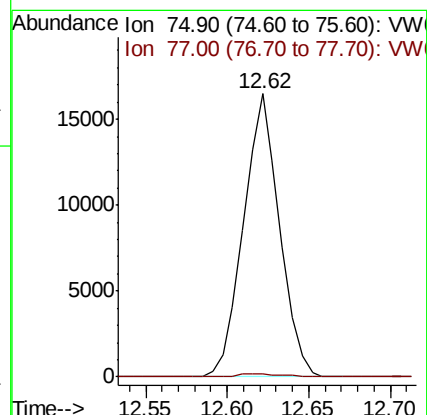
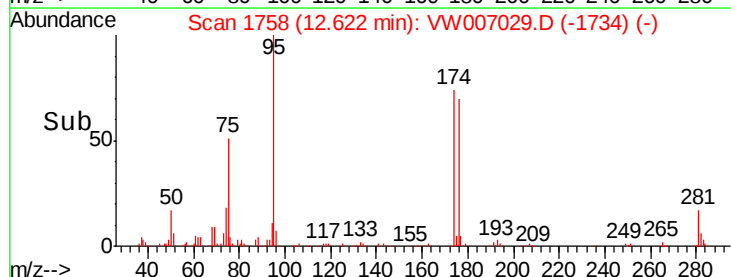
75 100

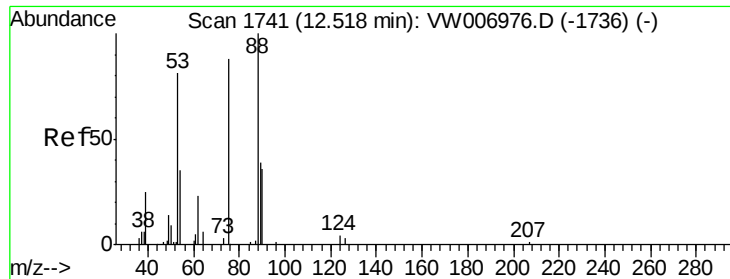
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 171.335 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007029.D

Acq: 22 Nov 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

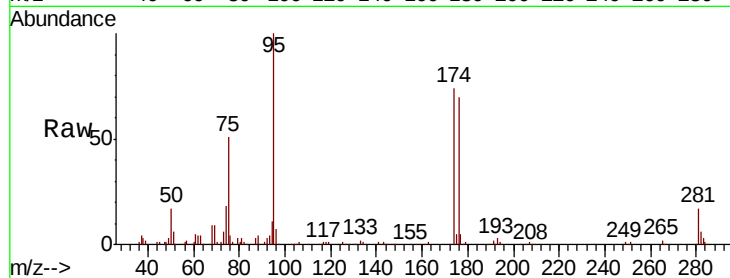
Tot Ion: 75 Resp: 25302

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.1 39.3 58.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

