

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008095.D
 Acq On : 09 Jan 2019 11:36
 Operator : SY/AP
 Sample : VW0109SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBL01

Quant Time: Jan 10 05:55:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	81885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	144316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55170	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	46299	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
35) Dibromofluoromethane	7.88	113	42783	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.32	98	179502	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.62	95	58769	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	

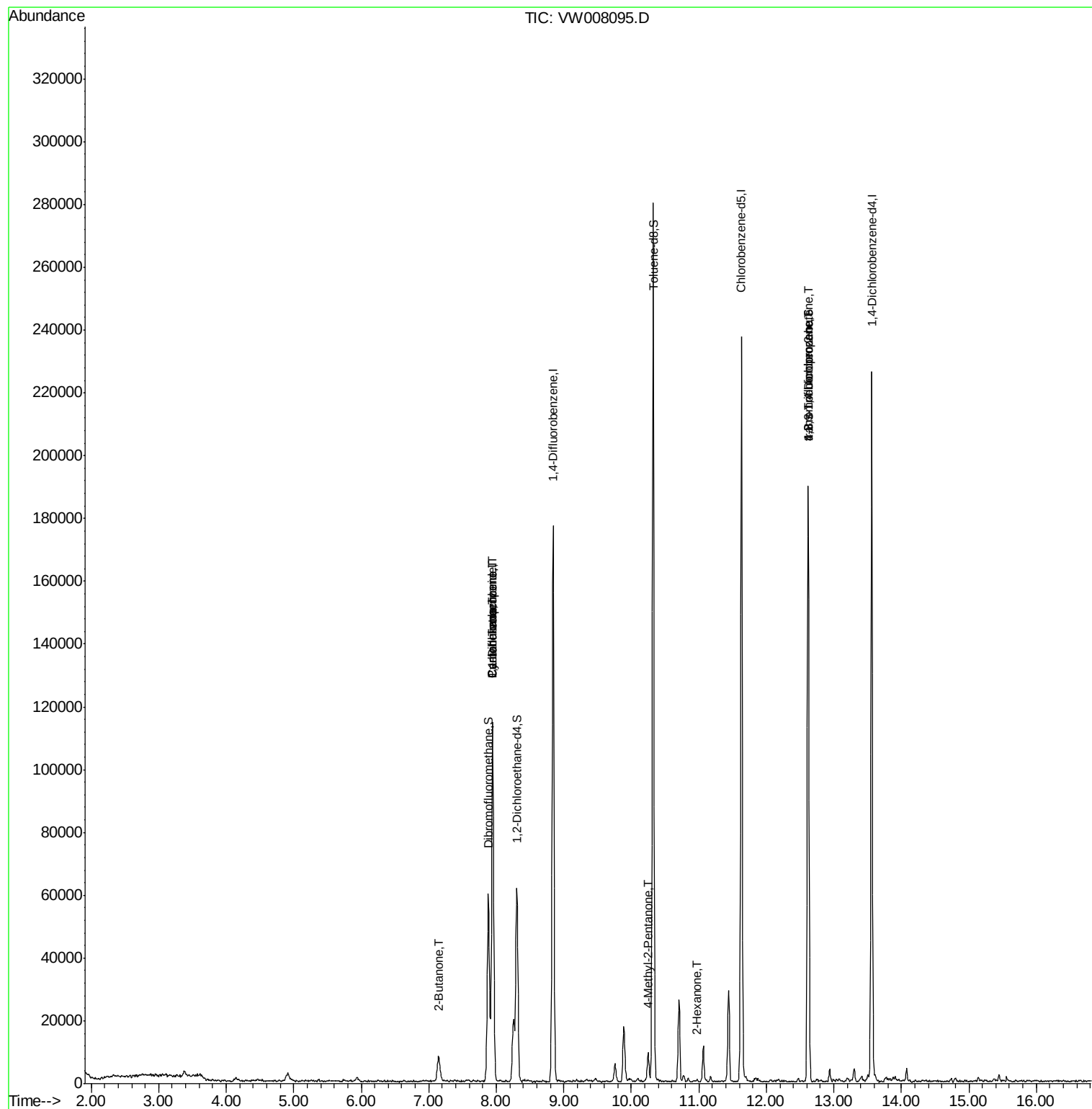
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	121	Below Cal	#	100
13) Acrolein	3.89	56	29	Below Cal	#	2
16) Acetone	4.14	43	1607	Below Cal	#	80
20) Methylene Chloride	4.92	84	1797	Below Cal	#	71
25) 2-Butanone	7.15	43	616	2.406	ug/l #	49
31) Cyclohexane	7.95	56	2116	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6923	4.657	ug/l #	49
38) Carbon Tetrachloride	7.94	117	8196	6.024	ug/l #	17
51) 4-Methyl-2-Pentanone	10.25	43	1678	2.911	ug/l #	72
59) 2-Hexanone	10.98	43	473	1.213	ug/l	64
76) 1,2,3-Trichloropropane	12.62	75	29754	59.161	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	29754	137.767	ug/l #	10

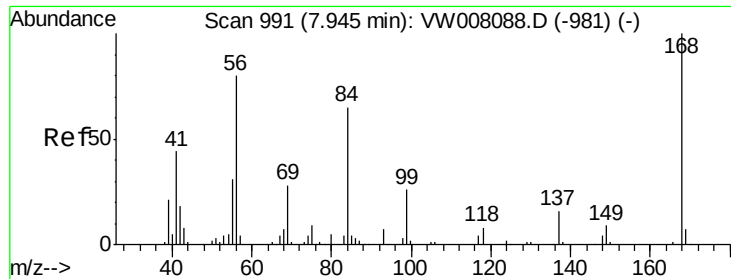
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008095.D

Acq: 09 Jan 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

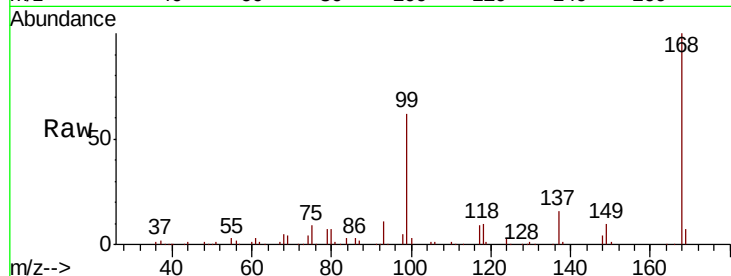
VW0109SBL01

Tgt Ion: 168 Resp: 81885

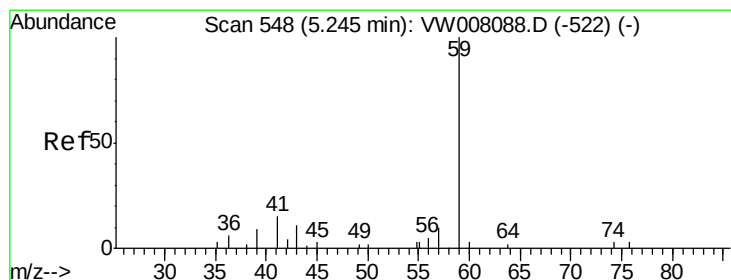
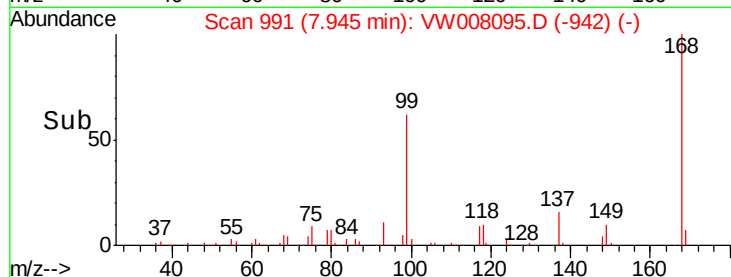
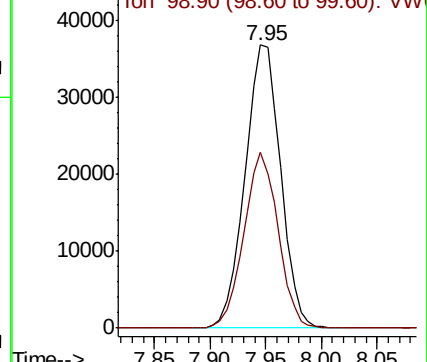
Ion Ratio Lower Upper

168 100

99 62.2 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW008088.D (-981) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW008095.D

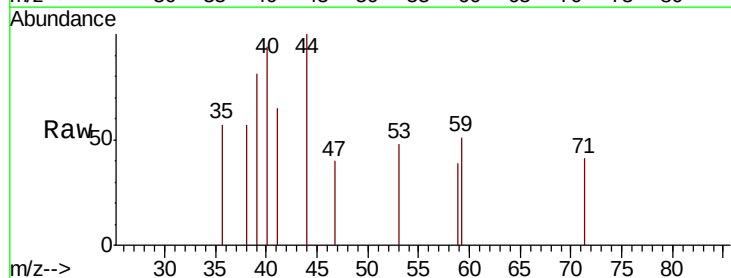
Acq: 09 Jan 2019 11:36

Tgt Ion: 59 Resp: 121

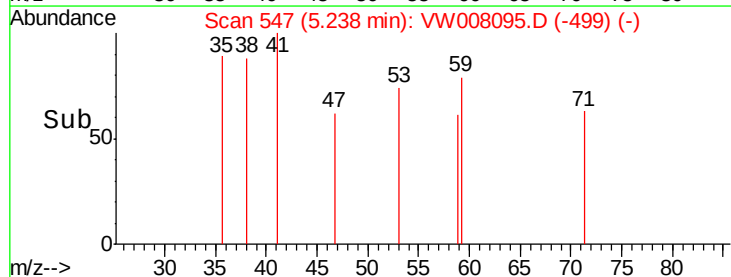
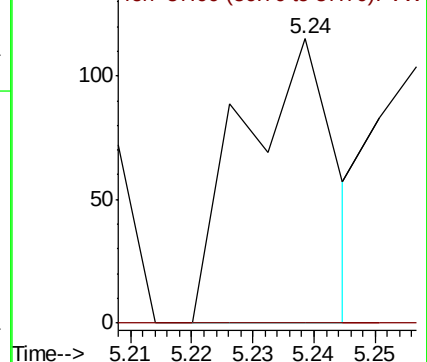
Ion Ratio Lower Upper

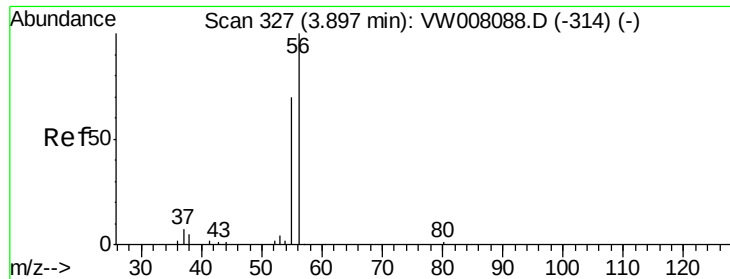
59 100

57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW008088.D (-522) (-)





#13

Acrolein

Concen: Below Cal

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW008095.D

Acq: 09 Jan 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

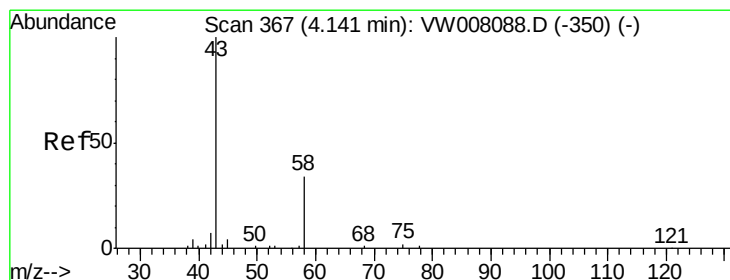
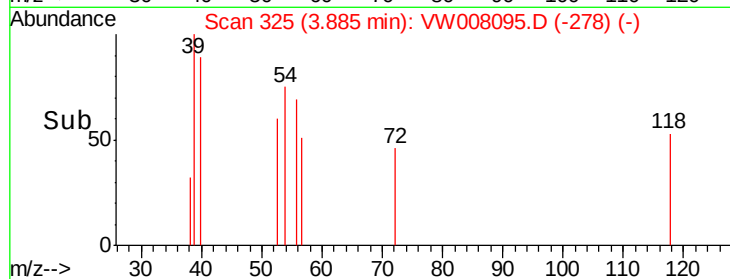
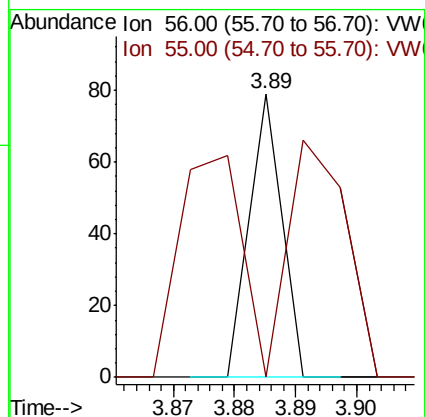
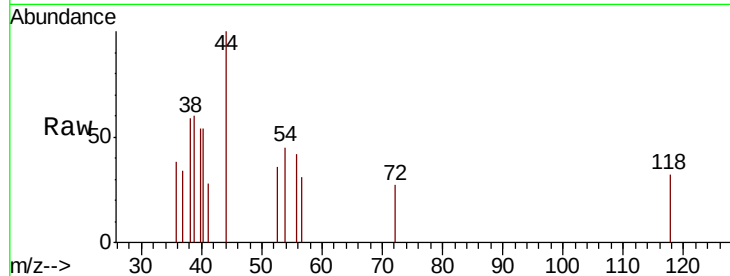
VW0109SBL01

Tgt Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 151.7 56.6 84.8#



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008095.D

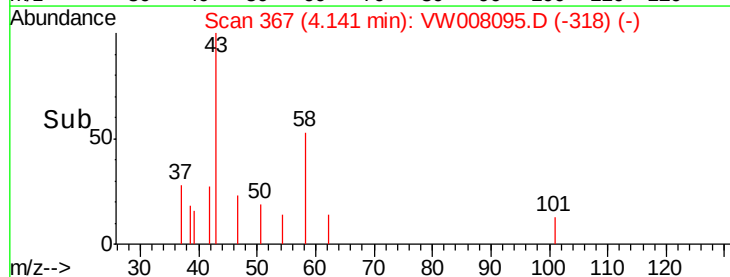
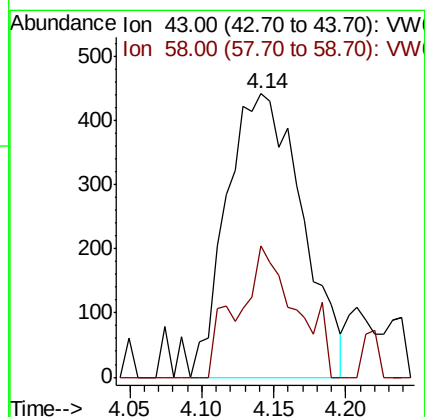
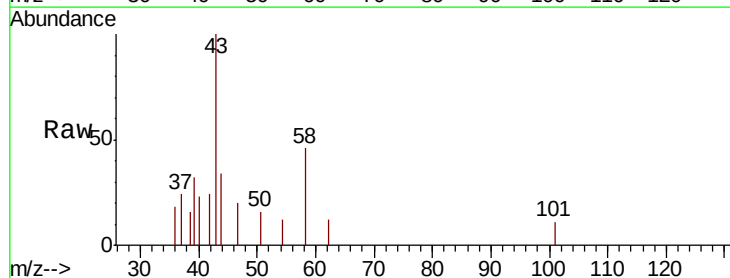
Acq: 09 Jan 2019 11:36

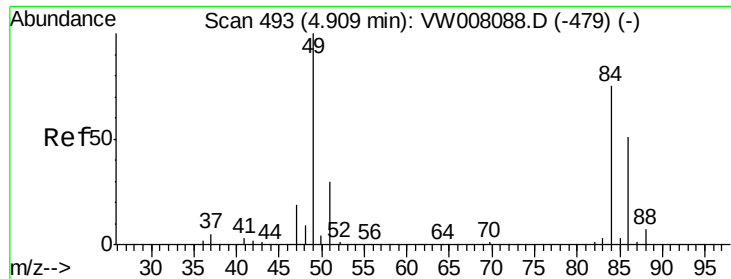
Tgt Ion: 43 Resp: 1607

Ion Ratio Lower Upper

43 100

58 46.2 27.5 41.3#

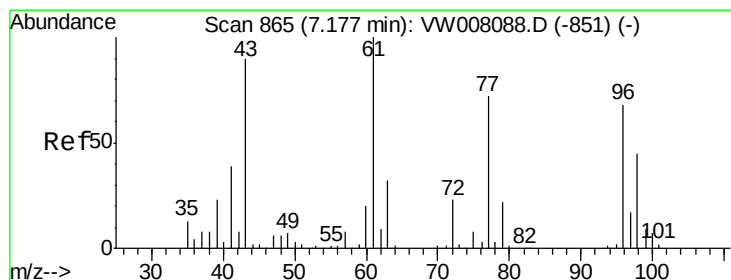
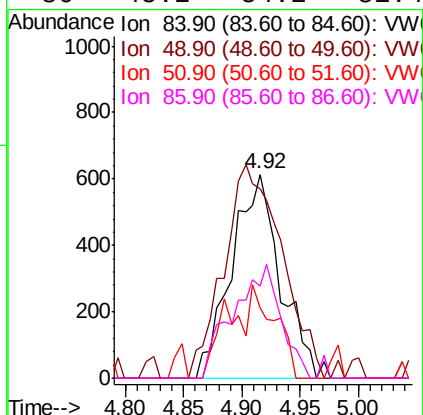
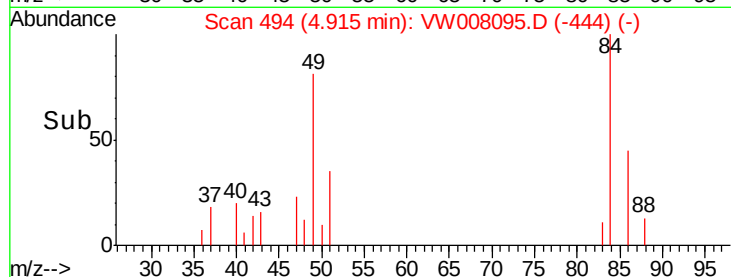
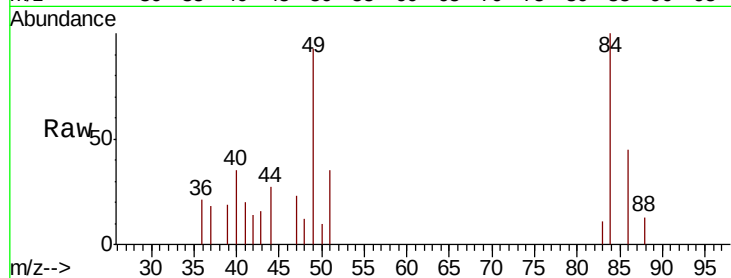




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008095.D
Acq: 09 Jan 2019 11:36

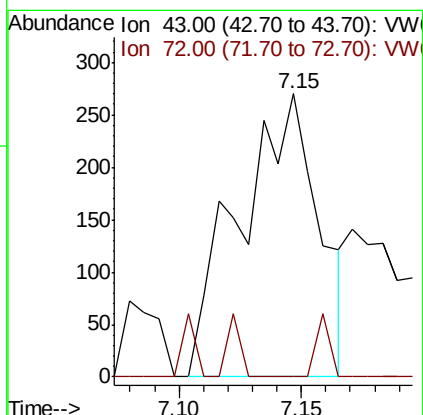
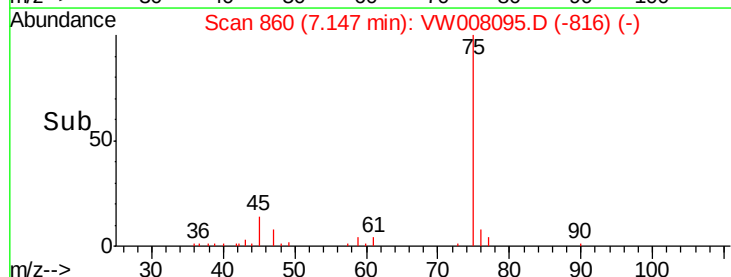
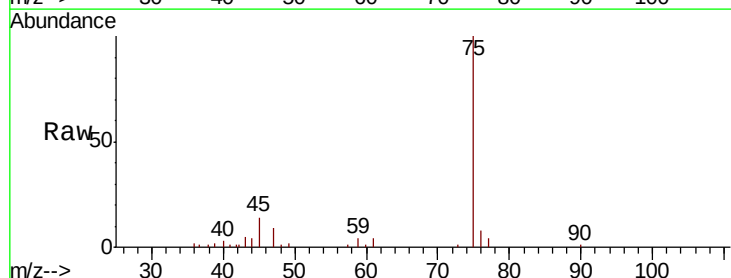
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBL01

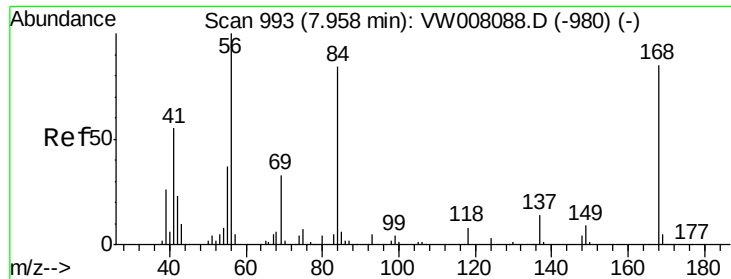
Tgt Ion: 84 Resp: 1797
Ion Ratio Lower Upper
84 100
49 92.8 107.1 160.7#
51 34.6 32.4 48.6
86 45.2 54.2 81.4#



#25
2-Butanone
Concen: 2.406 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW008095.D
Acq: 09 Jan 2019 11:36

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

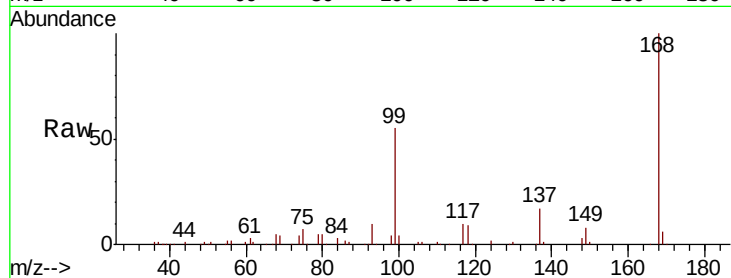




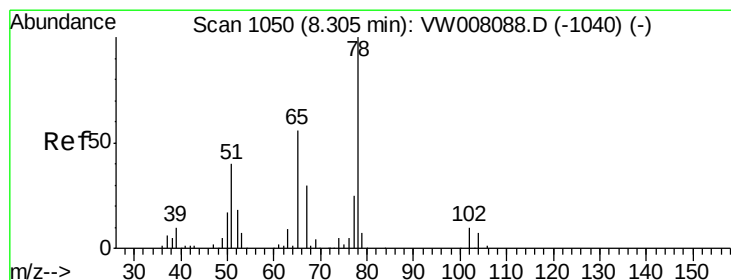
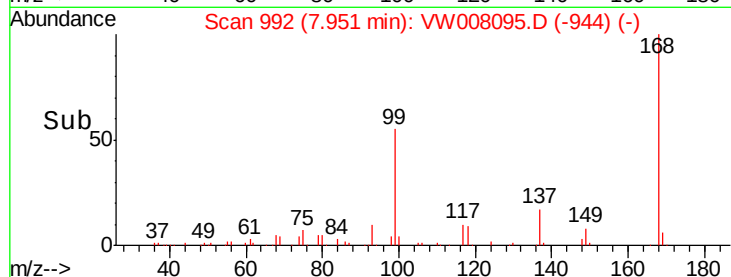
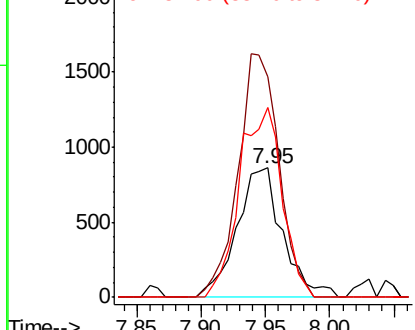
#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008095.D
Acq: 09 Jan 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBL01

Tgt Ion: 56 Resp: 2116
Ion Ratio Lower Upper
56 100
69 171.0 26.2 39.4#
84 146.9 67.4 101.2#

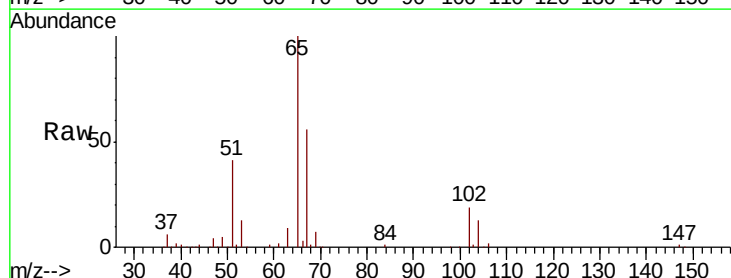


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

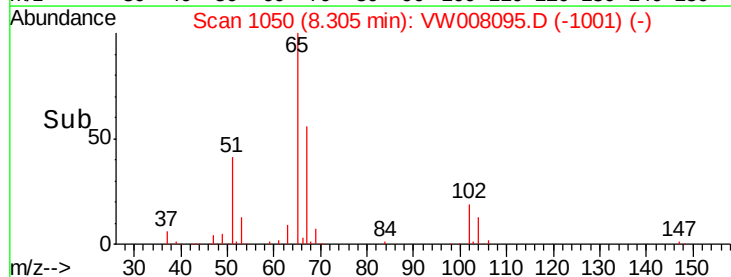
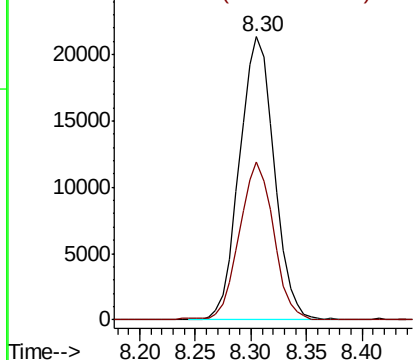


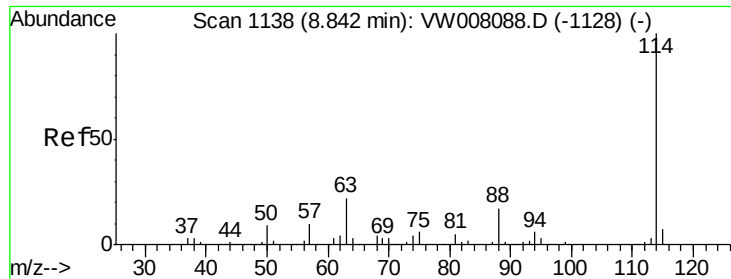
#33
1,2-Dichloroethane-d4
Concen: 50.308 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008095.D
Acq: 09 Jan 2019 11:36

Tgt Ion: 65 Resp: 46299
Ion Ratio Lower Upper
65 100
67 55.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

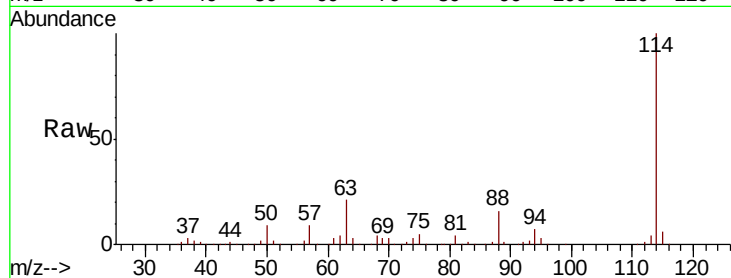




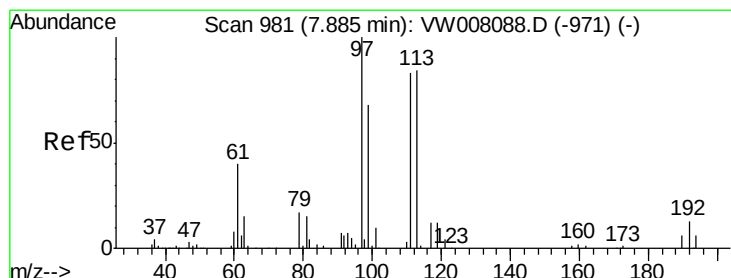
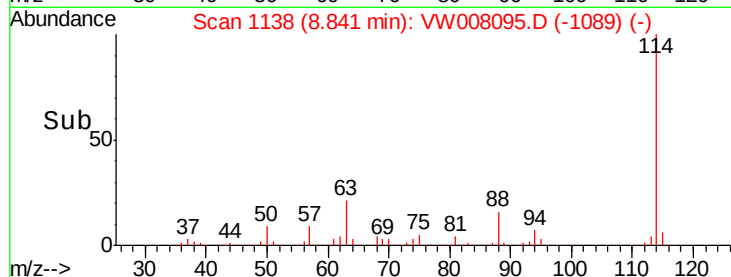
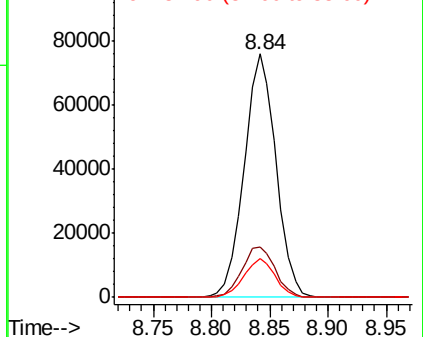
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008095.D
 Acq: 09 Jan 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBL01

Tgt Ion:114 Resp: 144316
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.4
 88 15.7 0.0 33.4

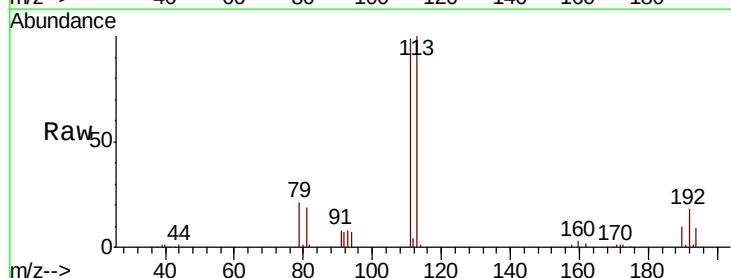


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

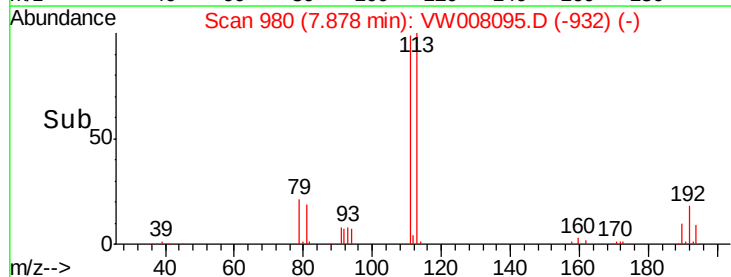
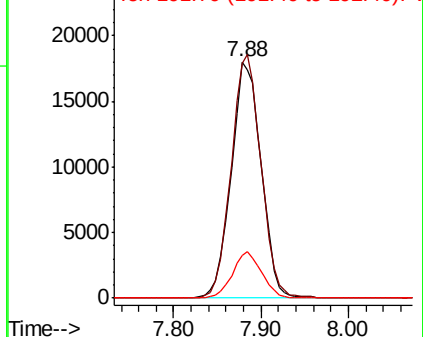


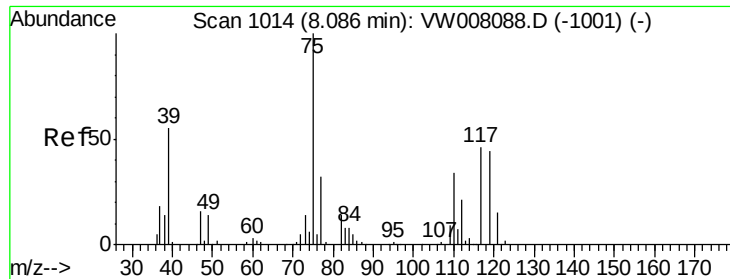
#35
 Dibromofluoromethane
 Concen: 50.829 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008095.D
 Acq: 09 Jan 2019 11:36

Tgt Ion:113 Resp: 42783
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.8
 192 19.0 12.8 19.2



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

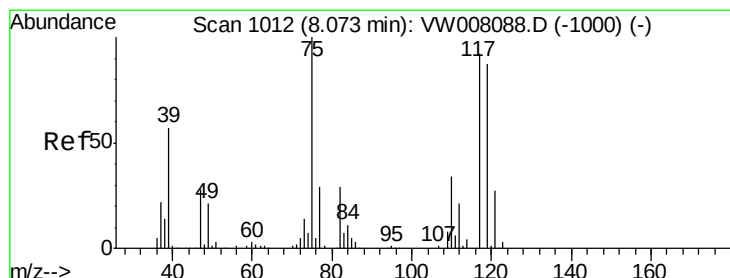
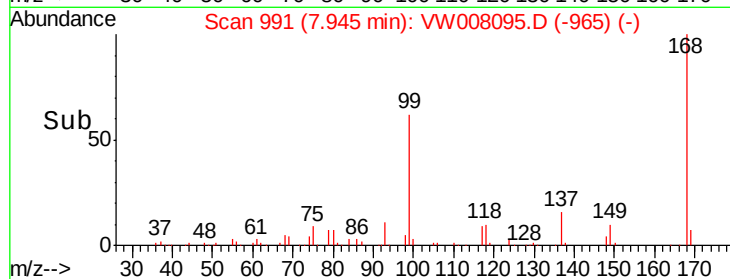
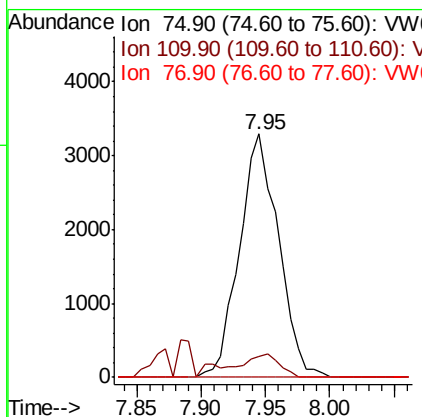
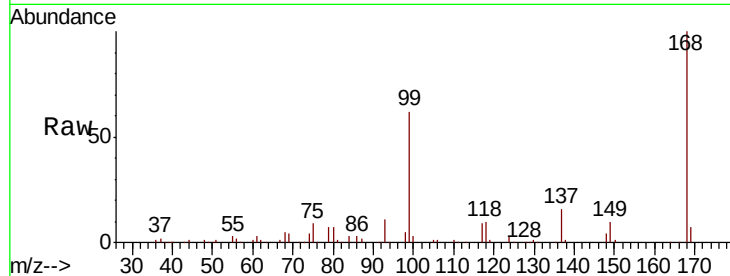




#36
 1,1-Dichloropropene
 Concen: 4.657 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008095.D
 Acq: 09 Jan 2019 11:36

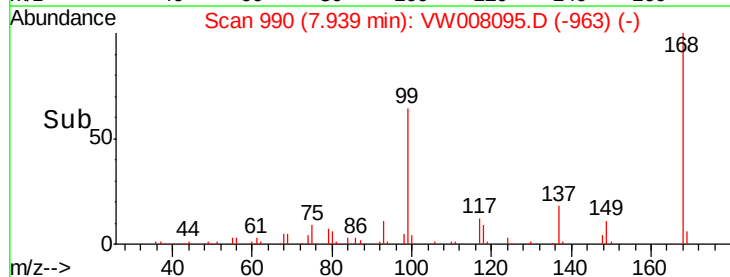
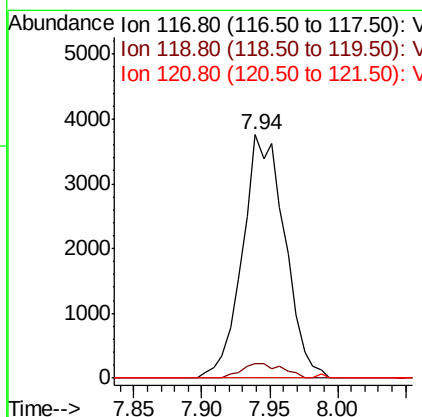
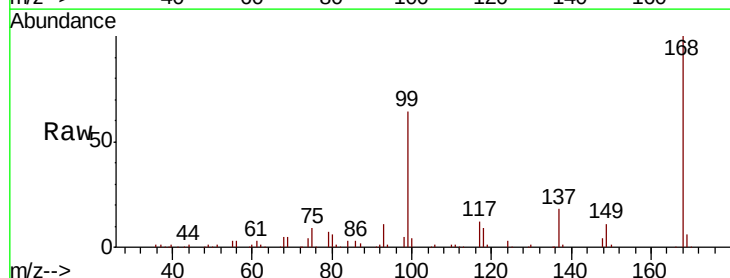
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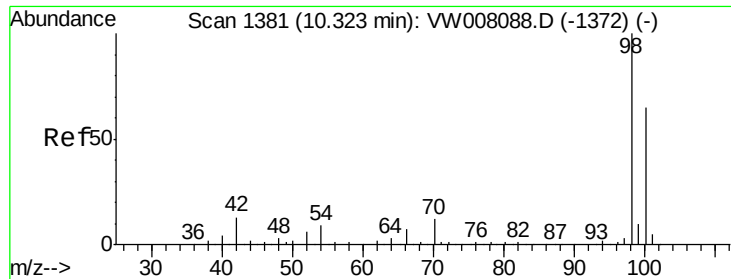
Tgt Ion: 75 Resp: 6923
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.1 51.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.024 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW008095.D
 Acq: 09 Jan 2019 11:36

Tgt Ion: 117 Resp: 8196
 Ion Ratio Lower Upper
 117 100
 119 5.9 75.8 113.8#
 121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 50.820 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008095.D

Acq: 09 Jan 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

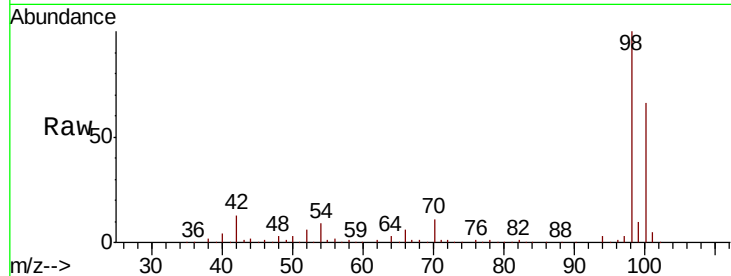
VW0109SBL01

Tgt Ion: 98 Resp: 179502

Ion Ratio Lower Upper

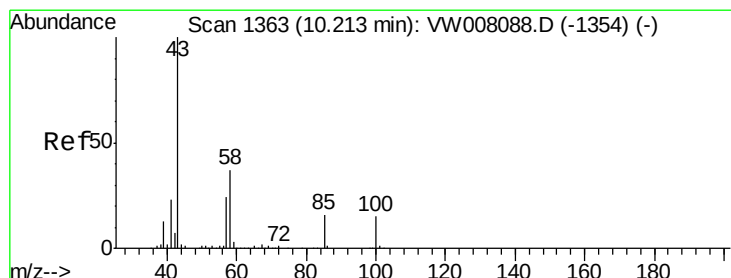
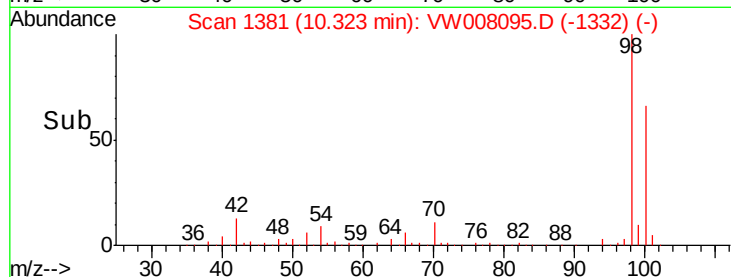
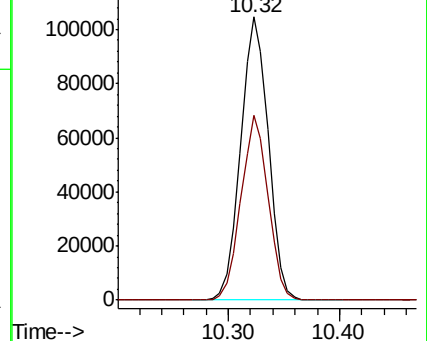
98 100

100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 2.911 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW008095.D

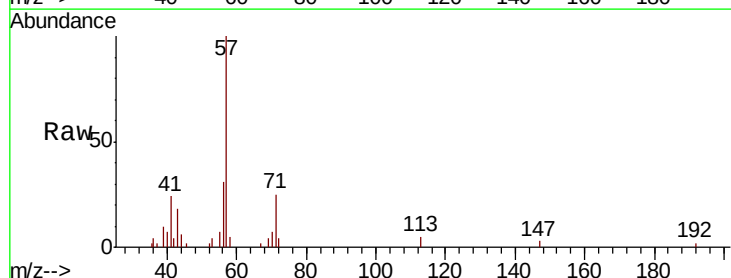
Acq: 09 Jan 2019 11:36

Tgt Ion: 43 Resp: 1678

Ion Ratio Lower Upper

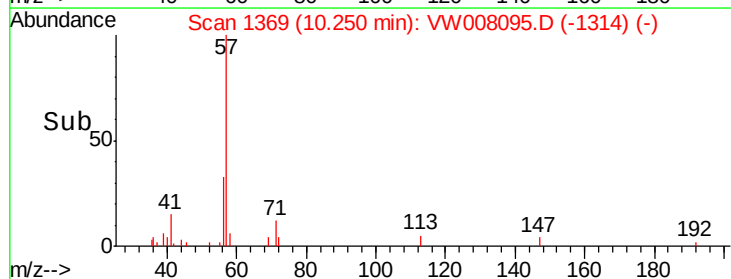
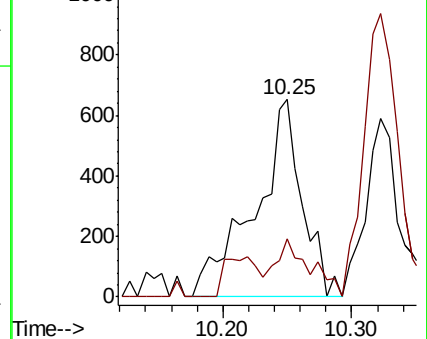
43 100

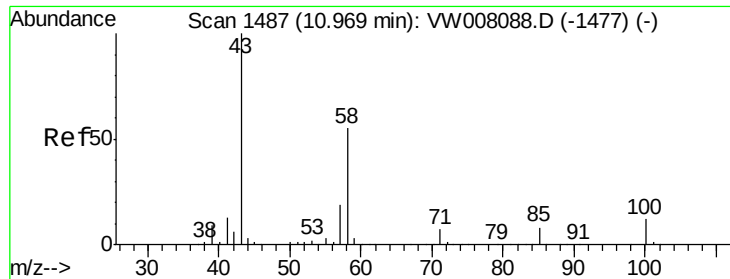
58 21.3 30.6 46.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

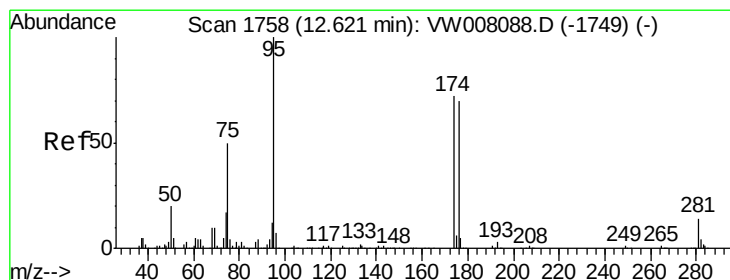
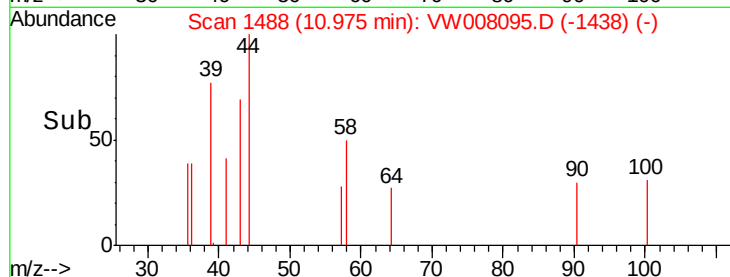
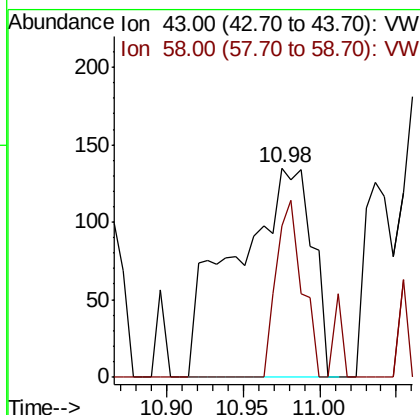
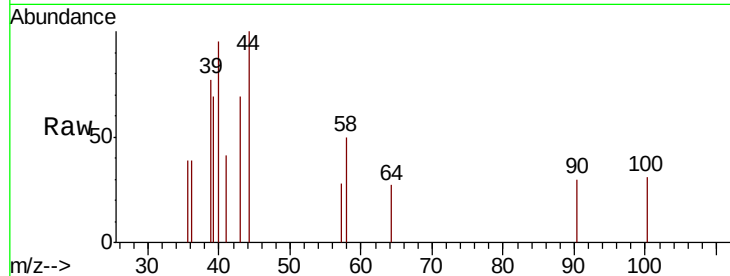




#59
2-Hexanone
Concen: 1.213 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW008095.D
Acq: 09 Jan 2019 11:36

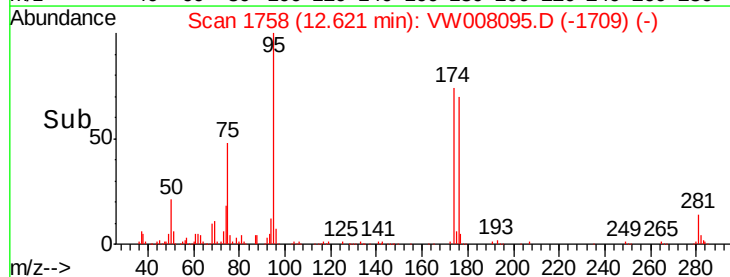
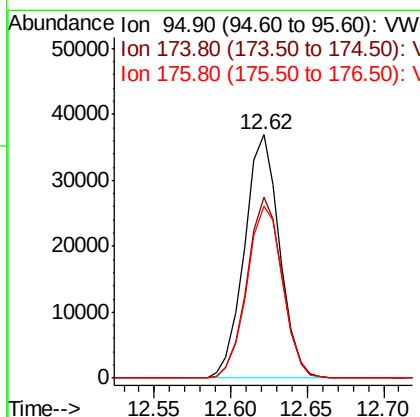
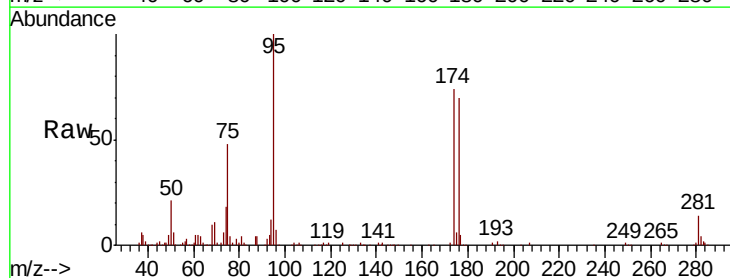
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBL01

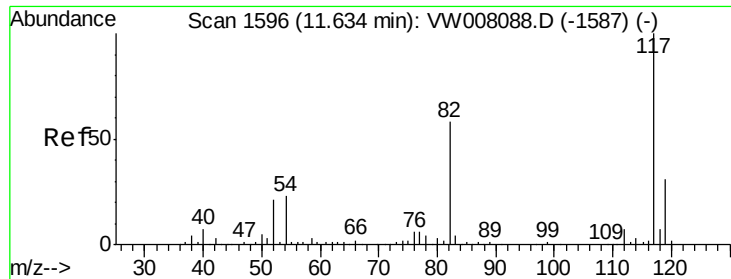
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 28.8 27.2 81.5



#62
4-Bromofluorobenzene
Concen: 46.411 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008095.D
Acq: 09 Jan 2019 11:36

Tgt Ion: 95 Resp: 58769
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.0
176 72.4 0.0 140.2

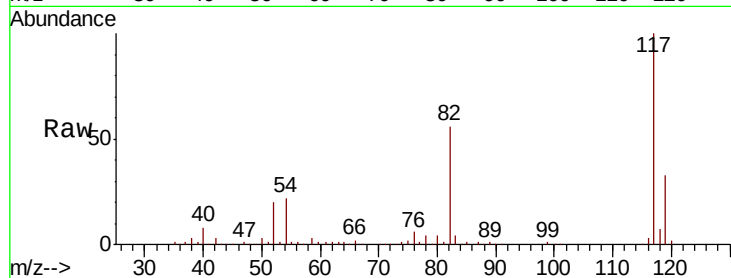




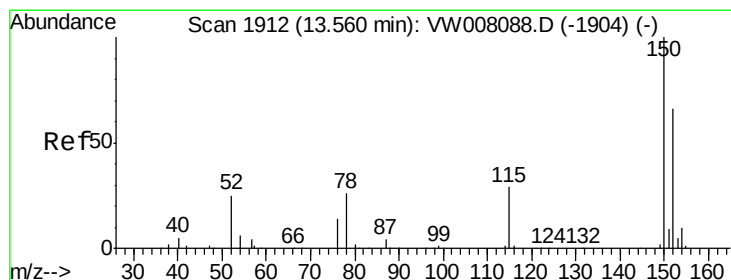
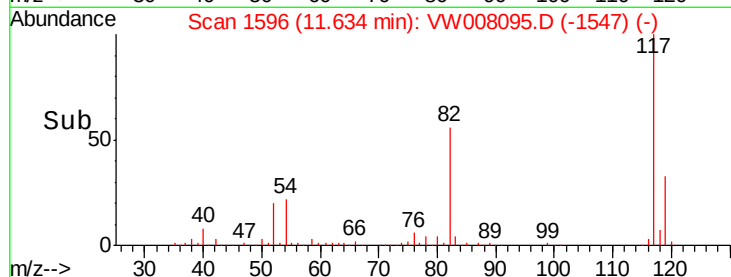
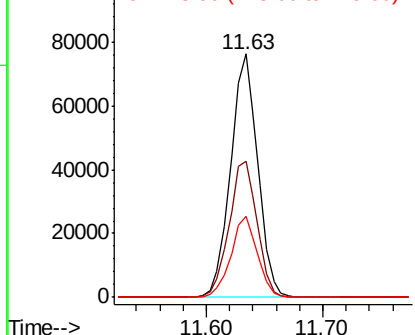
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008095.D
Acq: 09 Jan 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBL01

Tgt Ion:117 Resp: 123135
Ion Ratio Lower Upper
117 100
82 55.8 46.4 69.6
119 33.3 24.7 37.1

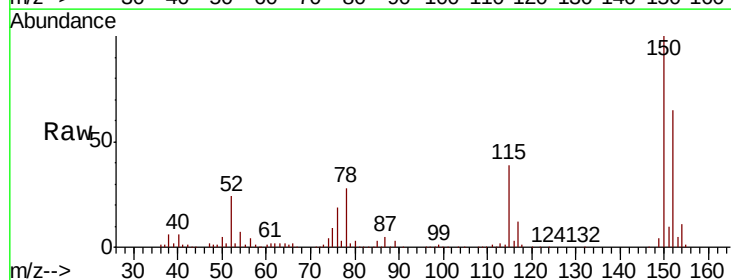


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

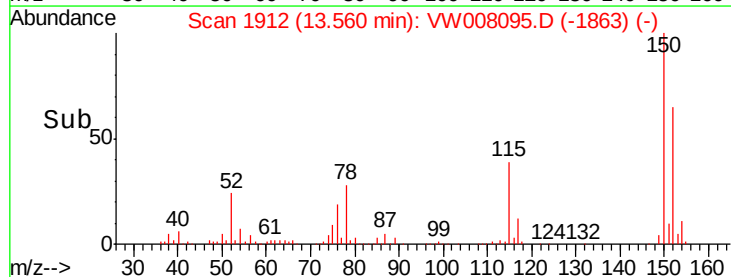
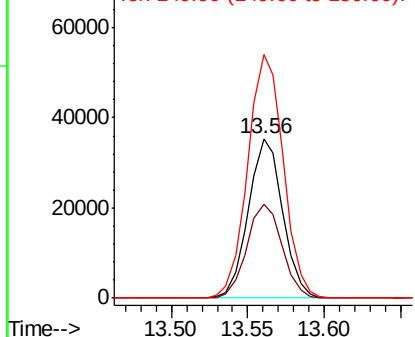


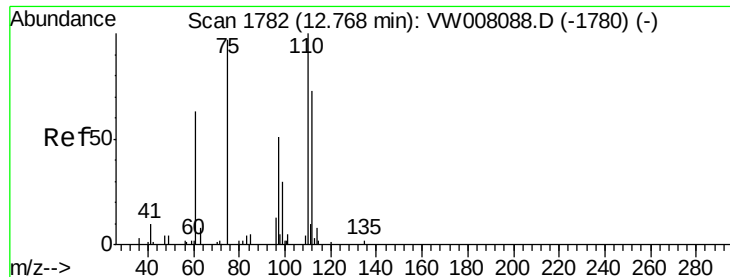
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008095.D
Acq: 09 Jan 2019 11:36

Tgt Ion:152 Resp: 55170
Ion Ratio Lower Upper
152 100
115 60.7 30.8 92.4
150 158.1 0.0 350.2



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: 59.161 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008095.D

Acq: 09 Jan 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

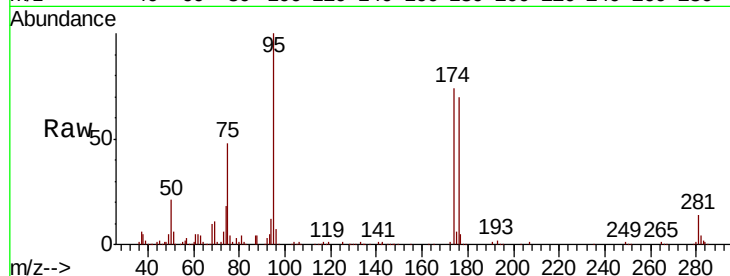
VW0109SBL01

Tgt Ion: 75 Resp: 29754

Ion Ratio Lower Upper

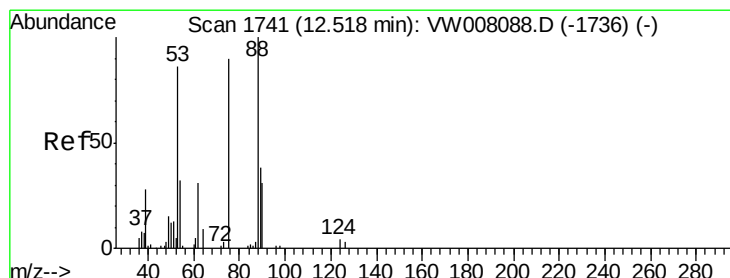
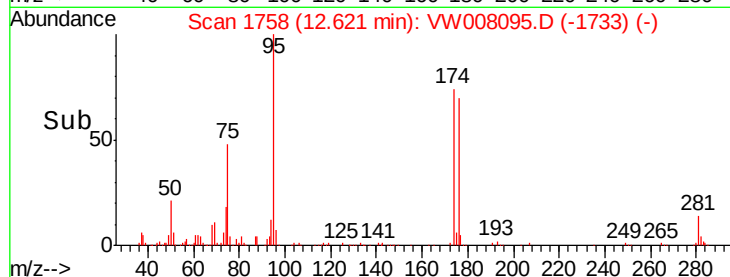
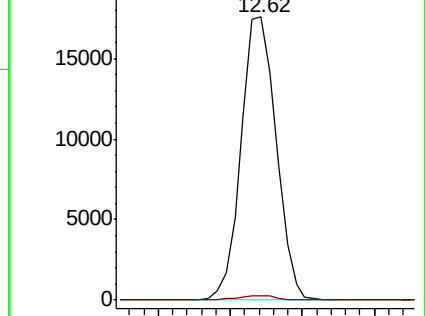
75 100

77 1.5 179.4 538.2#



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: 137.767 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008095.D

Acq: 09 Jan 2019 11:36

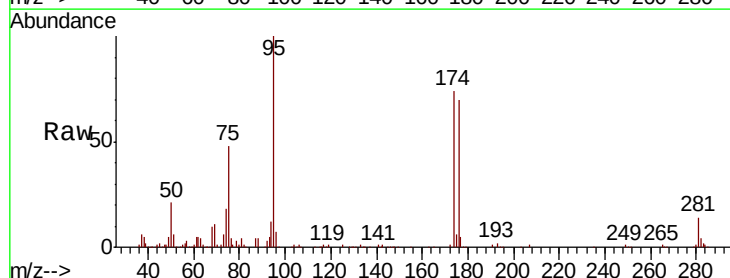
Tgt Ion: 75 Resp: 29754

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.1 35.4 53.2#



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

