

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011419\
 Data File : VW008264.D
 Acq On : 15 Jan 2019 00:59
 Operator : SY/VA
 Sample : VW0114SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBL02

Quant Time: Jan 15 10:59:35 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	80774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60365	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	49050	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
35) Dibromofluoromethane	7.88	113	47178	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
50) Toluene-d8	10.32	98	192282	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.62	95	63073	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	

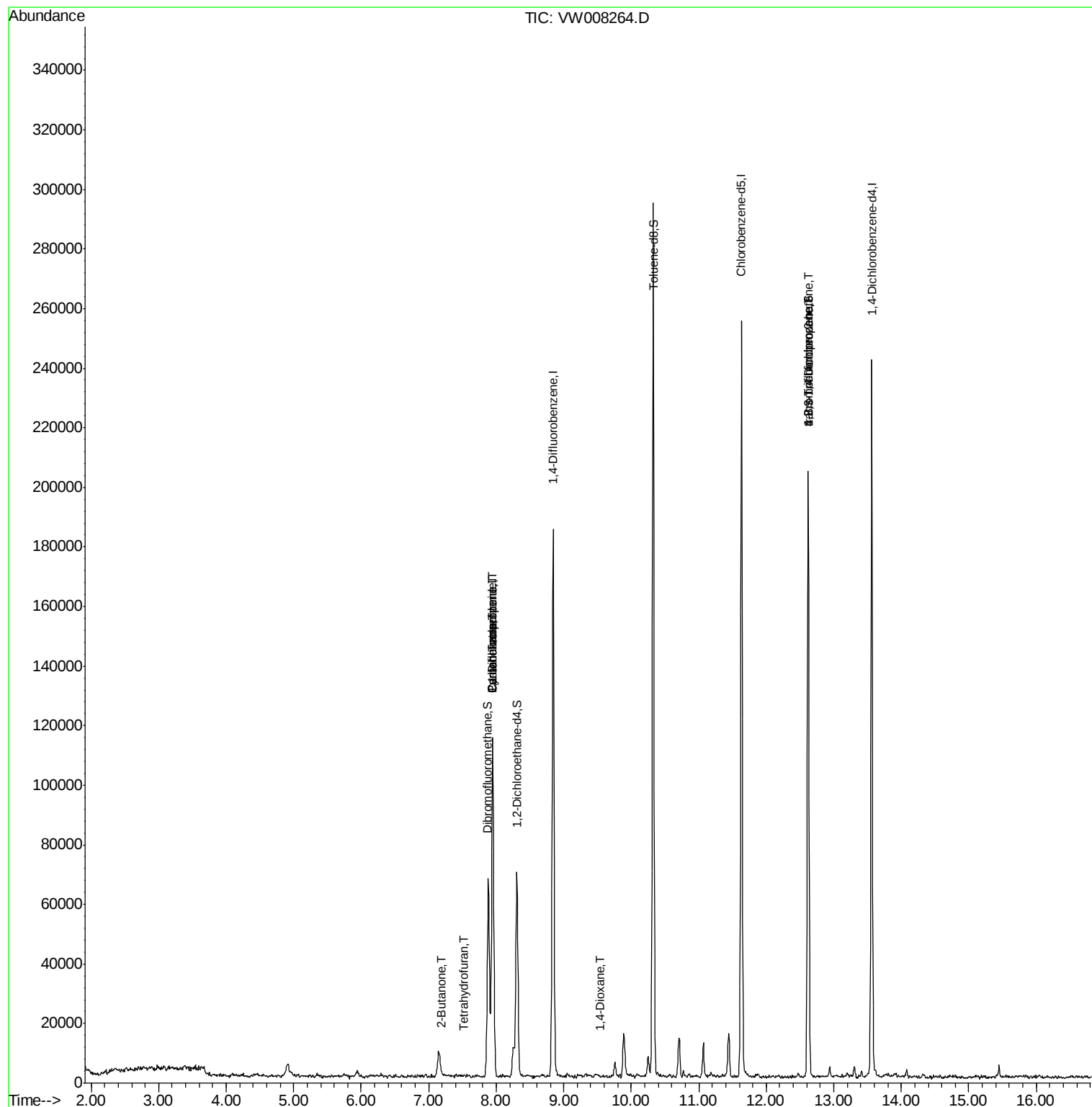
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	241	Below Cal	#	100
13) Acrolein	3.90	56	72	Below Cal	#	1
16) Acetone	4.15	43	1255	Below Cal		90
20) Methylene Chloride	4.91	84	3284	Below Cal	#	77
25) 2-Butanone	7.20	43	286	1.132	ug/l #	49
29) Tetrahydrofuran	7.52	42	232	1.375	ug/l #	56
31) Cyclohexane	7.95	56	2217	1.160	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	7515	4.926	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8578	6.144	ug/l #	18
49) 1,4-Dioxane	9.53	88	43	5.307	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	31068	56.457	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	31068	131.472	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: VW008264.D

Acq: 15 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

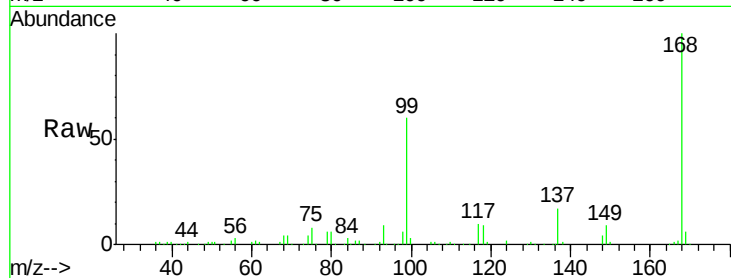
VW0114SBL02

Tgt Ion: 168 Resp: 80774

Ion Ratio Lower Upper

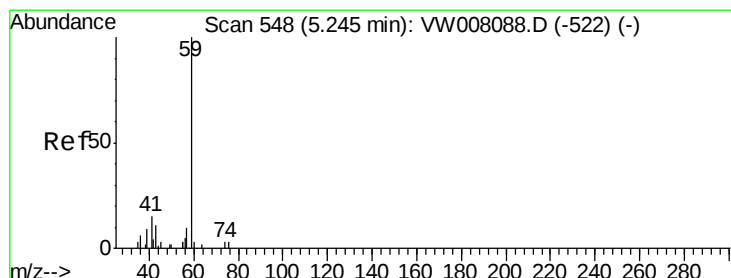
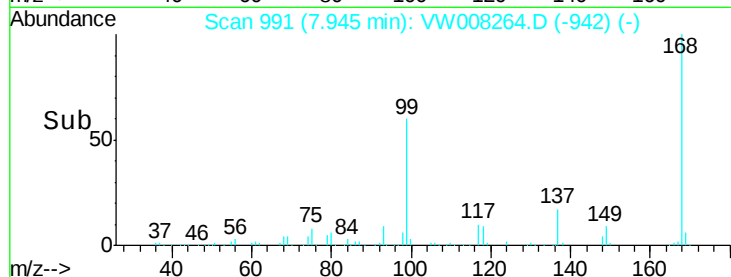
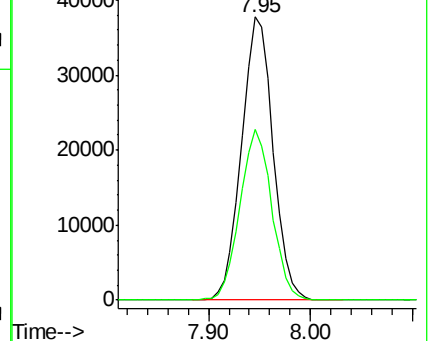
168 100

99 60.2 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW008264.D

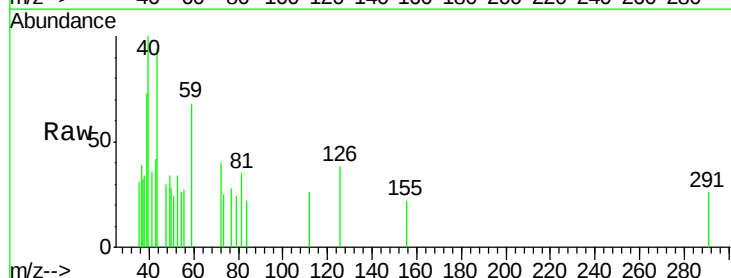
Acq: 15 Jan 2019 00:59

Tgt Ion: 59 Resp: 241

Ion Ratio Lower Upper

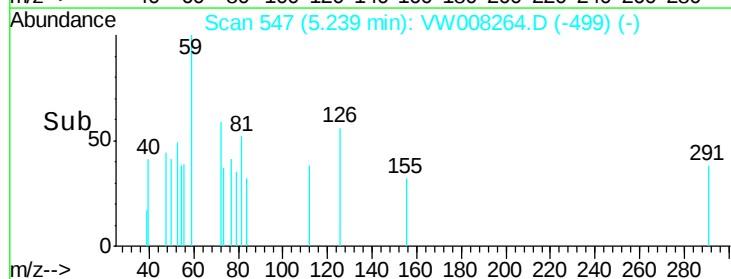
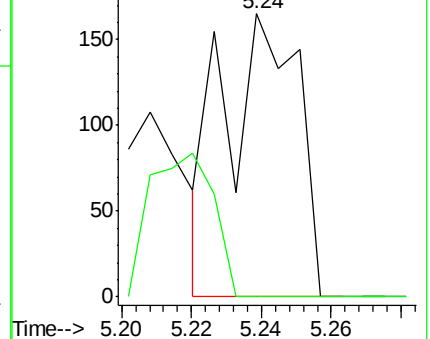
59 100

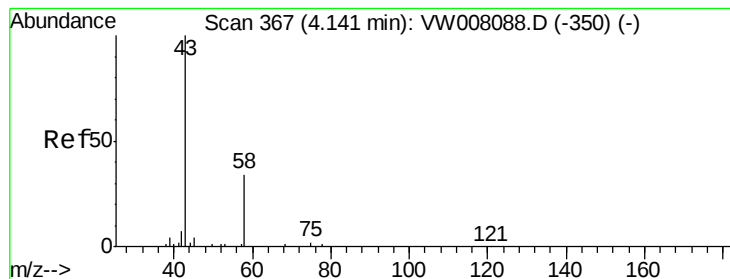
57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW008264.D

Acq: 15 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

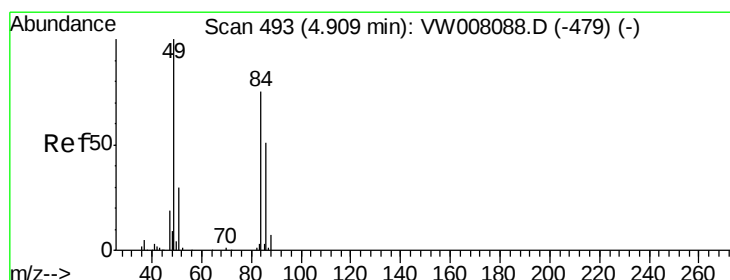
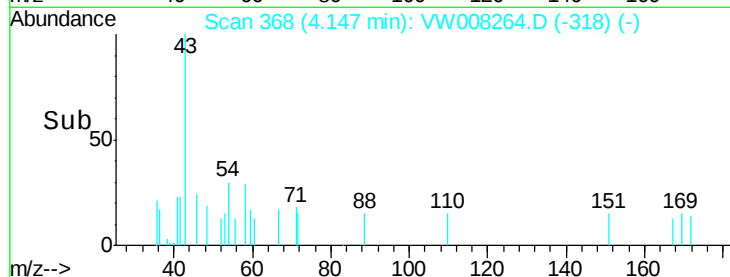
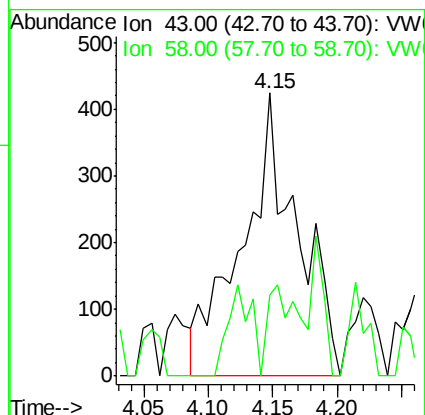
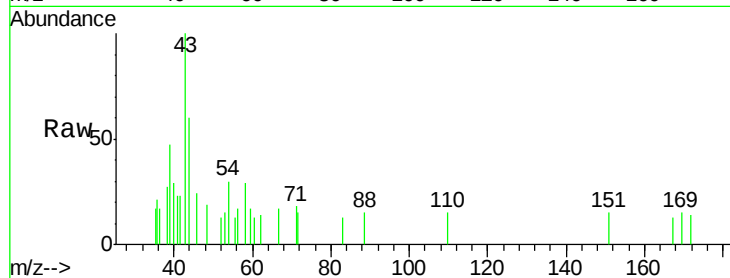
VW0114SBL02

Tgt Ion: 43 Resp: 1255

Ion Ratio Lower Upper

43 100

58 28.5 27.5 41.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008264.D

Acq: 15 Jan 2019 00:59

Tgt Ion: 84 Resp: 3284

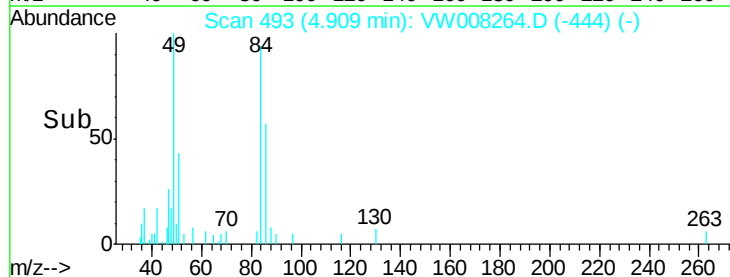
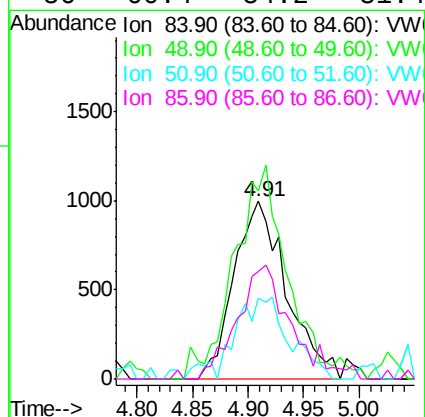
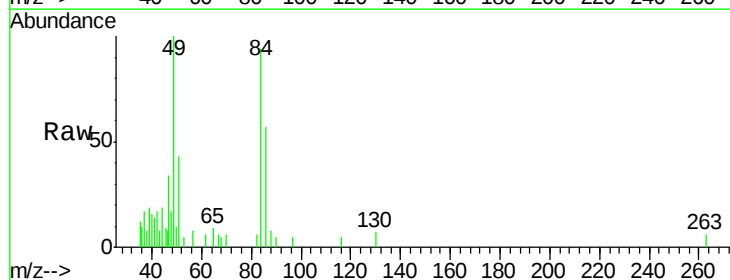
Ion Ratio Lower Upper

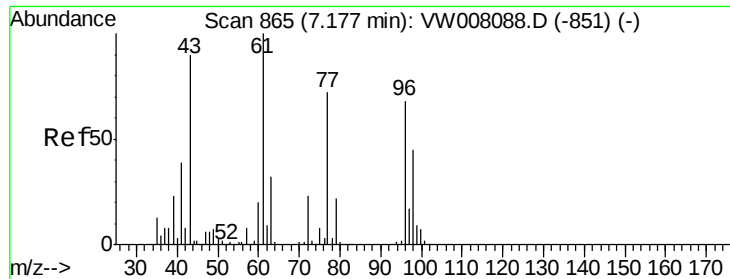
84 100

49 93.7 107.1 160.7#

51 45.6 32.4 48.6

86 60.4 54.2 81.4





#25

2-Butanone

Concen: 1.132 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.02 min

Lab File: VW008264.D

Acq: 15 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

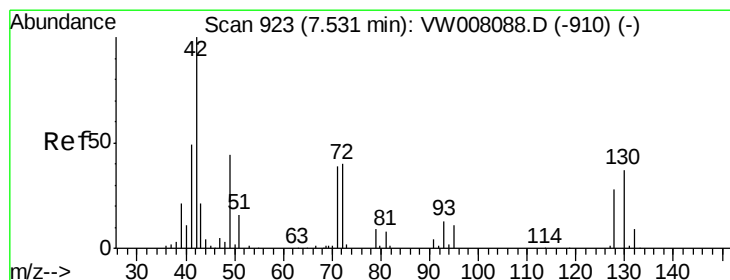
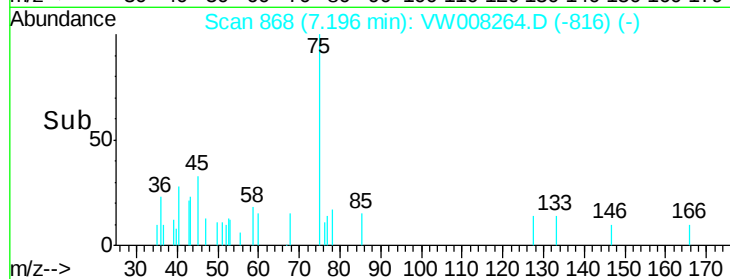
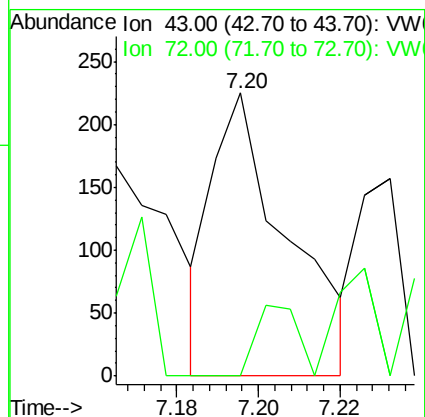
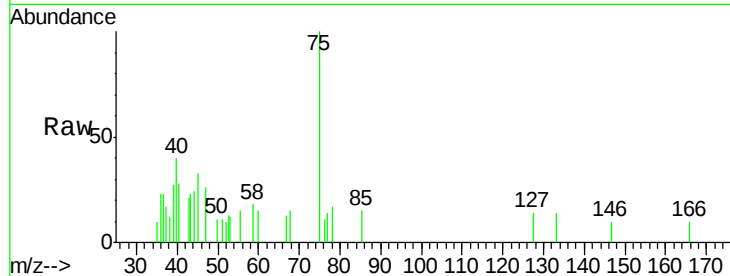
VW0114SBL02

Tgt Ion: 43 Resp: 286

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#29

Tetrahydrofuran

Concen: 1.375 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW008264.D

Acq: 15 Jan 2019 00:59

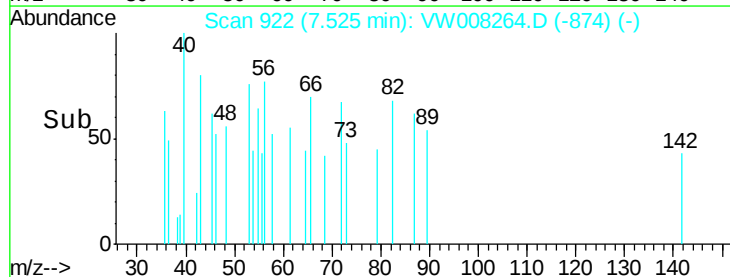
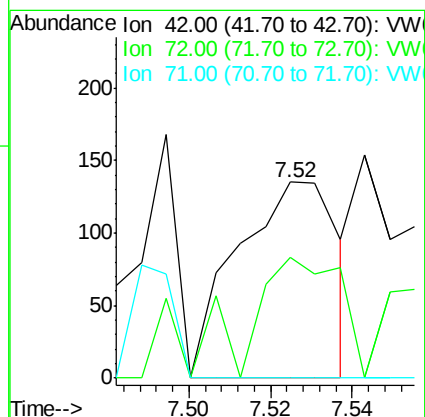
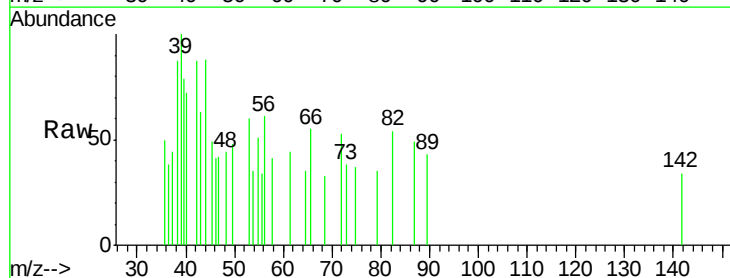
Tgt Ion: 42 Resp: 232

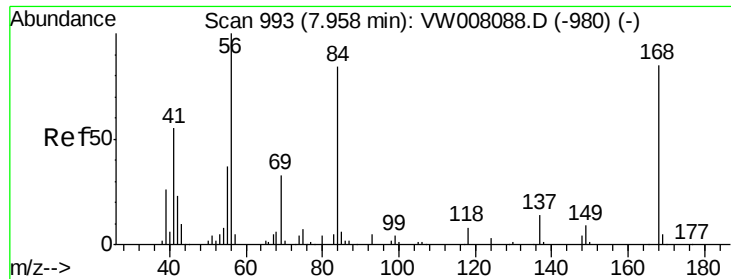
Ion Ratio Lower Upper

42 100

72 55.6 32.4 48.6#

71 0.0 31.3 46.9#

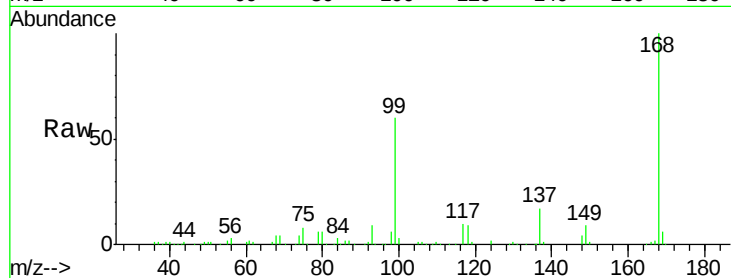




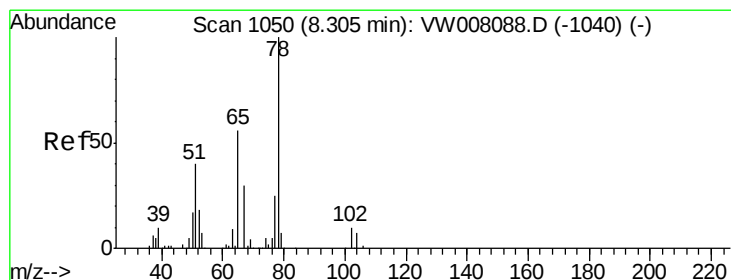
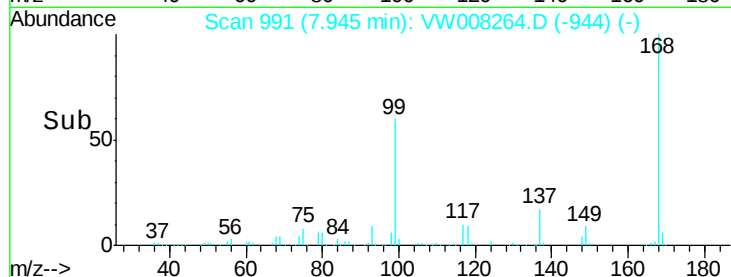
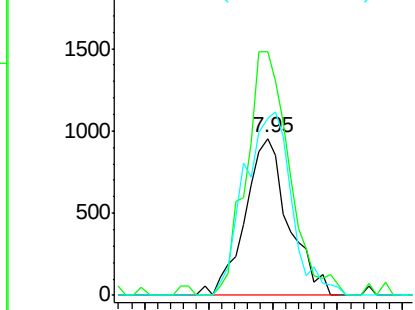
#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008264.D
Acq: 15 Jan 2019 00:59

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBL02

Tgt Ion: 56 Resp: 2217
Ion Ratio Lower Upper
56 100
69 149.4 26.2 39.4#
84 121.7 67.4 101.2#

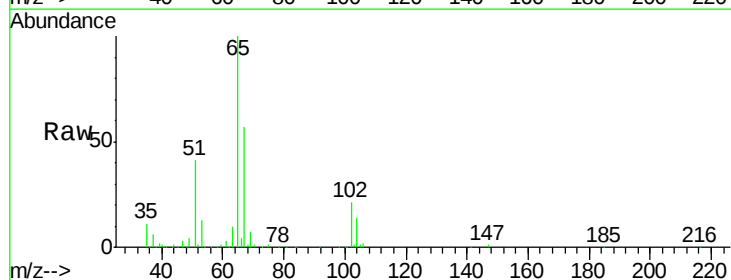


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

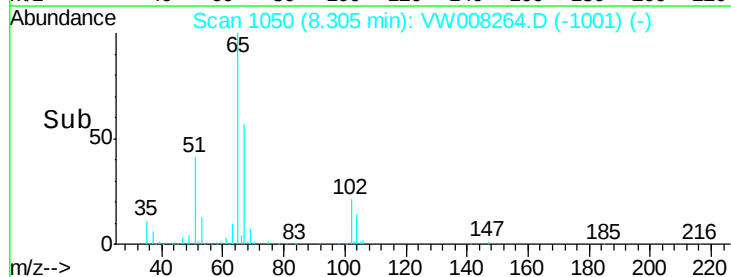
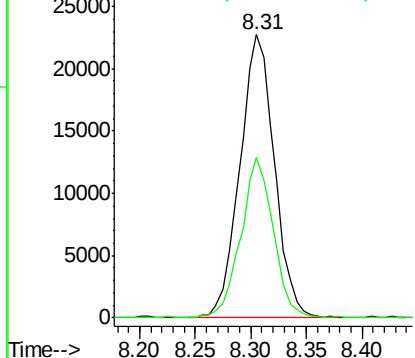


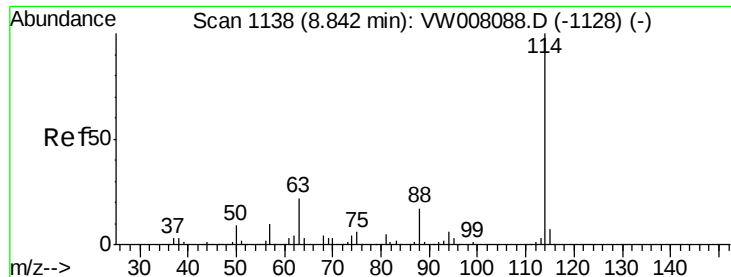
#33
1,2-Dichloroethane-d4
Concen: 54.030 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008264.D
Acq: 15 Jan 2019 00:59

Tgt Ion: 65 Resp: 49050
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.8



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

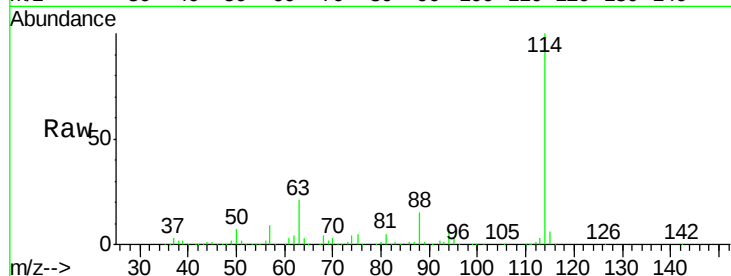




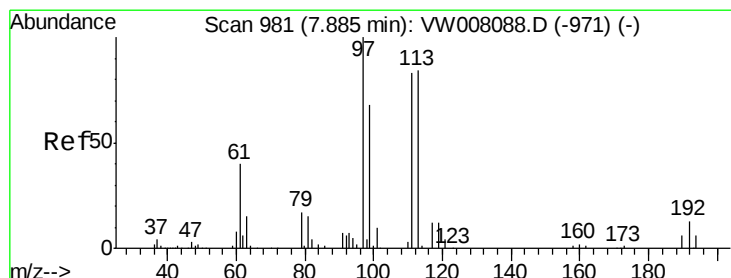
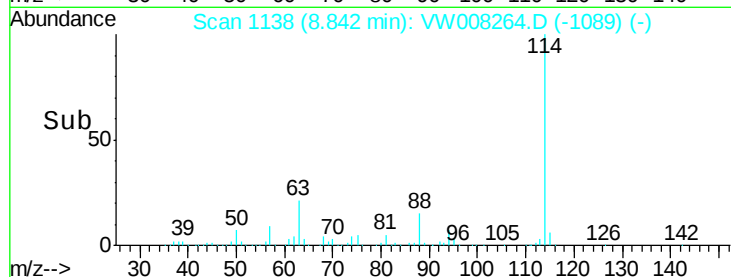
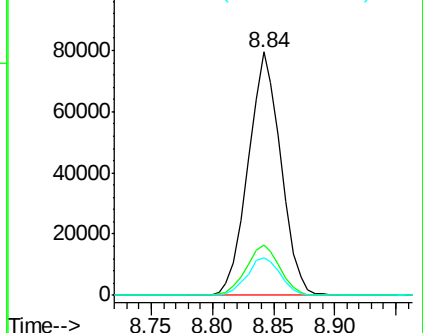
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008264.D
 Acq: 15 Jan 2019 00:59

Instrument :
 MSVOA_W
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 VW0114SBL02

Tgt Ion:114 Resp: 148085
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.4
 88 15.3 0.0 33.4

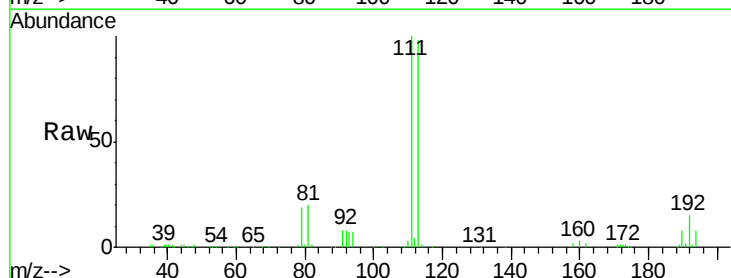


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

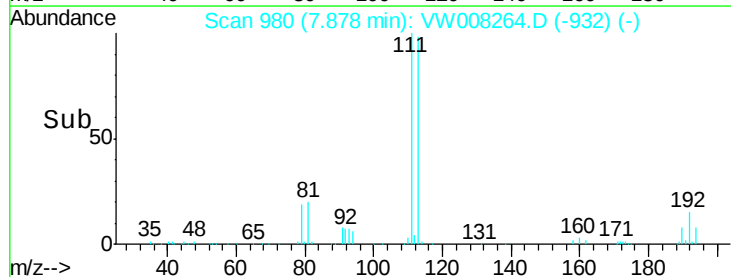
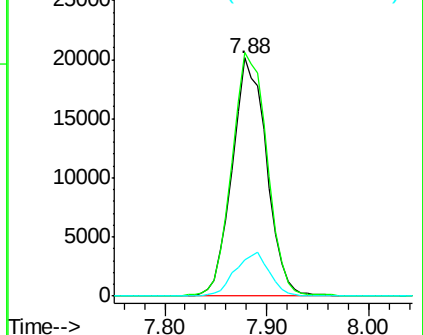


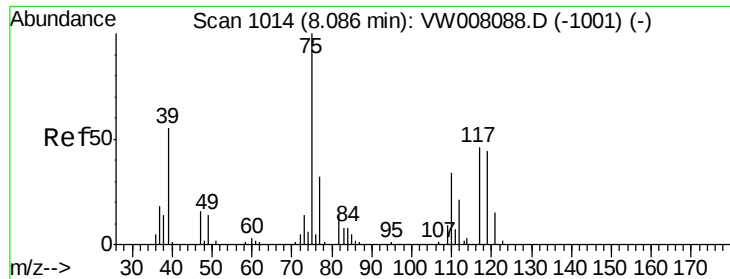
#35
 Dibromofluoromethane
 Concen: 54.624 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008264.D
 Acq: 15 Jan 2019 00:59

Tgt Ion:113 Resp: 47178
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.8 122.8
 192 18.2 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

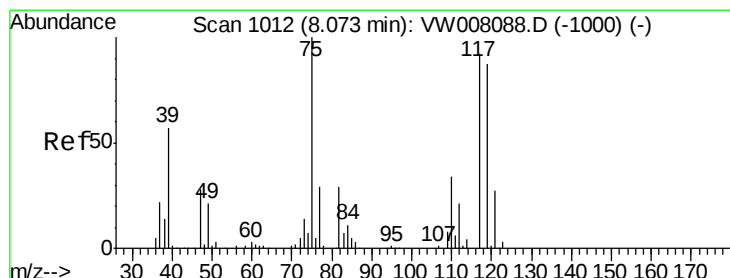
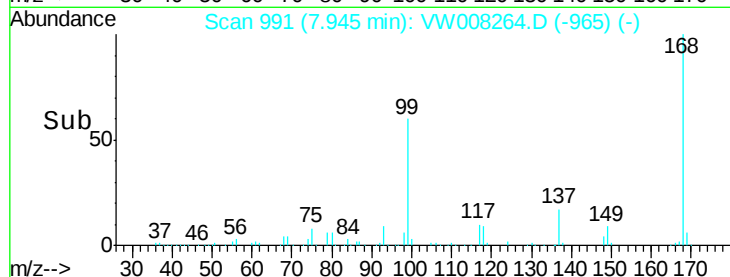
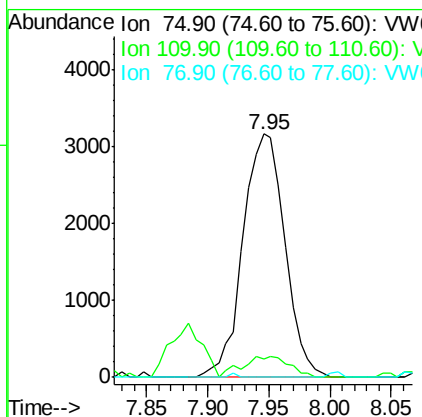
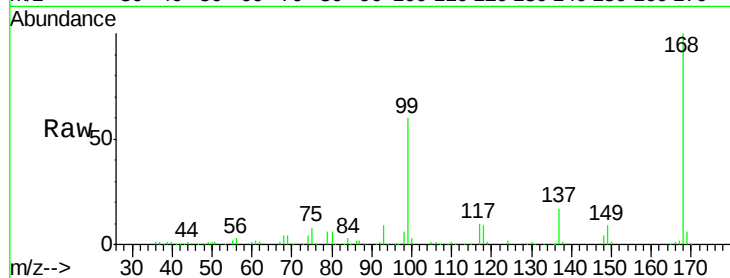




#36
 1,1-Dichloropropene
 Concen: 4.926 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008264.D
 Acq: 15 Jan 2019 00:59

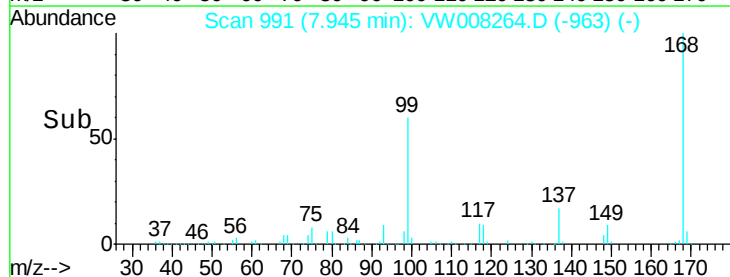
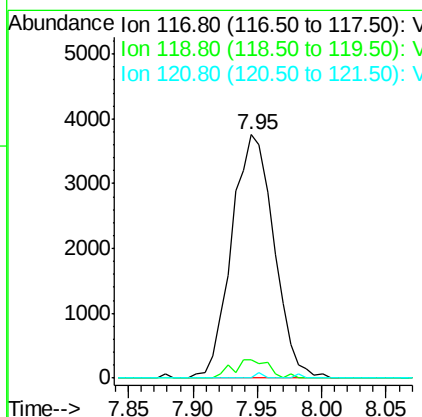
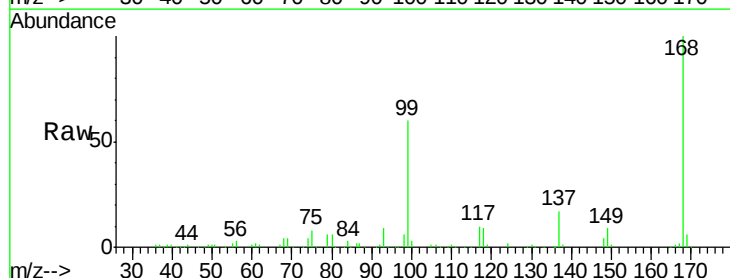
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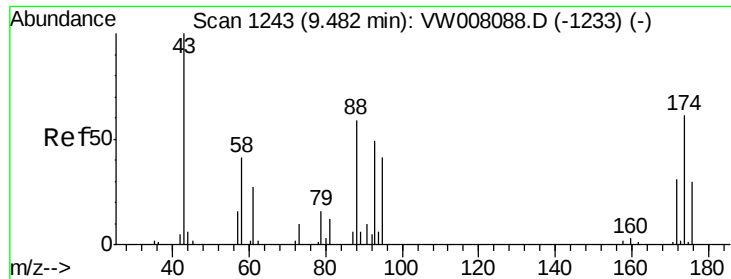
Tgt Ion: 75 Resp: 7515
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.1 51.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.144 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008264.D
 Acq: 15 Jan 2019 00:59

Tgt Ion: 117 Resp: 8578
 Ion Ratio Lower Upper
 117 100
 119 7.3 75.8 113.8#
 121 0.0 23.7 35.5#

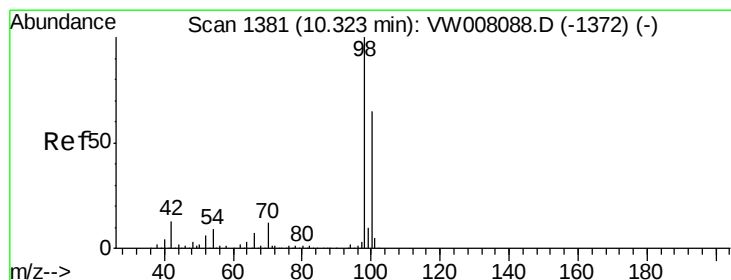
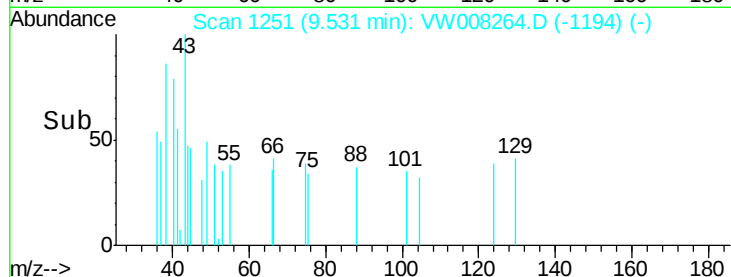
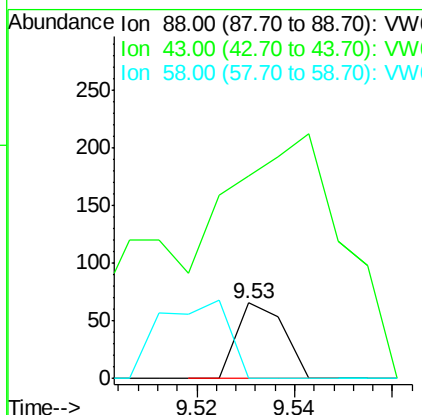
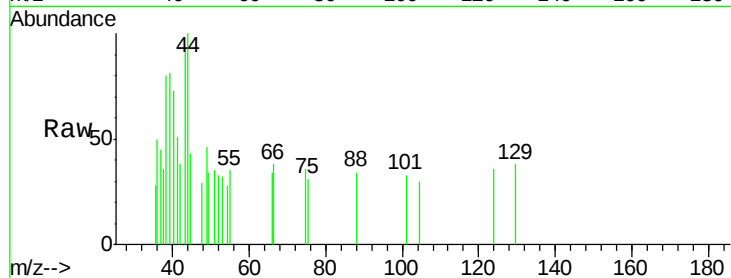




#49
 1,4-Dioxane
 Concen: 5.307 ug/l
 RT: 9.53 min Scan# 1251
 Delta R.T. 0.05 min
 Lab File: VW008264.D
 Acq: 15 Jan 2019 00:59

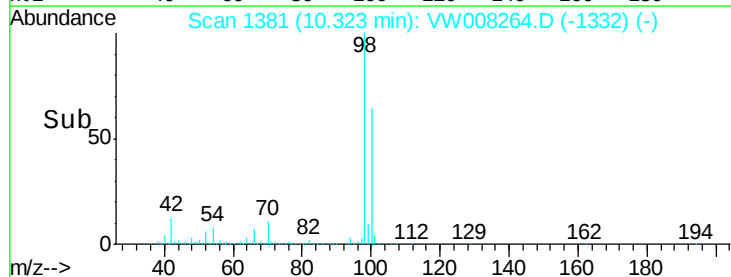
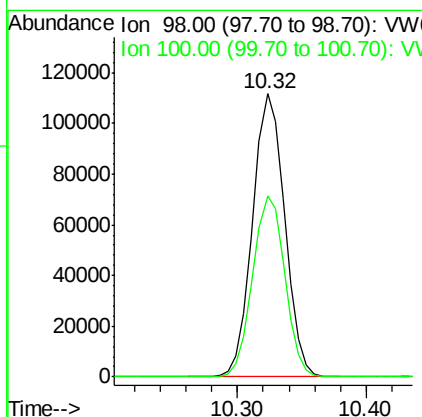
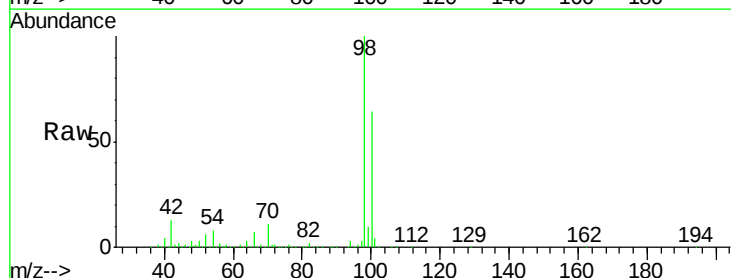
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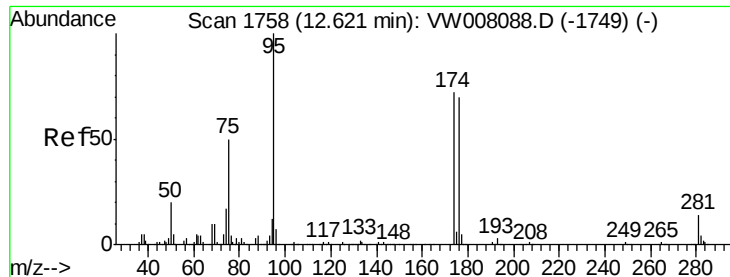
Tgt Ion: 88 Resp: 43
 Ion Ratio Lower Upper
 88 100
 43 890.7 0.0 0.0#
 58 151.2 61.7 92.5#



#50
 Toluene-d8
 Concen: 53.052 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008264.D
 Acq: 15 Jan 2019 00:59

Tgt Ion: 98 Resp: 192282
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.7 77.5

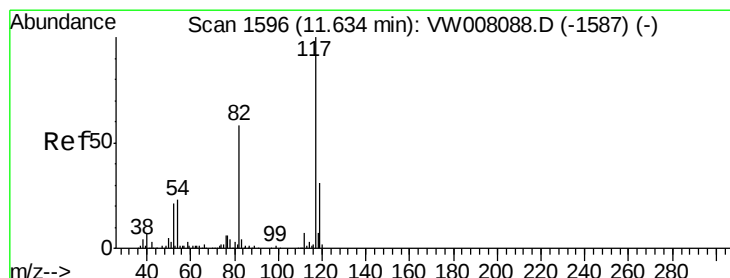
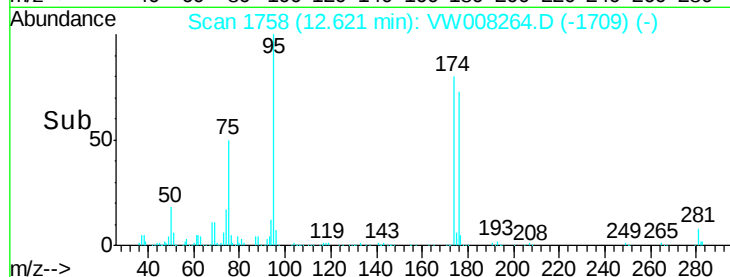
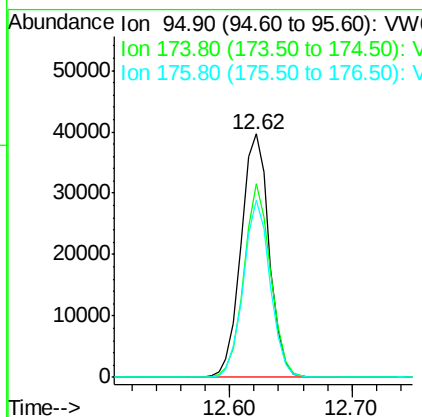
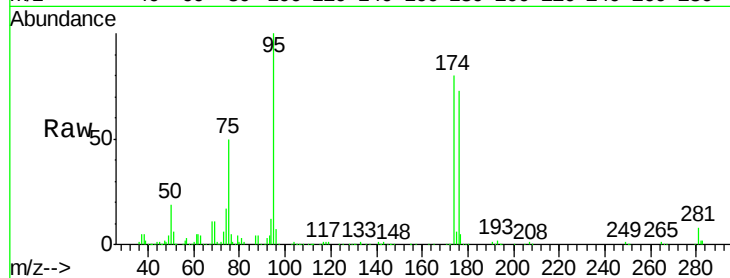




#62
4-Bromofluorobenzene
Concen: 48.543 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008264.D
Acq: 15 Jan 2019 00:59

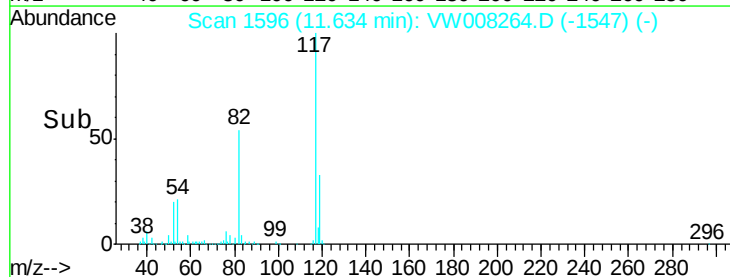
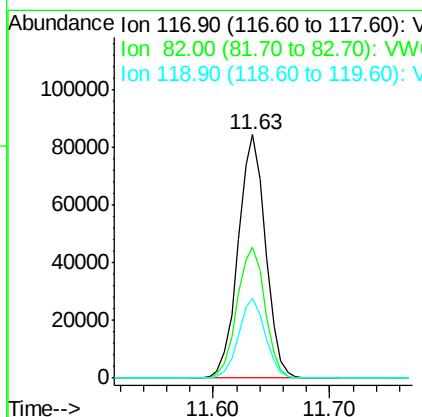
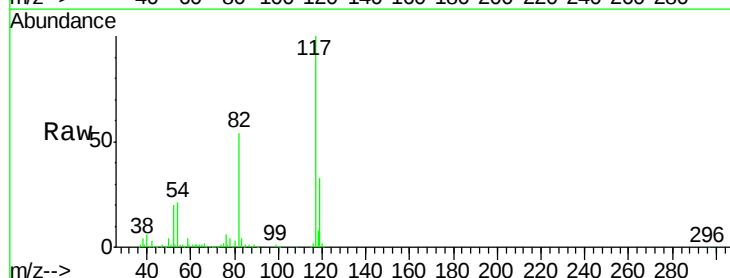
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBL02

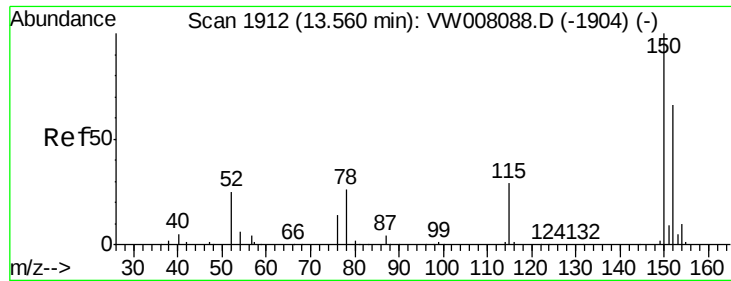
Tgt Ion: 95 Resp: 63073
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.0
176 69.6 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008264.D
Acq: 15 Jan 2019 00:59

Tgt Ion: 117 Resp: 138351
Ion Ratio Lower Upper
117 100
82 53.8 46.4 69.6
119 32.8 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008264.D

Acq: 15 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBL02

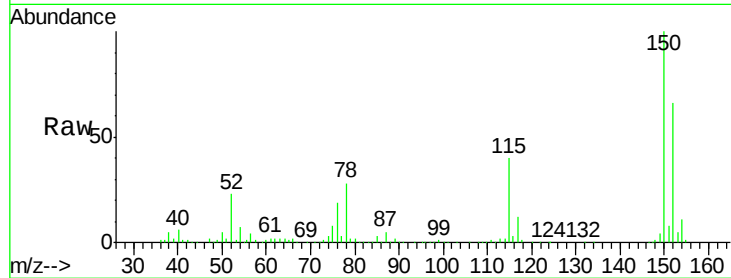
Tgt Ion:152 Resp: 60365

Ion Ratio Lower Upper

152 100

115 61.6 30.8 92.4

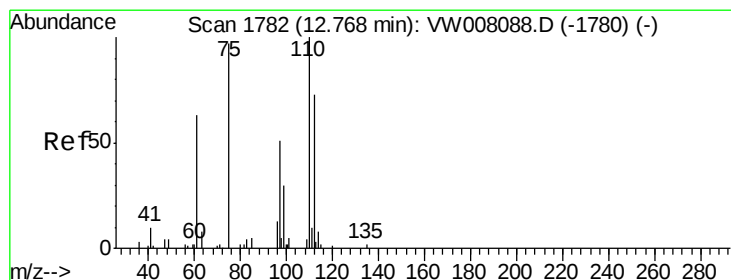
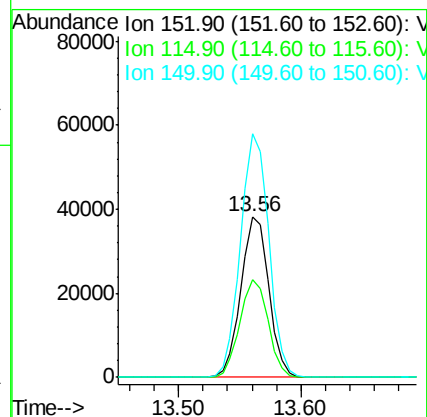
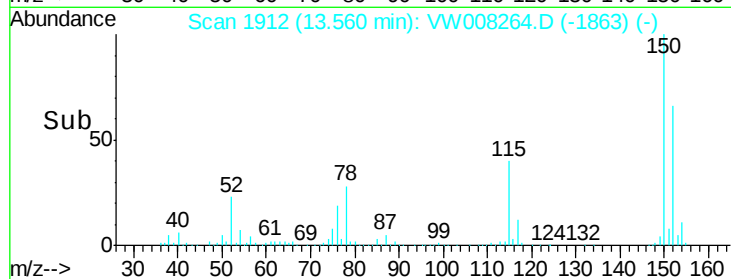
150 153.7 0.0 350.2



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: 56.457 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008264.D

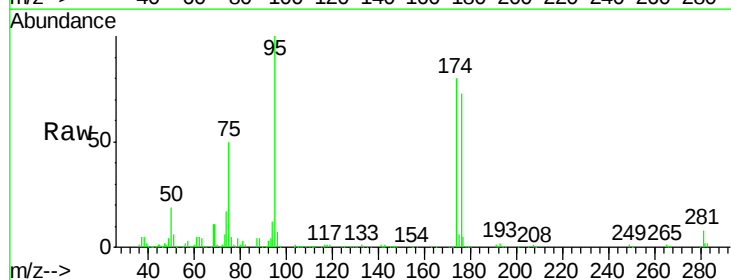
Acq: 15 Jan 2019 00:59

Tgt Ion: 75 Resp: 31068

Ion Ratio Lower Upper

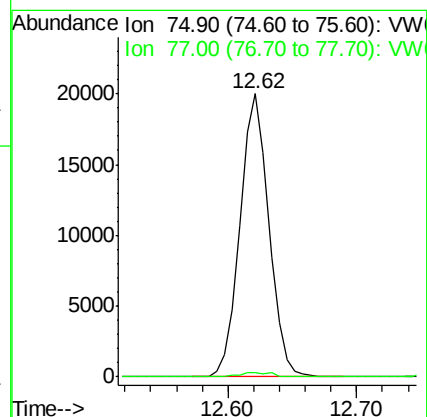
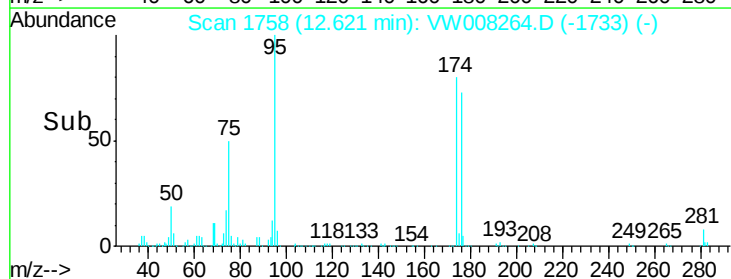
75 100

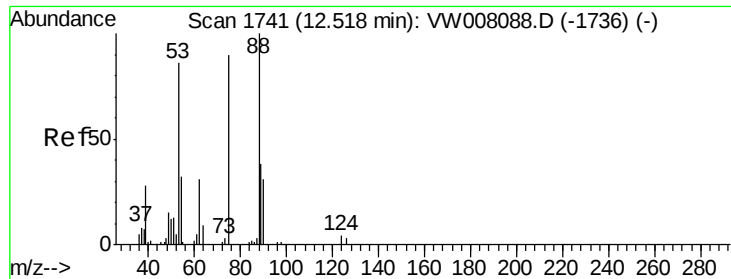
77 1.6 179.4 538.2#



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: 131.472 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008264.D

Acq: 15 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBL02

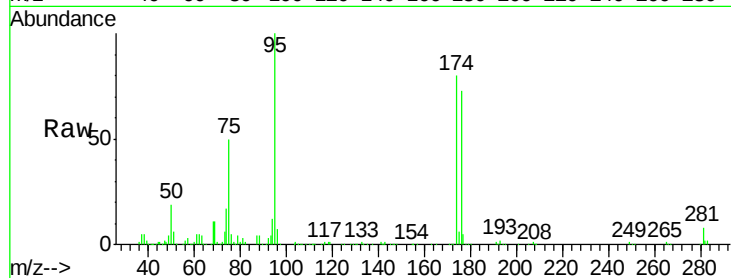
Tgt Ion: 75 Resp: 31068

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.2 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

