

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011419\
 Data File : VW008274.D
 Acq On : 15 Jan 2019 05:24
 Operator : SY/VA
 Sample : K1007-01RE
 Misc : 4.45G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-011419

Quant Time: Jan 15 11:02:42 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	59998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	113119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53451	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	42908	63.63	ug/l	0.00
Spiked Amount			Recovery	=	127.26%	
35) Dibromofluoromethane	7.88	113	38985	56.12	ug/l	0.00
Spiked Amount			Recovery	=	112.24%	
50) Toluene-d8	10.32	98	161210	55.30	ug/l	0.00
Spiked Amount			Recovery	=	110.60%	
62) 4-Bromofluorobenzene	12.62	95	53144	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	

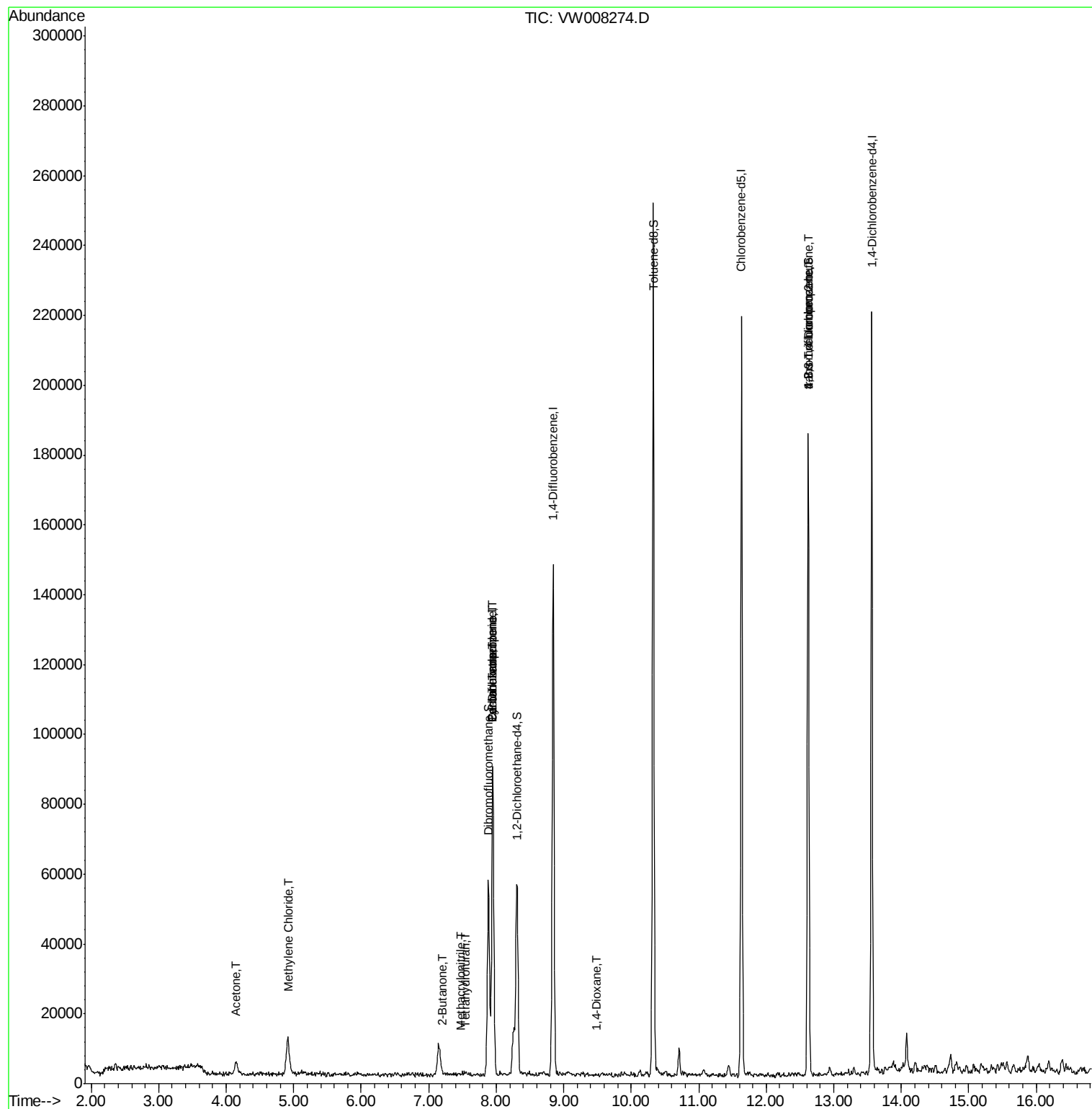
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.26	59	114	Below Cal	#	100
16) Acetone	4.14	43	6348	34.108	ug/l	98
20) Methylene Chloride	4.92	84	8224	8.385	ug/l	98
25) 2-Butanone	7.20	43	204	1.087	ug/l #	49
29) Tetrahydrofuran	7.54	42	807	6.439	ug/l #	89
31) Cyclohexane	7.95	56	1690	1.191	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6041	4.923	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7175	6.389	ug/l #	17
41) Methacrylonitrile	7.48	41	359	1.156	ug/l #	22
49) 1,4-Dioxane	9.49	88	40	6.137	ug/l #	71
76) 1,2,3-Trichloropropane	12.62	75	27672	56.791	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	27672	132.248	ug/l #	11

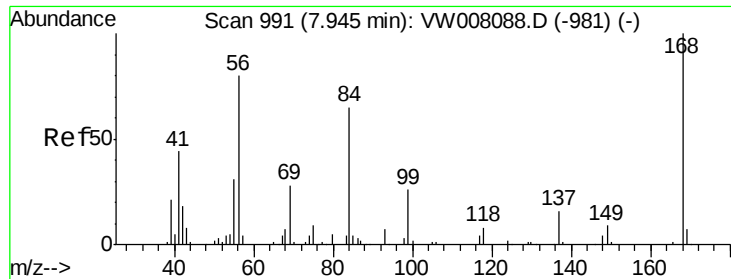
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008274.D

Acq: 15 Jan 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

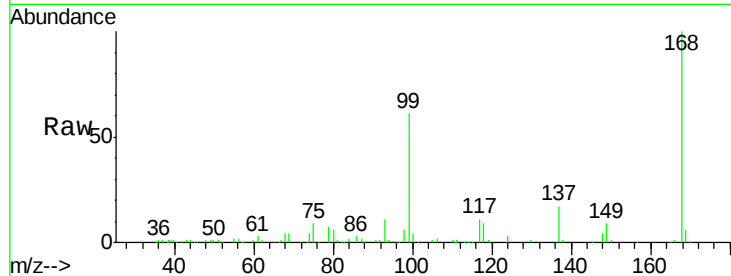
NB-07-011419

Tgt Ion:168 Resp: 59998

Ion Ratio Lower Upper

168 100

99 61.2 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

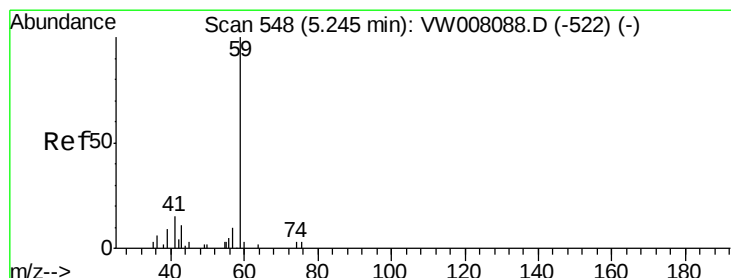
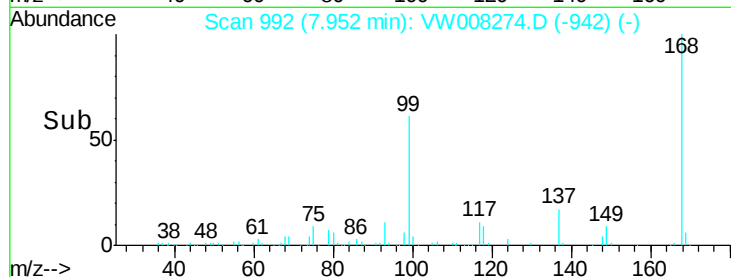
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 551

Delta R.T. 0.02 min

Lab File: VW008274.D

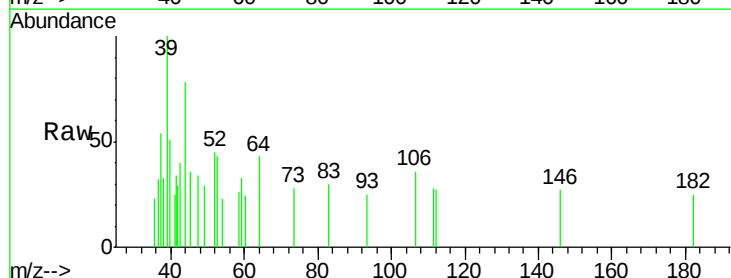
Acq: 15 Jan 2019 05:24

Tgt Ion: 59 Resp: 114

Ion Ratio Lower Upper

59 100

57 194.7 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.26

150

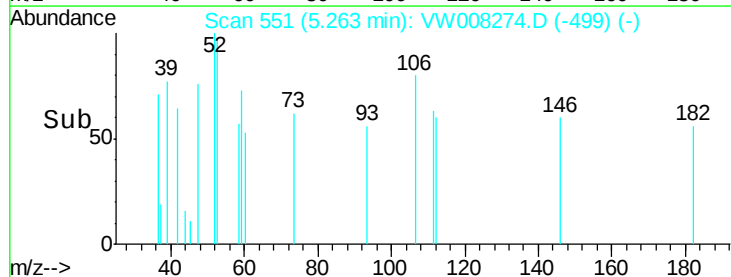
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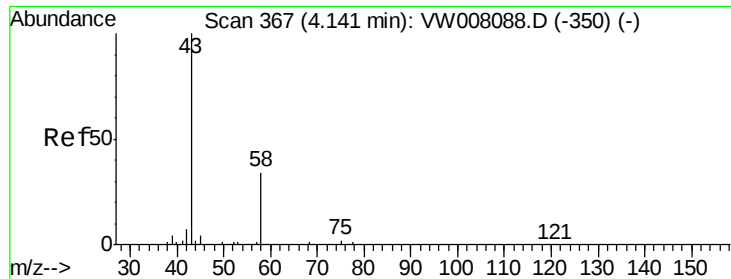
50

0

Time-->

5.24 5.26 5.28

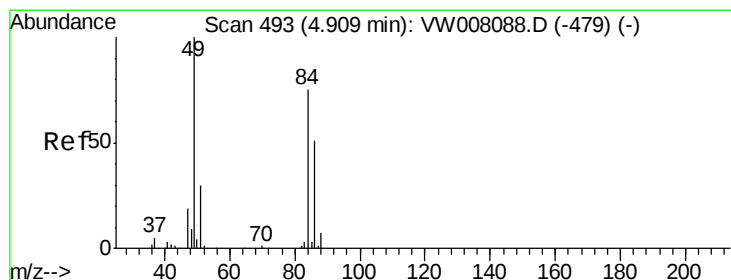
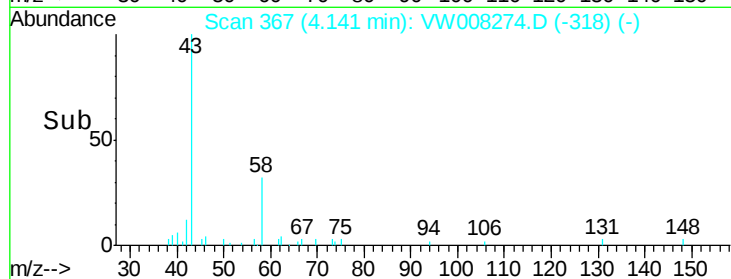
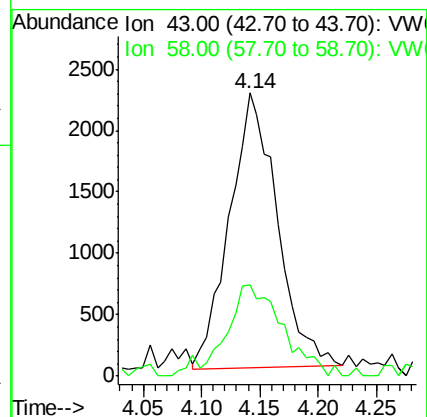
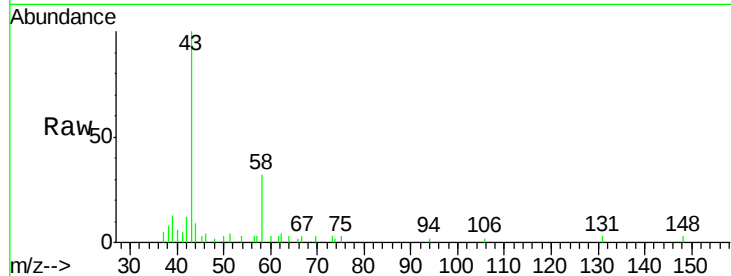




#16
Acetone
Concen: 34.108 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.00 min
Lab File: VW008274.D
Acq: 15 Jan 2019 05:24

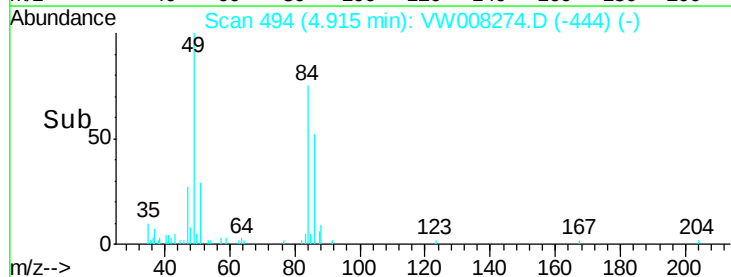
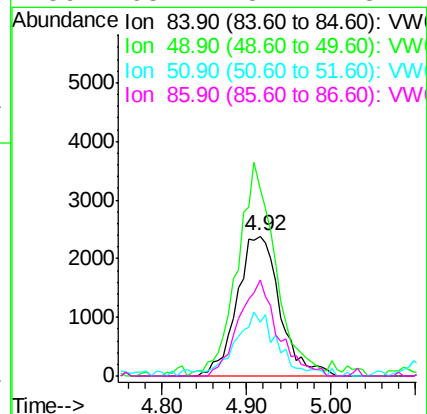
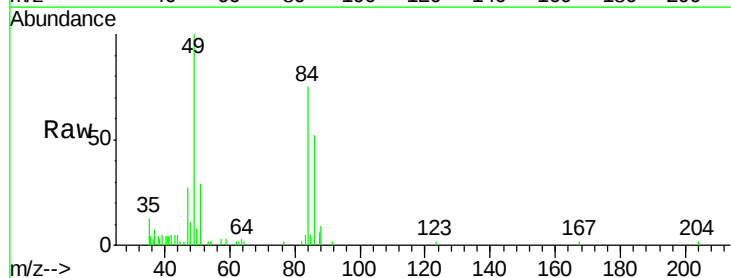
Instrument :
MSVOA_W
ClientSampleId :
NB-07-011419

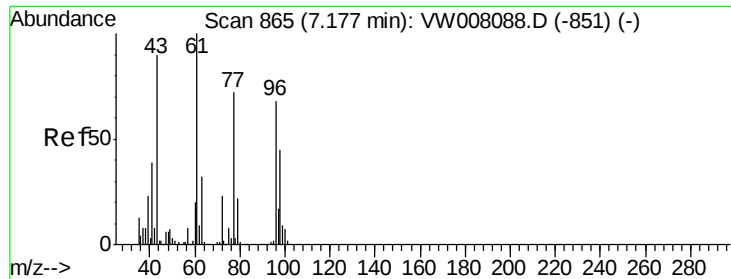
Tgt Ion: 43 Resp: 6348
Ion Ratio Lower Upper
43 100
58 33.4 27.5 41.3



#20
Methylene Chloride
Concen: 8.385 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008274.D
Acq: 15 Jan 2019 05:24

Tgt Ion: 84 Resp: 8224
Ion Ratio Lower Upper
84 100
49 130.2 107.1 160.7
51 38.8 32.4 48.6
86 68.7 54.2 81.4





#25

2-Butanone

Concen: 1.087 ug/l

RT: 7.20 min Scan# 869

Delta R.T. 0.02 min

Lab File: VW008274.D

Acq: 15 Jan 2019 05:24

Instrument :

MSVOA_W

ClientSampled :

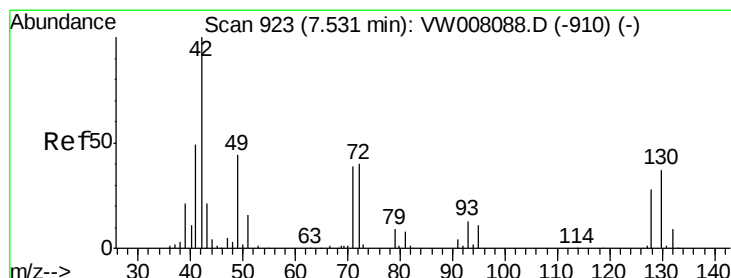
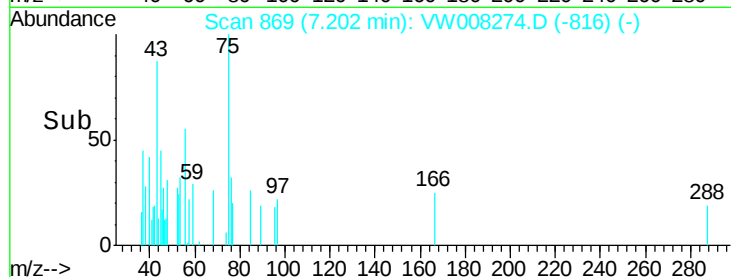
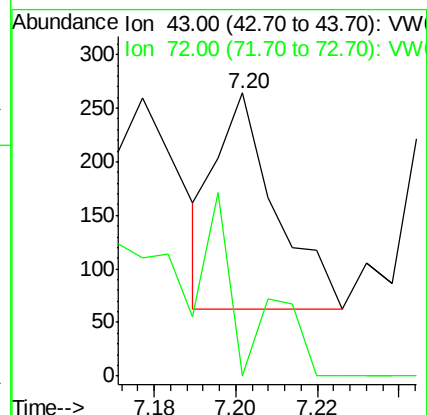
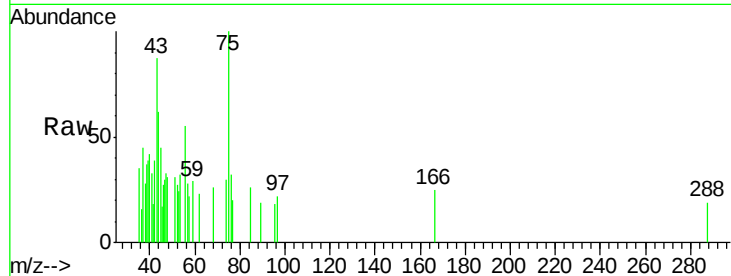
NB-07-011419

Tgt Ion: 43 Resp: 204

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#29

Tetrahydrofuran

Concen: 6.439 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW008274.D

Acq: 15 Jan 2019 05:24

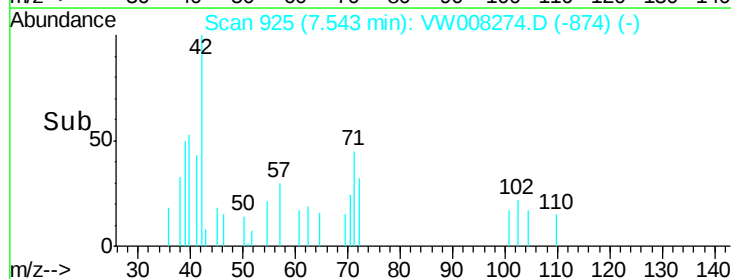
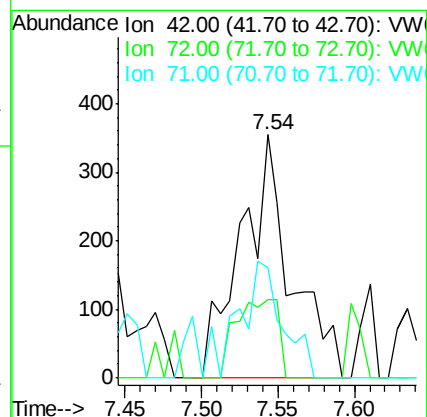
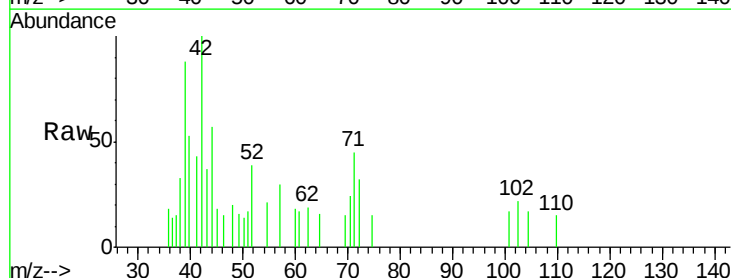
Tgt Ion: 42 Resp: 807

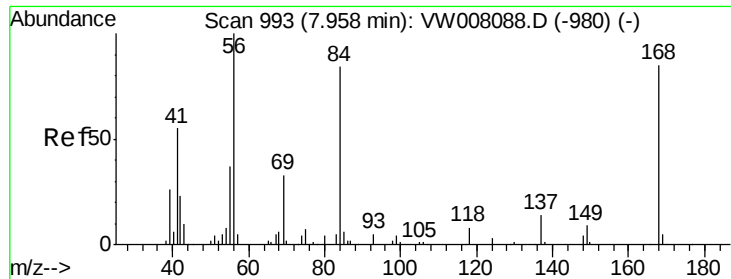
Ion Ratio Lower Upper

42 100

72 27.4 32.4 48.6#

71 39.0 31.3 46.9

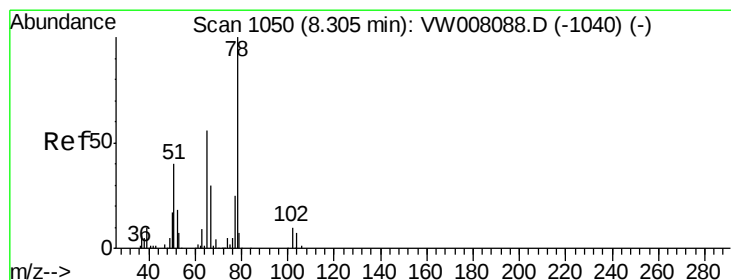
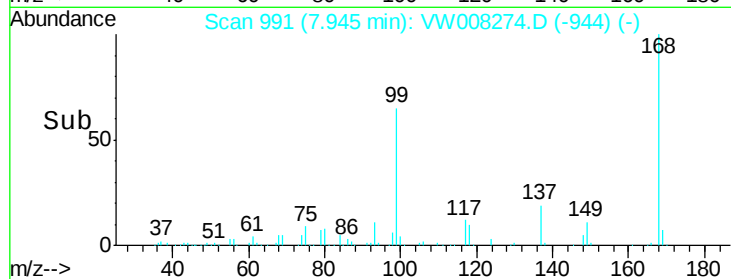
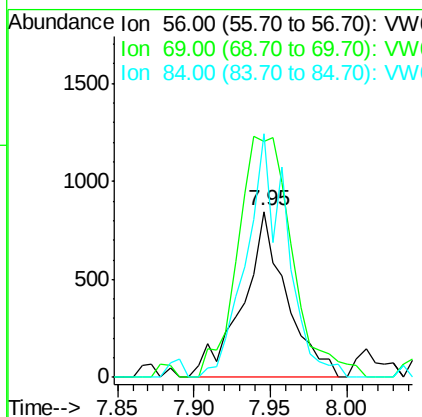
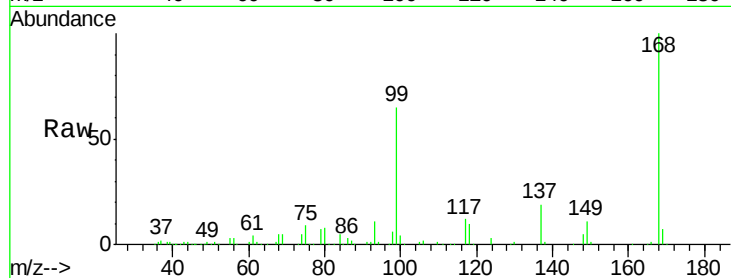




#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008274.D
Acq: 15 Jan 2019 05:24

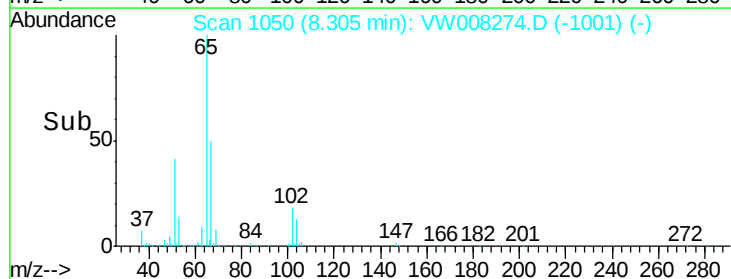
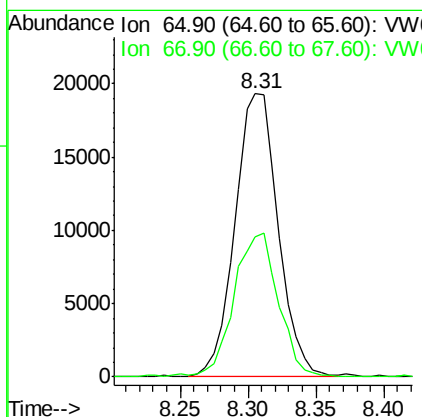
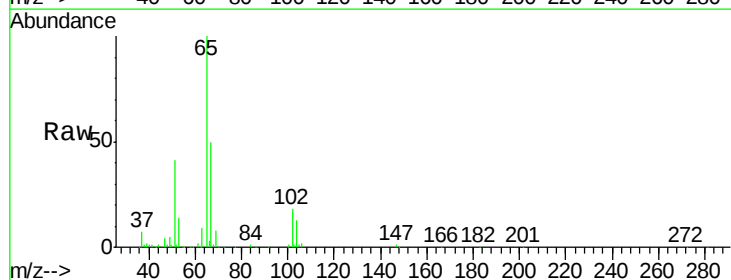
Instrument :
MSVOA_W
ClientSampleId :
NB-07-011419

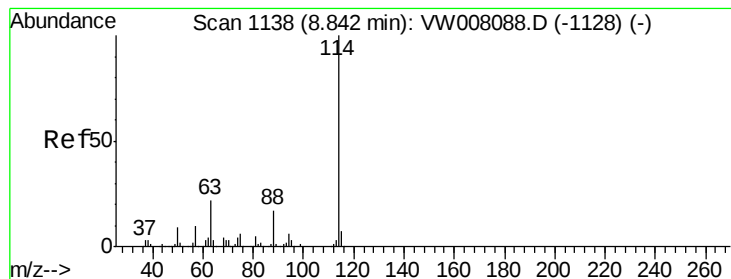
Tgt Ion: 56 Resp: 1690
Ion Ratio Lower Upper
56 100
69 142.2 26.2 39.4#
84 159.0 67.4 101.2#



#33
1,2-Dichloroethane-d4
Concen: 63.631 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008274.D
Acq: 15 Jan 2019 05:24

Tgt Ion: 65 Resp: 42908
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008274.D

Acq: 15 Jan 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

NB-07-011419

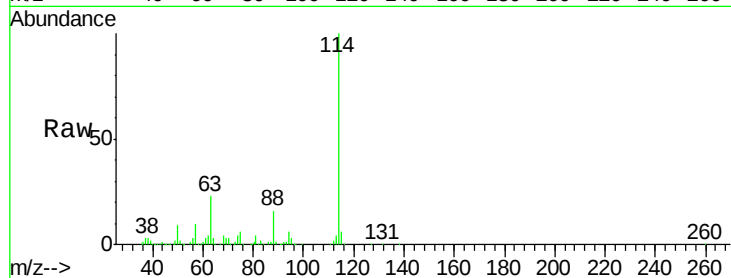
Tgt Ion:114 Resp: 119116

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

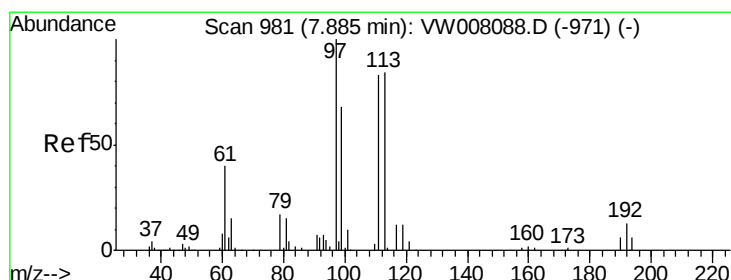
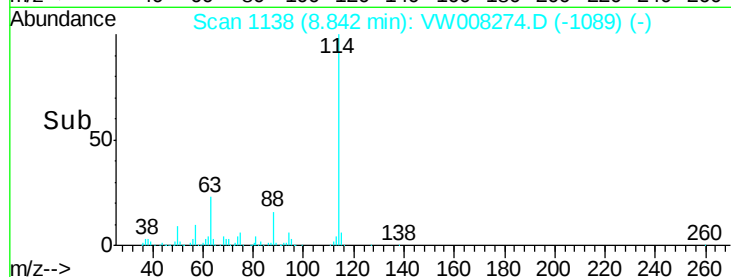
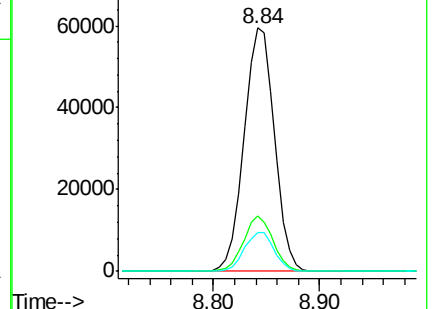
88 16.1 0.0 33.4



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: 56.115 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008274.D

Acq: 15 Jan 2019 05:24

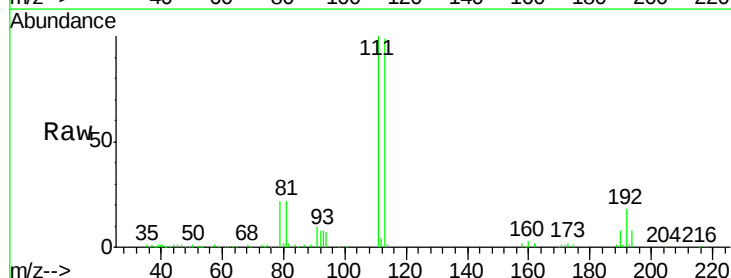
Tgt Ion:113 Resp: 38985

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

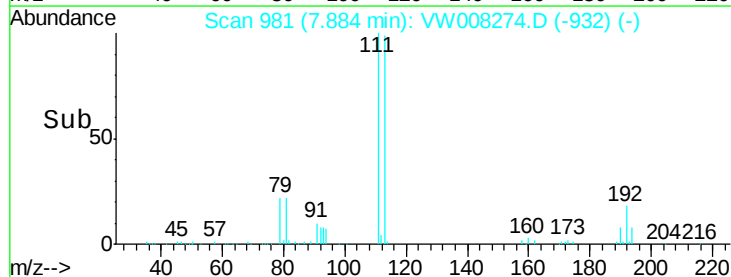
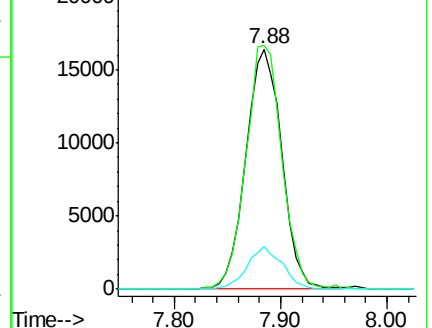
192 17.4 12.8 19.2

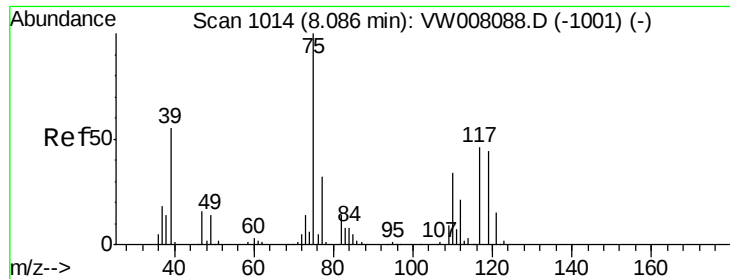


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

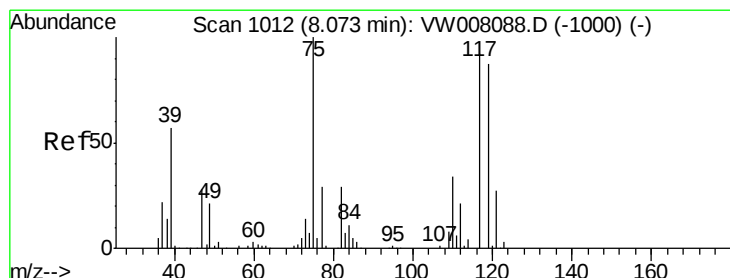
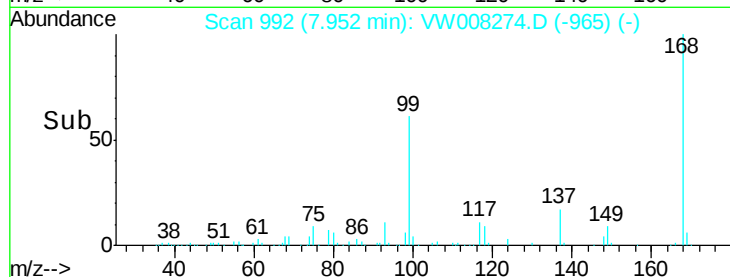
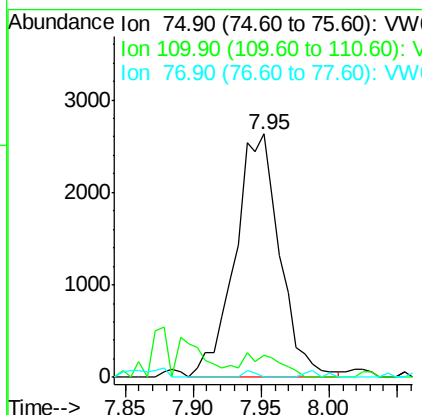
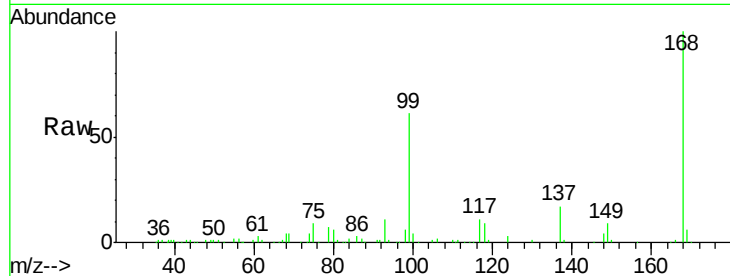




#36
 1,1-Dichloropropene
 Concen: 4.923 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008274.D
 Acq: 15 Jan 2019 05:24

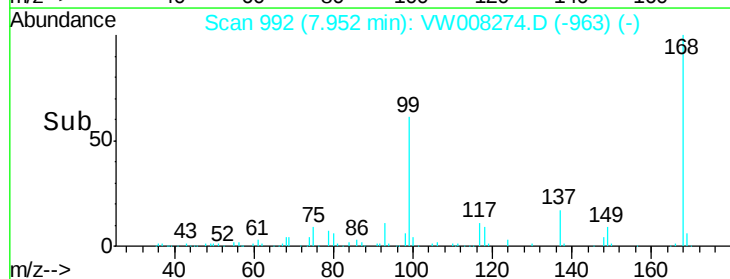
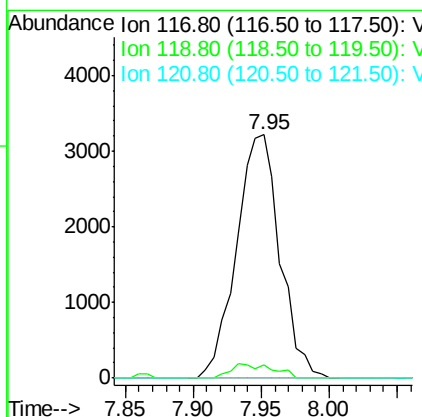
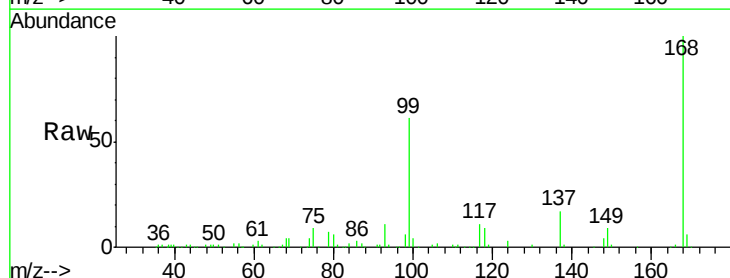
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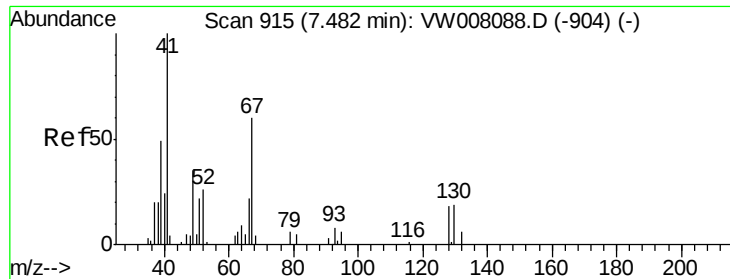
Tgt Ion: 75 Resp: 6041
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.1 51.3#
 77 0.7 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.389 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW008274.D
 Acq: 15 Jan 2019 05:24

Tgt Ion: 117 Resp: 7175
 Ion Ratio Lower Upper
 117 100
 119 5.6 75.8 113.8#
 121 0.0 23.7 35.5#





#41

Methacrylonitrile

Concen: 1.156 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW008274.D

Acq: 15 Jan 2019 05:24

Instrument :

MSVOA_W

ClientSampled :

NB-07-011419

Tgt Ion: 41 Resp: 359

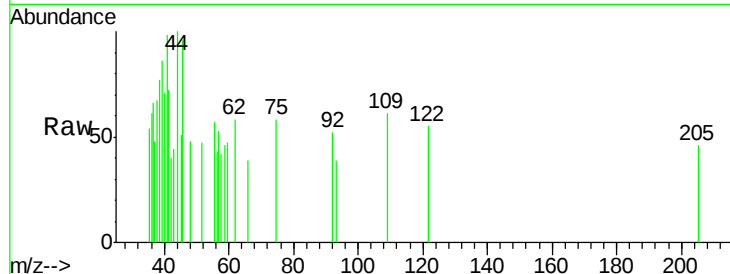
Ion Ratio Lower Upper

41 100

39 0.0 47.9 71.9#

67 0.0 56.3 84.5#

52 0.0 24.5 36.7#

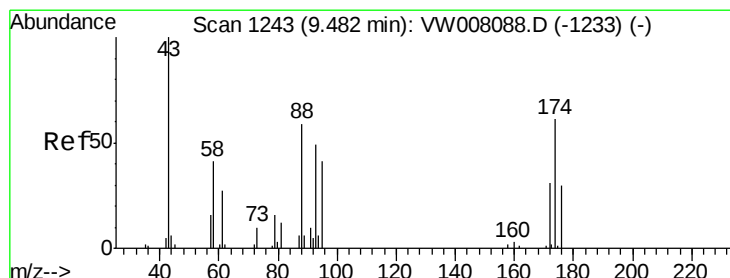
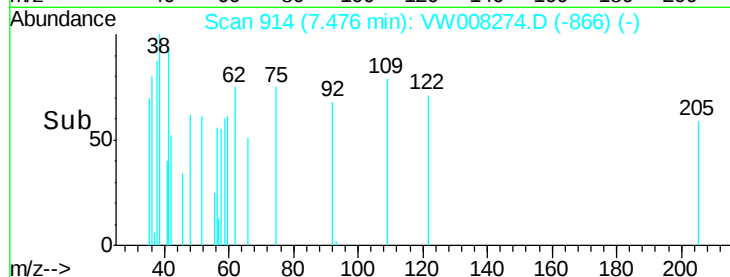
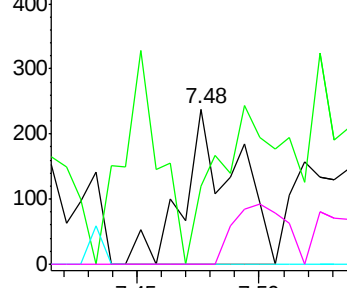


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#49

1,4-Dioxane

Concen: 6.137 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VW008274.D

Acq: 15 Jan 2019 05:24

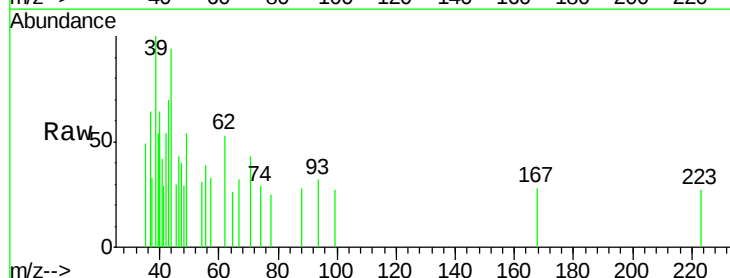
Tgt Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

43 212.5 0.0 0.0#

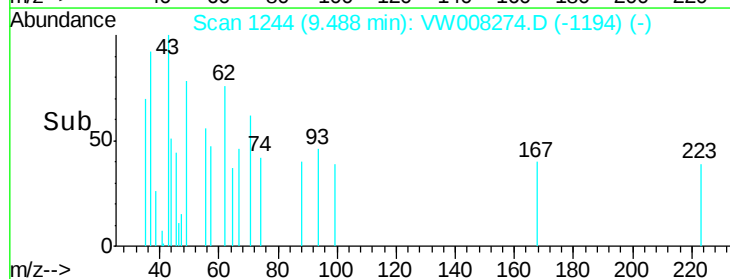
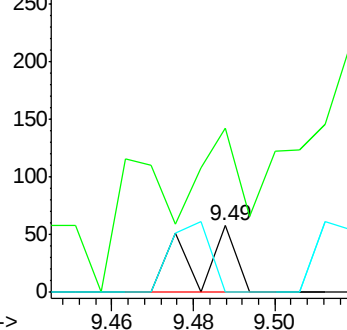
58 102.5 61.7 92.5#

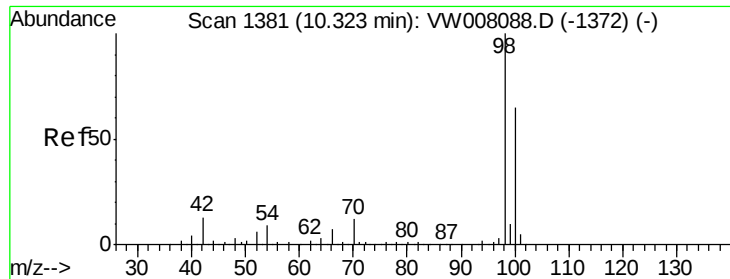


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 55.297 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008274.D

Acq: 15 Jan 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

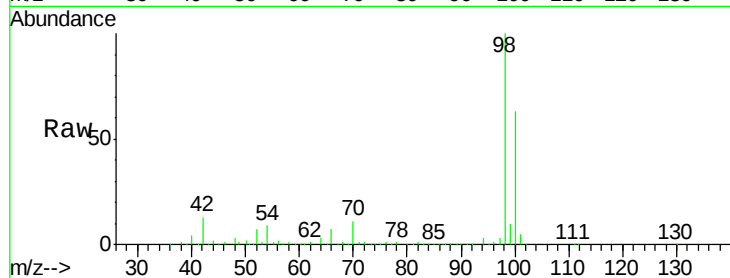
NB-07-011419

Tgt Ion: 98 Resp: 161210

Ion Ratio Lower Upper

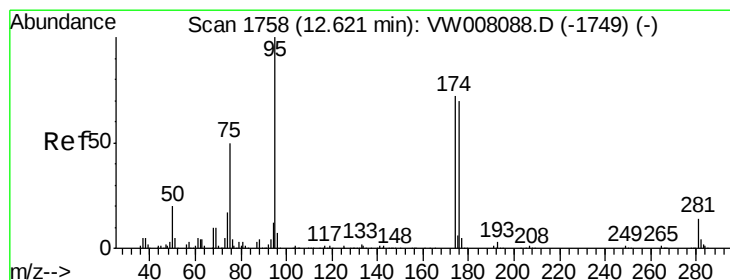
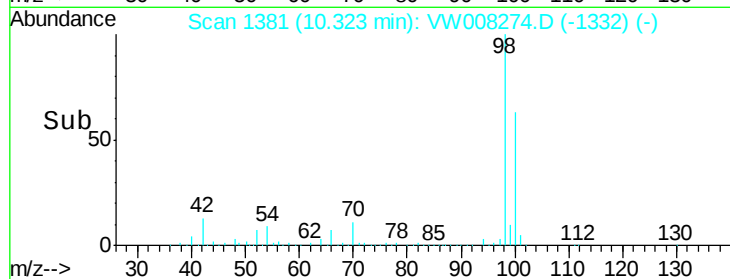
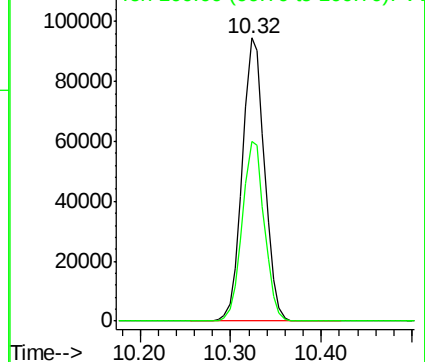
98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 50.848 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008274.D

Acq: 15 Jan 2019 05:24

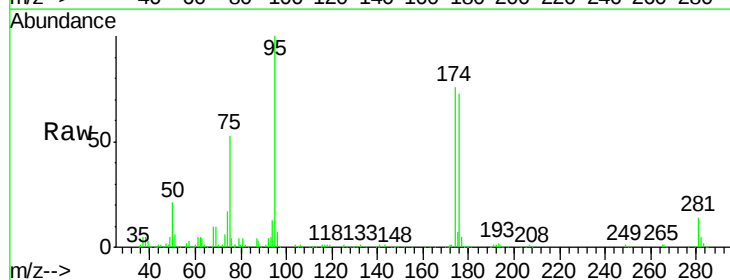
Tgt Ion: 95 Resp: 53144

Ion Ratio Lower Upper

95 100

174 71.9 0.0 143.0

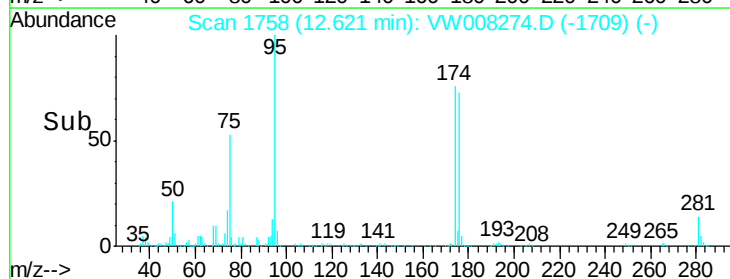
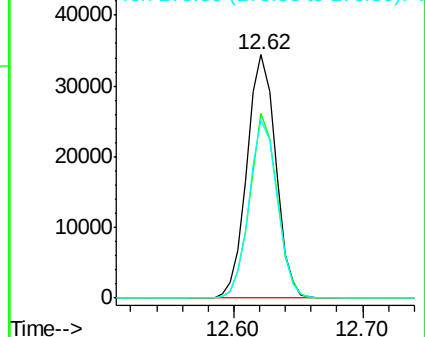
176 71.6 0.0 140.2

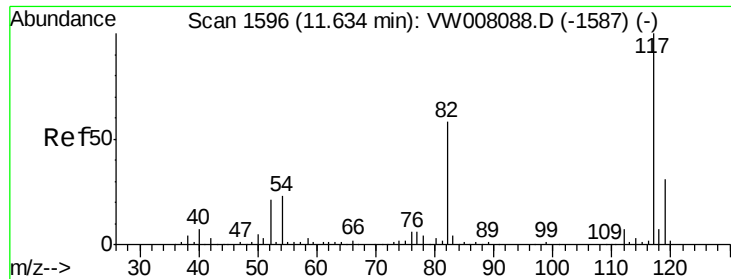


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

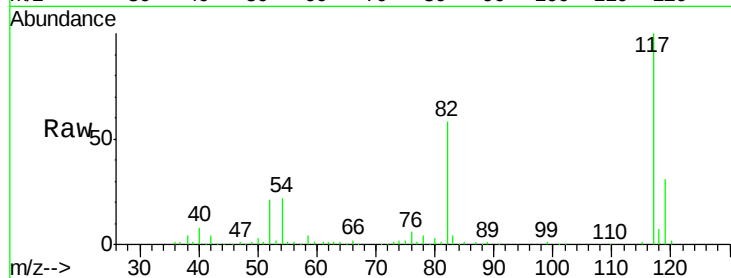




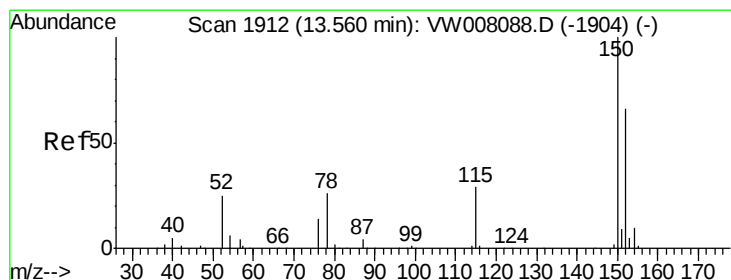
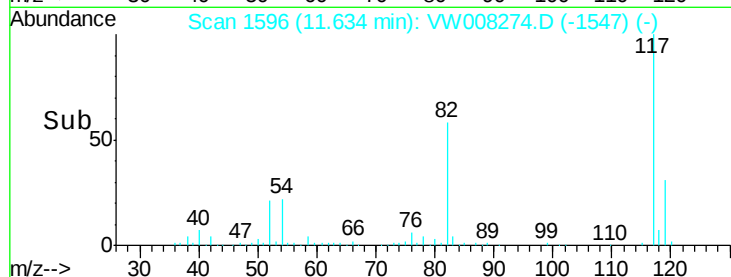
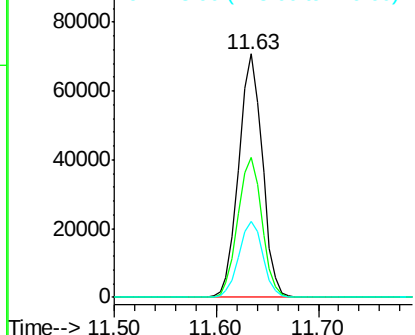
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008274.D
Acq: 15 Jan 2019 05:24

Instrument :
MSVOA_W
ClientSampleId :
NB-07-011419

Tgt Ion:117 Resp: 113119
Ion Ratio Lower Upper
117 100
82 57.7 46.4 69.6
119 31.2 24.7 37.1

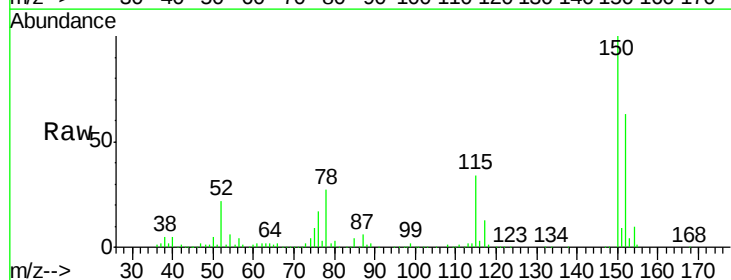


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

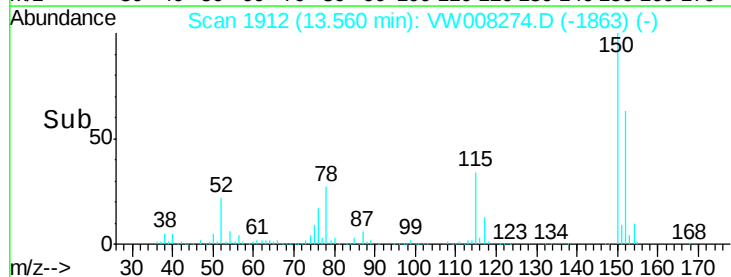
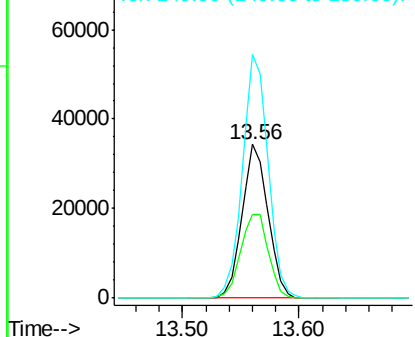


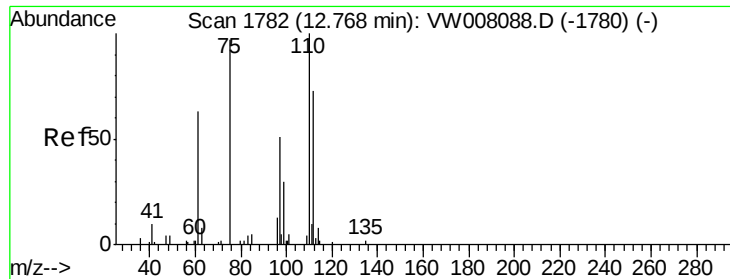
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008274.D
Acq: 15 Jan 2019 05:24

Tgt Ion:152 Resp: 53451
Ion Ratio Lower Upper
152 100
115 58.5 30.8 92.4
150 156.8 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: 56.791 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008274.D

Acq: 15 Jan 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

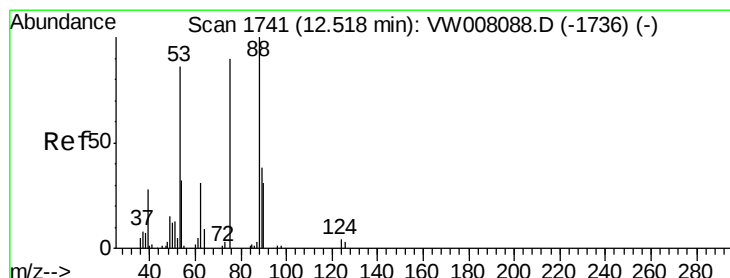
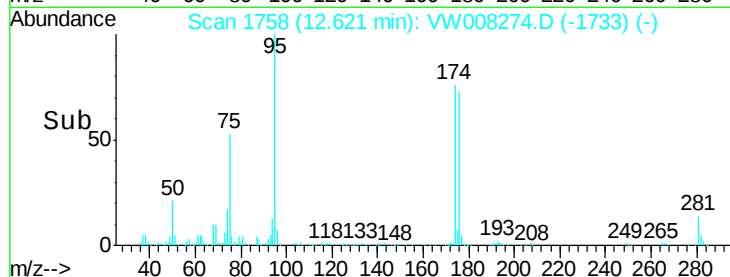
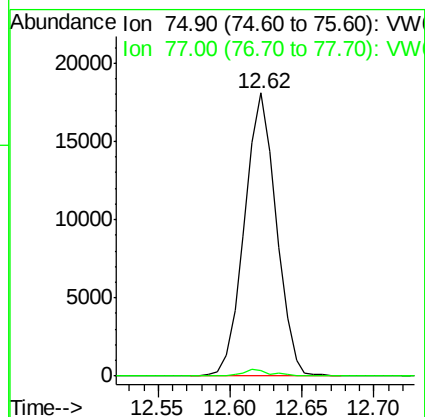
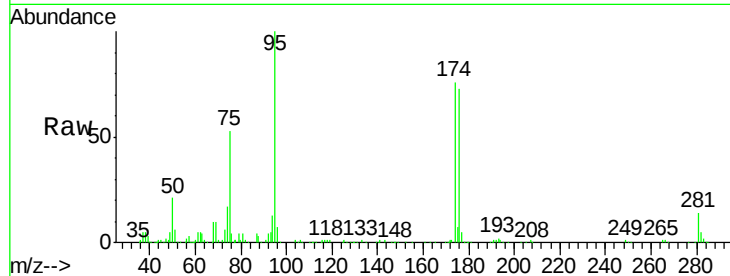
NB-07-011419

Tgt Ion: 75 Resp: 27672

Ion Ratio Lower Upper

75 100

77 1.9 179.4 538.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.248 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008274.D

Acq: 15 Jan 2019 05:24

Tgt Ion: 75 Resp: 27672

Ion Ratio Lower Upper

75 100

53 0.4 78.8 118.2#

89 0.3 35.4 53.2#

