

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053149.D
 Acq On : 22 Dec 2018 23:25
 Operator : MD\SY
 Sample : VN1222MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 29 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBL02

Quant Time: Dec 23 23:10:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1310098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2002173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1779729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	653691	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	638154	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
35) Dibromofluoromethane	7.59	113	536201	58.63	ug/l	0.00
Spiked Amount			Recovery	=	117.26%	
50) Toluene-d8	10.09	98	2450787	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.40	95	784779	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	

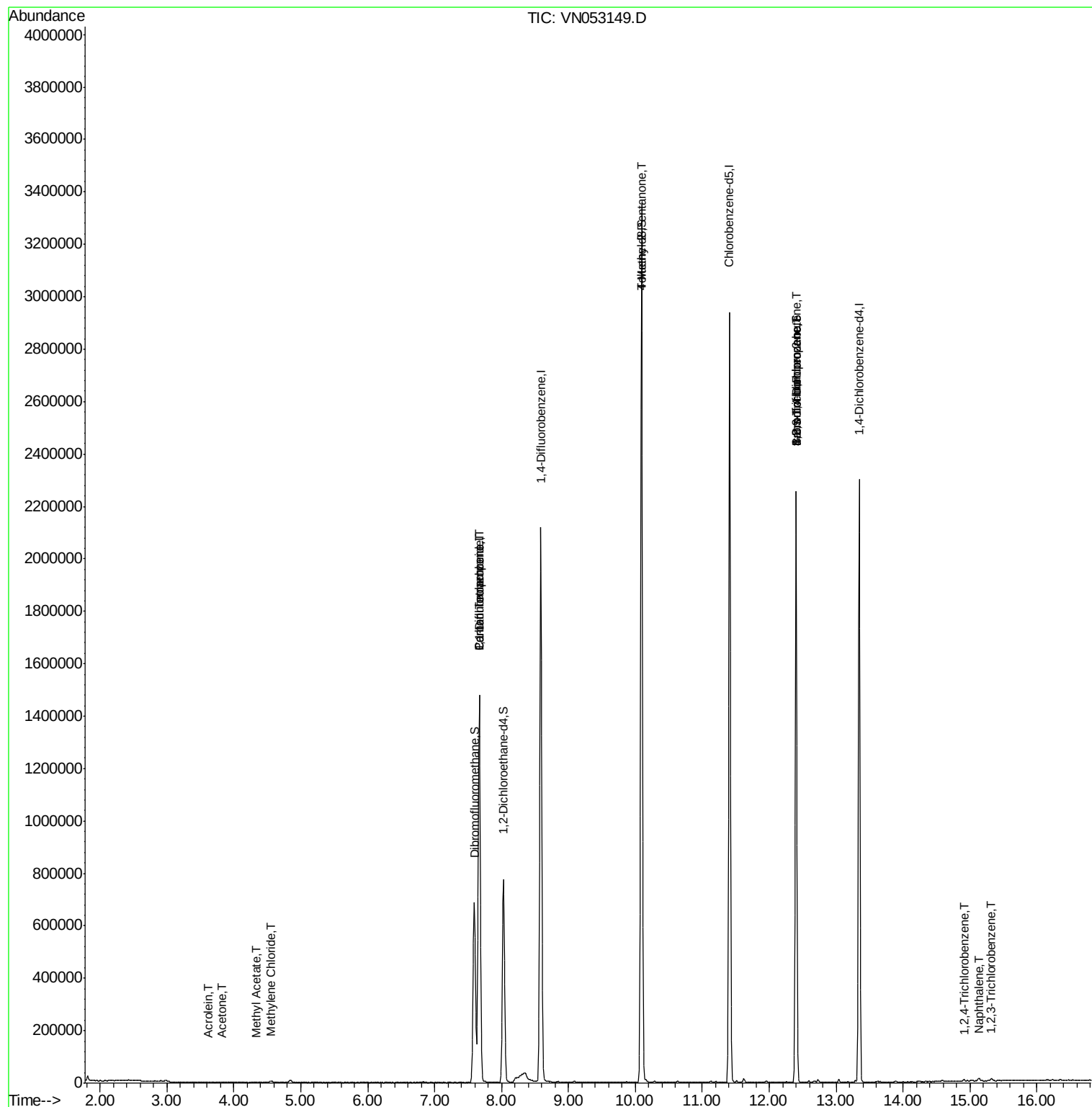
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	308	0.419	ug/l	87
16) Acetone	3.82	43	1243	0.477	ug/l #	83
18) Methyl Acetate	4.34	43	1926	1.152	ug/l #	61
20) Methylene Chloride	4.55	84	5239	0.368	ug/l	89
31) Cyclohexane	7.67	56	21576	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	84607	4.403	ug/l #	48
38) Carbon Tetrachloride	7.67	117	114886	6.522	ug/l #	16
43) Isopropyl Acetate	8.24	43	20152	Below Cal	#	53
51) 4-Methyl-2-Pentanone	10.09	43	9050	0.871	ug/l #	1
71) Bromoform	12.40	173	4765	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	365153	33.183	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	365153	106.953	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	2499	0.807	ug/l	97
94) Hexachlorobutadiene	15.01	225	868	Below Cal		84
95) Naphthalene	15.14	128	9436	1.505	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	3264	0.814	ug/l	96

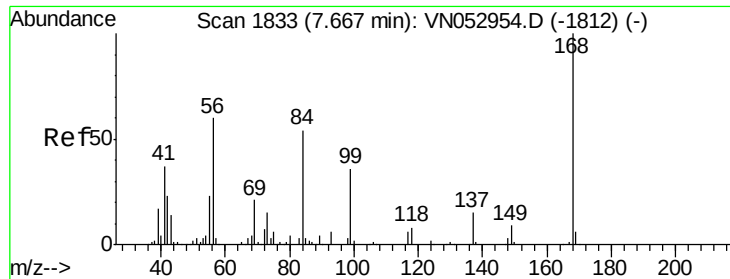
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053149.D

Acq: 22 Dec 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

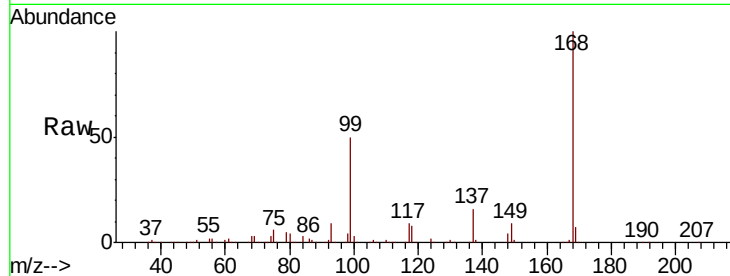
VN1222MBL02

Tot Ion:168 Resp: 1310098

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053149.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053149.D (-1740) (-)

7.67

600000

500000

400000

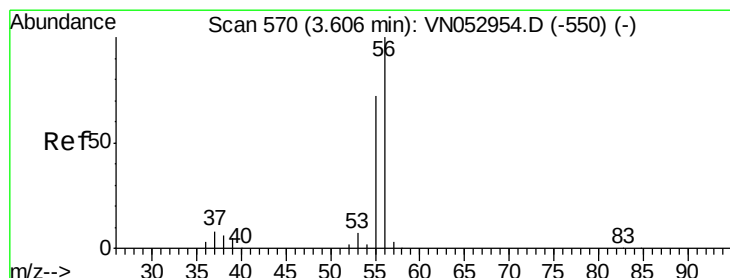
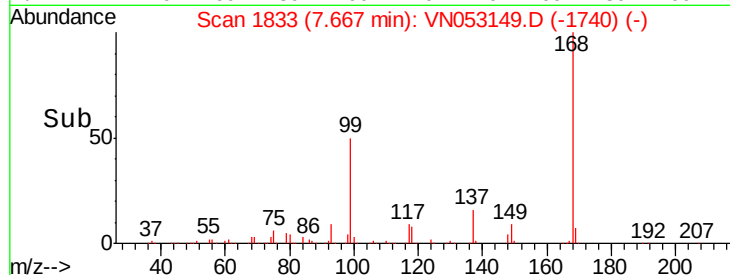
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.419 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN053149.D

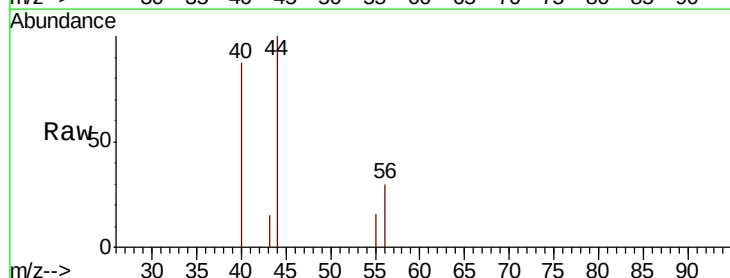
Acq: 22 Dec 2018 23:25

Tgt Ion: 56 Resp: 308

Ion Ratio Lower Upper

56 100

55 60.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN053149.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN053149.D (-477) (-)

3.61

400

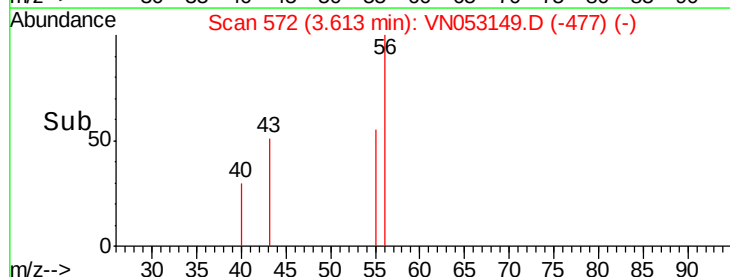
300

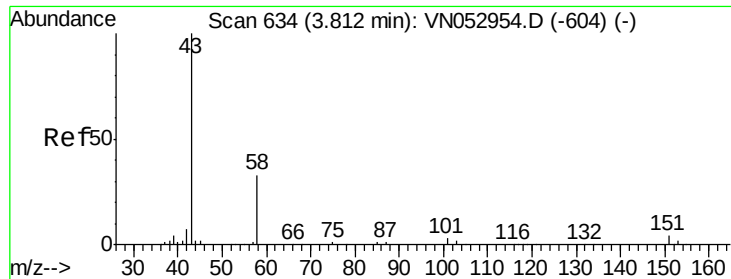
200

100

0

Time-->





#16

Acetone

Concen: 0.477 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053149.D

Acq: 22 Dec 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

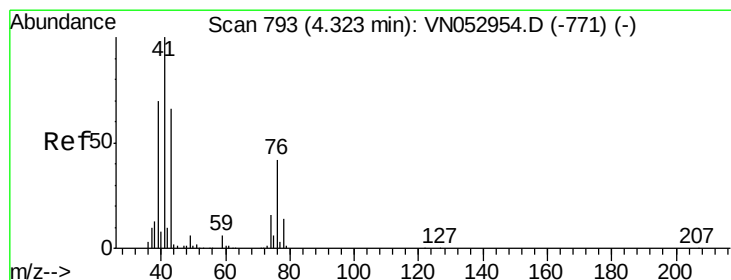
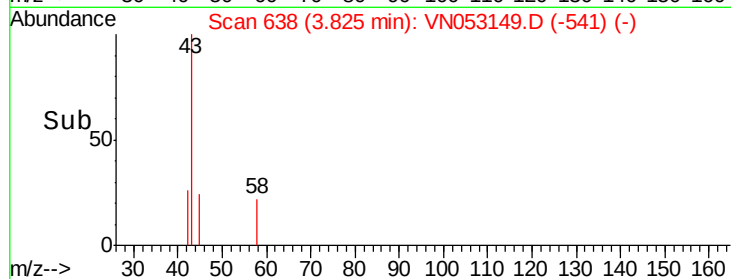
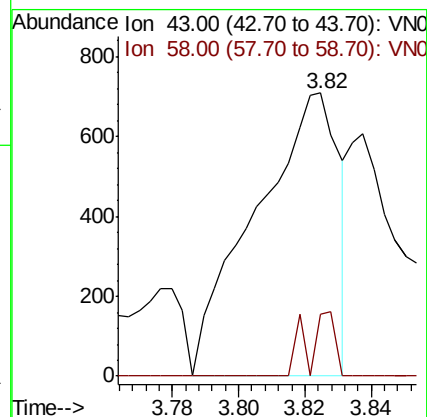
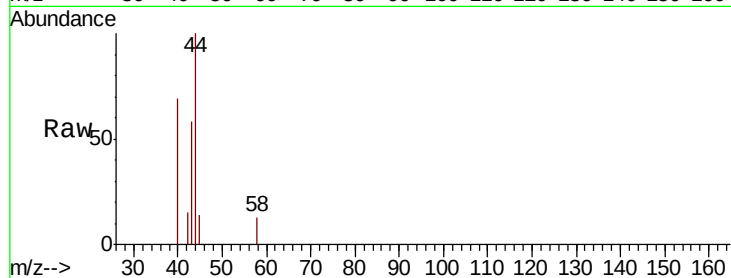
VN1222MBL02

Tot Ion: 43 Resp: 1243

Ion Ratio Lower Upper

43 100

58 22.0 25.4 38.0#



#18

Methyl Acetate

Concen: 1.152 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053149.D

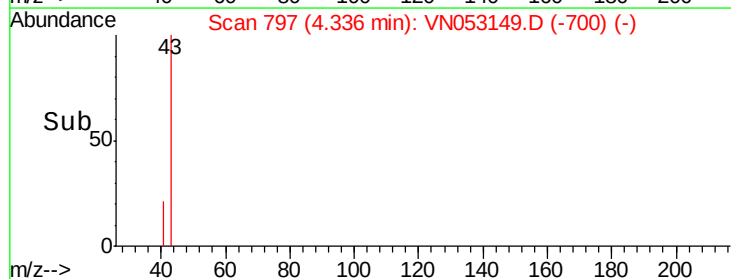
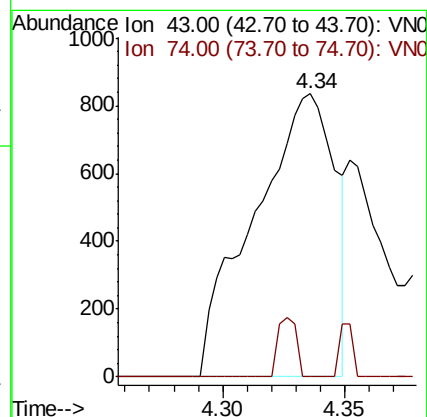
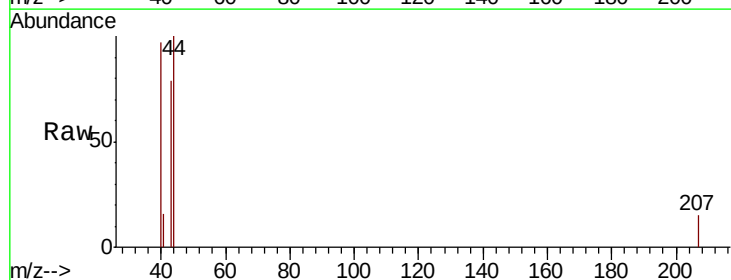
Acq: 22 Dec 2018 23:25

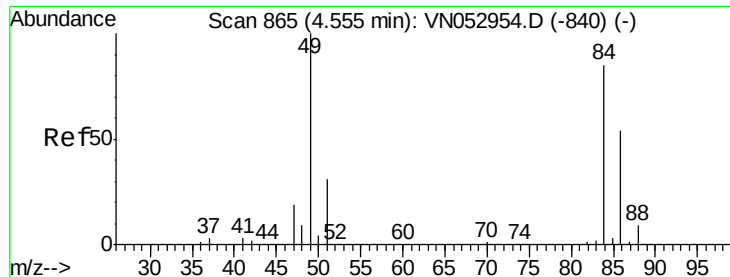
Tgt Ion: 43 Resp: 1926

Ion Ratio Lower Upper

43 100

74 4.8 19.2 28.8#

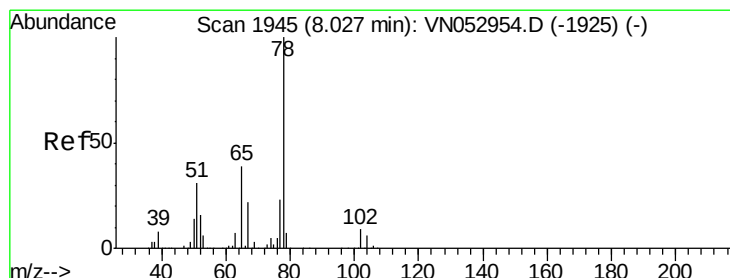
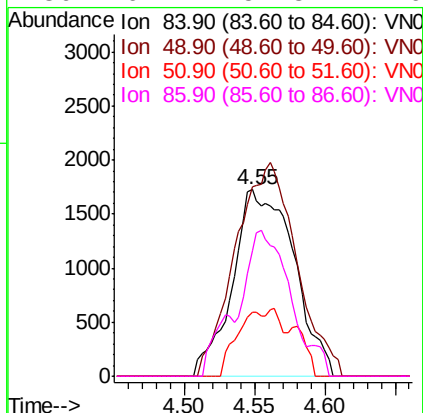
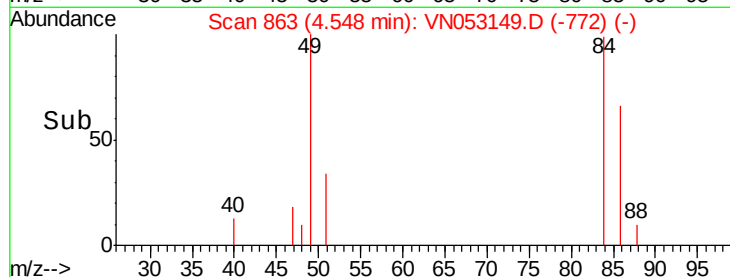
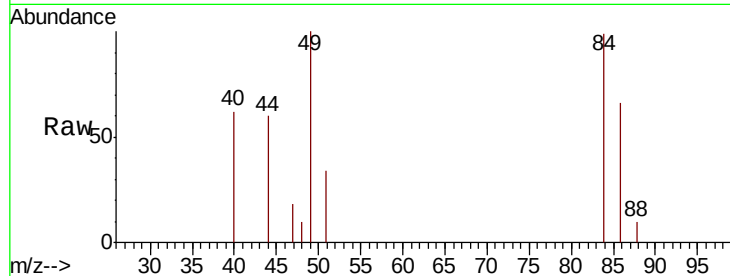




#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN053149.D
Acq: 22 Dec 2018 23:25

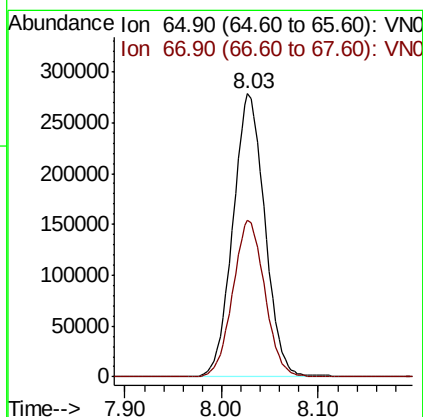
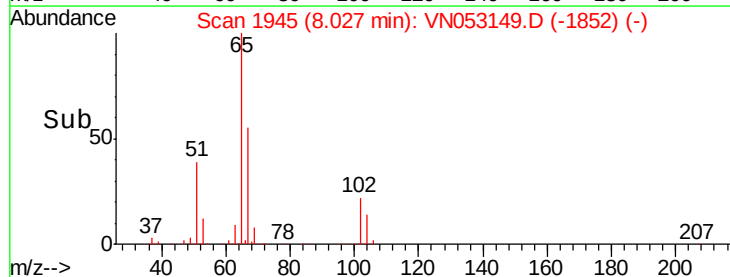
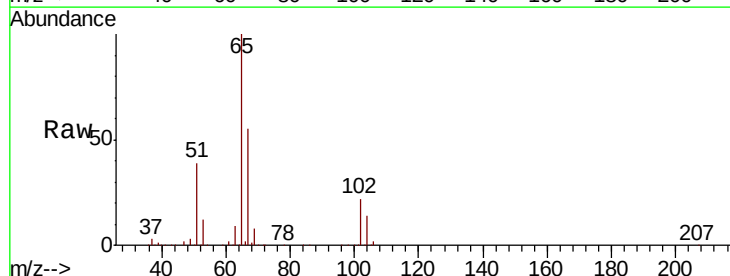
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBL02

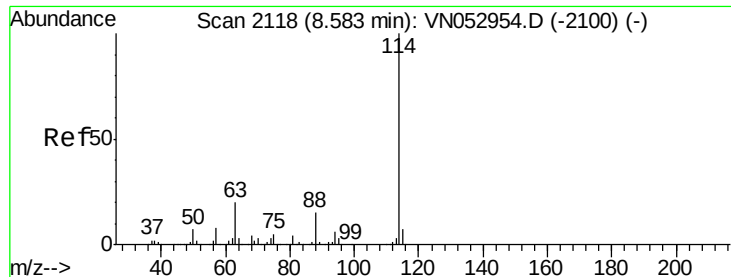
Tot Ion: 84 Resp: 5239
Ion Ratio Lower Upper
84 100
49 101.5 96.8 145.2
51 34.4 29.9 44.9
86 67.1 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053149.D
Acq: 22 Dec 2018 23:25

Tgt Ion: 65 Resp: 638154
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.4

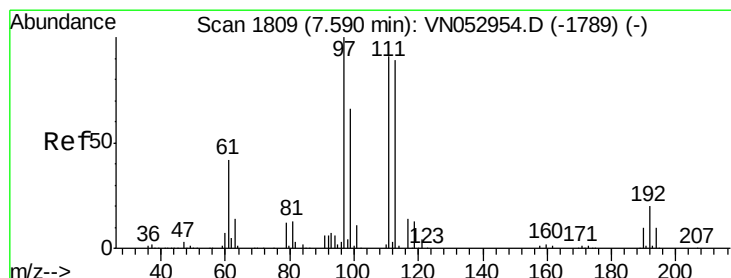
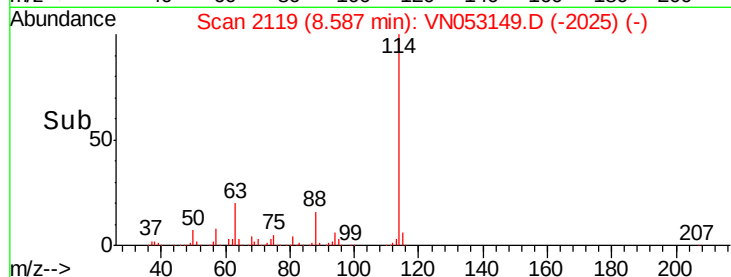
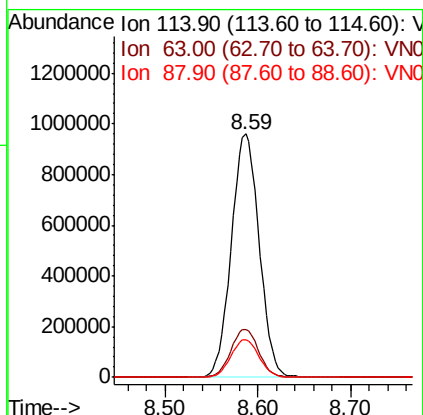
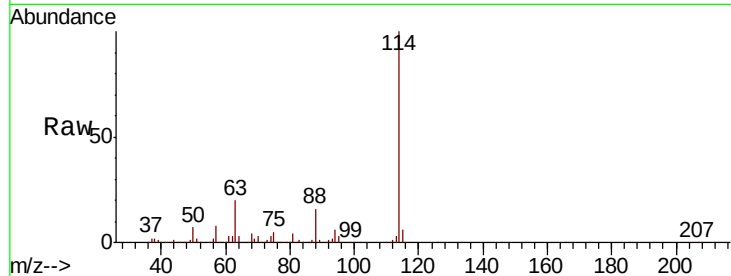




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053149.D
 Acq: 22 Dec 2018 23:25

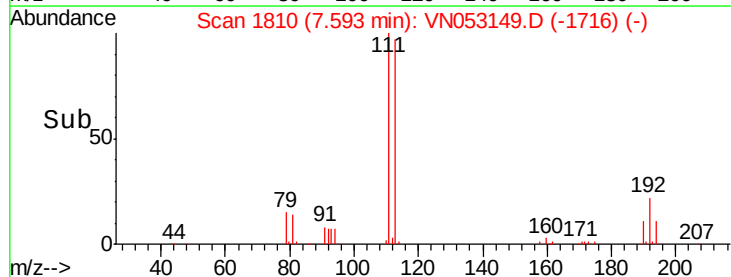
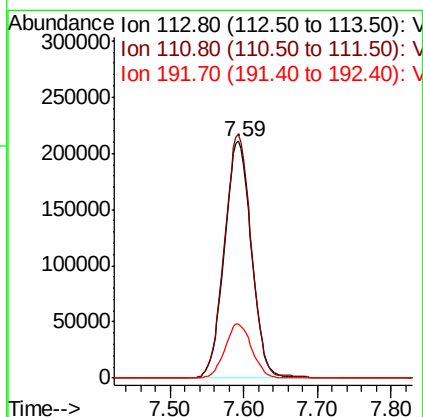
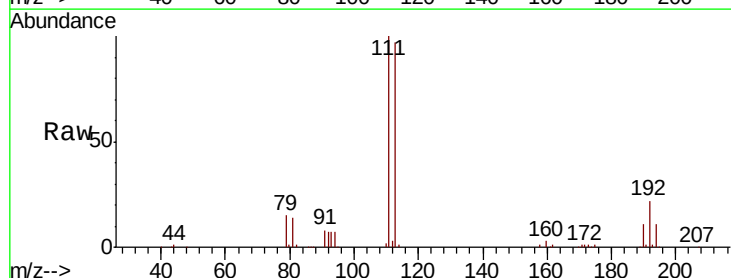
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBL02

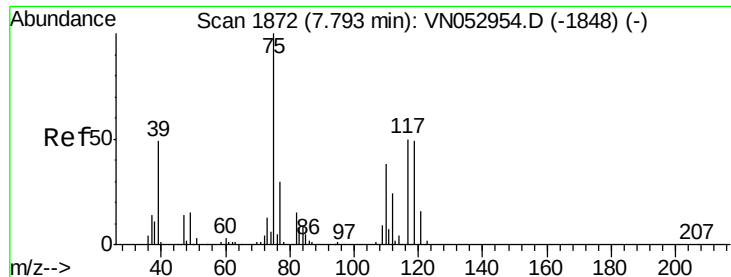
Tot Ion:114 Resp: 2002173
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.6 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053149.D
 Acq: 22 Dec 2018 23:25

Tgt Ion:113 Resp: 536201
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.4
 192 22.6 17.5 26.3

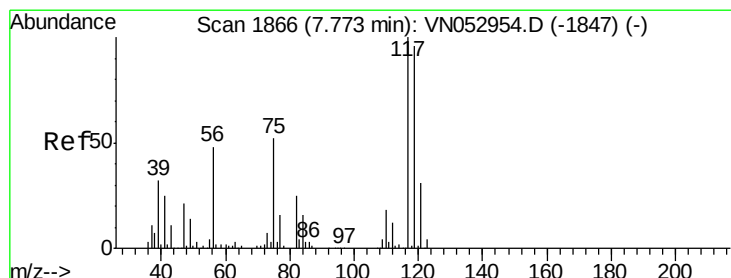
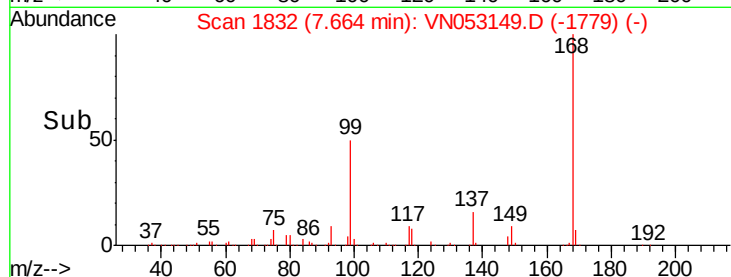
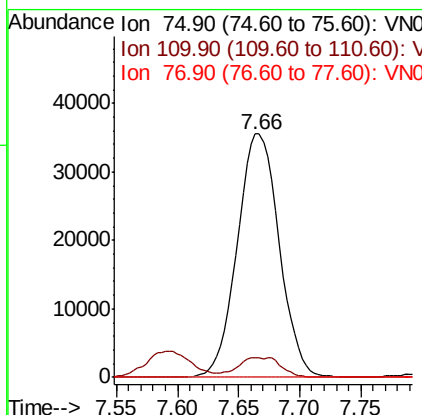
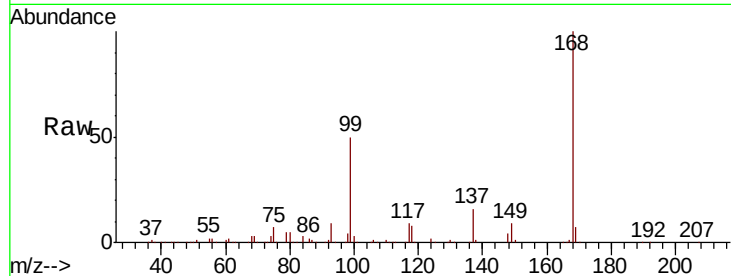




#36
 1,1-Dichloropropene
 Concen: 4.403 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053149.D
 Acq: 22 Dec 2018 23:25

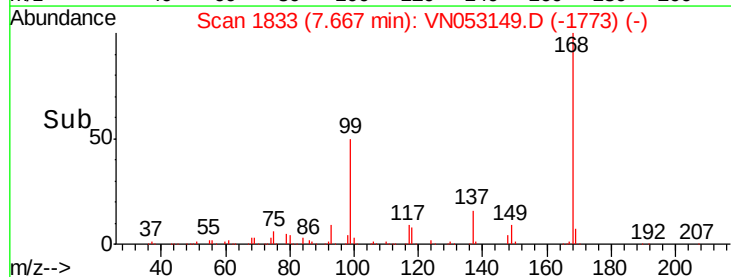
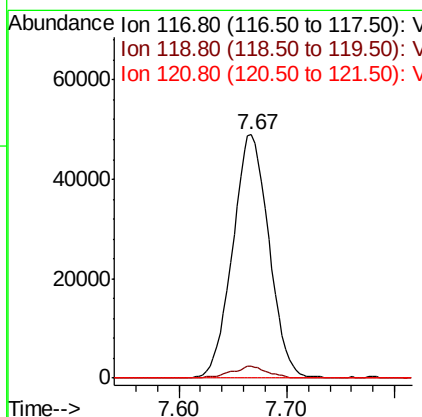
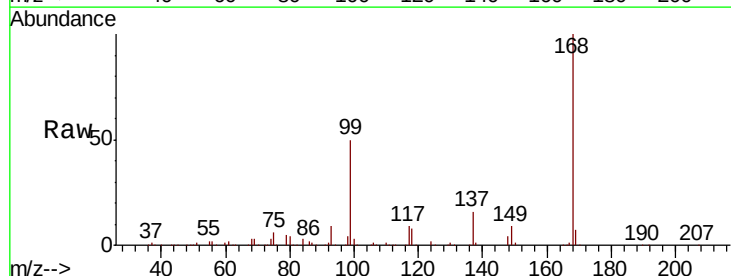
Instrument :
 MSVOA_N
 ClientSampled :
 VN1222MBL02

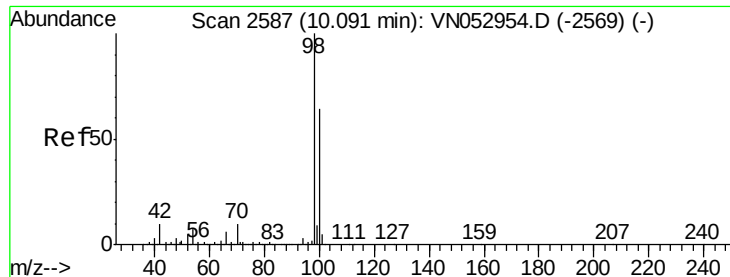
Tot Ion	75	Resp	84607
Ion Ratio	100	Lower	Upper
75	100		
110	8.2	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.522 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053149.D
 Acq: 22 Dec 2018 23:25

Tgt Ion	117	Resp	114886
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.8	77.1	115.7#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053149.D

Acq: 22 Dec 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

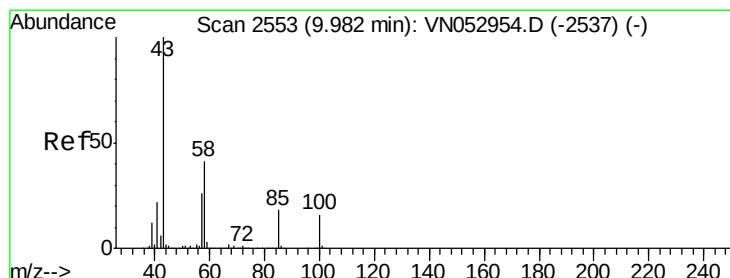
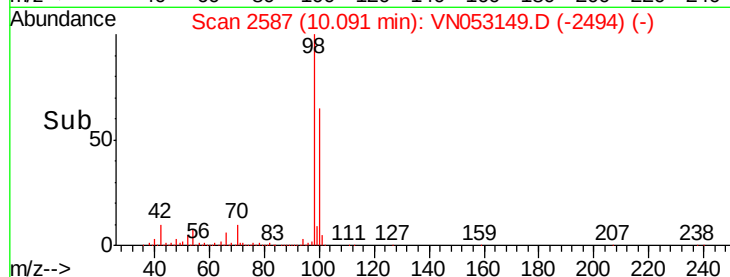
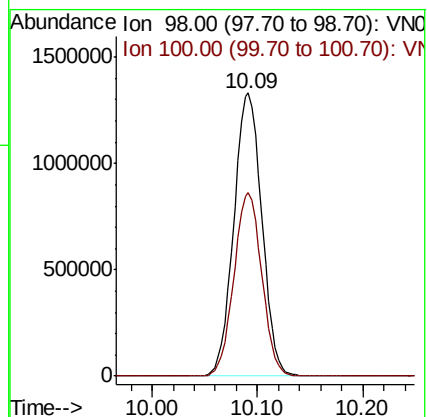
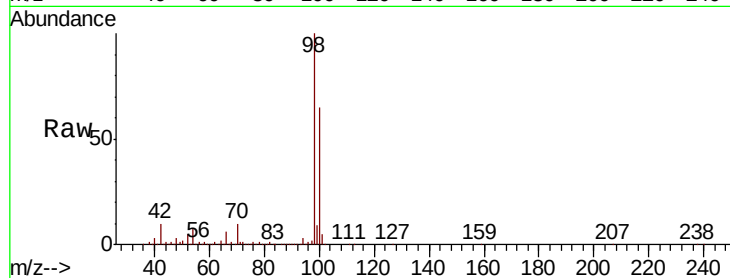
VN1222MBL02

Tot Ion: 98 Resp: 2450787

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 0.871 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN053149.D

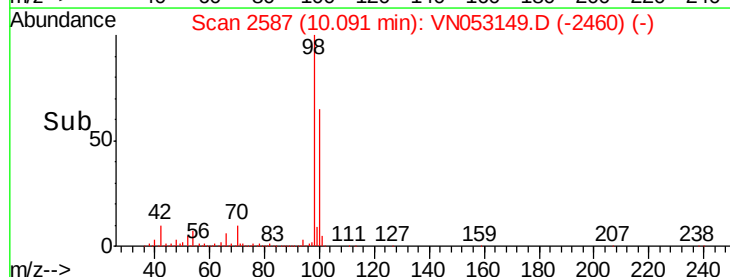
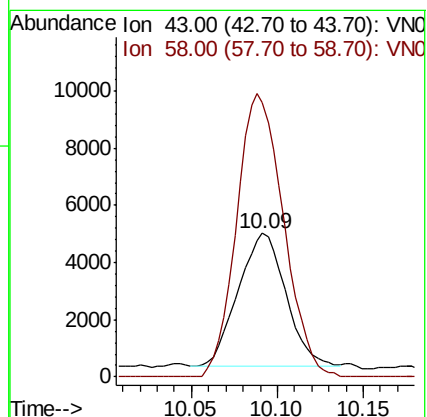
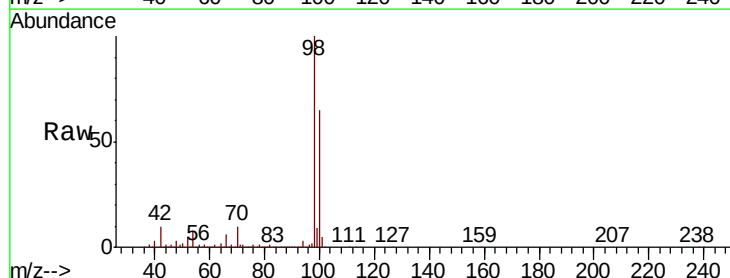
Acq: 22 Dec 2018 23:25

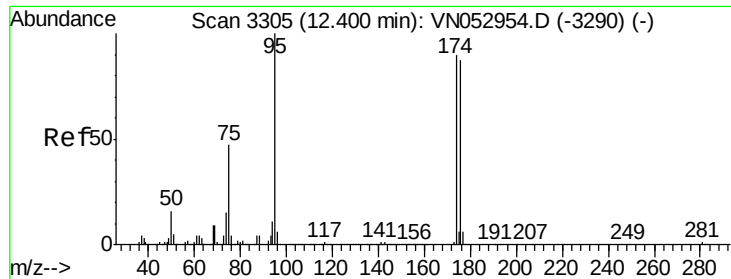
Tgt Ion: 43 Resp: 9050

Ion Ratio Lower Upper

43 100

58 206.8 32.2 48.4#

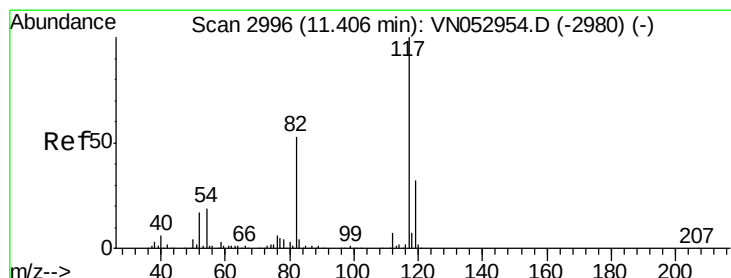
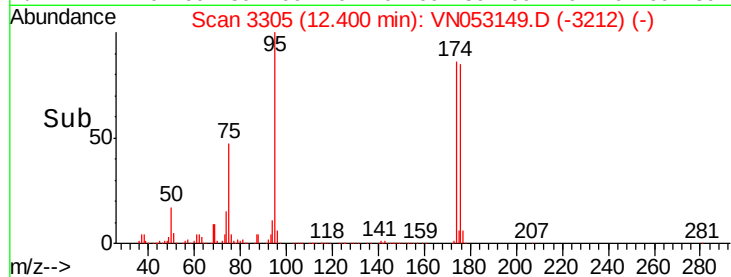
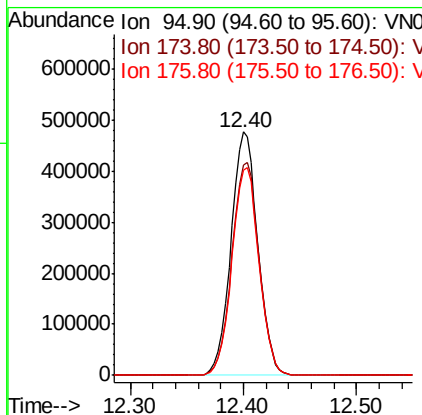
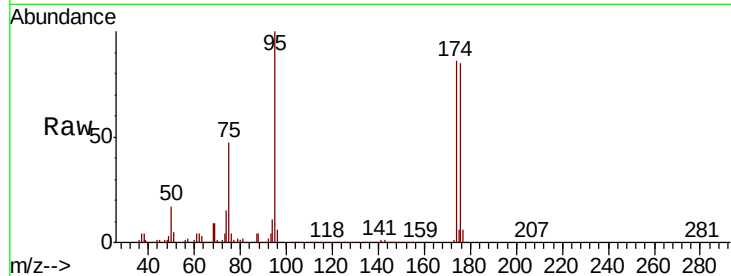




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053149.D
Acq: 22 Dec 2018 23:25

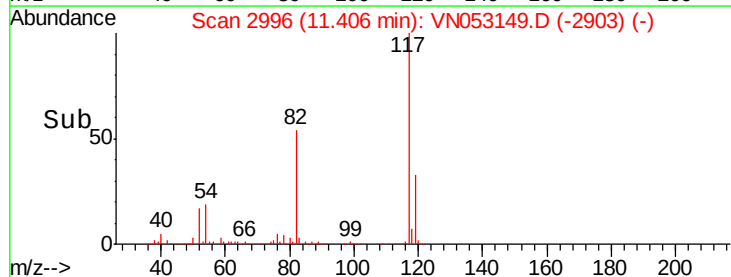
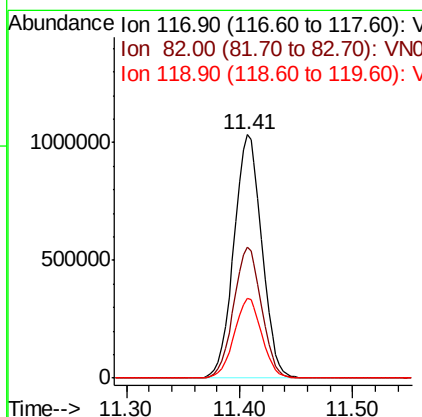
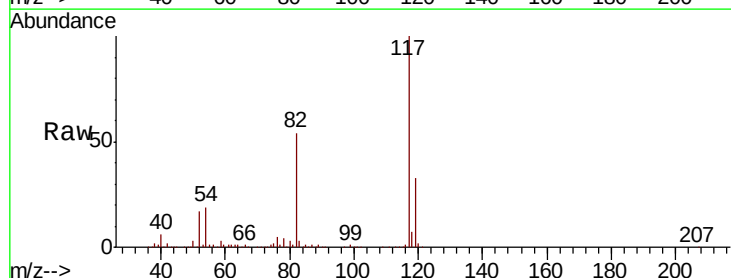
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBL02

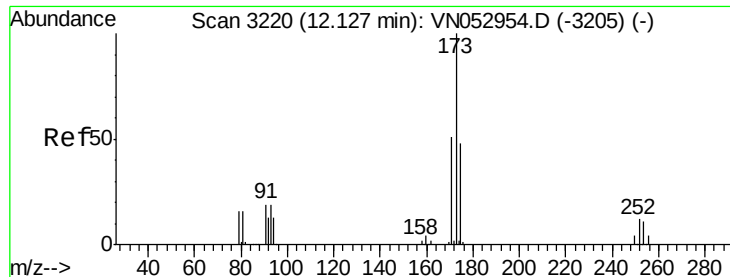
Tot Ion: 95 Resp: 784779
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.8
176 86.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053149.D
Acq: 22 Dec 2018 23:25

Tgt Ion: 117 Resp: 1779729
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.5 25.5 38.3





#71

Bromoform

Concen: 0.481 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053149.D

Acq: 22 Dec 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBL02

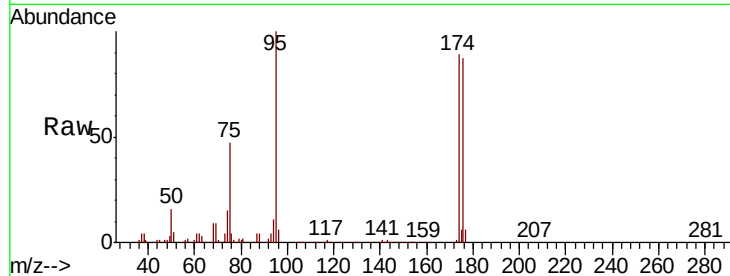
Tot Ion:173 Resp: 4765

Ion Ratio Lower Upper

173 100

175 927.9 24.3 72.9#

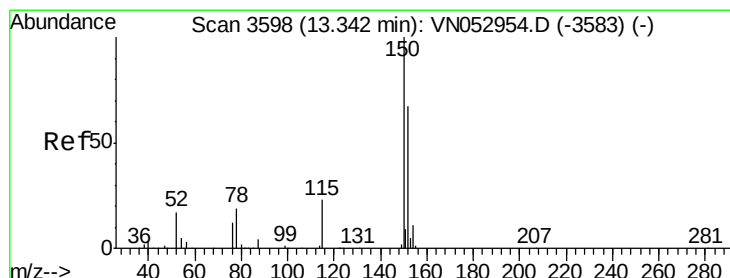
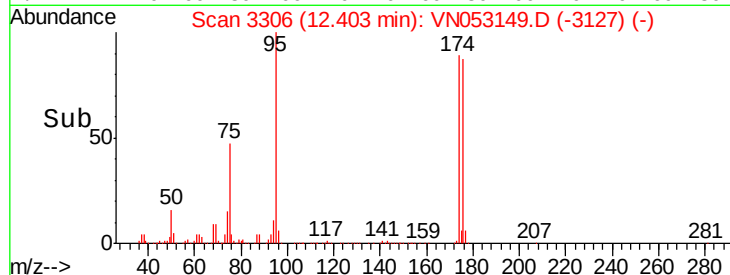
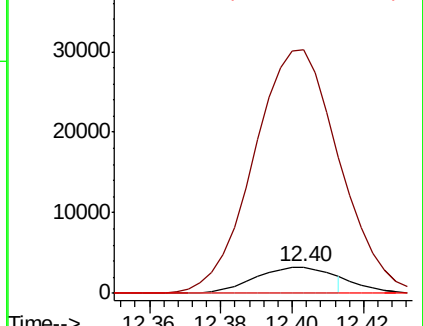
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053149.D

Acq: 22 Dec 2018 23:25

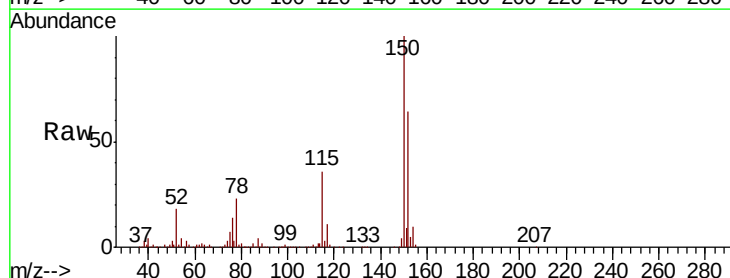
Tgt Ion:152 Resp: 653691

Ion Ratio Lower Upper

152 100

115 56.8 28.3 85.0

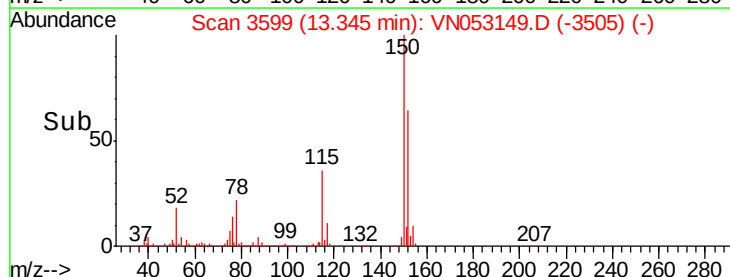
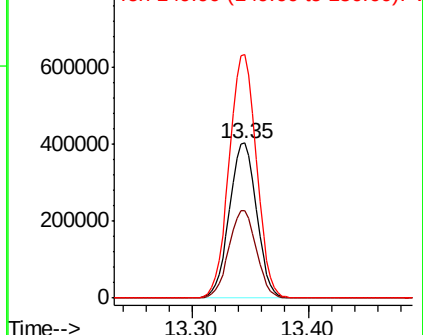
150 157.5 0.0 347.8

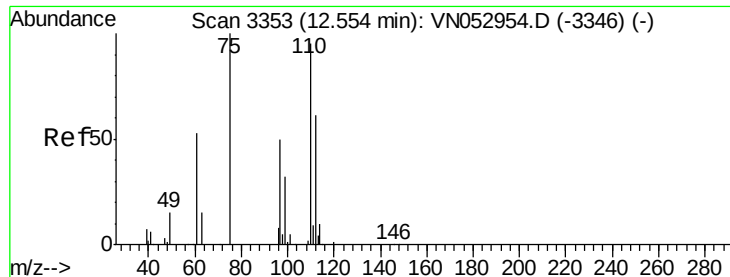


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

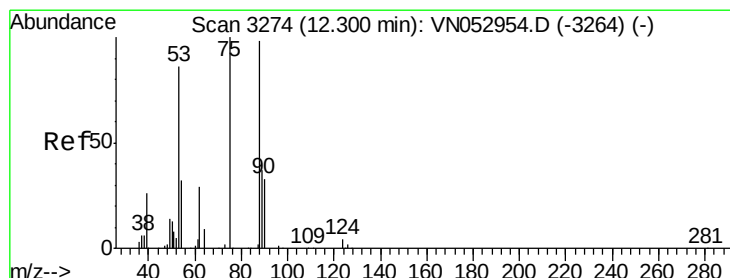
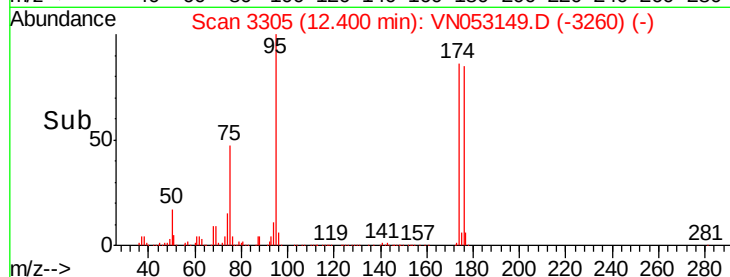
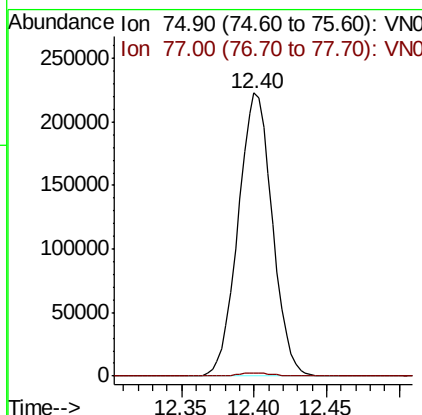
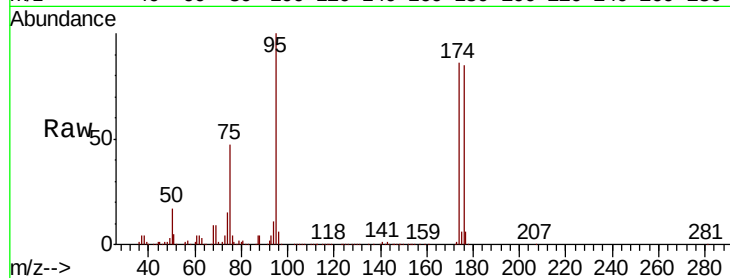




#76
 1,2,3-Trichloropropane
 Concen: 33.183 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053149.D
 Acq: 22 Dec 2018 23:25

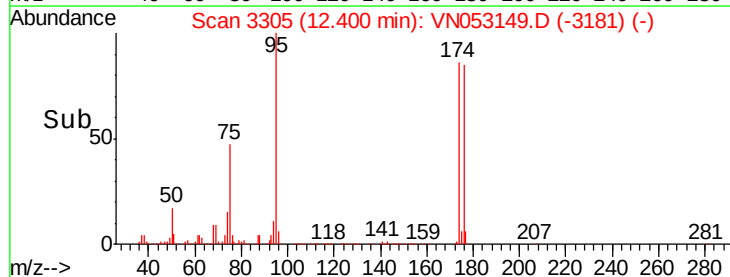
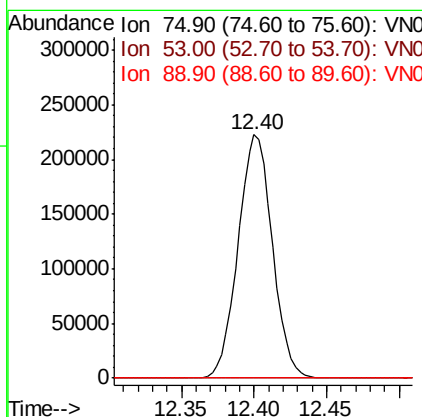
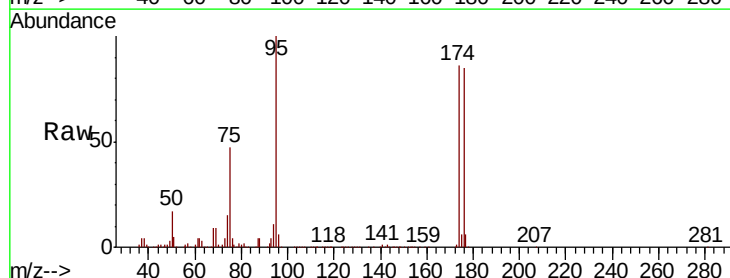
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBL02

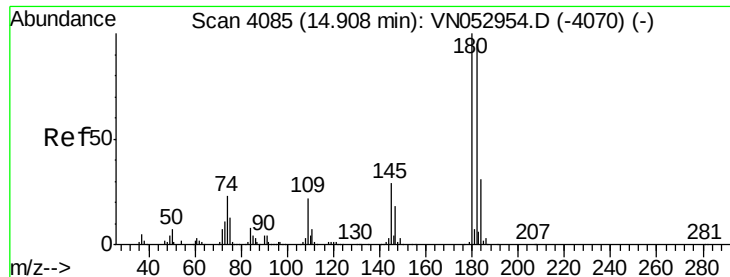
Tot Ion: 75 Resp: 365153
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.953 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053149.D
 Acq: 22 Dec 2018 23:25

Tgt Ion: 75 Resp: 365153
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 36.1 54.1#

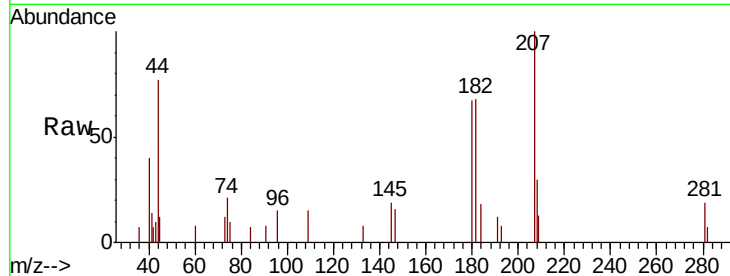




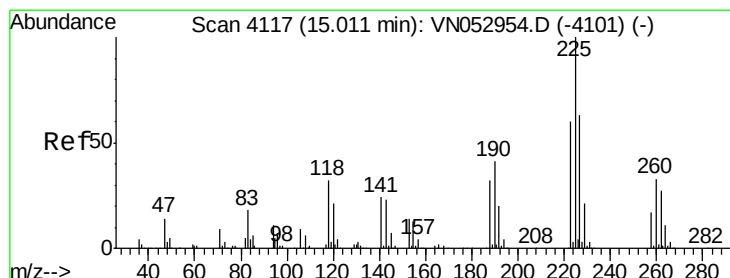
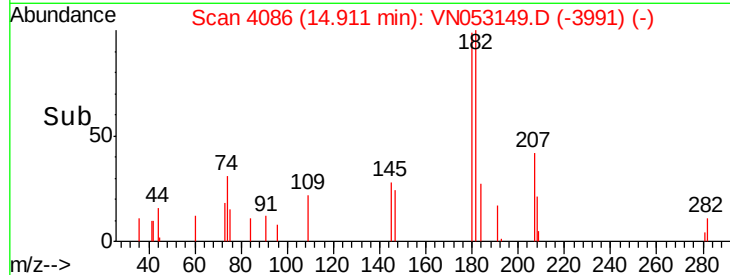
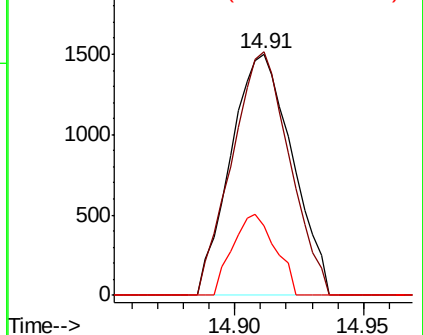
#93
 1,2,4-Trichlorobenzene
 Concen: 0.807 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053149.D
 Acq: 22 Dec 2018 23:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBL02

Tot Ion:180 Resp: 2499
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.8 143.3
 145 23.3 14.2 42.6

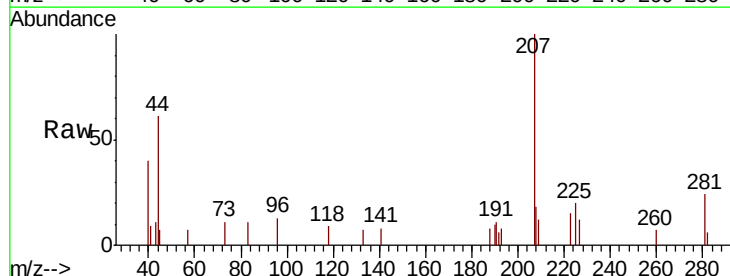


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

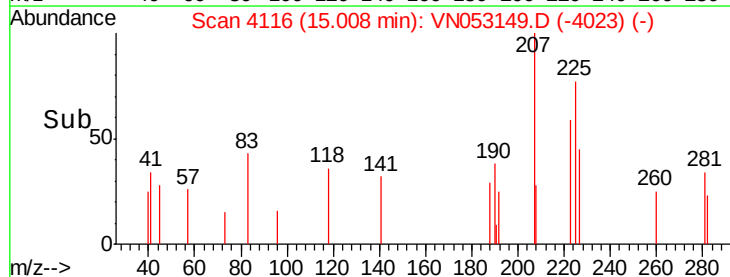
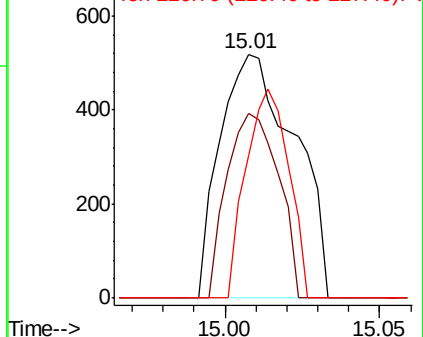


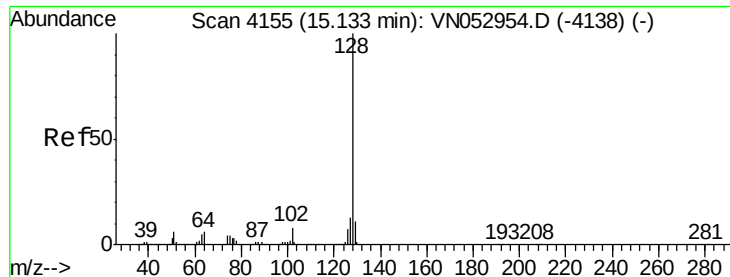
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN053149.D
 Acq: 22 Dec 2018 23:25

Tgt Ion:225 Resp: 868
 Ion Ratio Lower Upper
 225 100
 223 52.5 31.5 94.5
 227 49.0 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.505 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053149.D

Acq: 22 Dec 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBL02

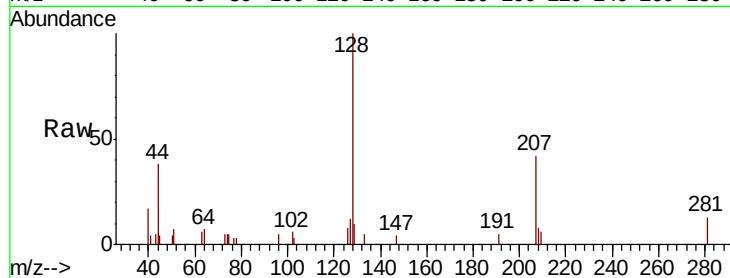
Tot Ion:128 Resp: 9436

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.4

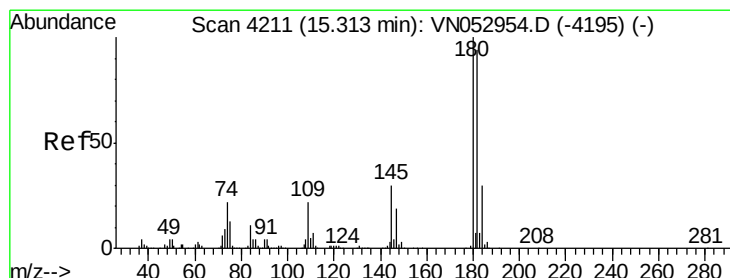
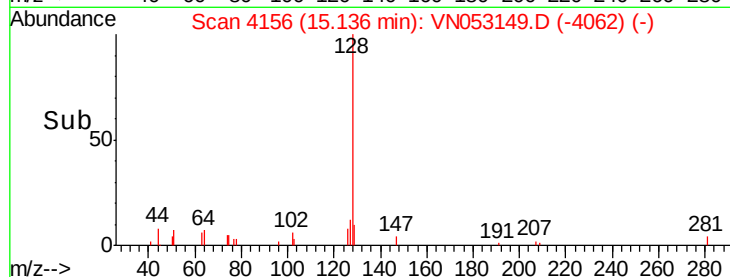
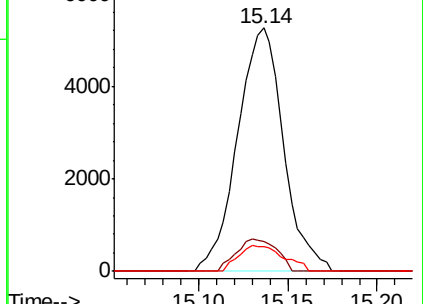
129 10.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.814 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053149.D

Acq: 22 Dec 2018 23:25

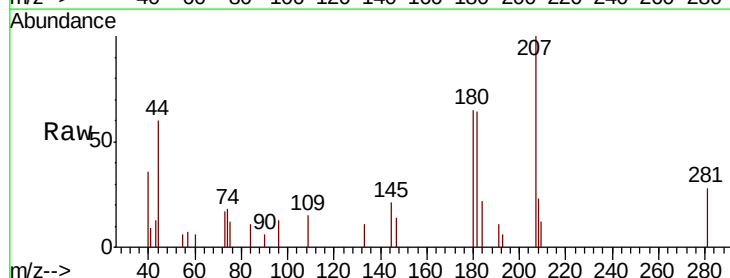
Tgt Ion:180 Resp: 3264

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

145 37.7 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

