

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050824.D
 Acq On : 22 Aug 2018 17:05
 Operator : MD\SY
 Sample : PB112269ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#06

Quant Time: Aug 23 01:07:20 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	746990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1213546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1028893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	409695	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	479512	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
35) Dibromofluoromethane	7.59	113	451931	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	10.09	98	1643139	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
62) 4-Bromofluorobenzene	12.40	95	488537	40.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.46%	

Target Compounds

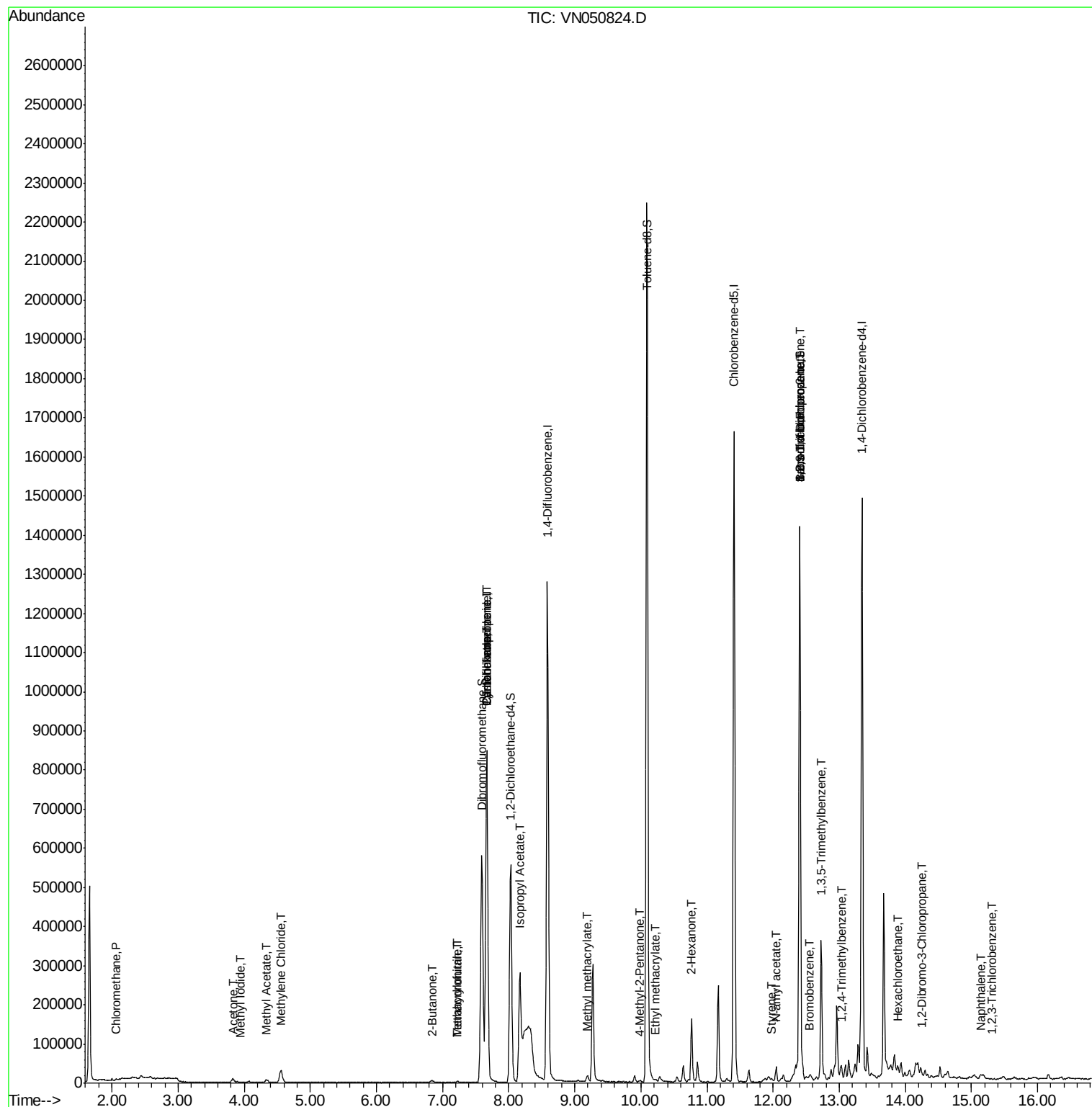
						Qvalue
3) Chloromethane	2.06	50	2848	0.23	ug/l #	87
5) Bromomethane	2.57	94	3171	Below	Cal #	78
10) Methyl Iodide	3.95	142	492	6.39	ug/l #	51
16) Acetone	3.83	43	16885	0.89	ug/l	89
18) Methyl Acetate	4.33	43	14012	1.65	ug/l	97
20) Methylene Chloride	4.56	84	25946	2.56	ug/l	93
25) 2-Butanone	6.85	43	3789	1.05	ug/l	93
29) Tetrahydrofuran	7.22	42	2702	1.30	ug/l #	76
31) Cyclohexane	7.67	56	12974	1.31	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	50220	3.51	ug/l #	48
38) Carbon Tetrachloride	7.67	117	65256	4.51	ug/l #	17
41) Methacrylonitrile	7.22	41	1081	0.24	ug/l #	30
43) Isopropyl Acetate	8.17	43	376454	26.62	ug/l	94
48) Methyl methacrylate	9.18	41	9699	1.35	ug/l #	15
51) 4-Methyl-2-Pentanone	9.99	43	2356	0.28	ug/l	98
56) Ethyl methacrylate	10.23	69	2767	2.56	ug/l #	61
59) 2-Hexanone	10.77	43	23397	4.16	ug/l #	55
70) Styrene	11.97	104	567	1.29	ug/l #	71
71) Bromoform	12.40	173	2628	0.39	ug/l #	1
74) N-amyl acetate	12.05	43	6870	0.81	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.48	83	318	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	229798	32.02	ug/l #	100
77) Bromobenzene	12.54	156	5923	0.64	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	10136	0.37	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	229798	108.26	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	7335	0.27	ug/l	95
90) Hexachloroethane	13.88	117	90	0.20	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	434	0.36	ug/l #	1
95) Naphthalene	15.14	128	9209	5.90	ug/l	95
96) 1,2,3-Trichlorobenzene	15.31	180	68	3.30	ug/l #	1

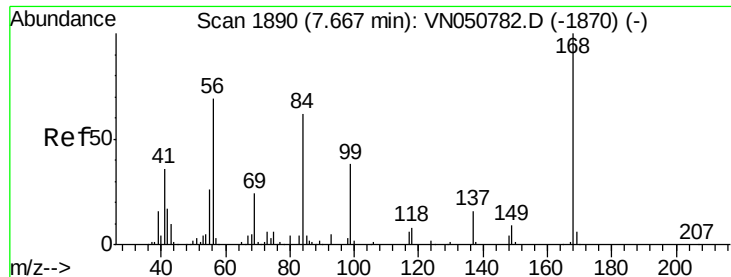
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

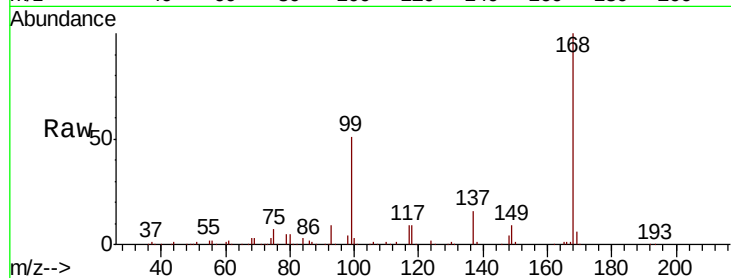
PB112269ZHE#06

Tot Ion:168 Resp: 746990

Ion Ratio Lower Upper

168 100

99 51.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

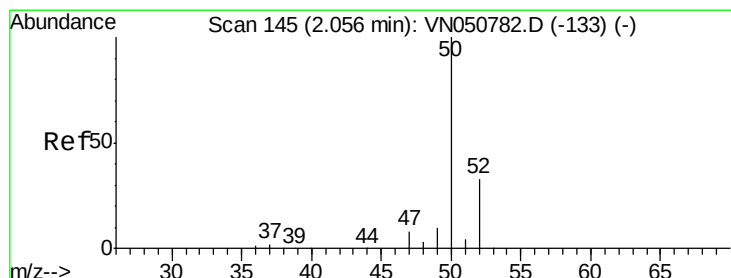
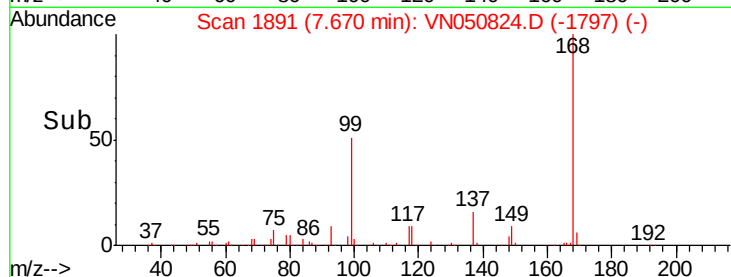
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050824.D

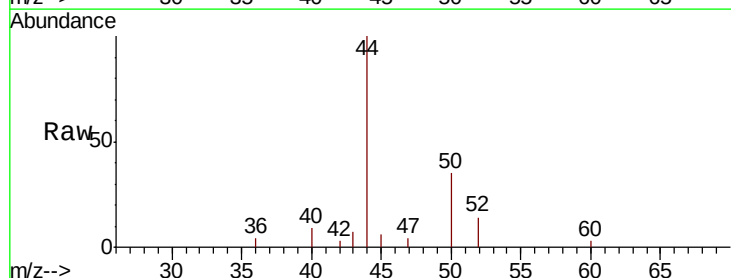
Acq: 22 Aug 2018 17:05

Tgt Ion: 50 Resp: 2848

Ion Ratio Lower Upper

50 100

52 40.3 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

2500

2000

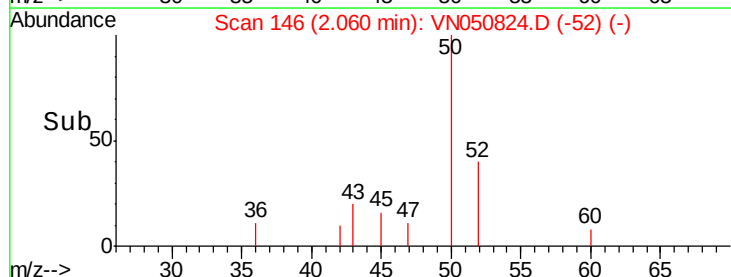
1500

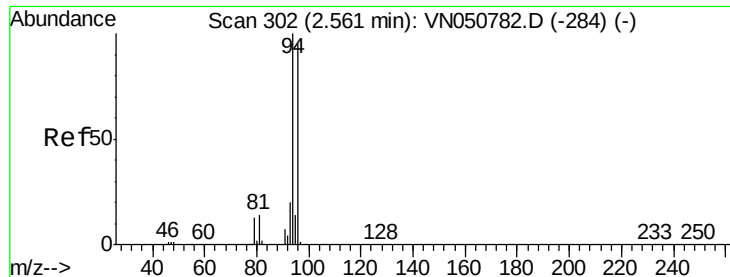
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

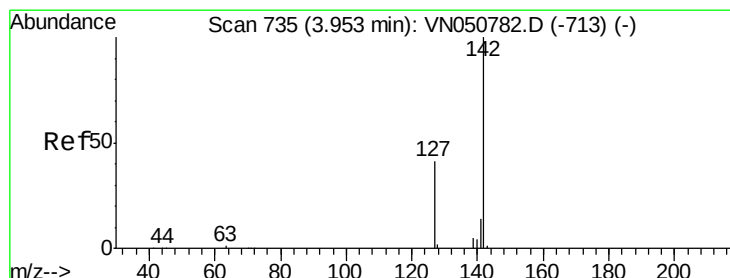
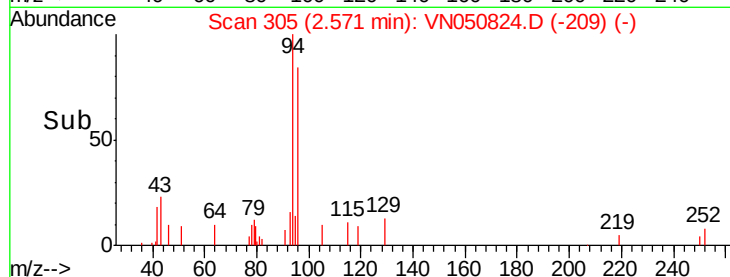
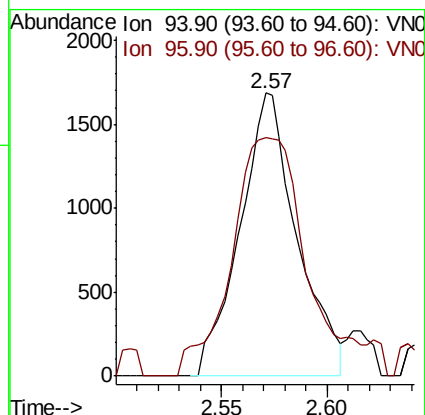
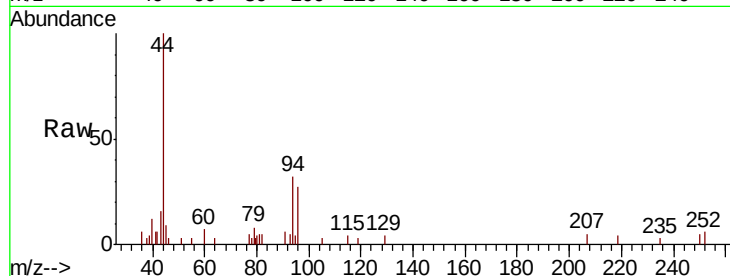
PB112269ZHE#06

Tot Ion: 94 Resp: 3171

Ion Ratio Lower Upper

94 100

96 73.7 76.2 114.2#



#10

Methyl Iodide

Concen: 6.39 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.01 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

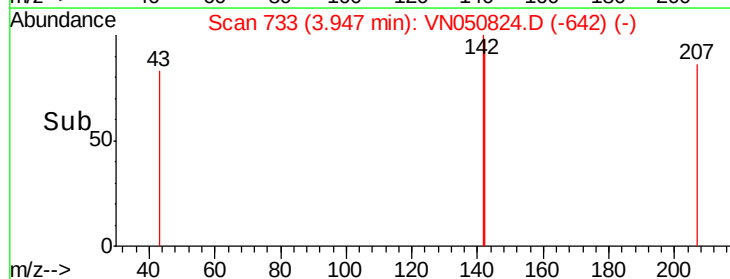
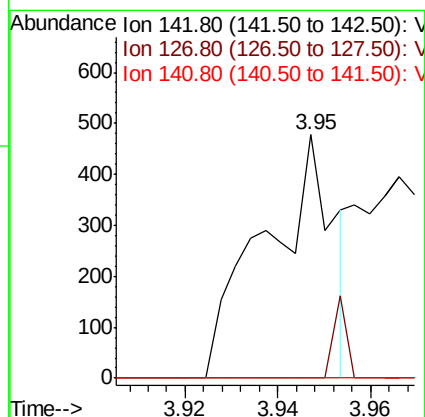
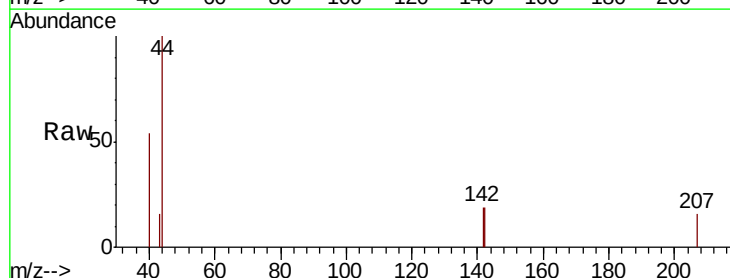
Tgt Ion: 142 Resp: 492

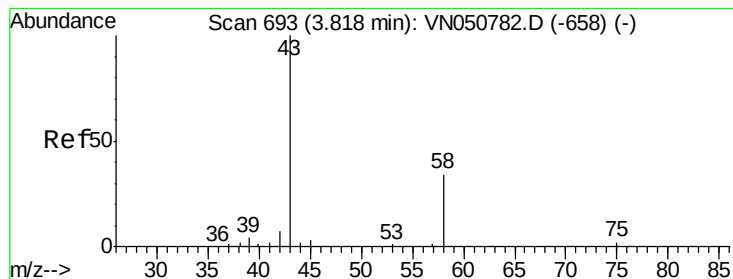
Ion Ratio Lower Upper

142 100

127 6.3 31.7 47.5#

141 0.0 11.4 17.0#





#16

Acetone

Concen: 0.89 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

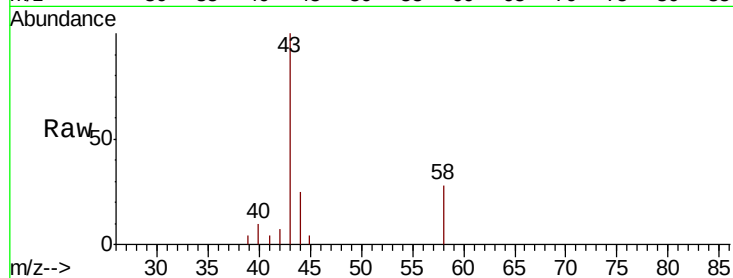
PB112269ZHE#06

Tot Ion: 43 Resp: 16885

Ion Ratio Lower Upper

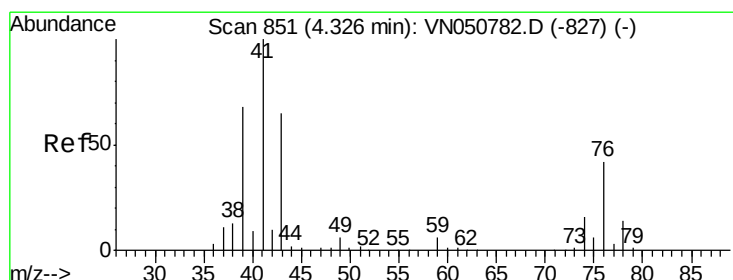
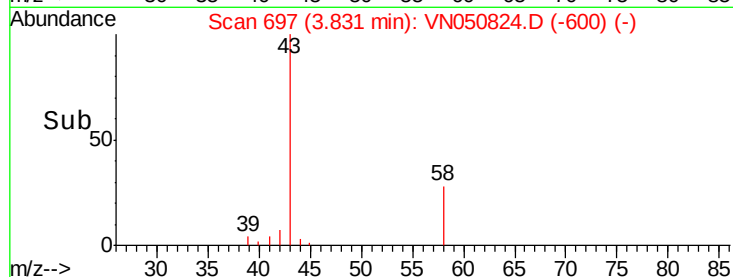
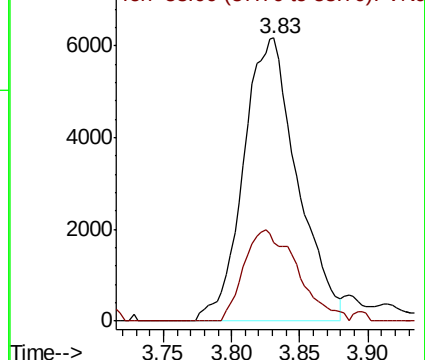
43 100

58 27.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.65 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050824.D

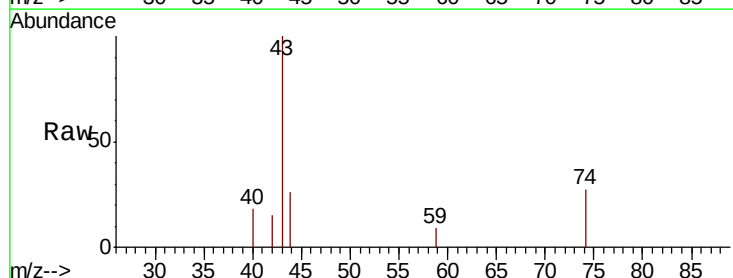
Acq: 22 Aug 2018 17:05

Tgt Ion: 43 Resp: 14012

Ion Ratio Lower Upper

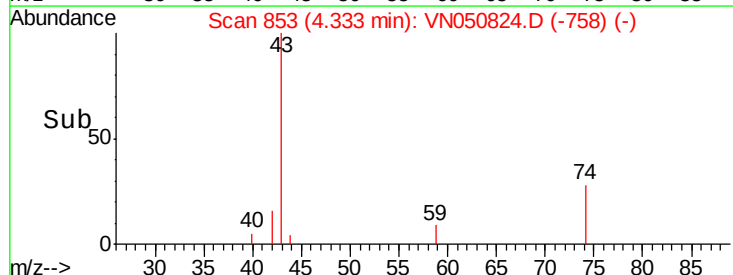
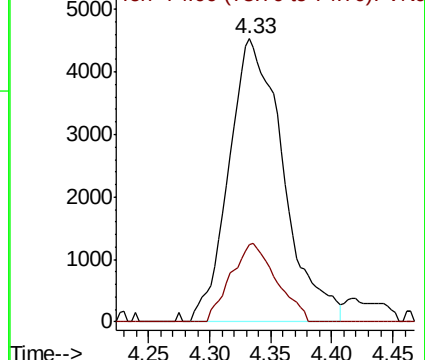
43 100

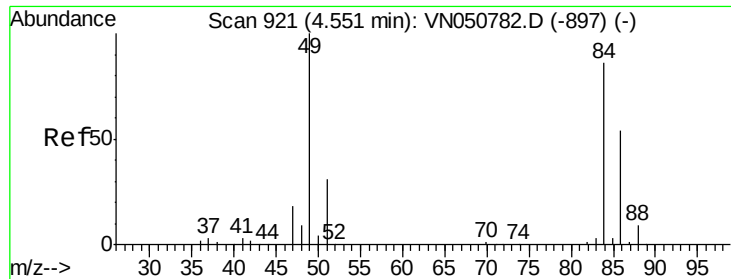
74 23.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

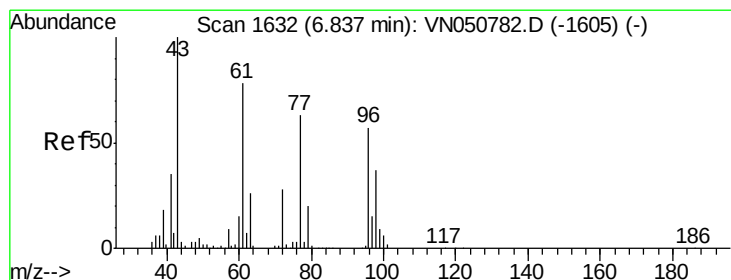
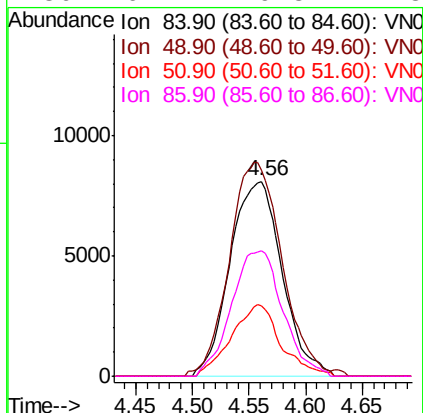
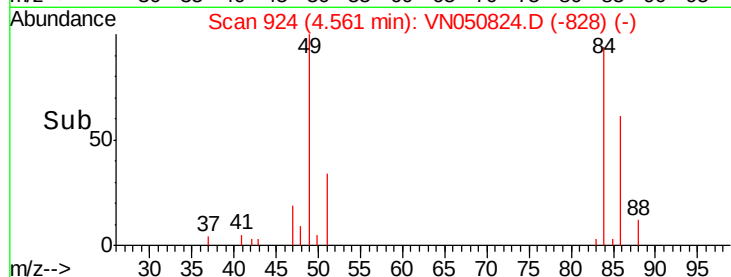
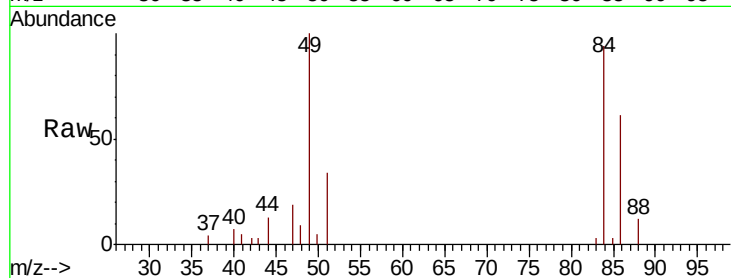




#20
Methylene Chloride
Concen: 2.56 ug/l
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN050824.D
Acq: 22 Aug 2018 17:05

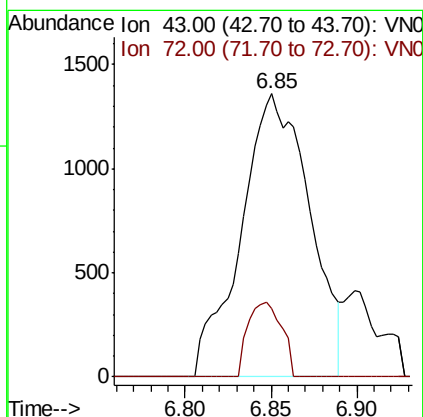
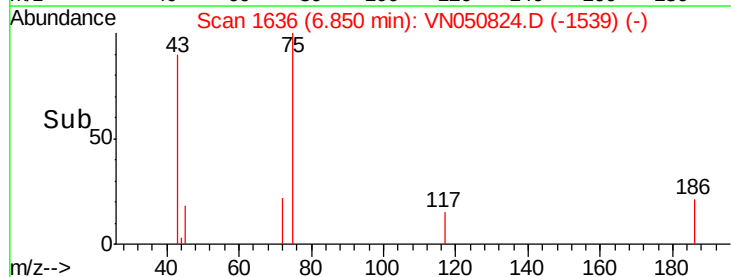
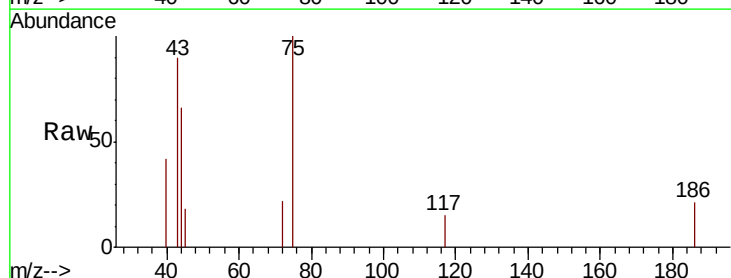
Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#06

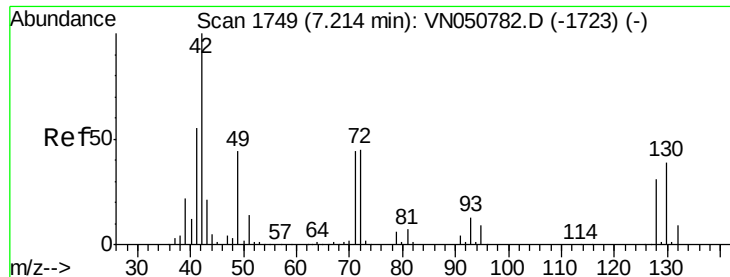
Tot Ion:	84	Resp:	25946
Ion	Ratio	Lower	Upper
84	100		
49	103.8	93.2	139.8
51	35.9	29.0	43.6
86	64.7	49.8	74.8



#25
2-Butanone
Concen: 1.05 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050824.D
Acq: 22 Aug 2018 17:05

Tgt Ion:	43	Resp:	3789
Ion	Ratio	Lower	Upper
43	100		
72	24.0	22.3	33.5





#29

Tetrahydrofuran

Concen: 1.30 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#06

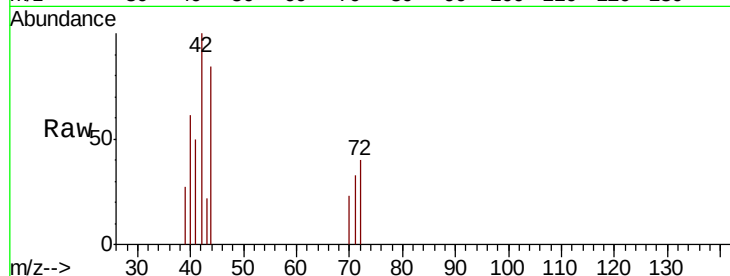
Tot Ion: 42 Resp: 2702

Ion Ratio Lower Upper

42 100

72 34.1 35.5 53.3#

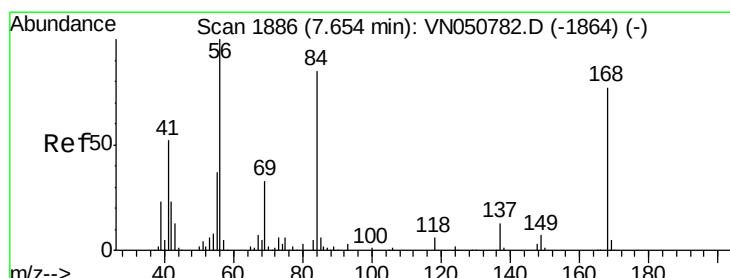
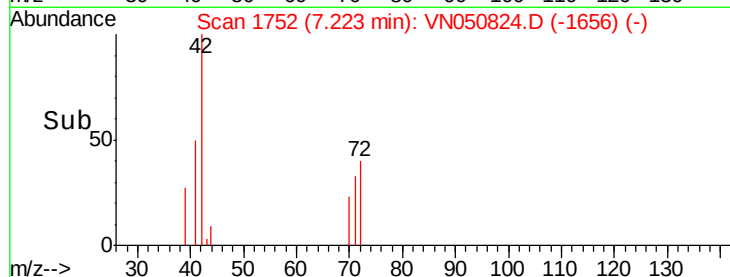
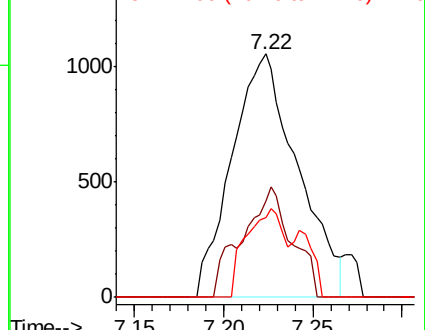
71 21.1 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.31 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

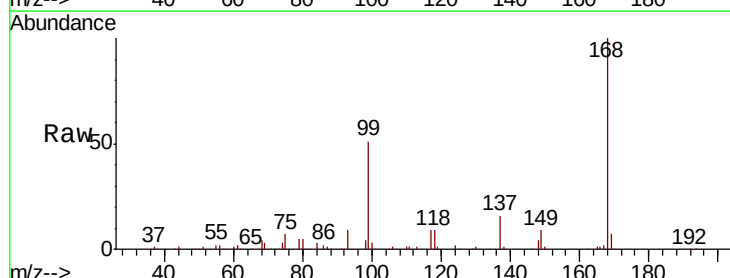
Tgt Ion: 56 Resp: 12974

Ion Ratio Lower Upper

56 100

69 180.0 26.2 39.4#

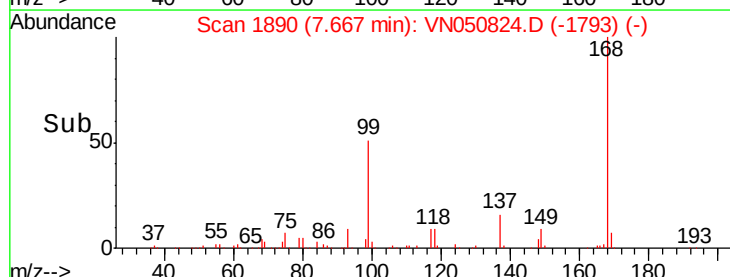
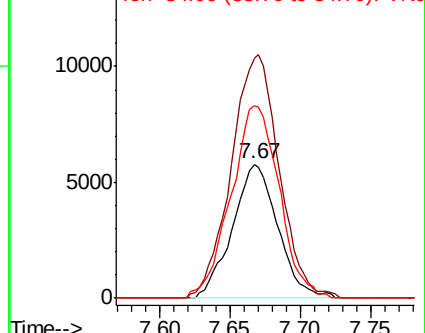
84 144.0 68.3 102.5#

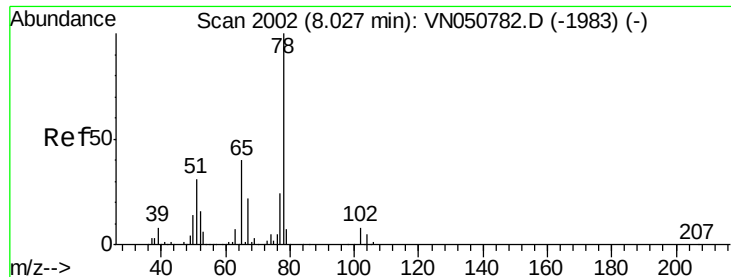


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

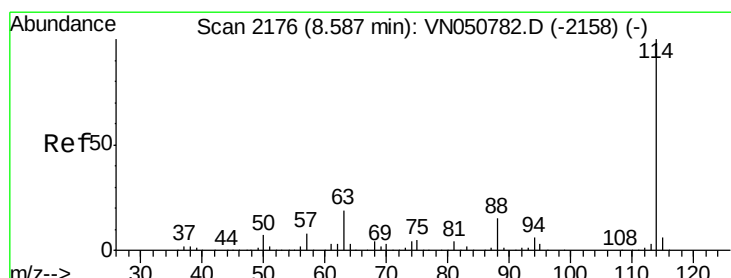
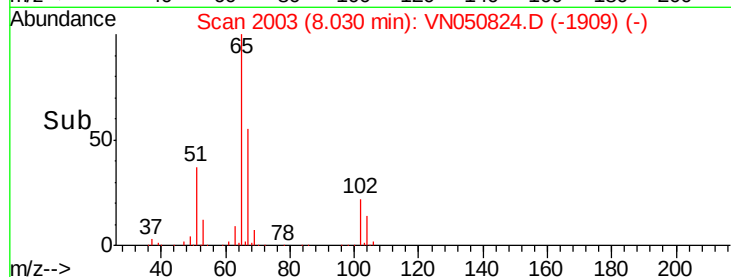
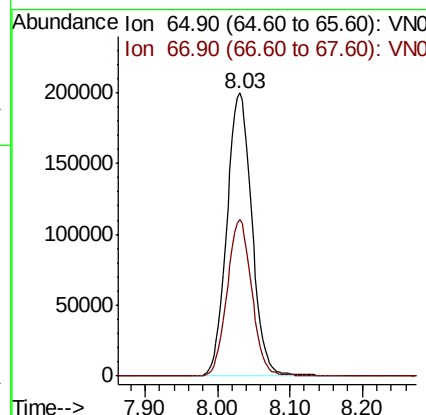
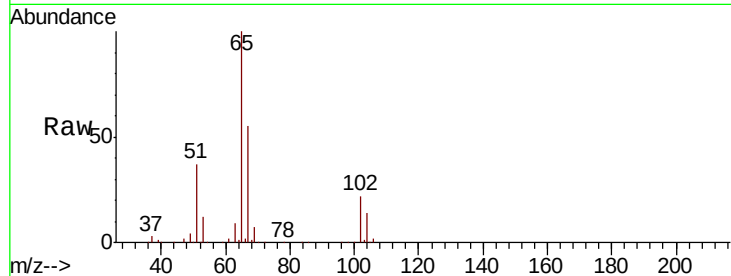




#33
 1,2-Dichloroethane-d4
 Concen: 53.32 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050824.D
 Acq: 22 Aug 2018 17:05

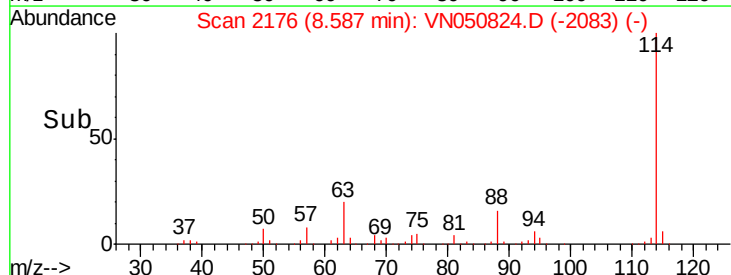
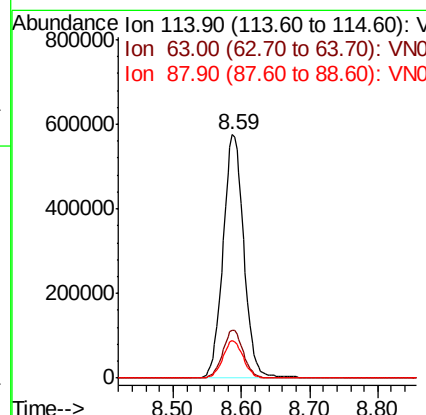
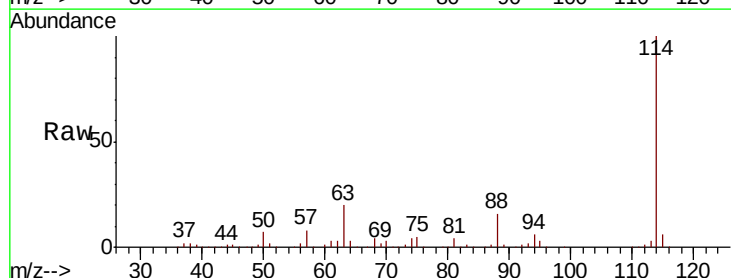
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#06

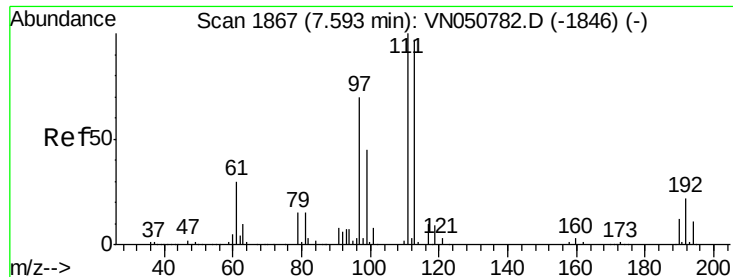
Tot Ion: 65 Resp: 479512
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050824.D
 Acq: 22 Aug 2018 17:05

Tgt Ion: 114 Resp: 1213546
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.5 0.0 30.6

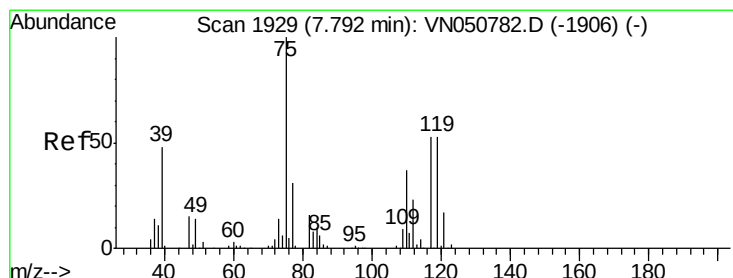
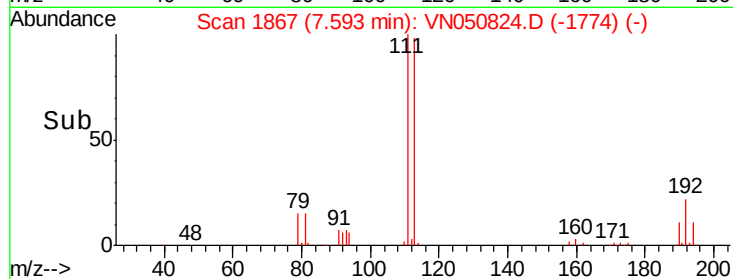
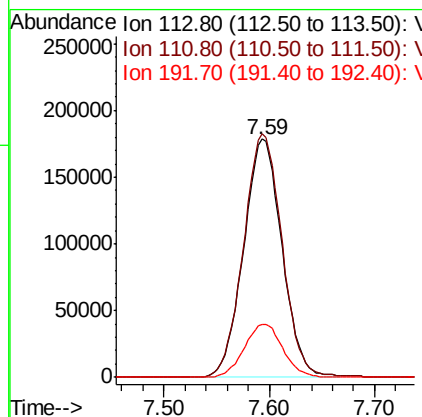
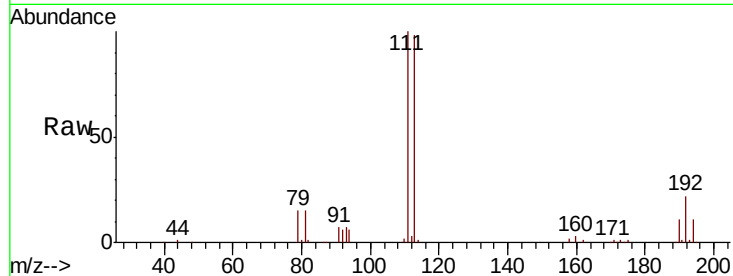




#35
 Dibromofluoromethane
 Concen: 46.81 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050824.D
 Acq: 22 Aug 2018 17:05

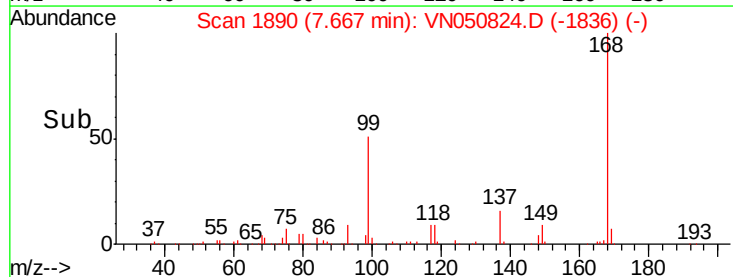
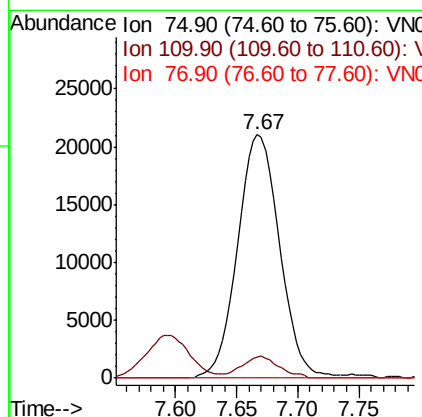
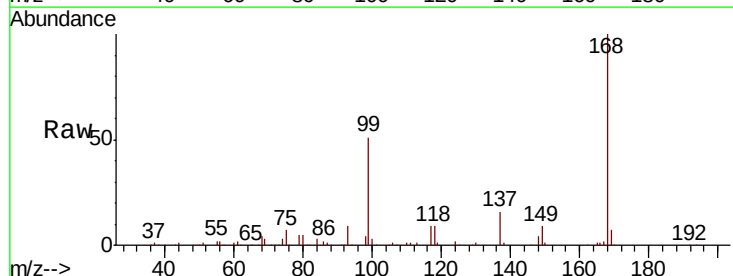
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#06

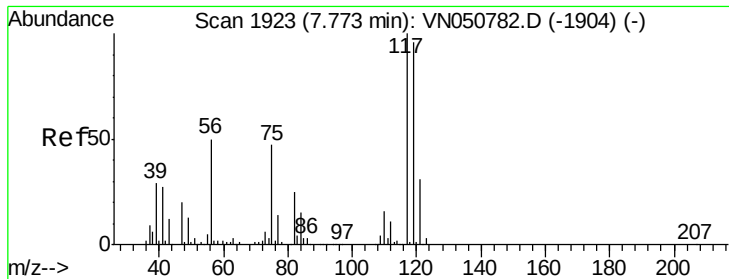
Tot Ion:113 Resp: 451931
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 22.6 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 3.51 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050824.D
 Acq: 22 Aug 2018 17:05

Tgt Ion: 75 Resp: 50220
 Ion Ratio Lower Upper
 75 100
 110 7.8 18.1 54.4#
 77 0.0 24.8 37.2#

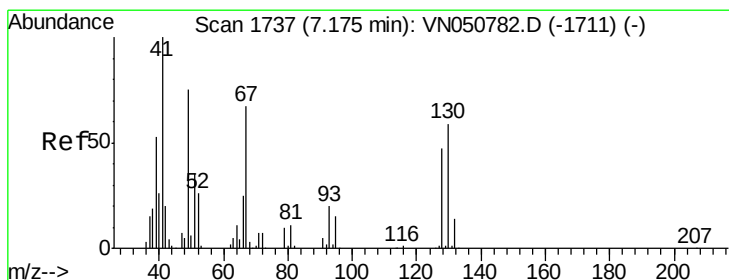
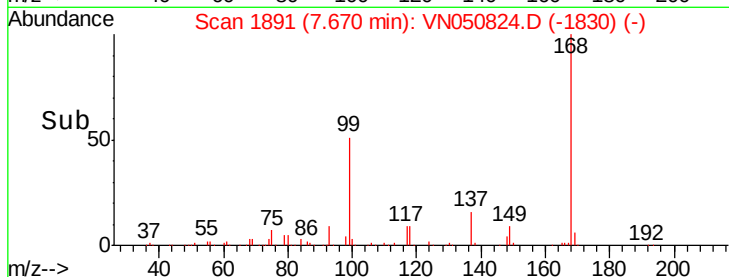
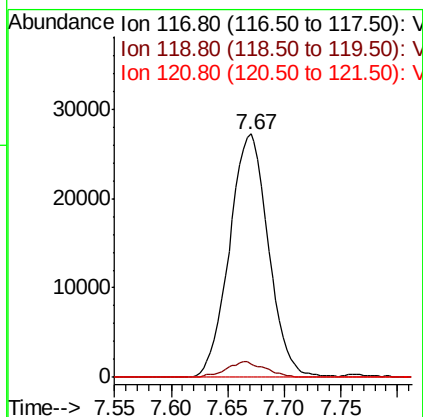
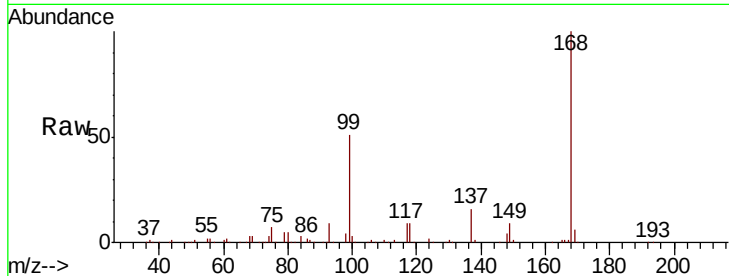




#38
Carbon Tetrachloride
Concen: 4.51 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.10 min
Lab File: VN050824.D
Acq: 22 Aug 2018 17:05

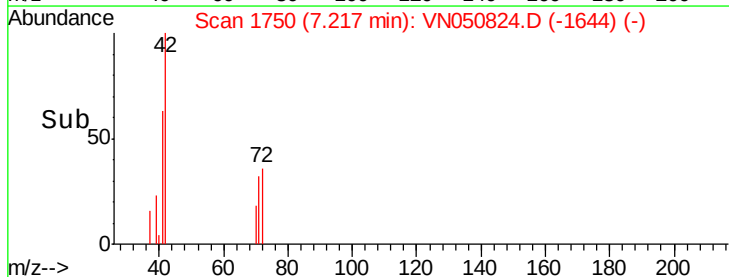
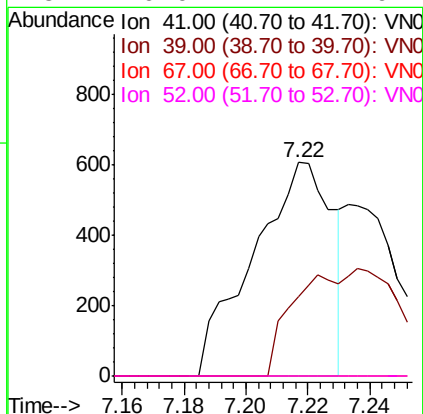
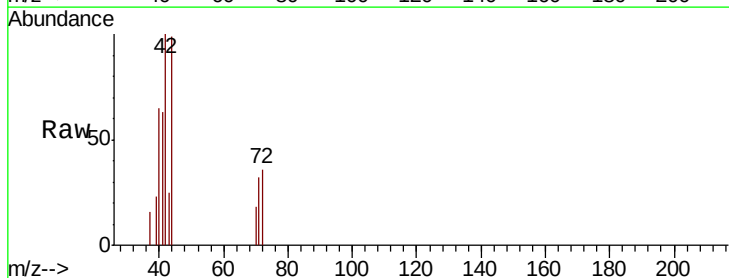
Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#06

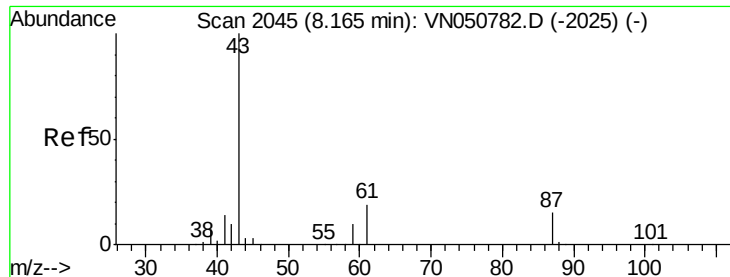
Tot Ion:117 Resp: 65256
Ion Ratio Lower Upper
117 100
119 5.6 76.3 114.5#
121 0.0 24.6 36.8#



#41
Methacrylonitrile
Concen: 0.24 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.04 min
Lab File: VN050824.D
Acq: 22 Aug 2018 17:05

Tgt Ion: 41 Resp: 1081
Ion Ratio Lower Upper
41 100
39 29.4 45.4 68.0#
67 0.0 70.6 106.0#
52 0.0 27.1 40.7#





#43

Isopropyl Acetate

Concen: 26.62 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#06

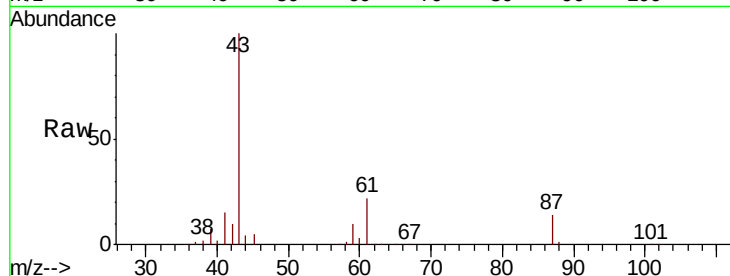
Tot Ion: 43 Resp: 376454

Ion Ratio Lower Upper

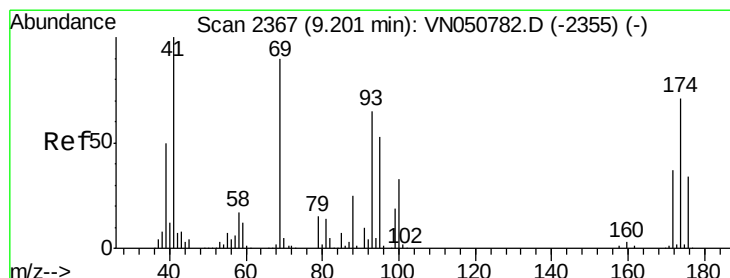
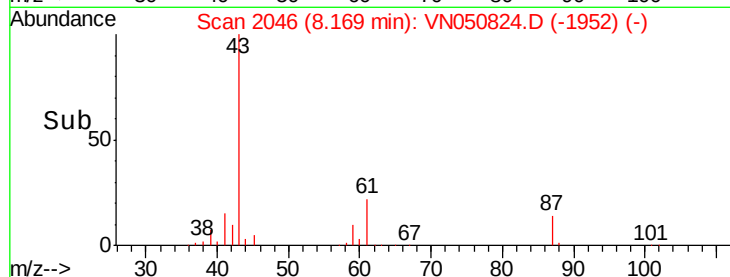
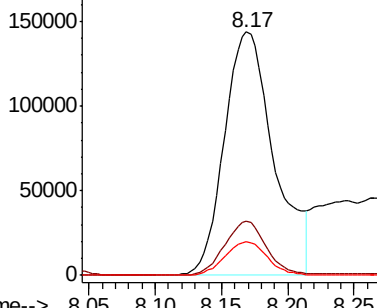
43 100

61 18.8 17.5 26.3

87 11.8 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.35 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

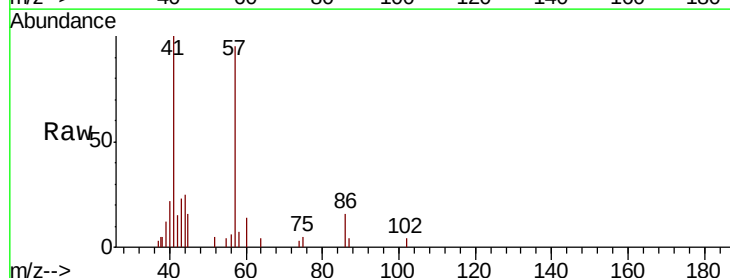
Tgt Ion: 41 Resp: 9699

Ion Ratio Lower Upper

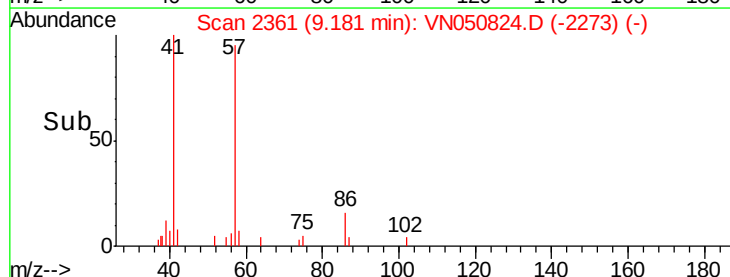
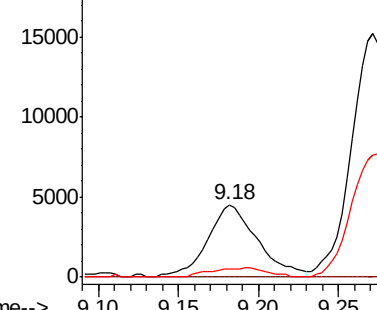
41 100

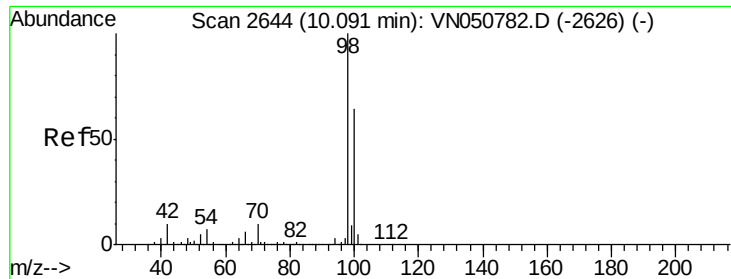
69 0.0 74.7 112.1#

39 6.9 42.2 63.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

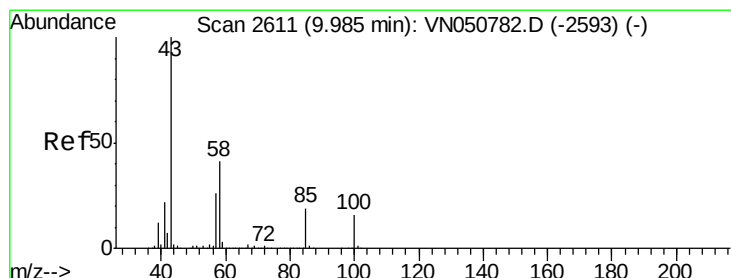
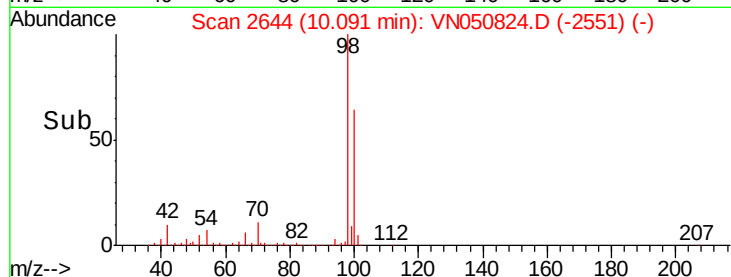
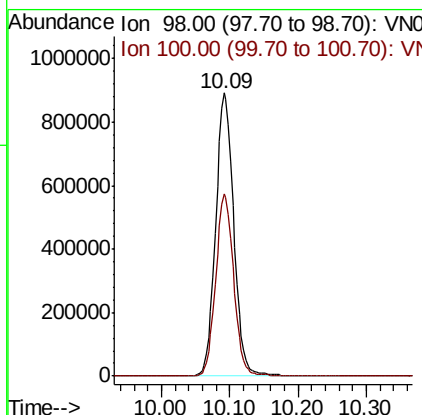
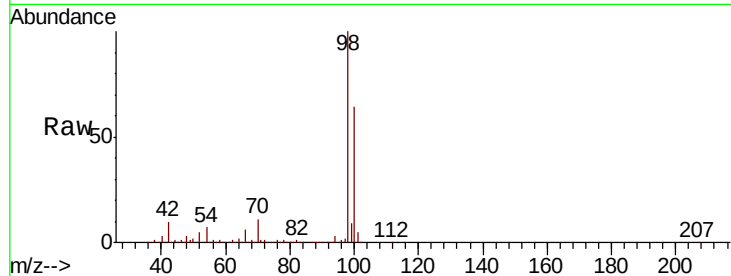




#50
Toluene-d8
Concen: 45.52 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050824.D
Acq: 22 Aug 2018 17:05

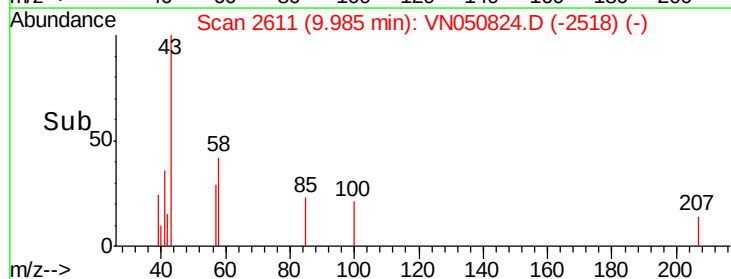
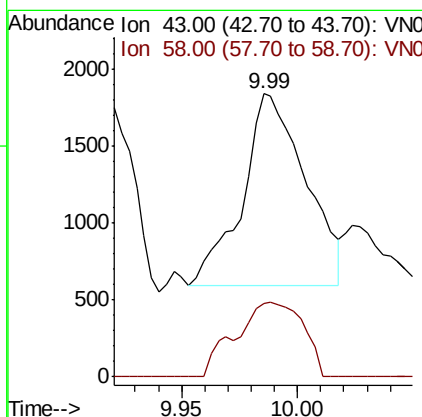
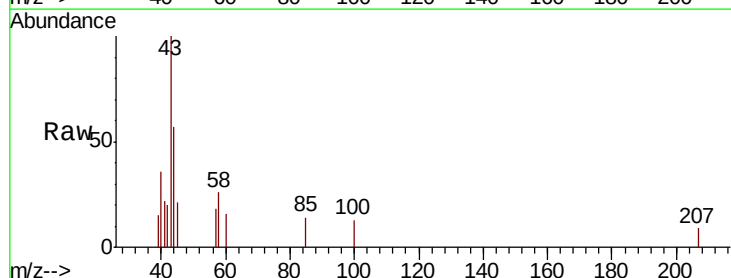
Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#06

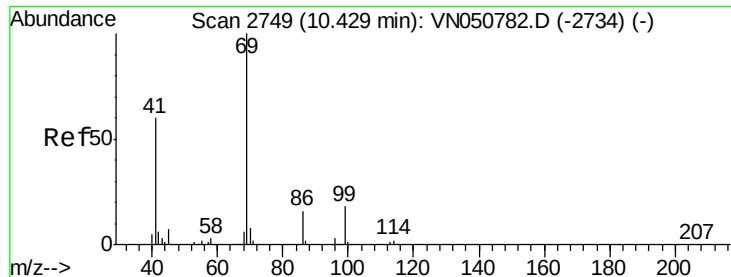
Tot Ion: 98 Resp: 1643139
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.28 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN050824.D
Acq: 22 Aug 2018 17:05

Tgt Ion: 43 Resp: 2356
Ion Ratio Lower Upper
43 100
58 41.9 32.4 48.6





#56

Ethyl methacrylate

Concen: 2.56 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#06

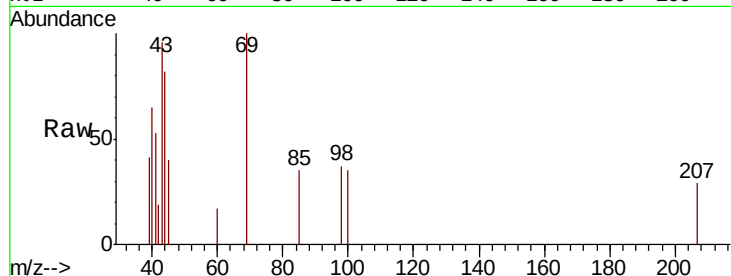
Tot Ion: 69 Resp: 2767

Ion Ratio Lower Upper

69 100

41 26.2 48.3 72.5#

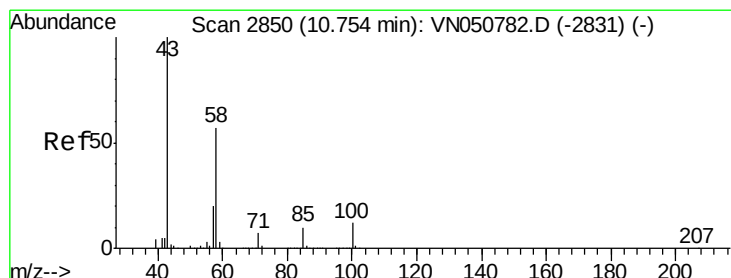
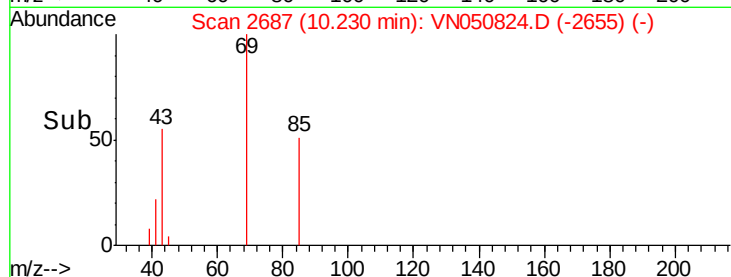
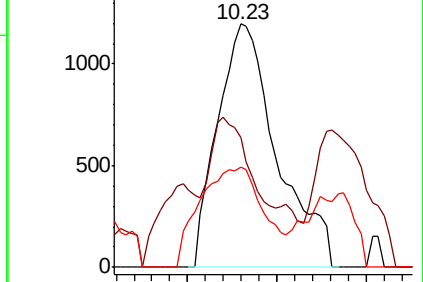
39 44.6 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 4.16 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050824.D

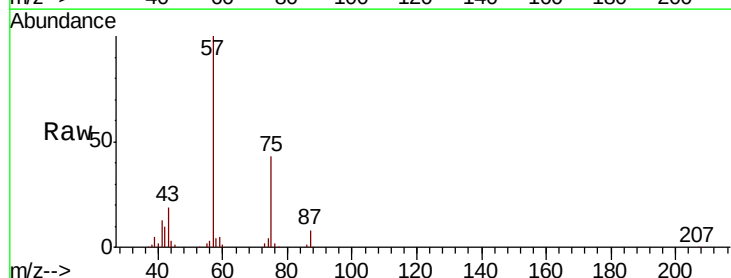
Acq: 22 Aug 2018 17:05

Tgt Ion: 43 Resp: 23397

Ion Ratio Lower Upper

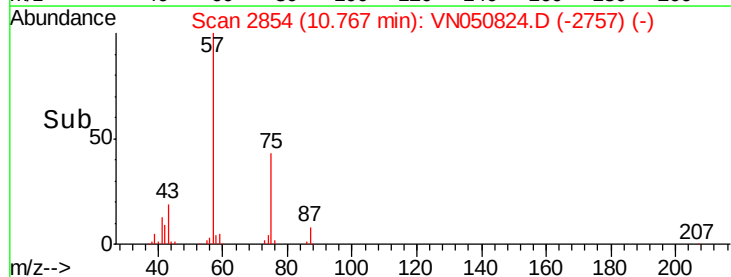
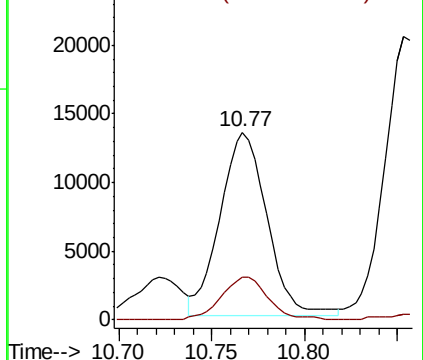
43 100

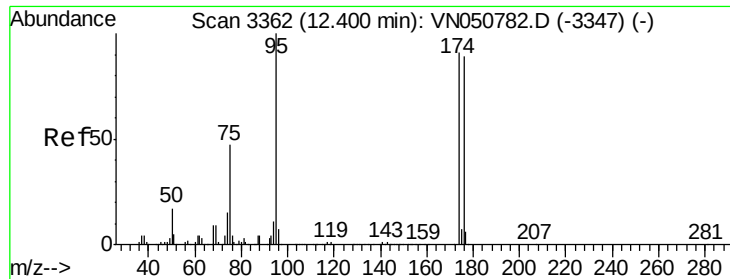
58 23.5 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

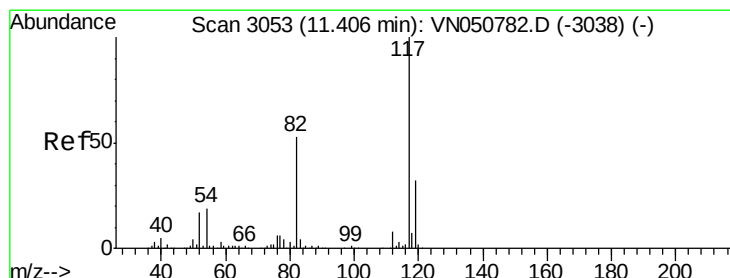
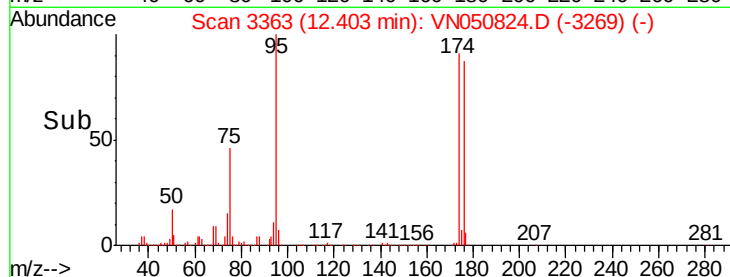
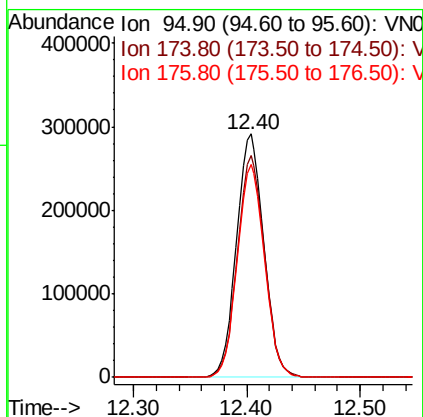
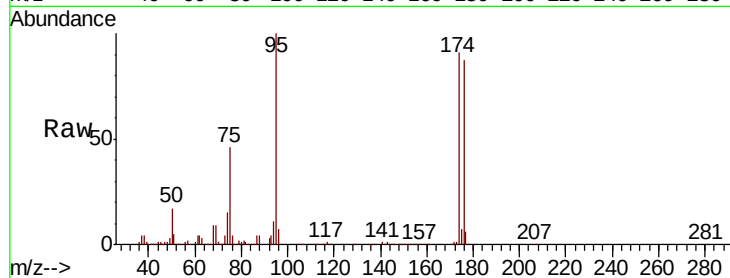




#62
4-Bromofluorobenzene
Concen: 40.73 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050824.D
Acq: 22 Aug 2018 17:05

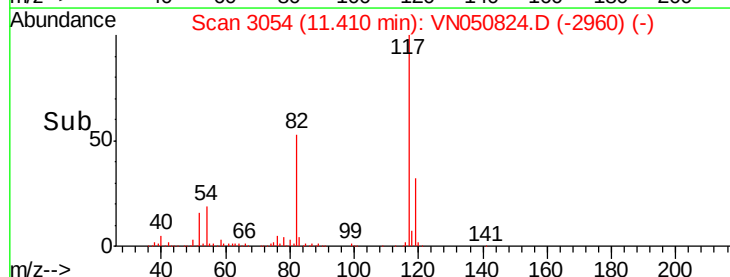
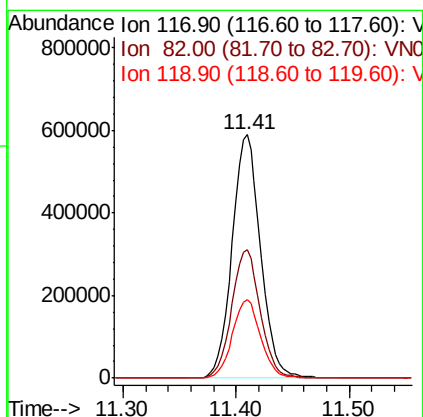
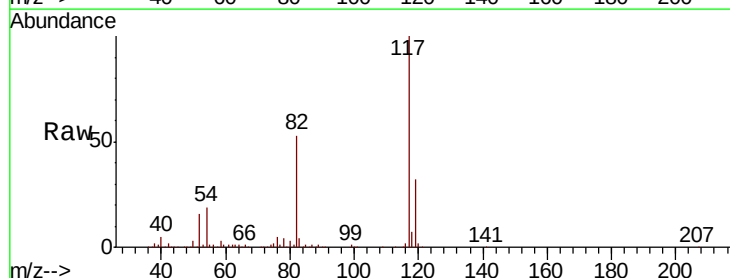
Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#06

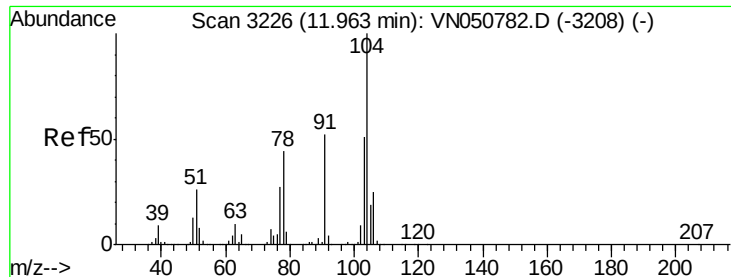
Tot Ion: 95 Resp: 488537
Ion Ratio Lower Upper
95 100
174 91.1 0.0 183.0
176 87.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050824.D
Acq: 22 Aug 2018 17:05

Tgt Ion: 117 Resp: 1028893
Ion Ratio Lower Upper
117 100
82 52.5 42.6 64.0
119 32.4 25.8 38.6





#70

Stvrene

Concen: 1.29 ug/l

RT: 11.97 min Scan# 3228

Delta R.T. 0.01 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#06

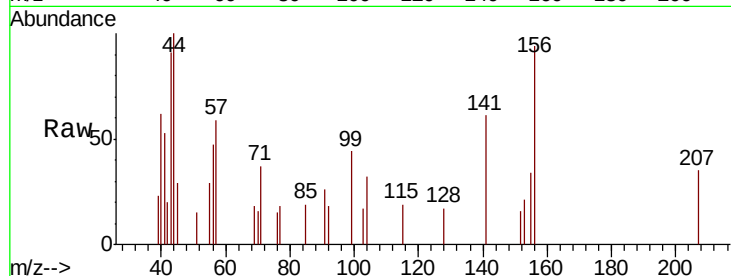
Tot Ion:104 Resp: 567

Ion Ratio Lower Upper

104 100

78 27.9 38.2 57.4#

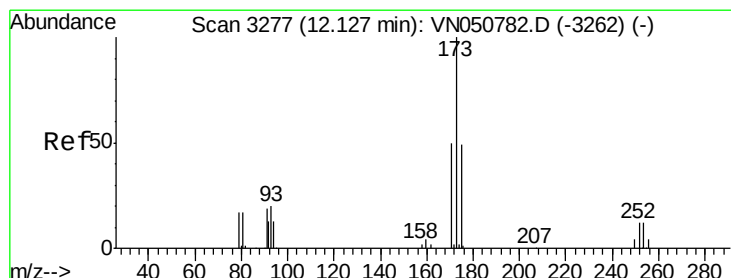
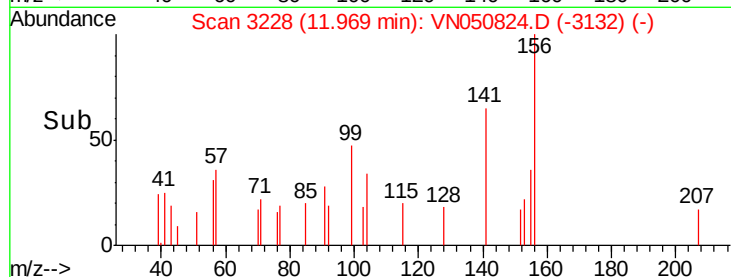
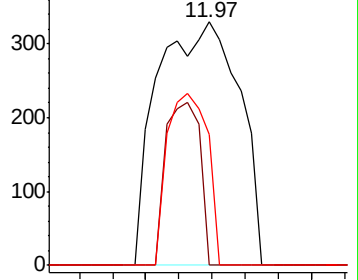
103 34.7 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.39 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

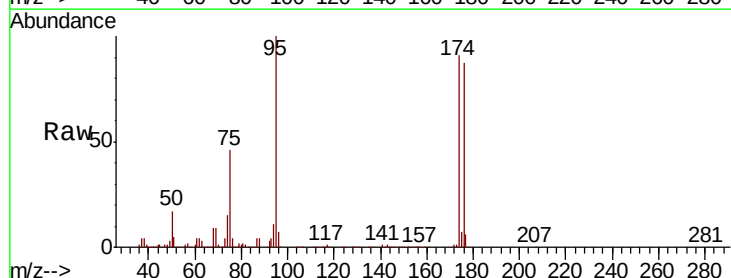
Tgt Ion:173 Resp: 2628

Ion Ratio Lower Upper

173 100

175 1016.1 24.4 73.4#

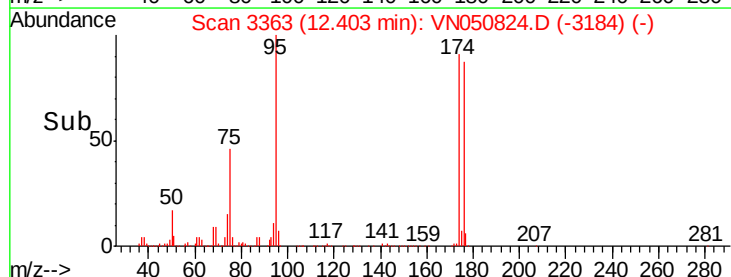
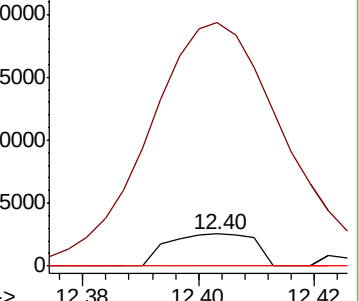
254 0.0 0.1 0.1#

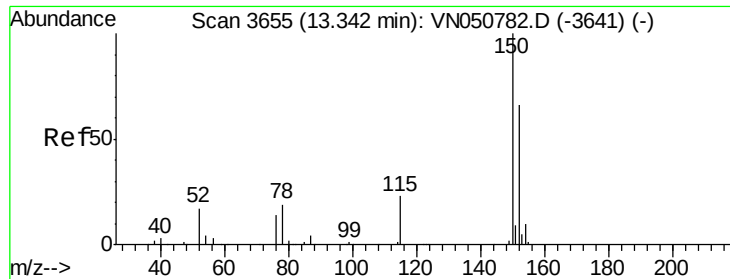


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#06

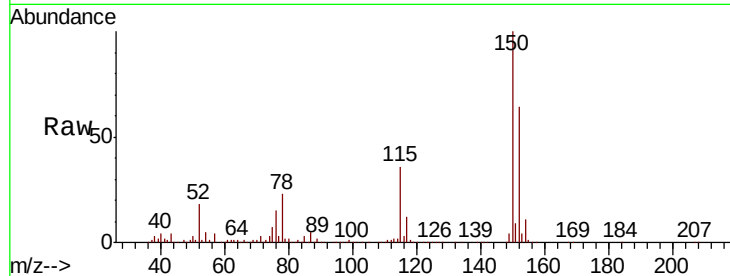
Tot Ion:152 Resp: 409695

Ion Ratio Lower Upper

152 100

115 56.9 27.8 83.4

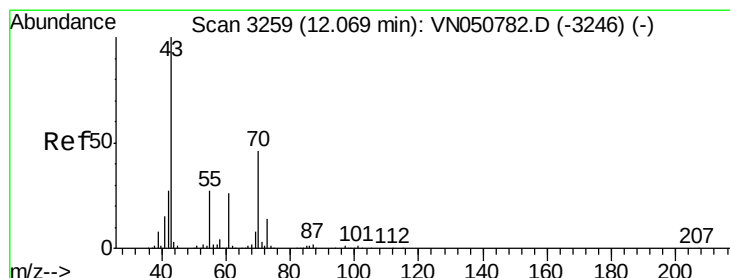
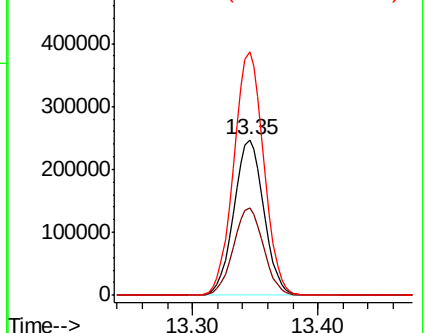
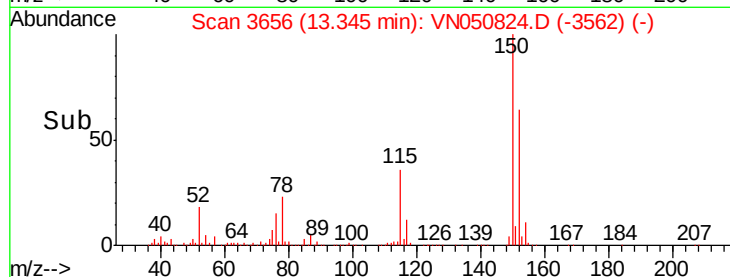
150 156.8 0.0 351.4



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



#74

N-ethyl acetate

Concen: 0.81 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.02 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Tgt Ion: 43 Resp: 6870

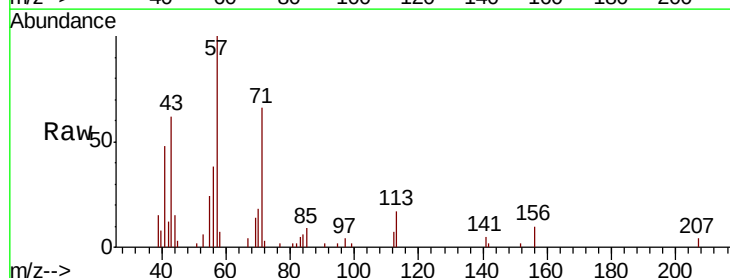
Ion Ratio Lower Upper

43 100

70 33.8 36.2 54.2#

55 33.1 21.8 32.8#

61 0.0 20.5 30.7#

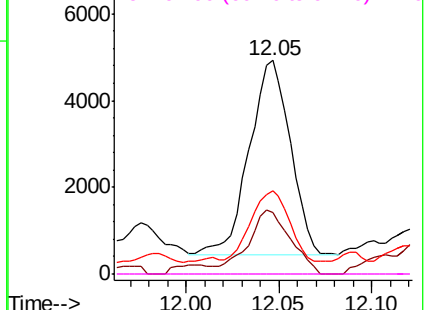
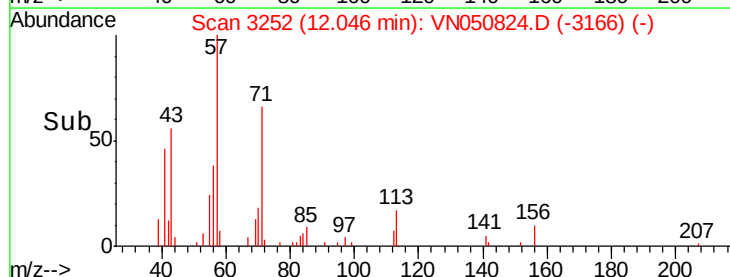


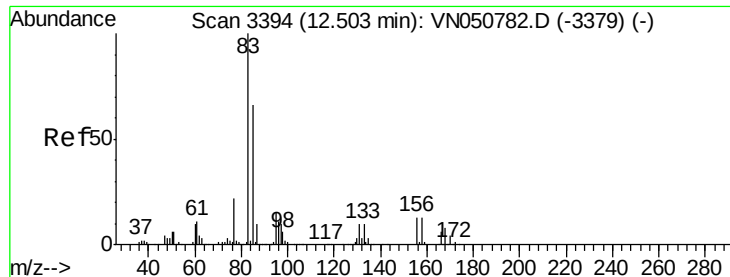
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3388

Delta R.T. -0.02 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#06

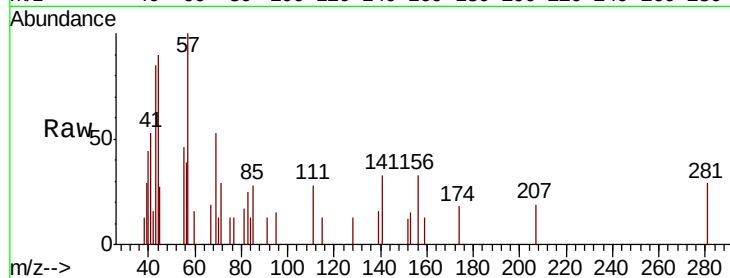
Tot Ion: 83 Resp: 318

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

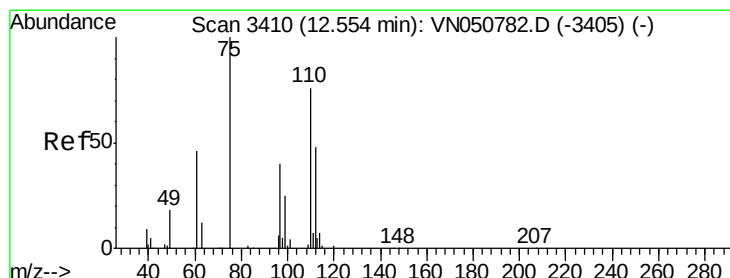
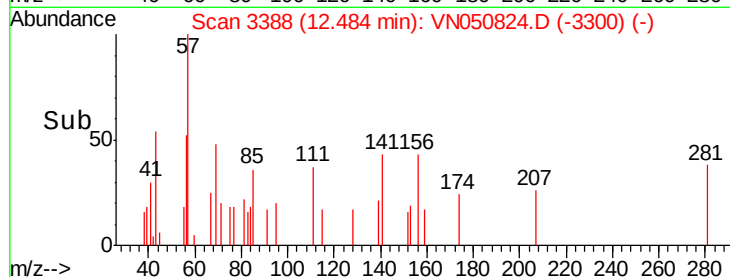
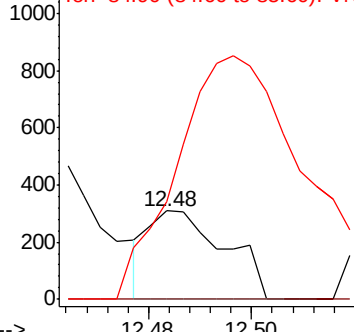
85 442.1 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 32.02 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050824.D

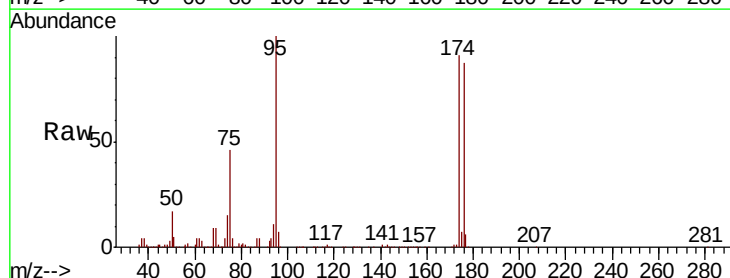
Acq: 22 Aug 2018 17:05

Tgt Ion: 75 Resp: 229798

Ion Ratio Lower Upper

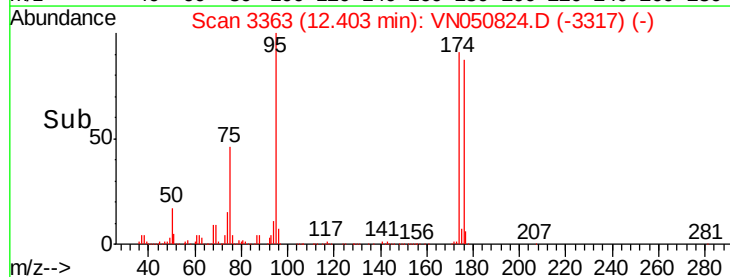
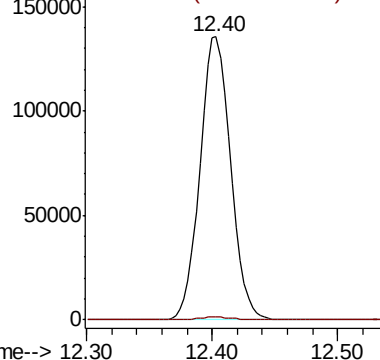
75 100

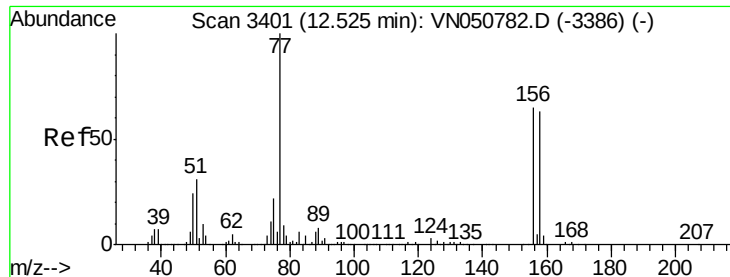
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 0.64 ug/l

RT: 12.54 min Scan# 3406

Delta R.T. 0.02 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#06

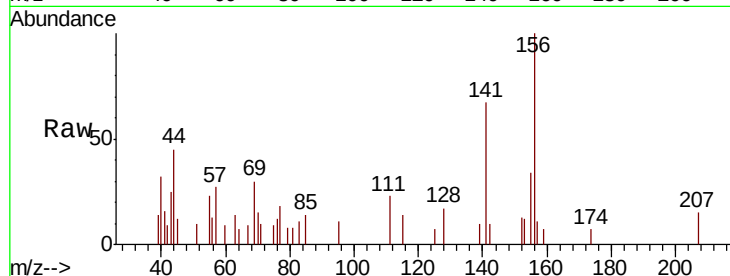
Tot Ion:156 Resp: 5923

Ion Ratio Lower Upper

156 100

77 1.6 89.9 269.7#

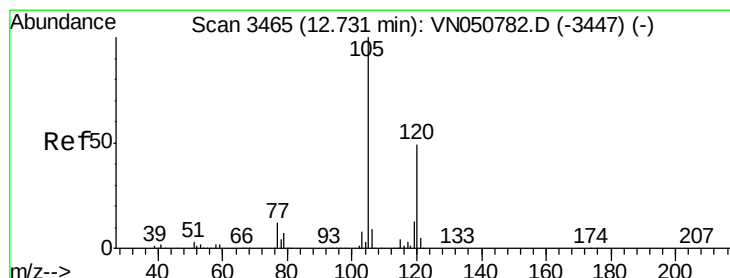
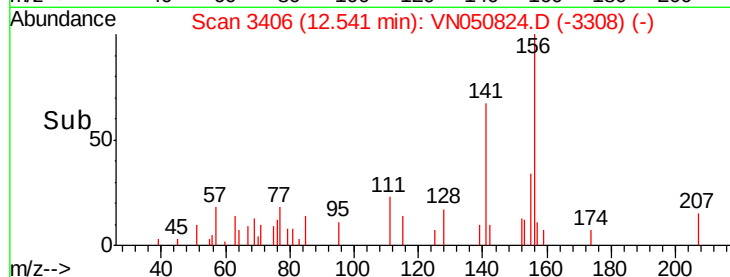
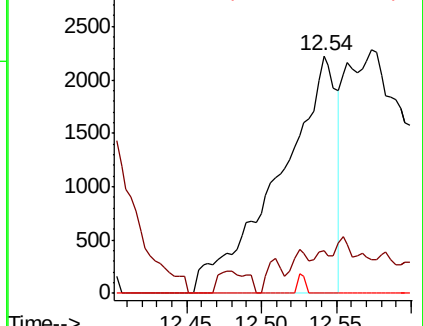
158 0.0 49.3 147.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.37 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. 0.00 min

Lab File: VN050824.D

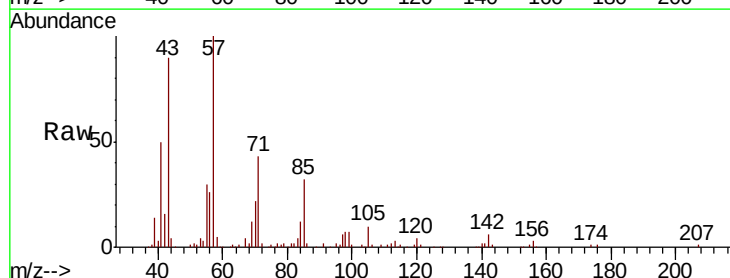
Acq: 22 Aug 2018 17:05

Tgt Ion:105 Resp: 10136

Ion Ratio Lower Upper

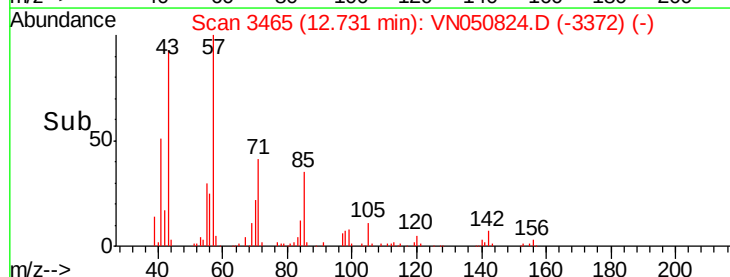
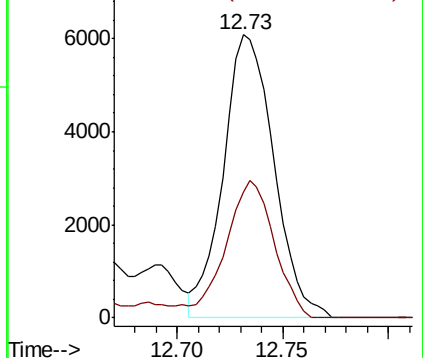
105 100

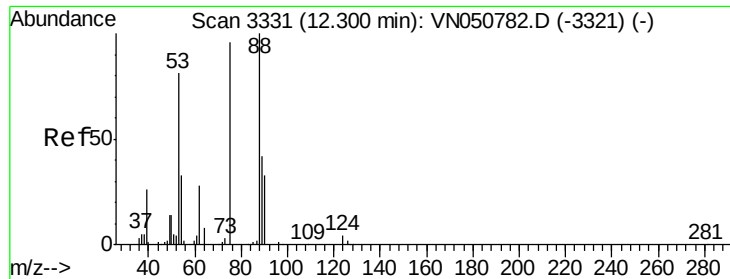
120 46.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 108.26 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#06

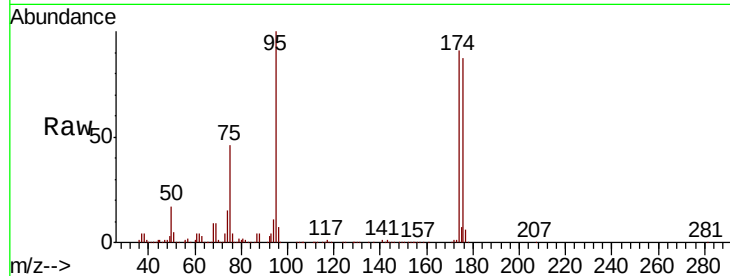
Tot Ion: 75 Resp: 229798

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

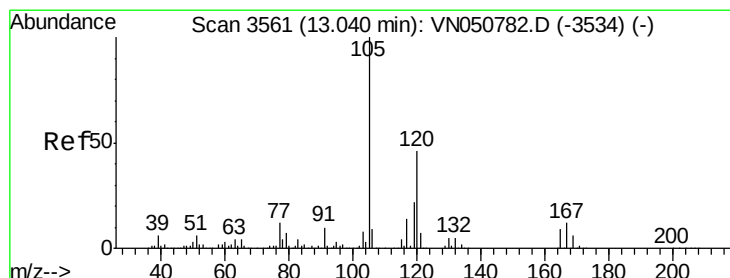
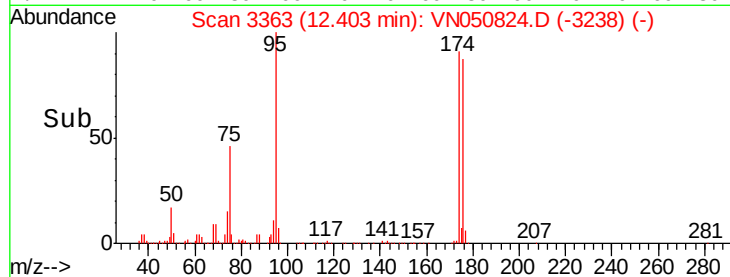
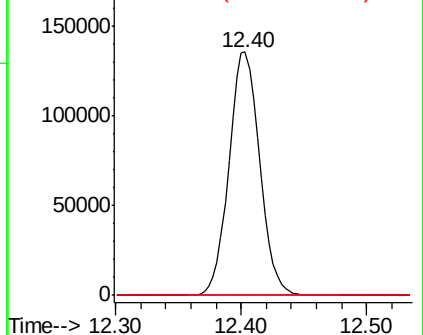
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.27 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050824.D

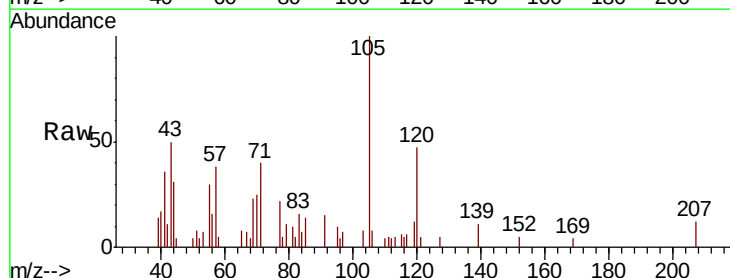
Acq: 22 Aug 2018 17:05

Tgt Ion: 105 Resp: 7335

Ion Ratio Lower Upper

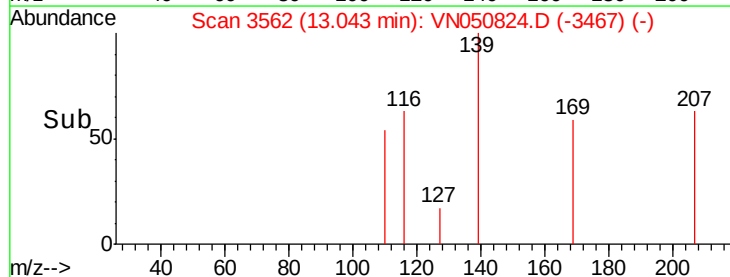
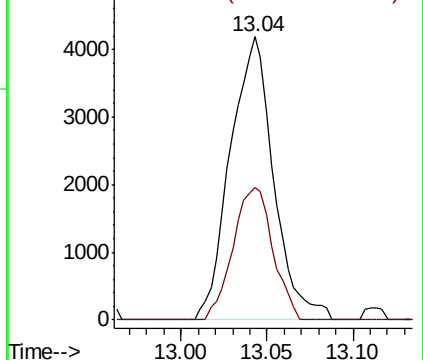
105 100

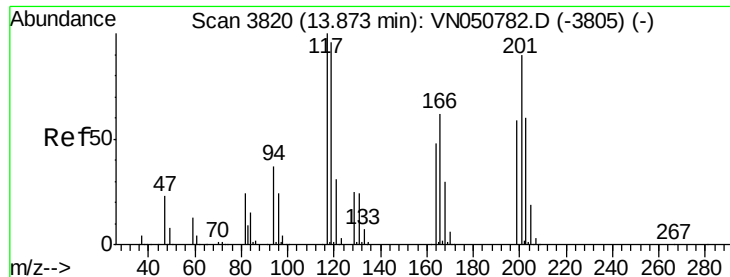
120 42.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.20 ug/l

RT: 13.88 min Scan# 3822

Delta R.T. 0.01 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

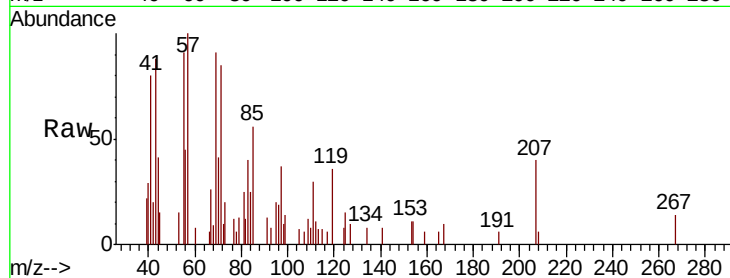
PB112269ZHE#06

Tot Ion:117 Resp: 90

Ion Ratio Lower Upper

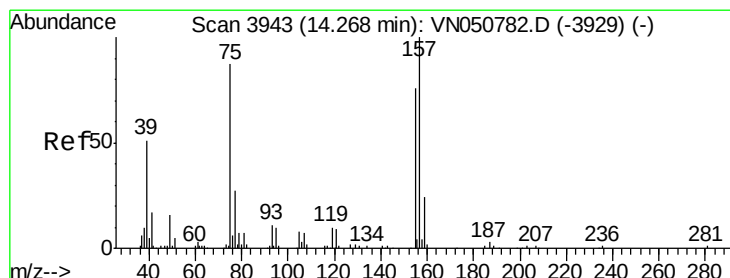
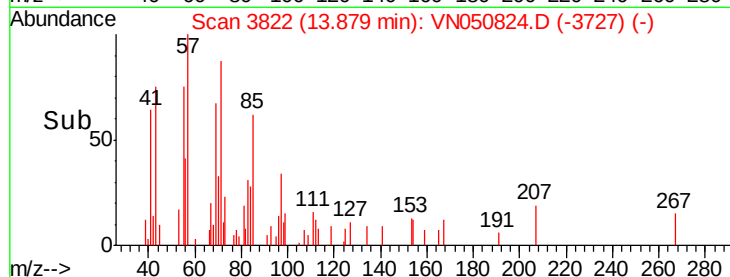
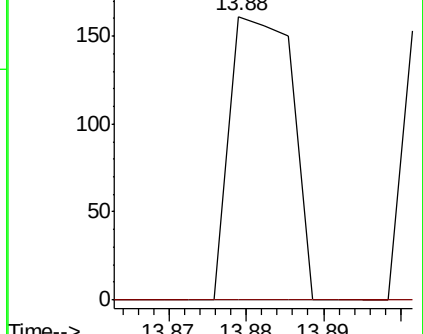
117 100

201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.36 ug/l

RT: 14.26 min Scan# 3939

Delta R.T. -0.01 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

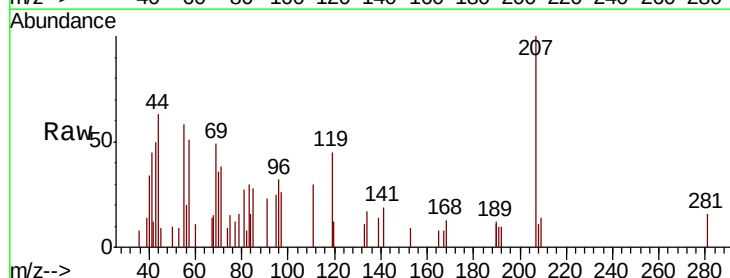
Tgt Ion: 75 Resp: 434

Ion Ratio Lower Upper

75 100

155 0.0 46.4 139.1#

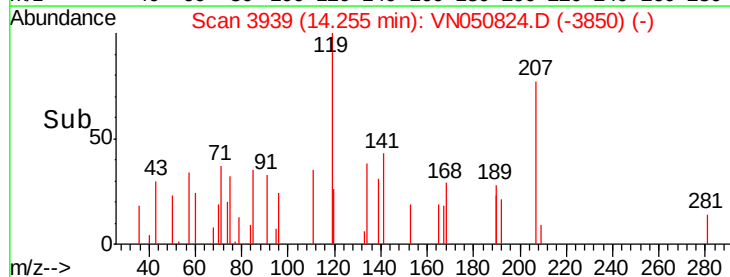
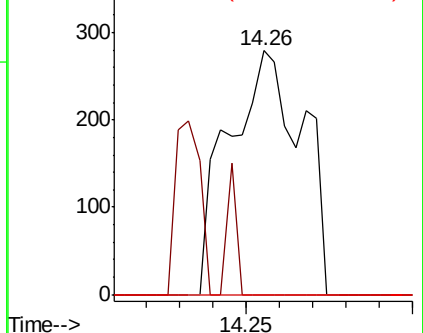
157 0.0 60.7 182.0#

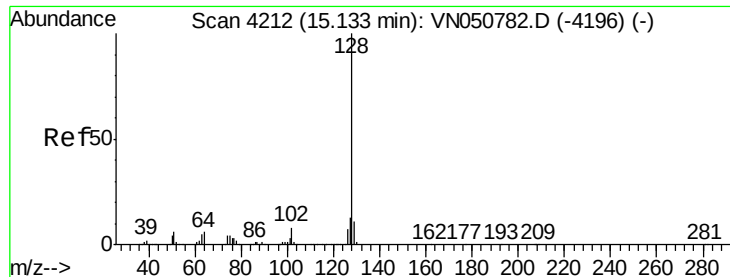


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 5.90 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#06

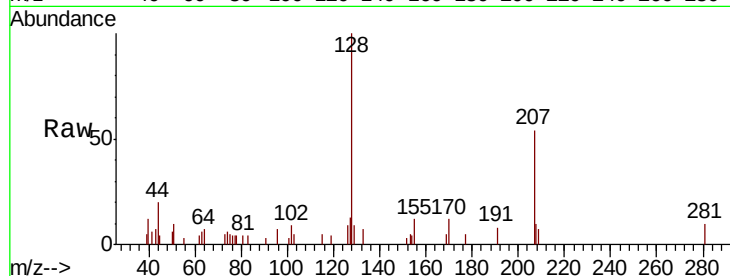
Tot Ion:128 Resp: 9209

Ion Ratio Lower Upper

128 100

127 15.0 10.5 15.7

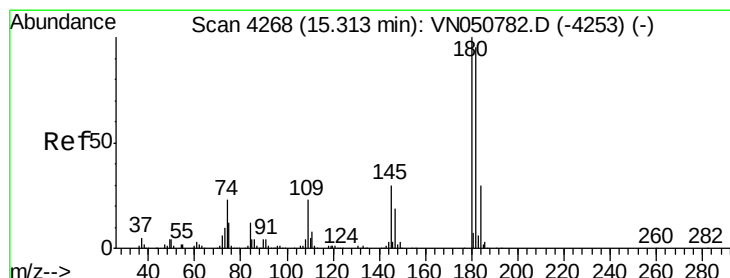
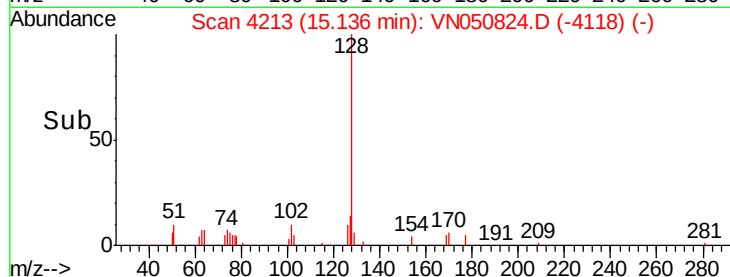
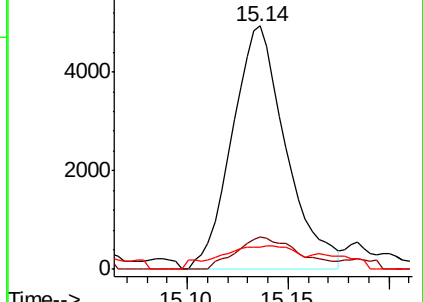
129 9.3 8.7 13.1



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: 3.30 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. 0.00 min

Lab File: VN050824.D

Acq: 22 Aug 2018 17:05

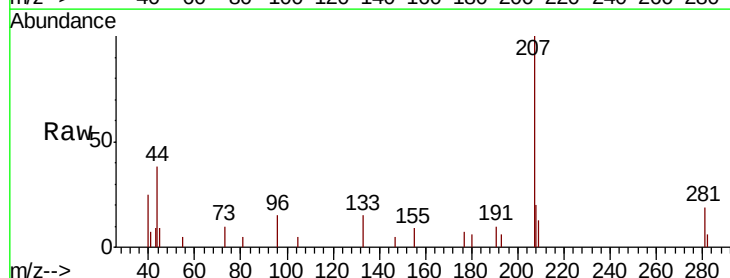
Tgt Ion:180 Resp: 68

Ion Ratio Lower Upper

180 100

182 0.0 48.0 144.2#

145 101.5 15.2 45.6#



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

