

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063930.D
 Acq On : 7 Oct 2020 7:06
 Operator : JC/MD
 Sample : L4260-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B23-100220-18-19

Quant Time: Oct 07 07:35:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

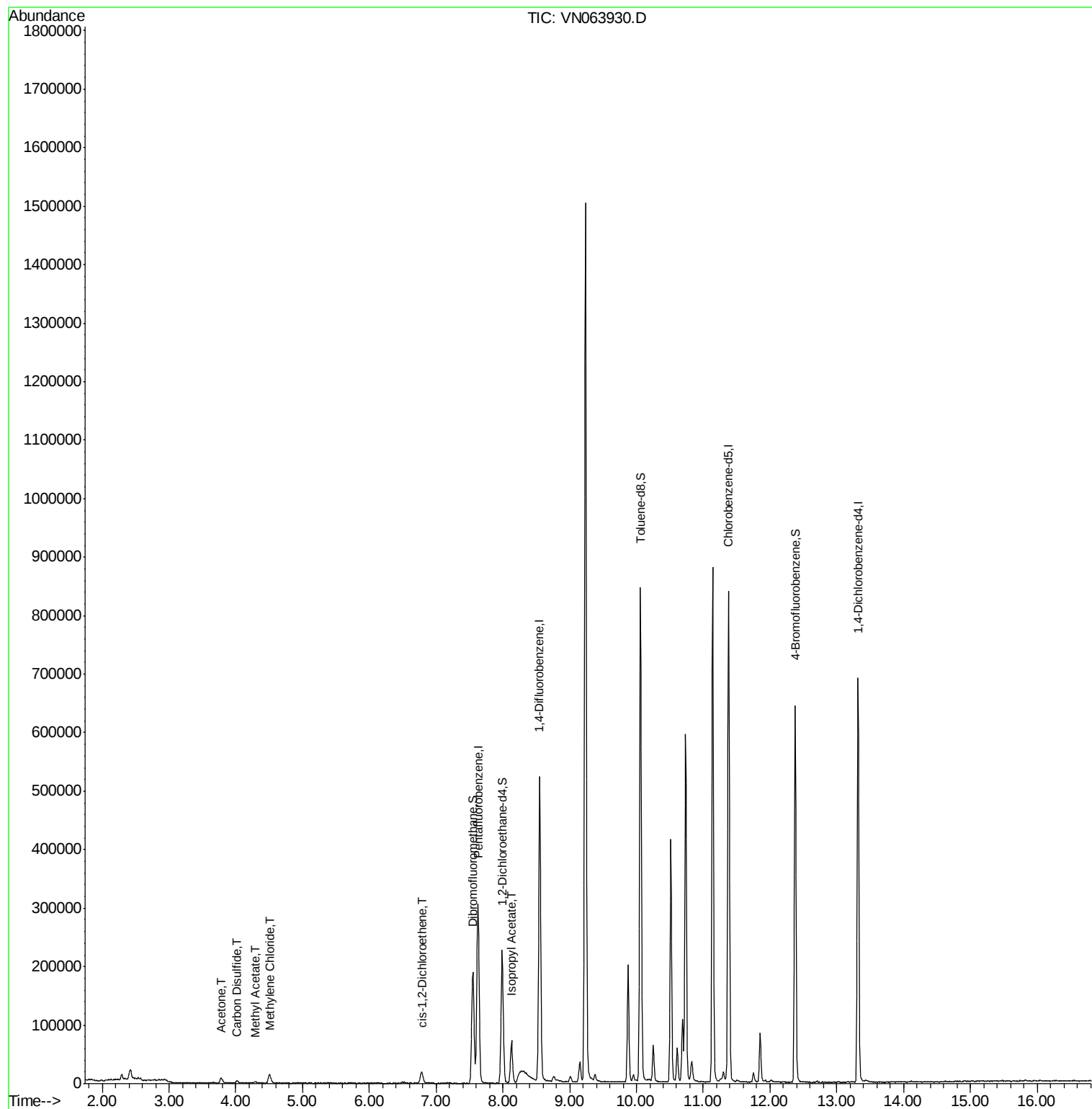
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	202417	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
35) Dibromofluoromethane	7.55	113	145913	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	10.06	98	553751	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.38	95	213510	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
16) Acetone	3.78	43	17031	14.769	ug/l	92
17) Carbon Disulfide	4.01	76	6049	1.667	ug/l #	94
18) Methyl Acetate	4.29	43	3185	1.064	ug/l #	75
20) Methylene Chloride	4.51	84	9735	3.777	ug/l	88
27) cis-1,2-Dichloroethene	6.78	96	6738	2.291	ug/l	94
43) Isopropyl Acetate	8.13	43	85447	12.029	ug/l	99

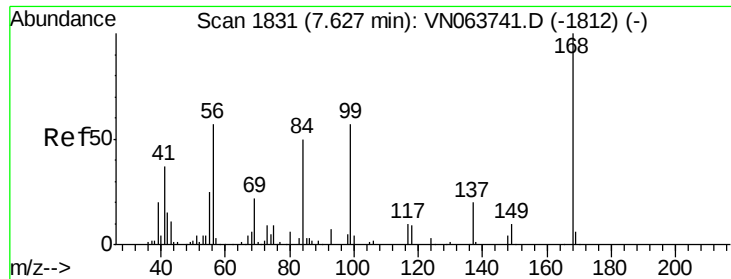
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063930.D

Acq: 7 Oct 2020 7:06

Instrument :

MSVOA_N

ClientSampleId :

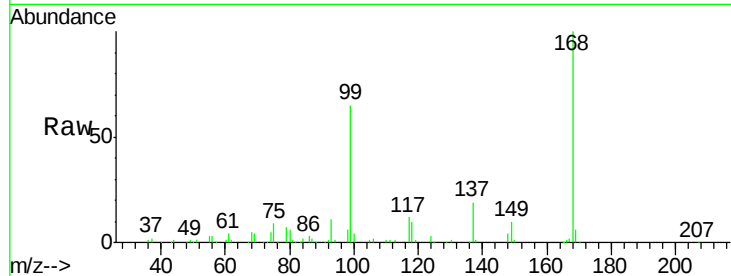
PAV-B23-100220-18-19

Tot Ion:168 Resp: 226746

Ion Ratio Lower Upper

168 100

99 64.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

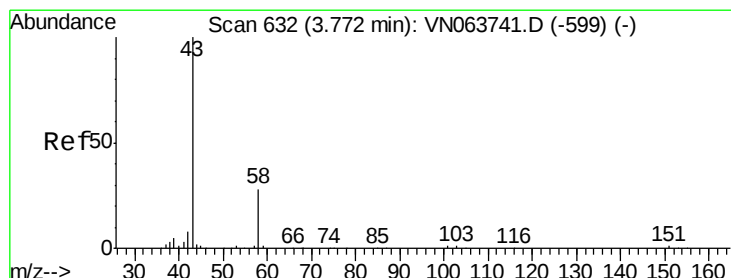
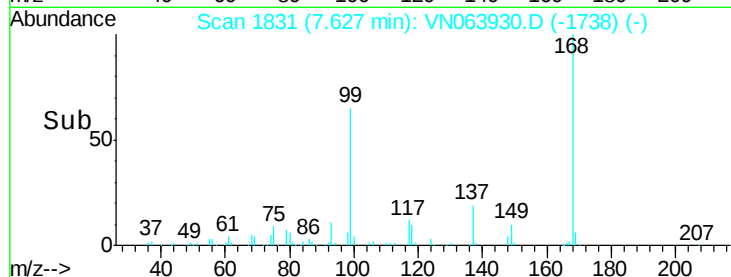
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 14.769 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063930.D

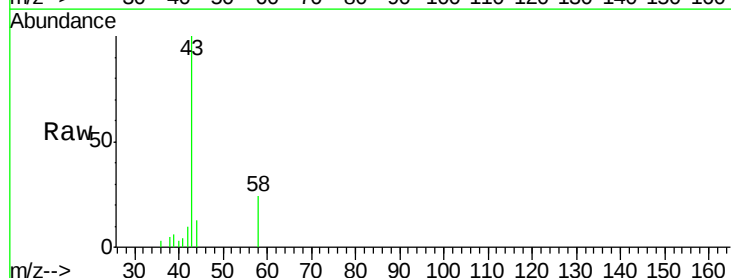
Acq: 7 Oct 2020 7:06

Tgt Ion: 43 Resp: 17031

Ion Ratio Lower Upper

43 100

58 23.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

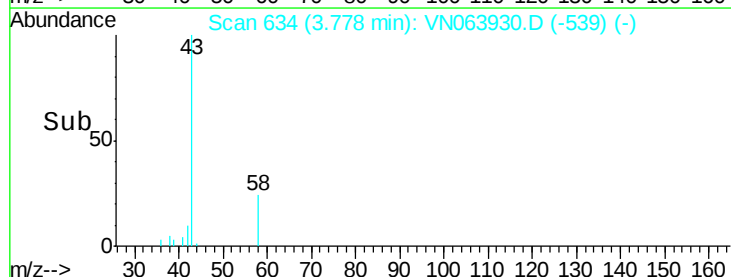
6000

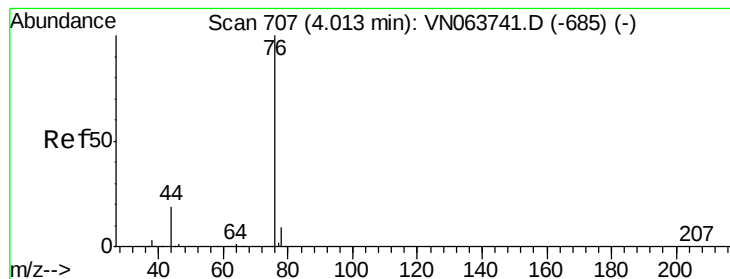
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 1.667 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063930.D

Acq: 7 Oct 2020 7:06

Instrument :

MSVOA_N

ClientSampleId :

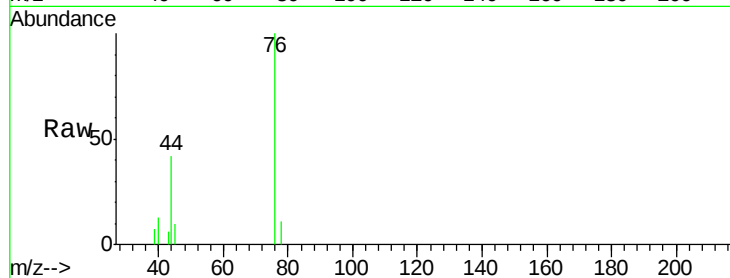
PAV-B23-100220-18-19

Tot Ion: 76 Resp: 6049

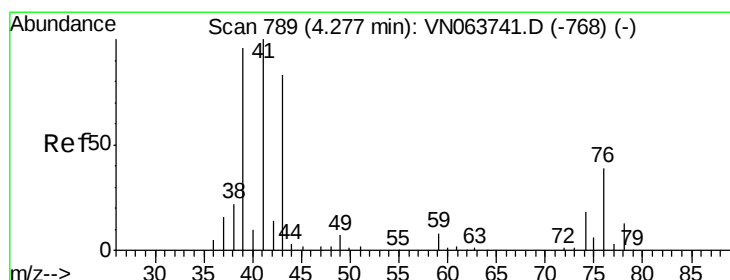
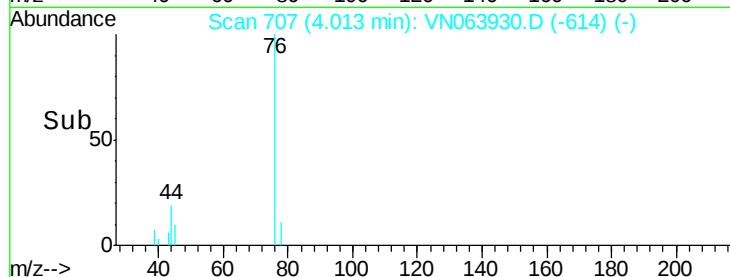
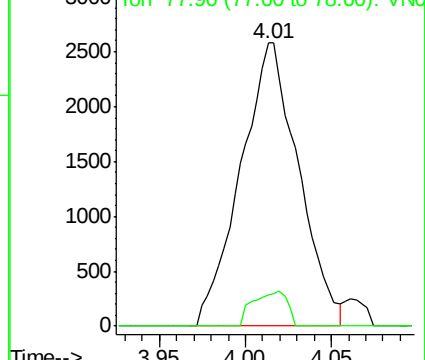
Ion Ratio Lower Upper

76 100

78 10.9 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN063930.D (-614) (-)



#18

Methyl Acetate

Concen: 1.064 ug/l

RT: 4.29 min Scan# 794

Delta R.T. 0.02 min

Lab File: VN063930.D

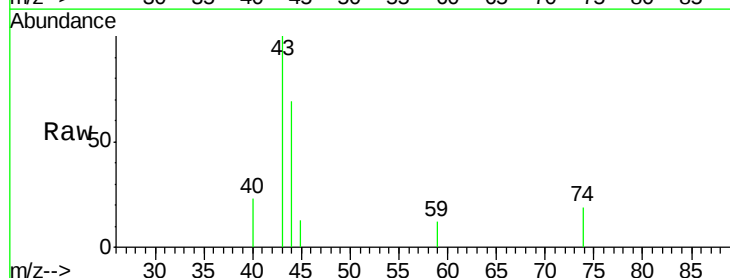
Acq: 7 Oct 2020 7:06

Tgt Ion: 43 Resp: 3185

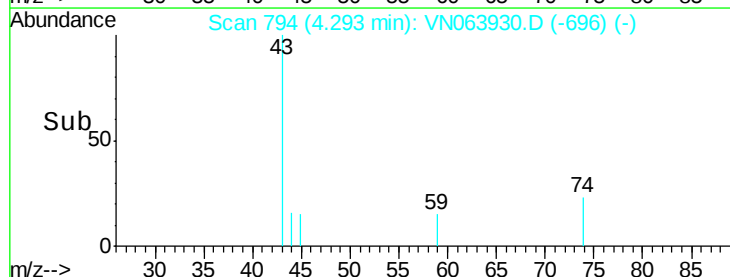
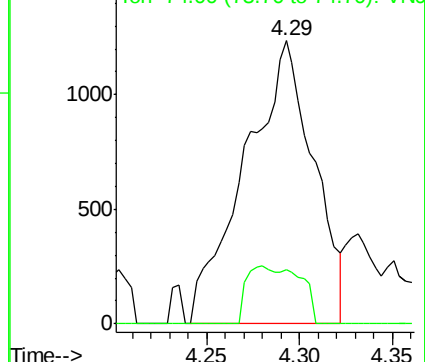
Ion Ratio Lower Upper

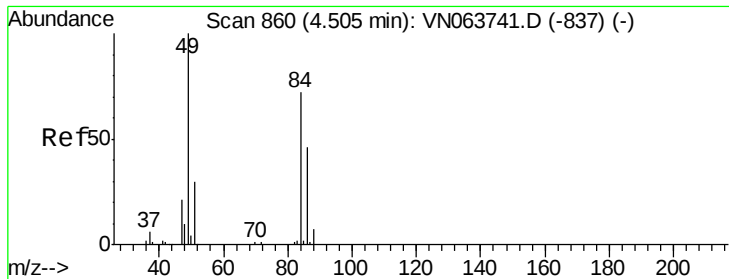
43 100

74 9.8 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN063930.D (-696) (-)

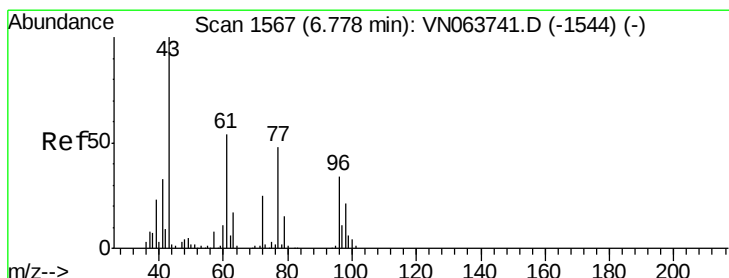
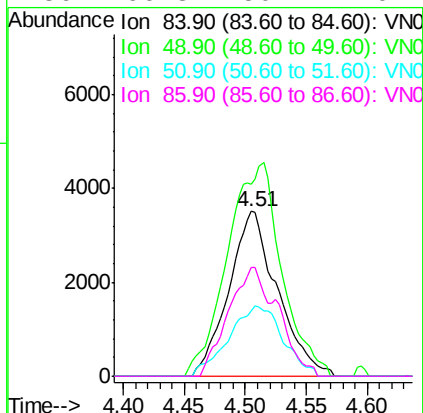
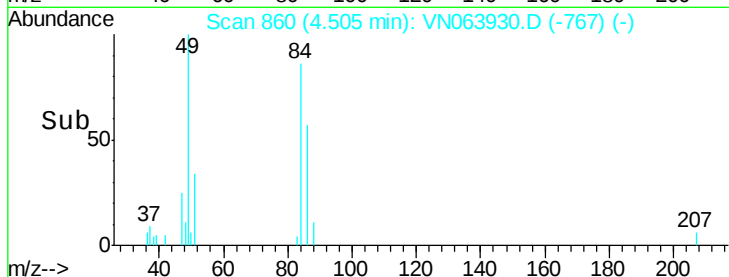
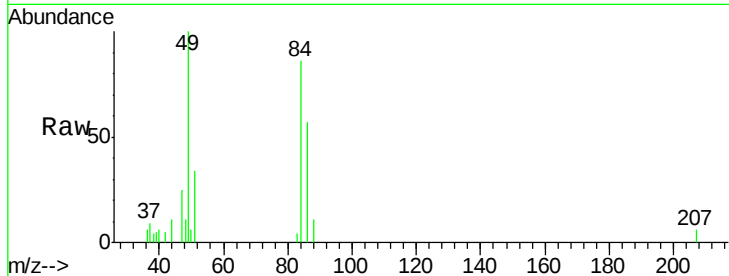




#20
Methvlene Chloride
Concen: 3.777 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063930.D
Acq: 7 Oct 2020 7:06

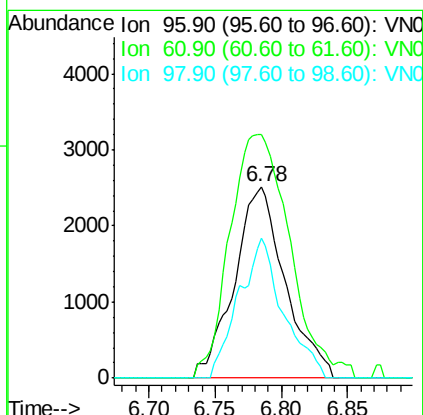
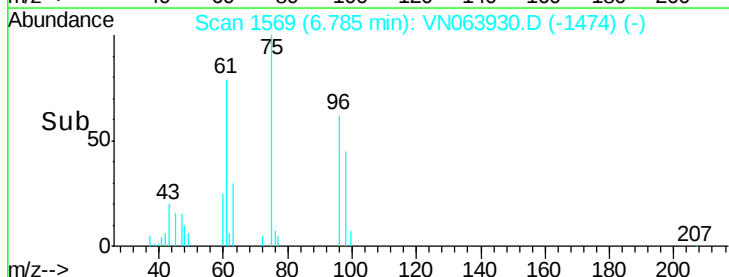
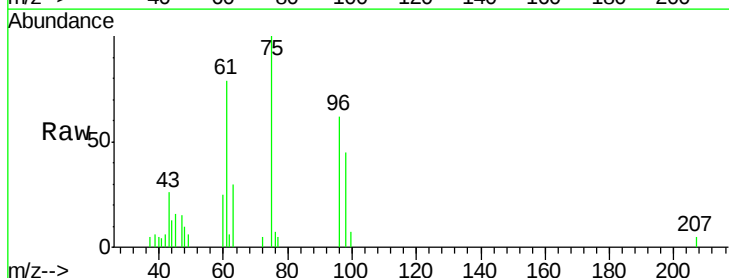
Instrument :
MSVOA_N
ClientSampleId :
PAV-B23-100220-18-19

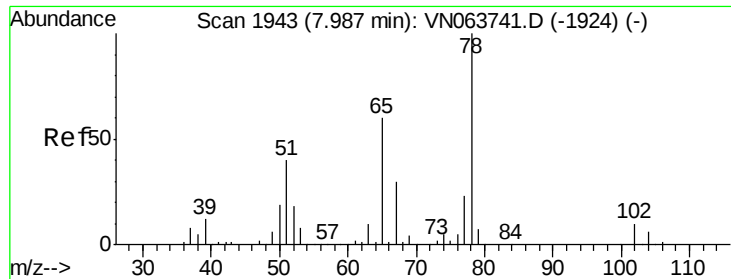
Tot Ion:	84	Resp:	9735
Ion	Ratio	Lower	Upper
84	100		
49	116.5	110.4	165.6
51	39.5	33.3	49.9
86	66.3	50.7	76.1



#27
cis-1,2-Dichloroethene
Concen: 2.291 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN063930.D
Acq: 7 Oct 2020 7:06

Tgt Ion:	96	Resp:	6738
Ion	Ratio	Lower	Upper
96	100		
61	150.2	0.0	321.2
98	63.4	0.0	124.4

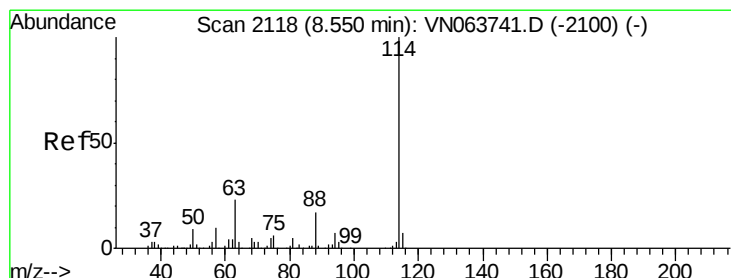
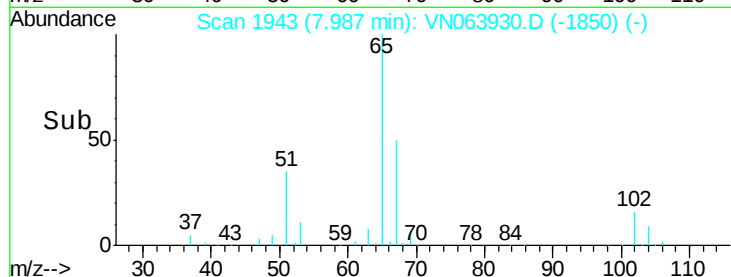
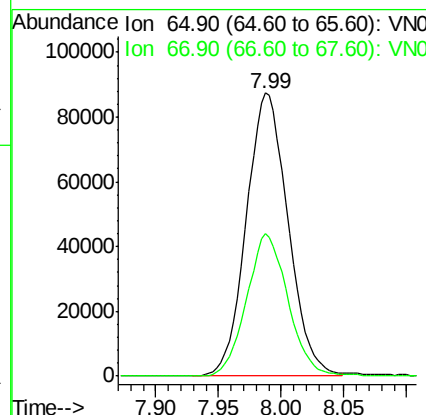
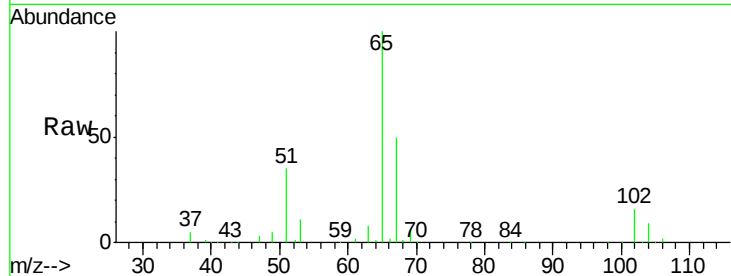




#33
 1,2-Dichloroethane-d4
 Concen: 54.036 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063930.D
 Acq: 7 Oct 2020 7:06

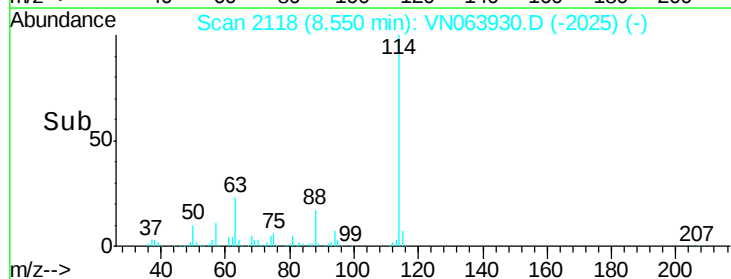
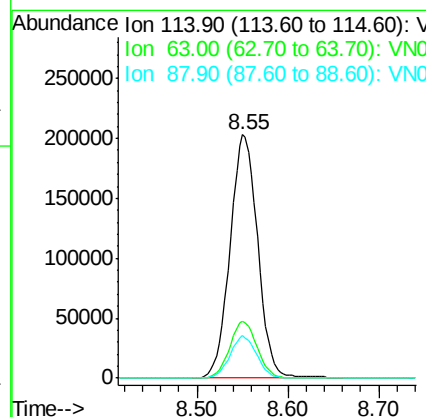
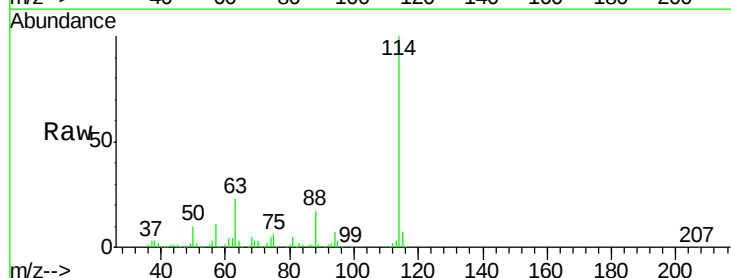
Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B23-100220-18-19

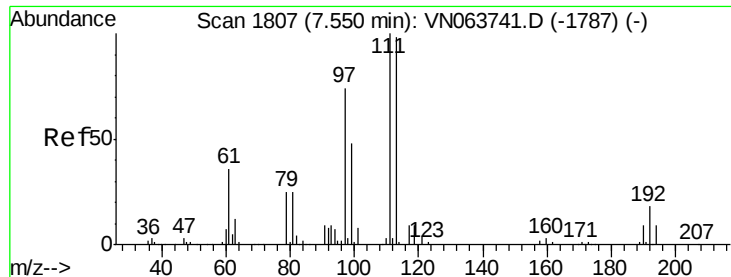
Tot Ion: 65 Resp: 202417
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063930.D
 Acq: 7 Oct 2020 7:06

Tgt Ion: 114 Resp: 427844
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.0
 88 17.4 0.0 34.0

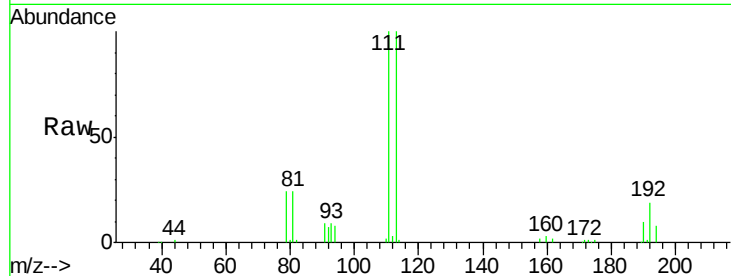




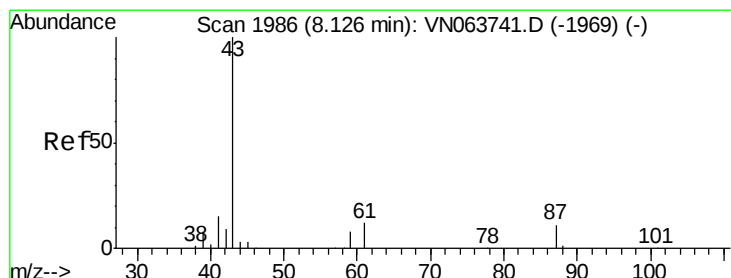
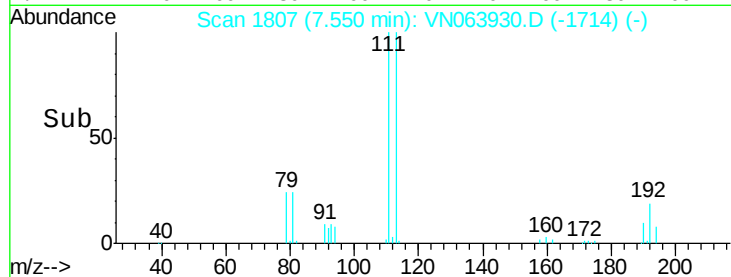
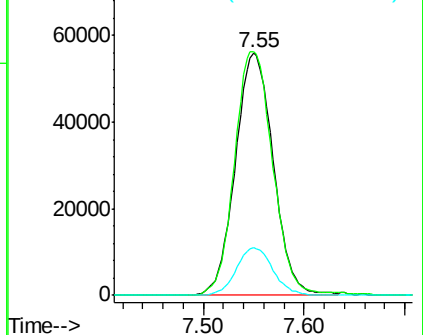
#35
 Dibromofluoromethane
 Concen: 49.150 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063930.D
 Acq: 7 Oct 2020 7:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B23-100220-18-19

Tot Ion:113 Resp: 145913
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.8 122.8
 192 18.8 14.2 21.2

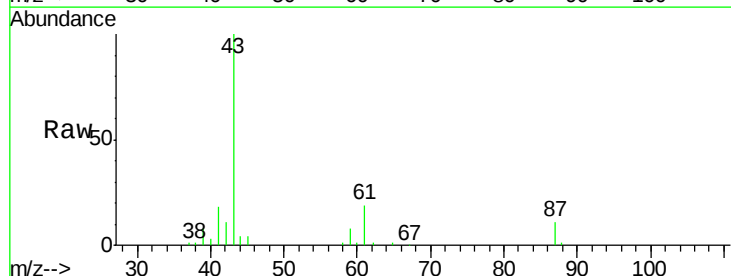


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

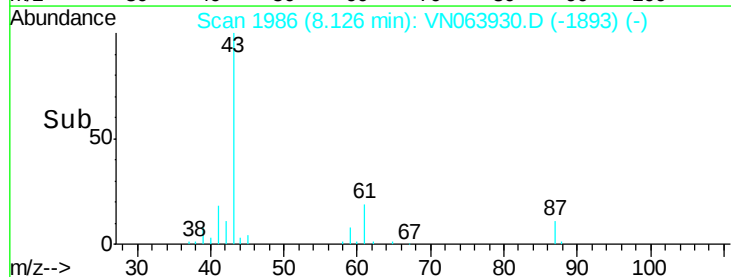
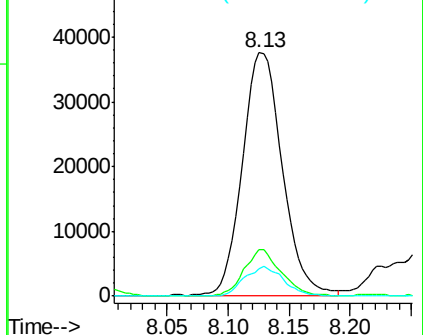


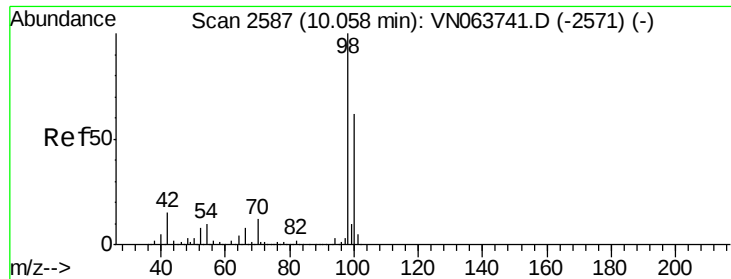
#43
 Isopropyl Acetate
 Concen: 12.029 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063930.D
 Acq: 7 Oct 2020 7:06

Tgt Ion: 43 Resp: 85447
 Ion Ratio Lower Upper
 43 100
 61 17.6 14.2 21.4
 87 11.8 9.0 13.6



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





#50

Toluene-d8

Concen: 49.205 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063930.D

Acq: 7 Oct 2020 7:06

Instrument :

MSVOA_N

ClientSampleId :

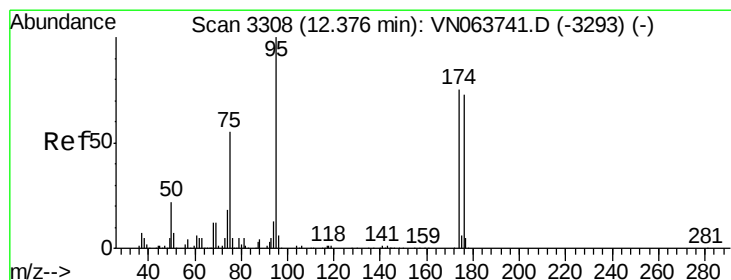
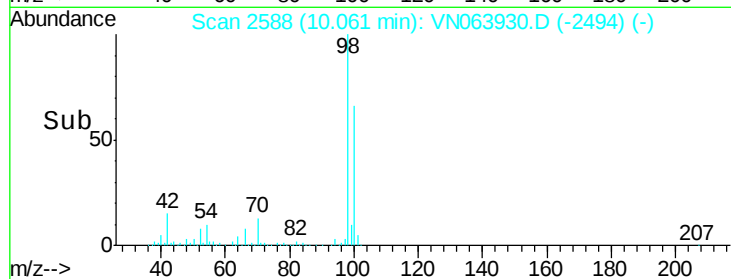
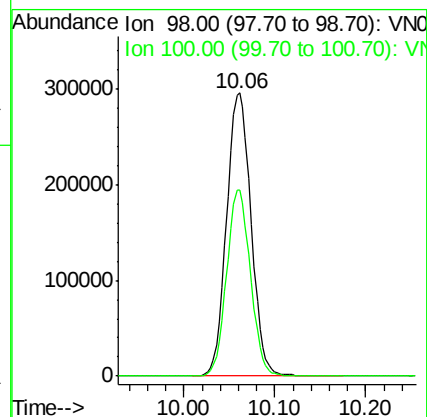
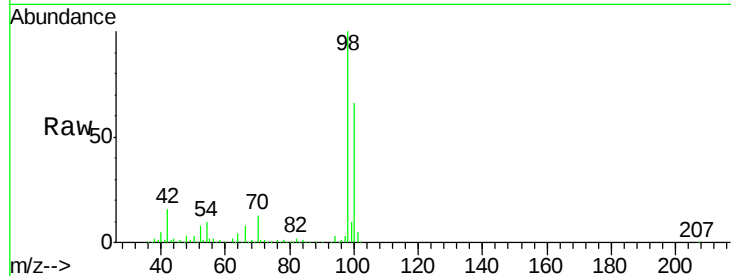
PAV-B23-100220-18-19

Tot Ion: 98 Resp: 553751

Ion Ratio Lower Upper

98 100

100 63.8 49.8 74.6



#62

4-Bromofluorobenzene

Concen: 50.469 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063930.D

Acq: 7 Oct 2020 7:06

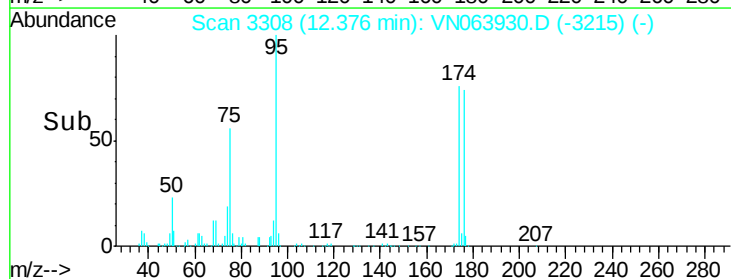
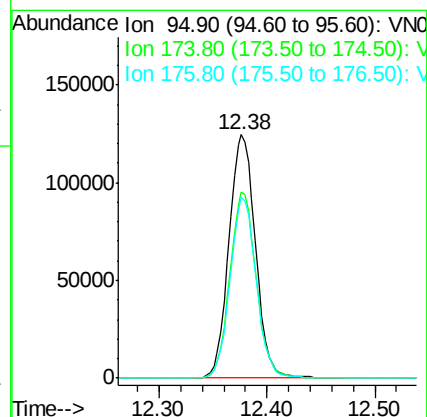
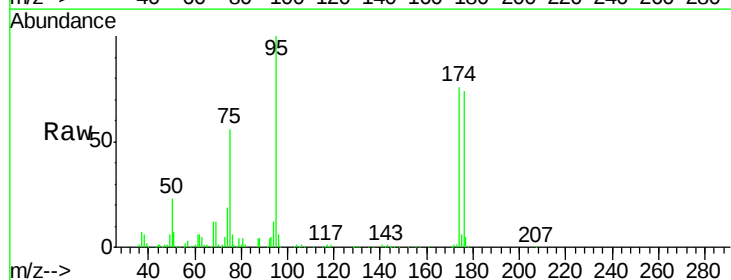
Tgt Ion: 95 Resp: 213510

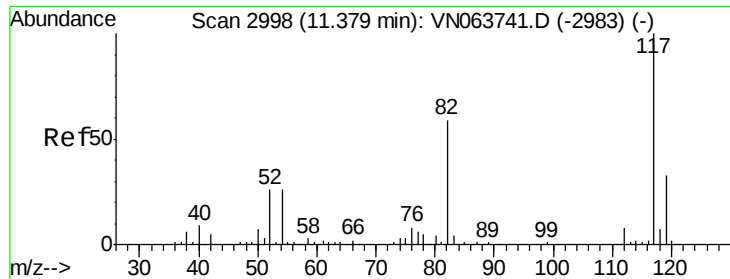
Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.6

176 73.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063930.D

Acq: 7 Oct 2020 7:06

Instrument :

MSVOA_N

ClientSampleId :

PAV-B23-100220-18-19

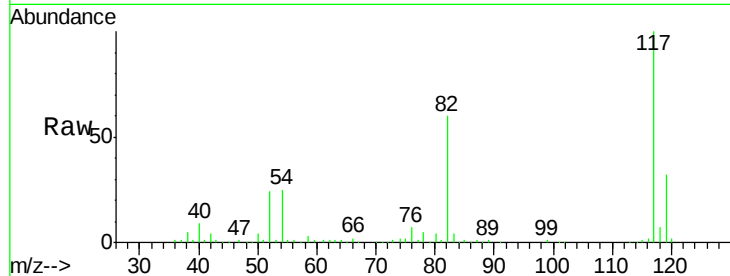
Tot Ion:117 Resp: 448792

Ion Ratio Lower Upper

117 100

82 59.5 47.4 71.2

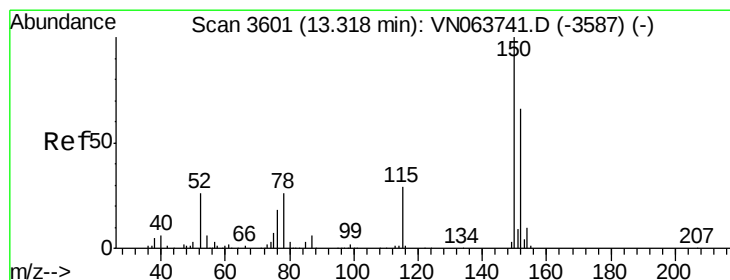
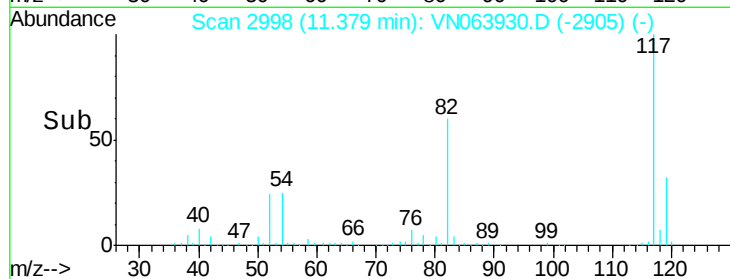
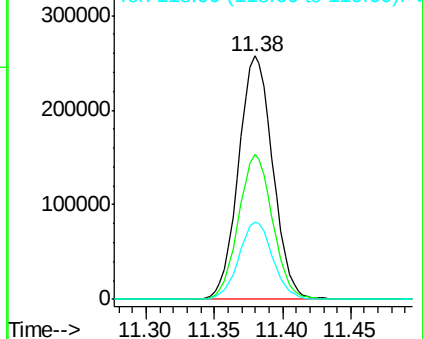
119 31.9 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063930.D

Acq: 7 Oct 2020 7:06

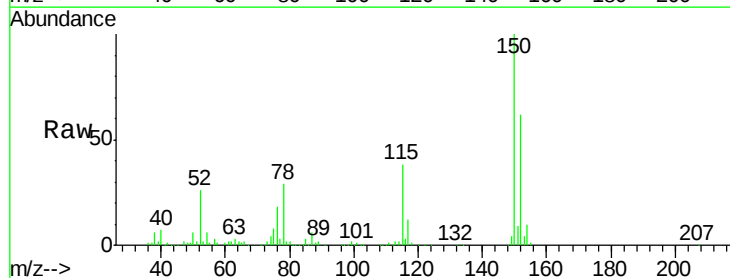
Tgt Ion:152 Resp: 174701

Ion Ratio Lower Upper

152 100

115 61.8 31.3 93.8

150 159.9 0.0 341.8



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

