

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062473.D
 Acq On : 9 Jul 2020 22:39
 Operator : JC/MD
 Sample : PB130035ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130035ZHE#04

Quant Time: Jul 10 02:27:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

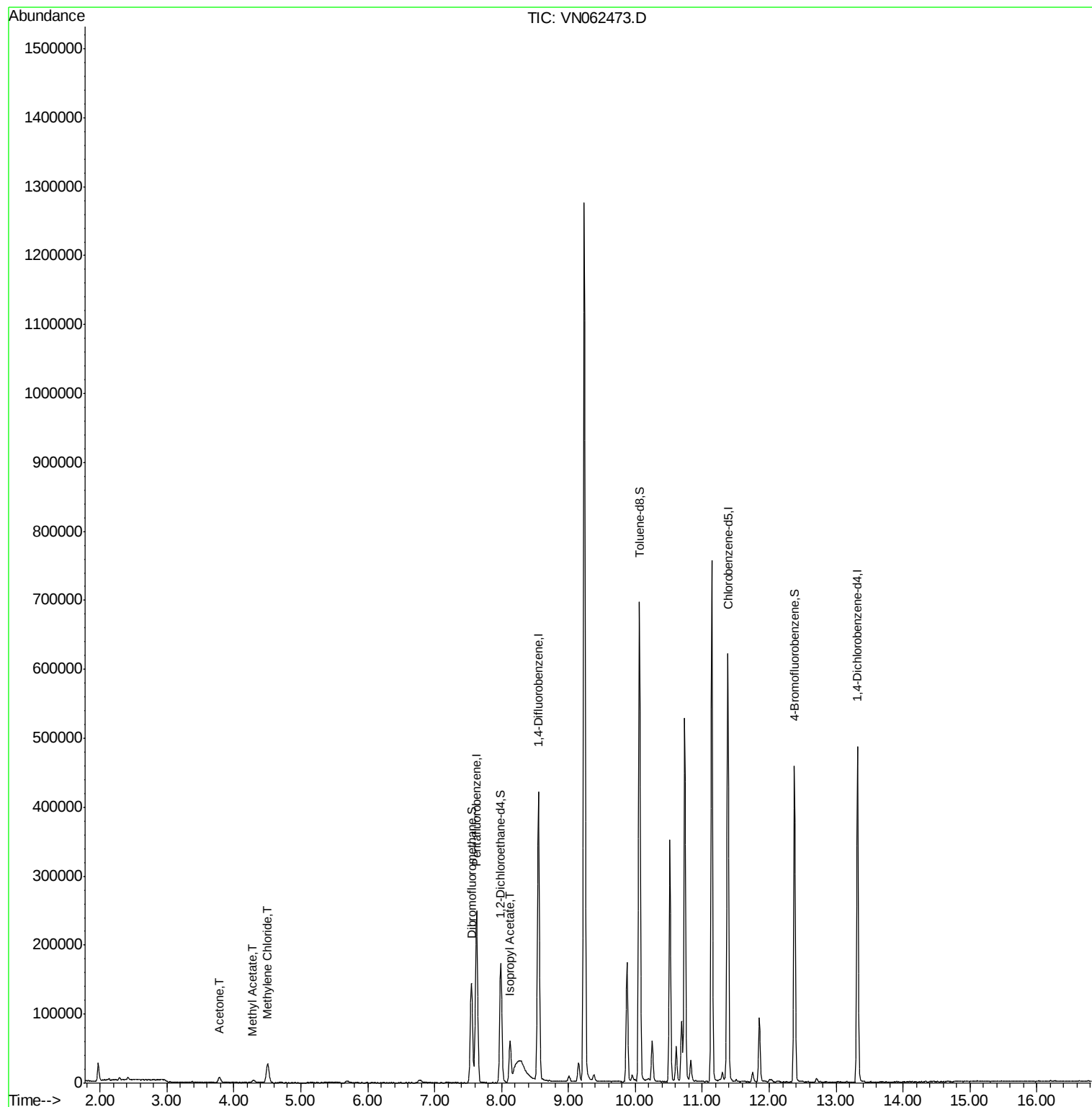
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	191675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	358331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	343668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	151865	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
35) Dibromofluoromethane	7.55	113	111582	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.06	98	463585	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.38	95	165009	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
Target Compounds						
16) Acetone	3.78	43	13857	11.071	ug/l	97
18) Methyl Acetate	4.28	43	5887	1.885	ug/l #	90
20) Methylene Chloride	4.50	84	19365	7.236	ug/l	92
43) Isopropyl Acetate	8.13	43	75157	11.270	ug/l #	92

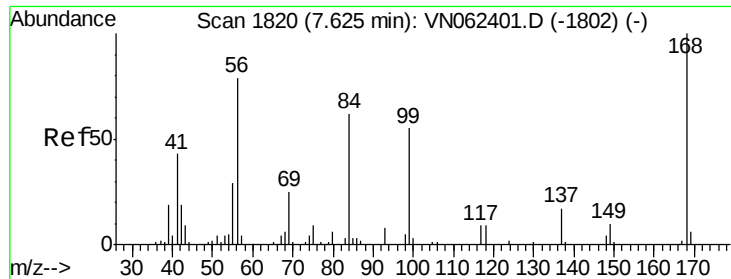
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062473.D

Acq: 9 Jul 2020 22:39

Instrument :

MSVOA_N

ClientSampleId :

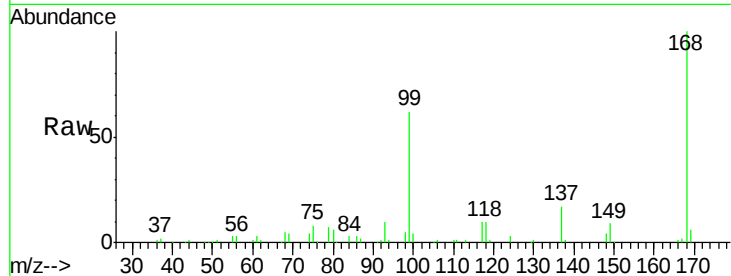
PB130035ZHE#04

Tot Ion:168 Resp: 191675

Ion Ratio Lower Upper

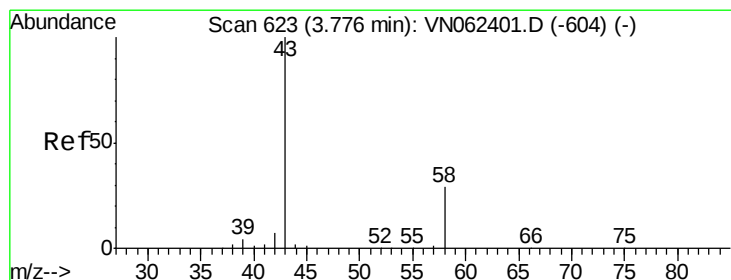
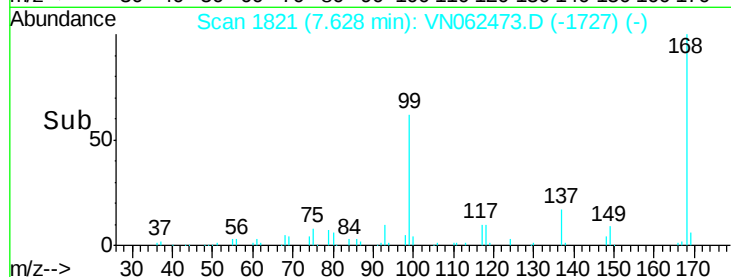
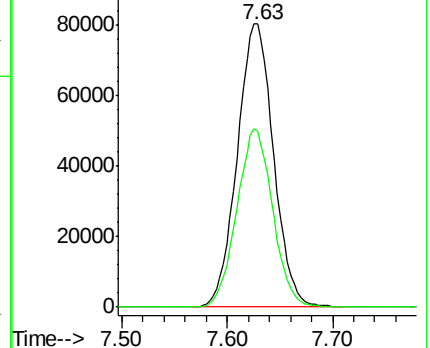
168 100

99 62.0 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.071 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062473.D

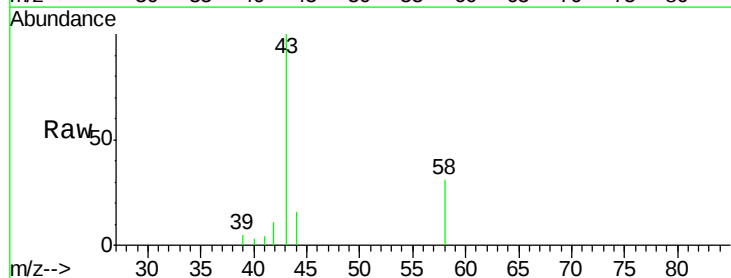
Acq: 9 Jul 2020 22:39

Tgt Ion: 43 Resp: 13857

Ion Ratio Lower Upper

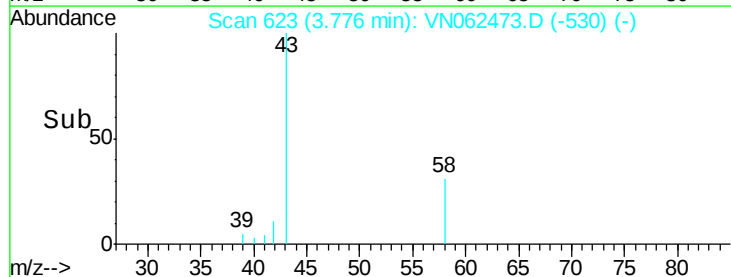
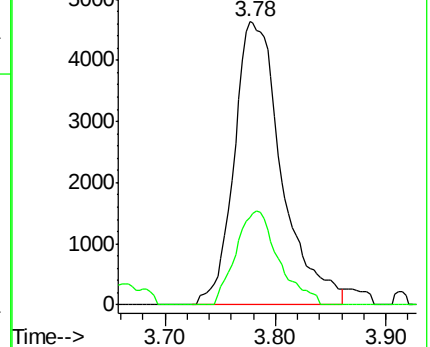
43 100

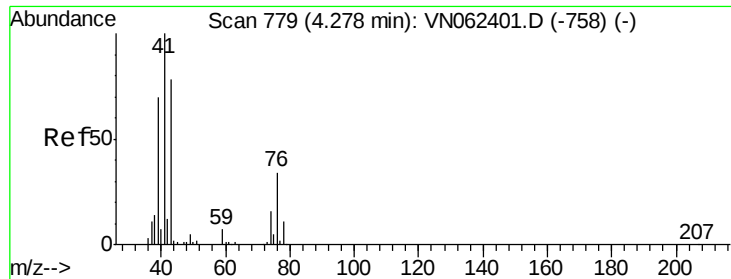
58 31.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

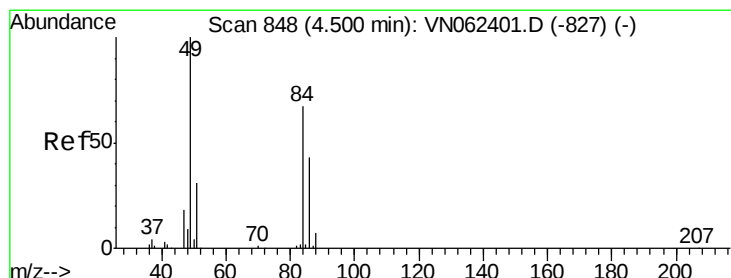
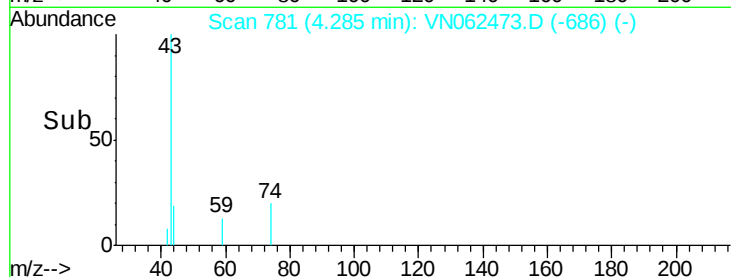
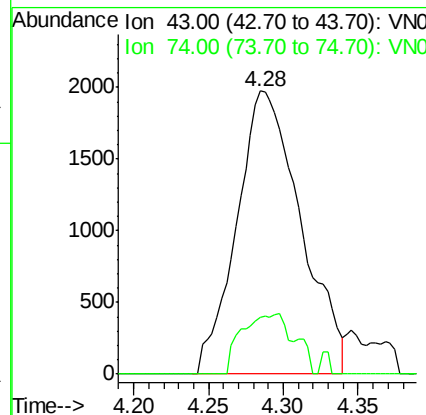
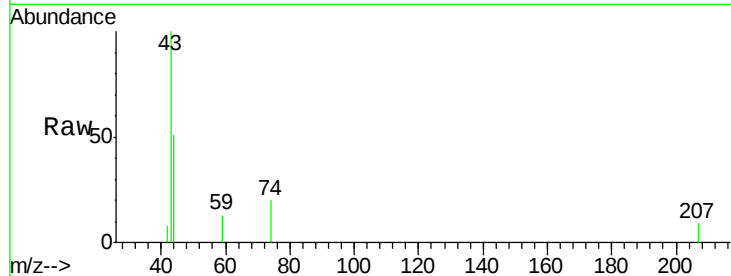




#18
Methyl Acetate
Concen: 1.885 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062473.D
Acq: 9 Jul 2020 22:39

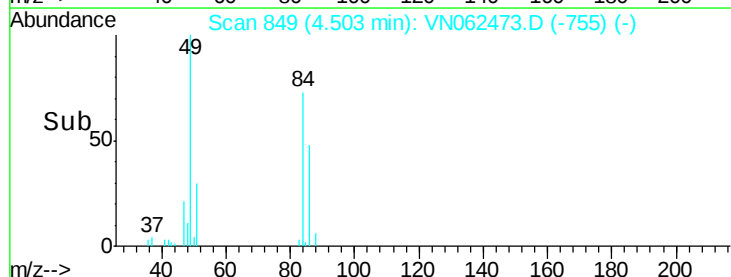
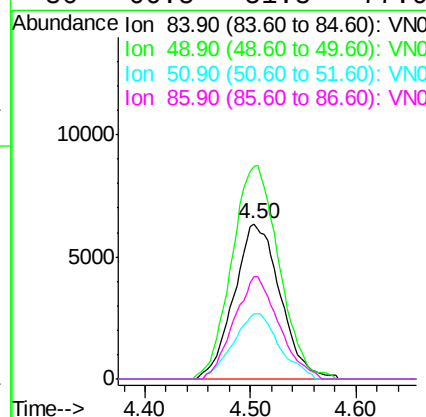
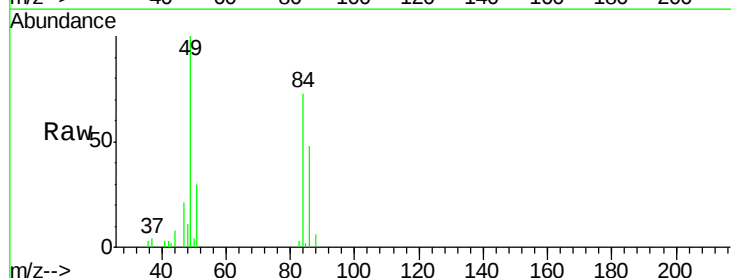
Instrument :
MSVOA_N
ClientSampleId :
PB130035ZHE#04

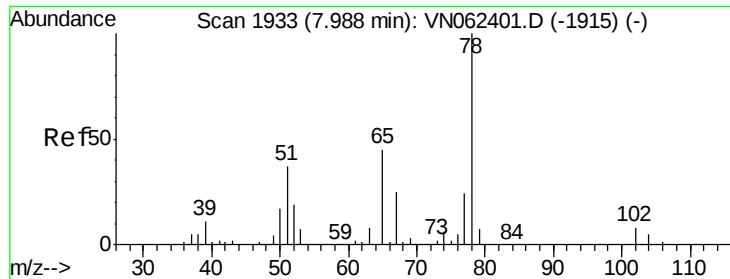
Tot Ion: 43 Resp: 5887
Ion Ratio Lower Upper
43 100
74 15.2 16.0 24.0#



#20
Methylene Chloride
Concen: 7.236 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062473.D
Acq: 9 Jul 2020 22:39

Tgt Ion: 84 Resp: 19365
Ion Ratio Lower Upper
84 100
49 137.3 120.0 180.0
51 41.7 37.0 55.6
86 66.5 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 51.511 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062473.D

Acq: 9 Jul 2020 22:39

Instrument :

MSVOA_N

ClientSampleId :

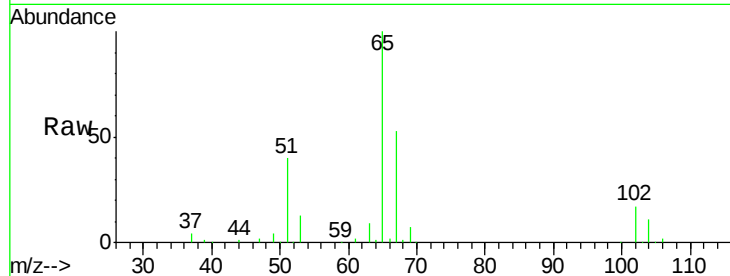
PB130035ZHE#04

Tot Ion: 65 Resp: 151865

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN062401.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062401.D (-1915) (-)

7.99

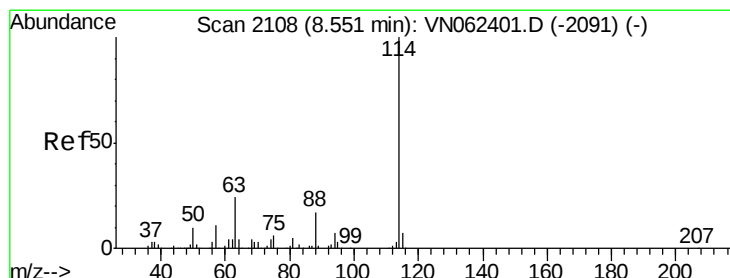
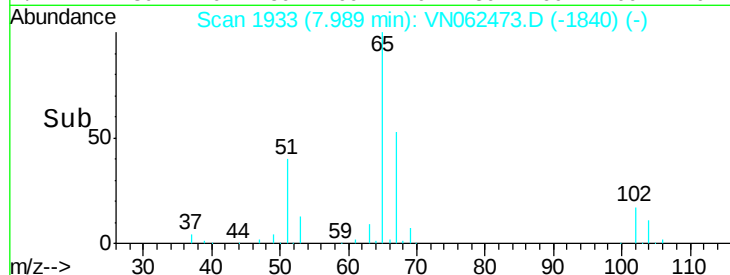
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062473.D

Acq: 9 Jul 2020 22:39

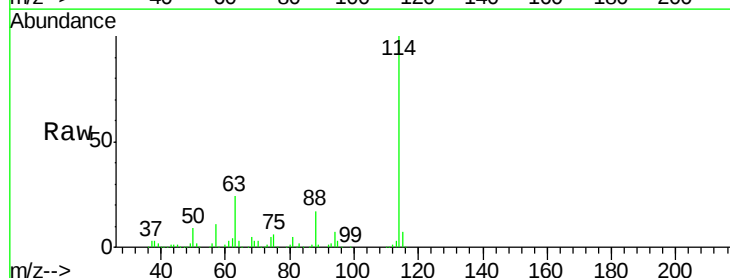
Tgt Ion: 114 Resp: 358331

Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.4

88 16.8 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VN062401.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN062401.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062401.D (-2091) (-)

8.55

200000

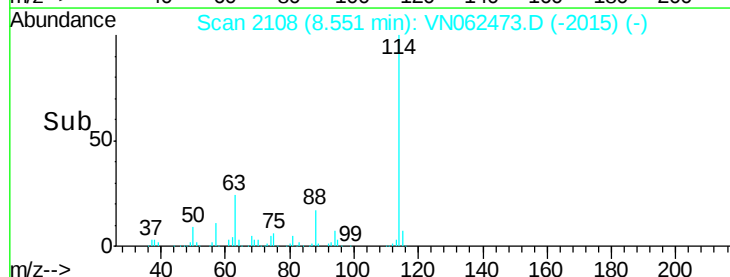
150000

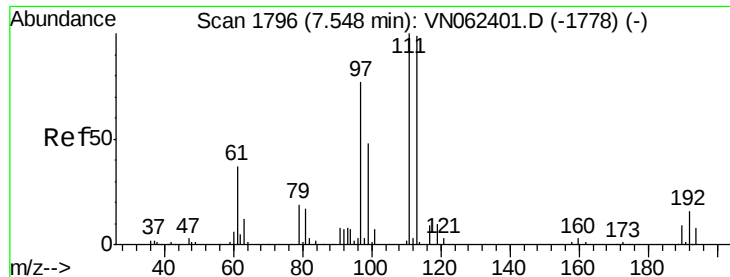
100000

50000

0

Time-->

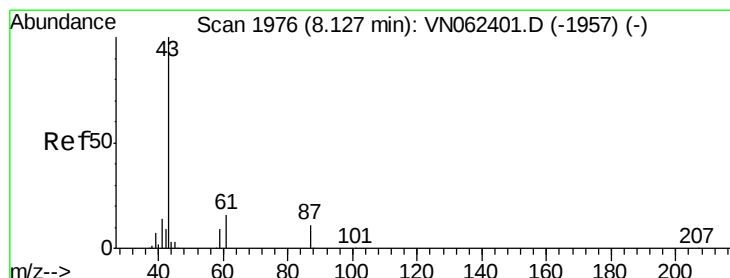
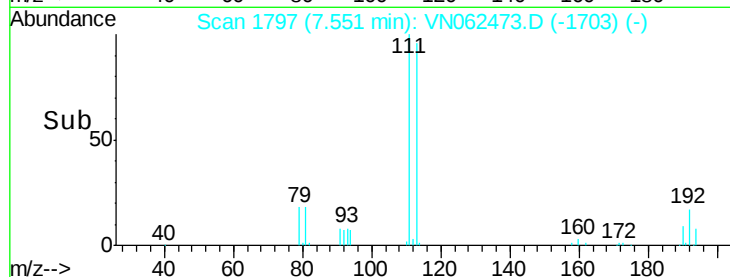
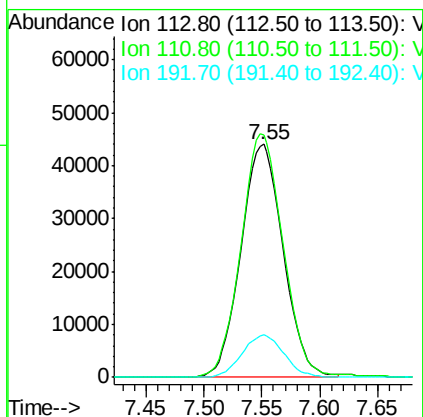
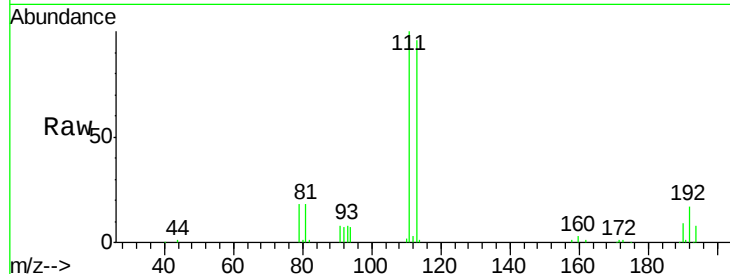




#35
 Dibromofluoromethane
 Concen: 50.376 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062473.D
 Acq: 9 Jul 2020 22:39

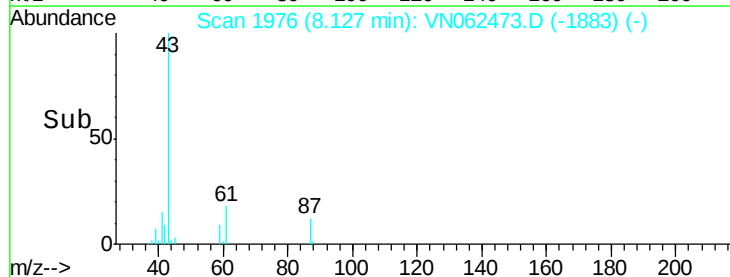
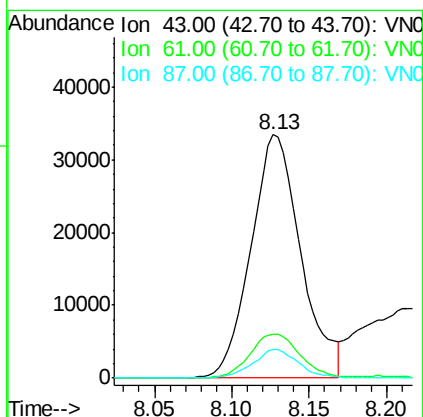
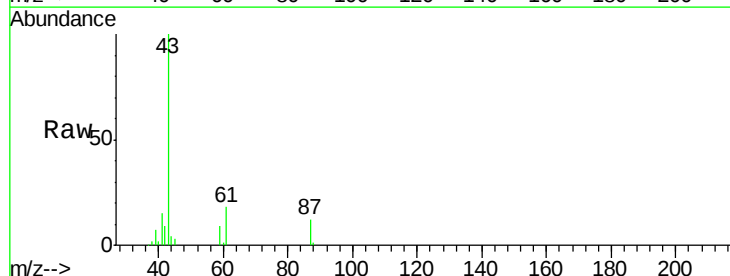
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130035ZHE#04

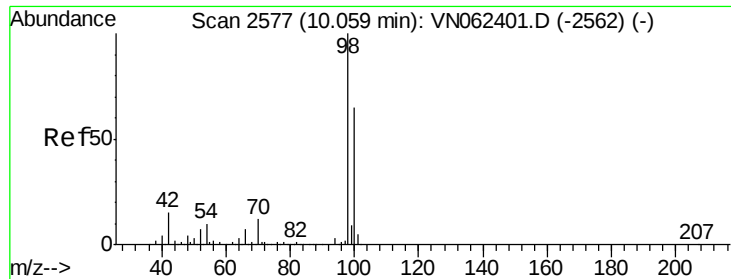
Tot Ion:113 Resp: 111582
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.1 124.7
 192 17.9 14.1 21.1



#43
 Isopropyl Acetate
 Concen: 11.270 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062473.D
 Acq: 9 Jul 2020 22:39

Tgt Ion: 43 Resp: 75157
 Ion Ratio Lower Upper
 43 100
 61 18.3 19.3 28.9#
 87 10.7 8.6 13.0





#50

Toluene-d8

Concen: 53.017 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062473.D

Acq: 9 Jul 2020 22:39

Instrument :

MSVOA_N

ClientSampleId :

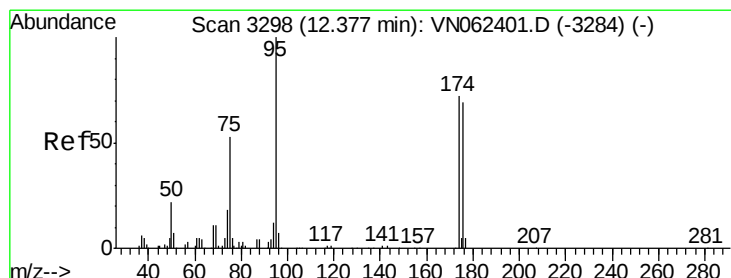
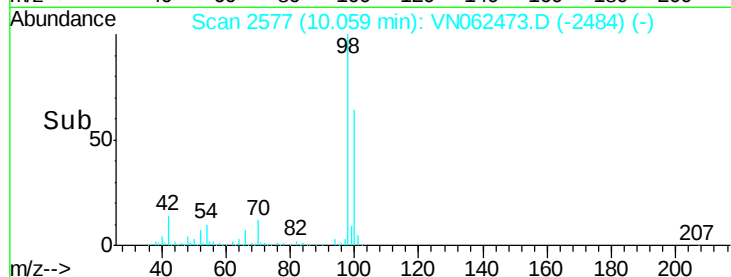
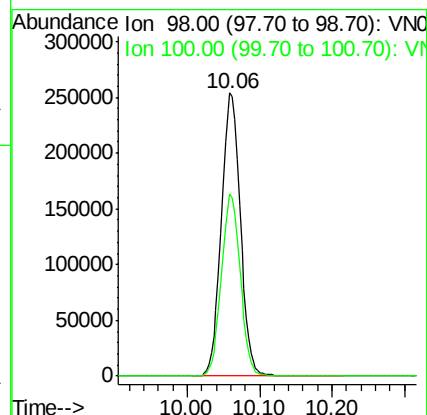
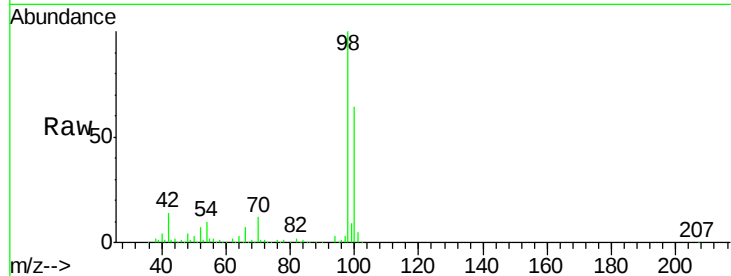
PB130035ZHE#04

Tot Ion: 98 Resp: 463585

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 51.640 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062473.D

Acq: 9 Jul 2020 22:39

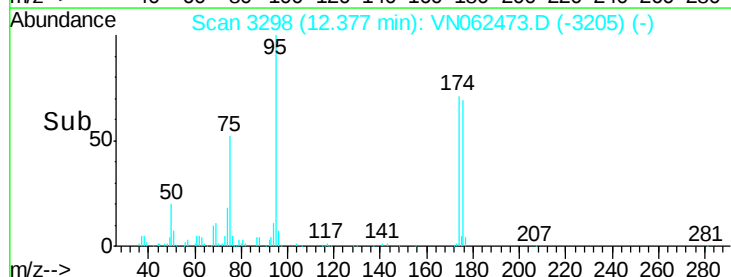
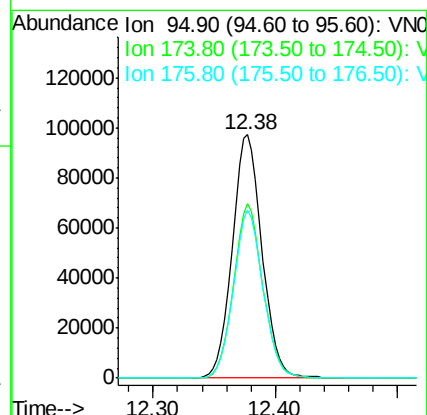
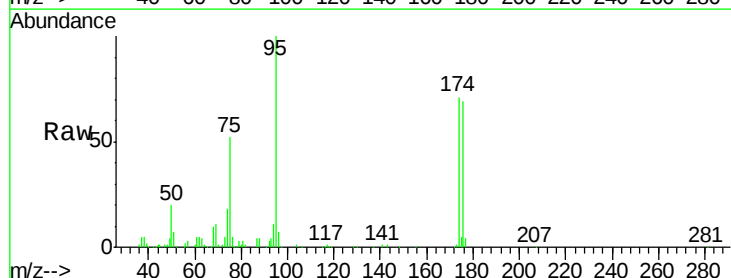
Tgt Ion: 95 Resp: 165009

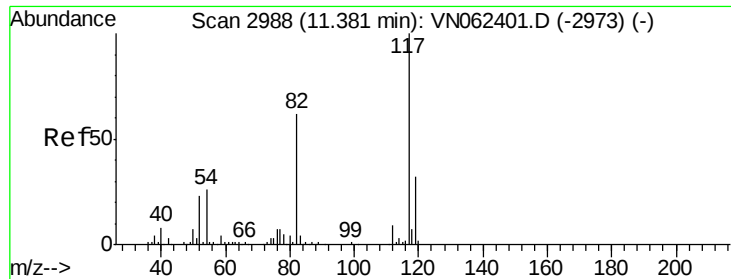
Ion Ratio Lower Upper

95 100

174 70.6 0.0 141.6

176 68.6 0.0 137.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062473.D

Acq: 9 Jul 2020 22:39

Instrument :

MSVOA_N

ClientSampleId :

PB130035ZHE#04

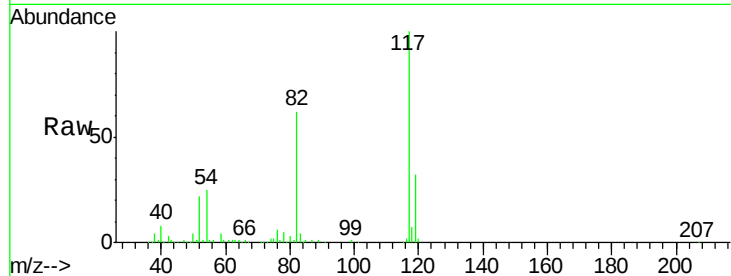
Tot Ion:117 Resp: 343668

Ion Ratio Lower Upper

117 100

82 61.7 49.6 74.4

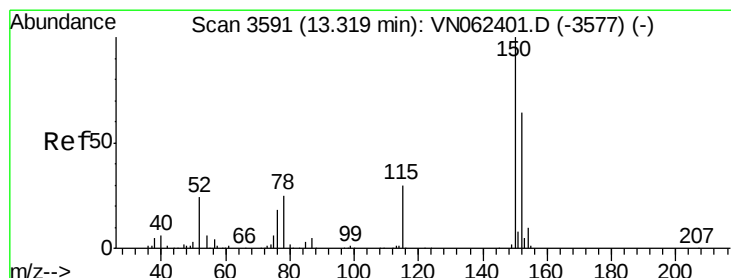
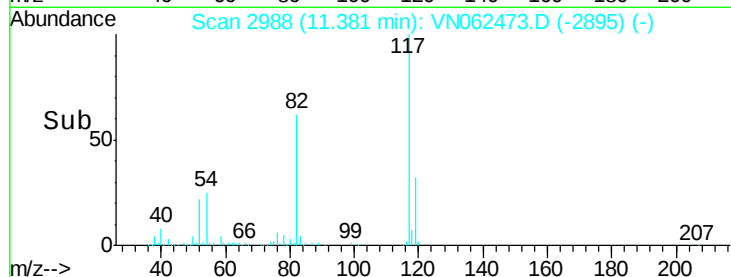
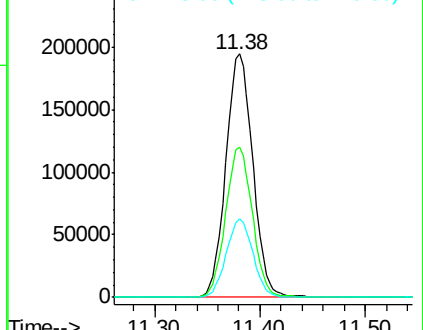
119 32.1 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062473.D

Acq: 9 Jul 2020 22:39

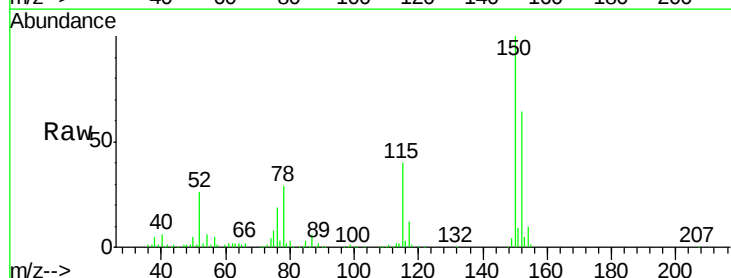
Tgt Ion:152 Resp: 126061

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.2

150 154.5 0.0 347.4



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

