

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064972.D
 Acq On : 8 Dec 2020 16:13
 Operator : JC/MD
 Sample : PB133456ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#09

Quant Time: Dec 09 07:19:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	172590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	324895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	339956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	145957	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	109056	54.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.70%	
35) Dibromofluoromethane		7.55	113	100327	51.61	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.22%	
50) Toluene-d8		10.06	98	409620	51.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.14%	
62) 4-Bromofluorobenzene		12.38	95	156713	55.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.26%	

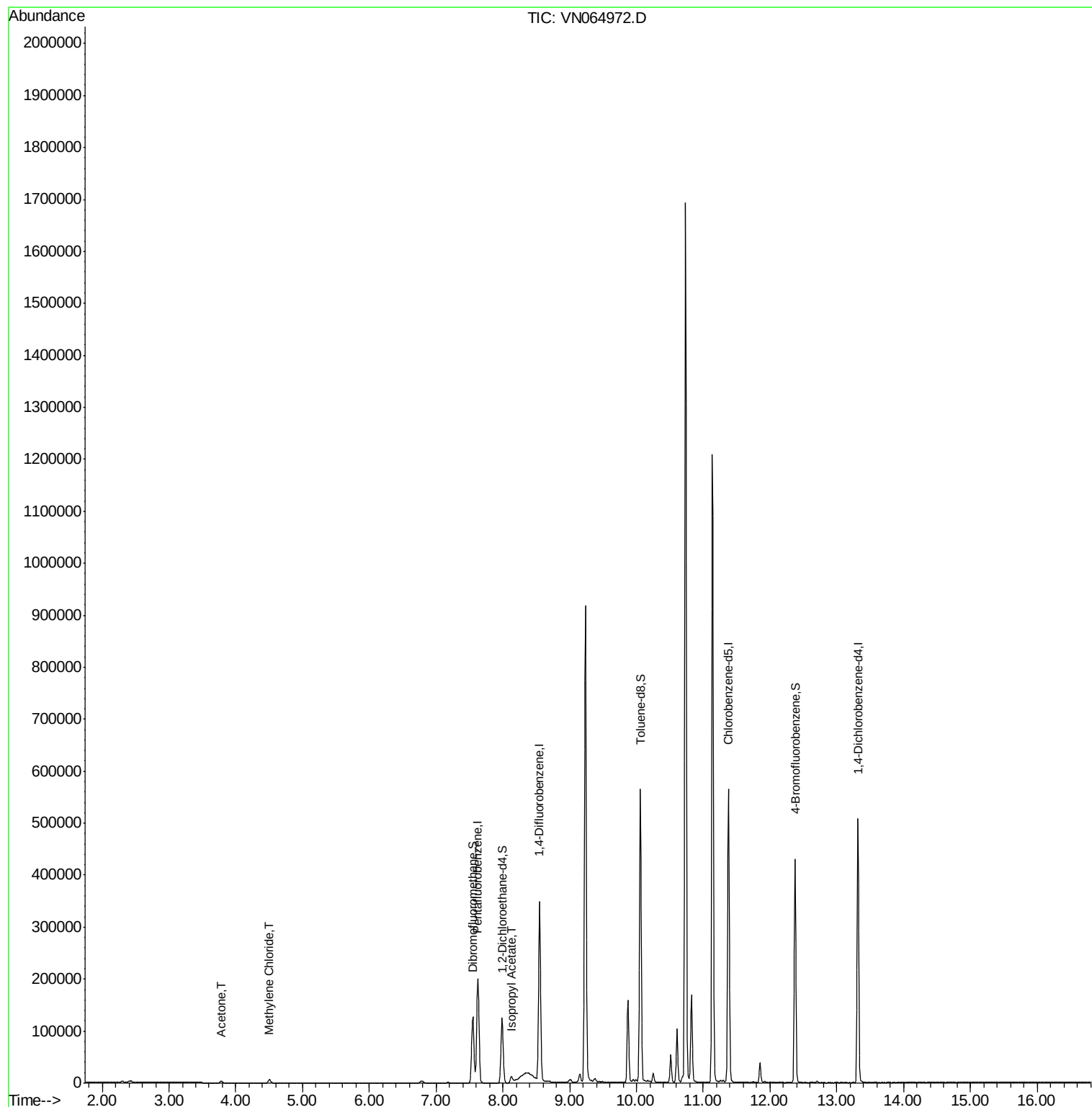
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	5441	8.249	ug/l #	88
20) Methylene Chloride	4.50	84	4932	2.386	ug/l	88
43) Isopropyl Acetate	8.13	43	19056	4.082	ug/l #	89

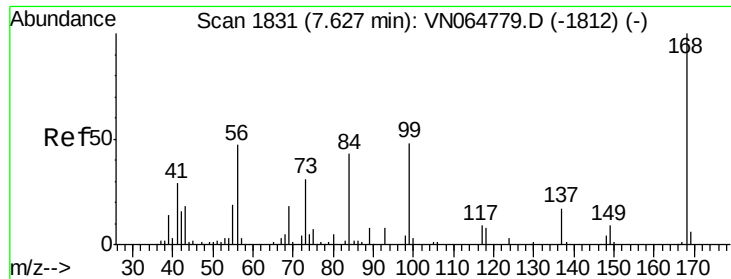
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN064972.D

Acq: 8 Dec 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

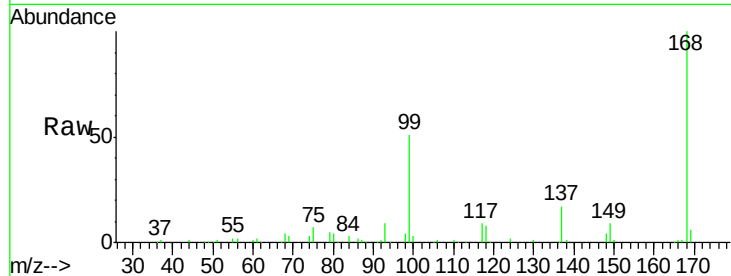
PB133456ZHE#09

Tot Ion:168 Resp: 172590

Ion Ratio Lower Upper

168 100

99 51.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

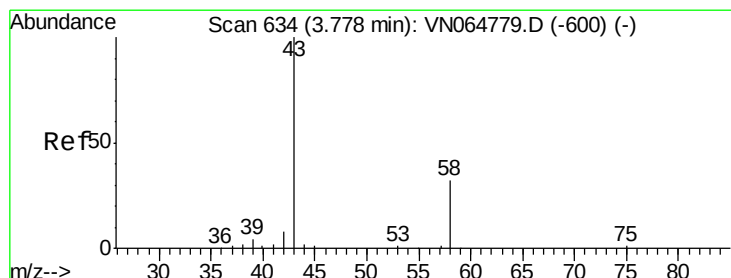
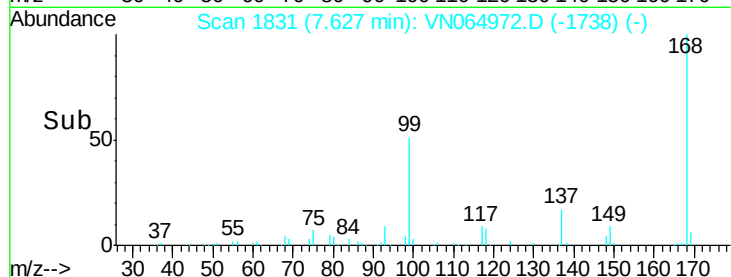
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.249 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN064972.D

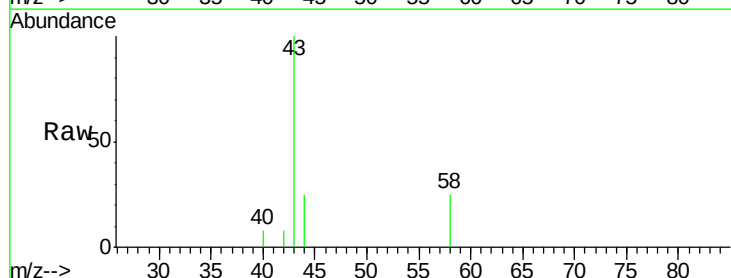
Acq: 8 Dec 2020 16:13

Tgt Ion: 43 Resp: 5441

Ion Ratio Lower Upper

43 100

58 25.2 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

2000

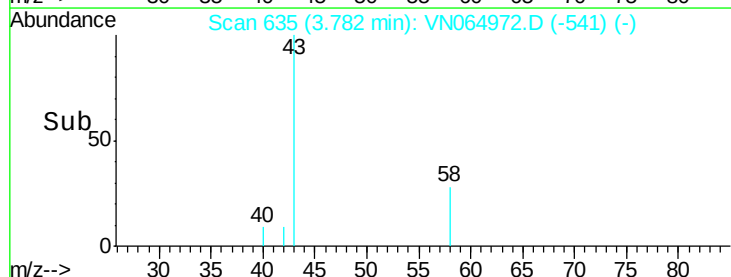
1500

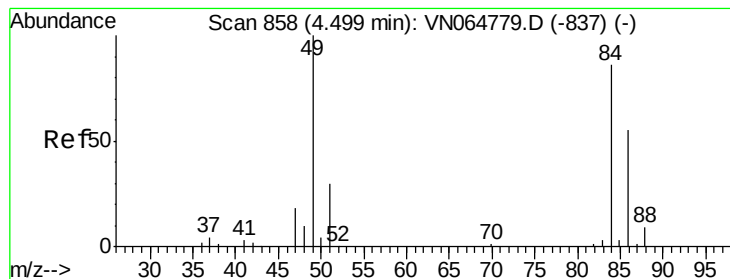
1000

500

0

Time--> 3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 2.386 ug/l

RT: 4.50 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN064972.D

Acq: 8 Dec 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#09

Tot Ion: 84 Resp: 4932

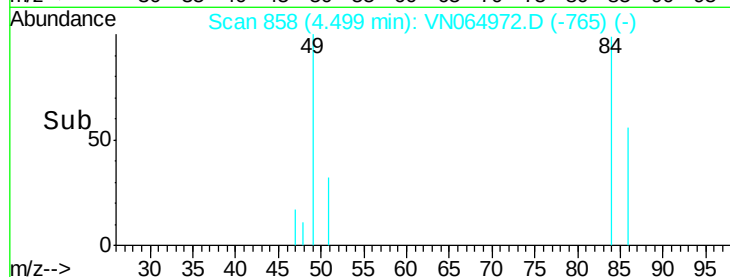
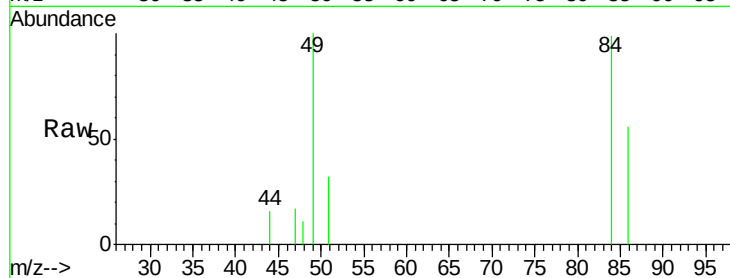
Ion Ratio Lower Upper

84 100

49 100.6 93.4 140.0

51 32.3 28.2 42.4

86 56.4 51.7 77.5

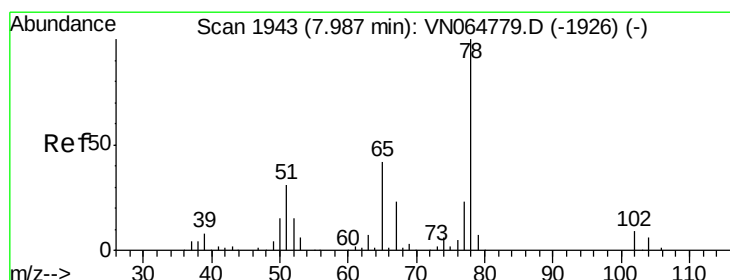
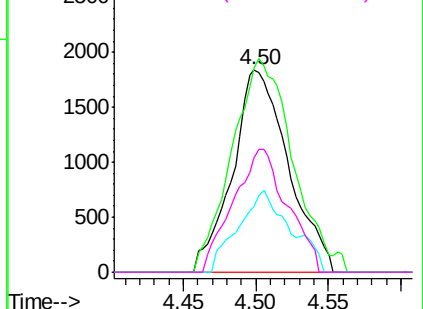


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.352 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064972.D

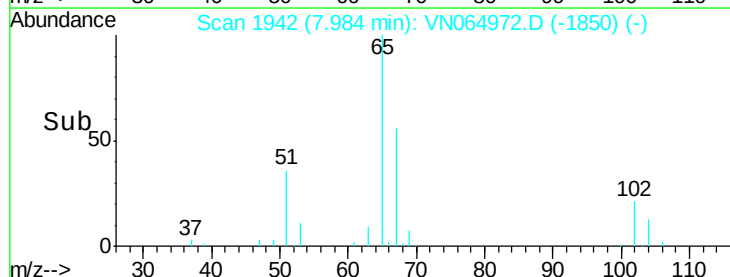
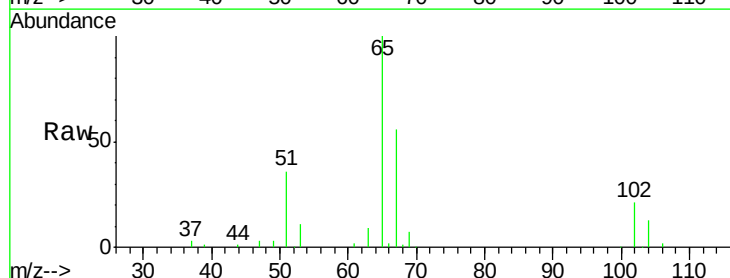
Acq: 8 Dec 2020 16:13

Tgt Ion: 65 Resp: 109056

Ion Ratio Lower Upper

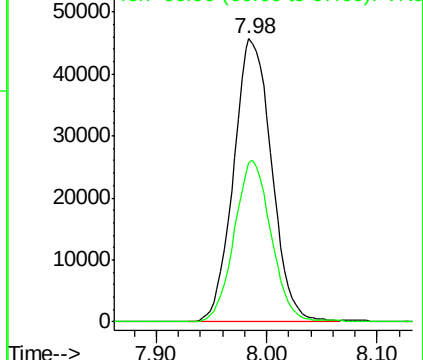
65 100

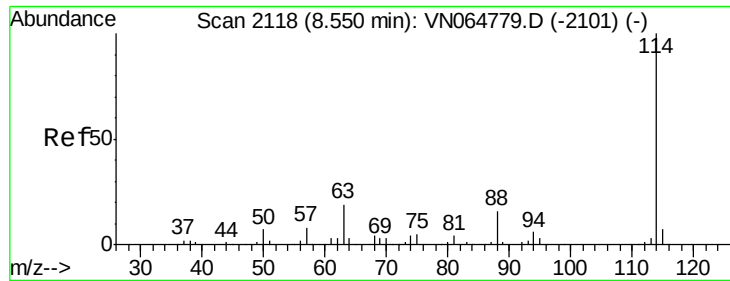
67 55.4 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

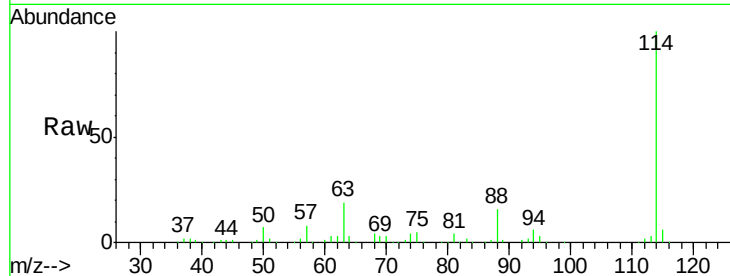




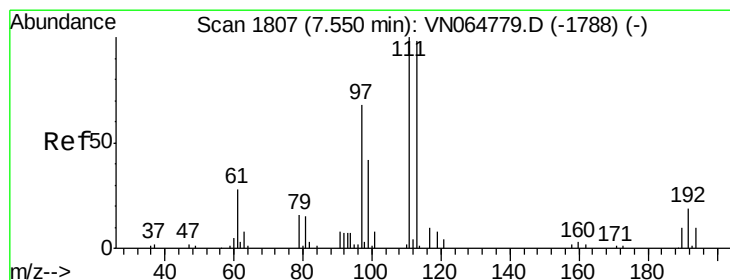
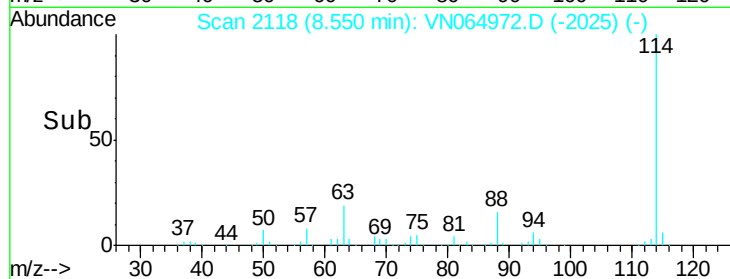
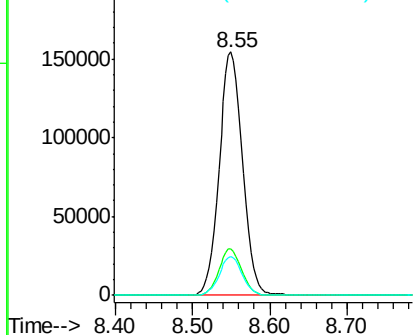
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064972.D
Acq: 8 Dec 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#09

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.6
88	15.8	0.0	32.6

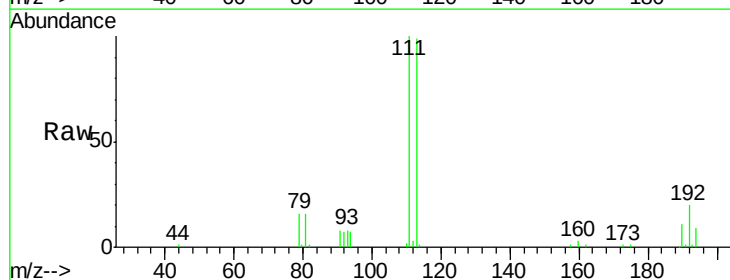


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

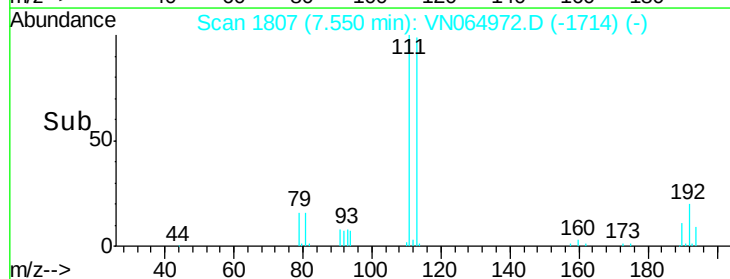
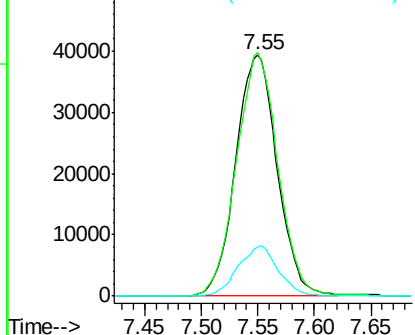


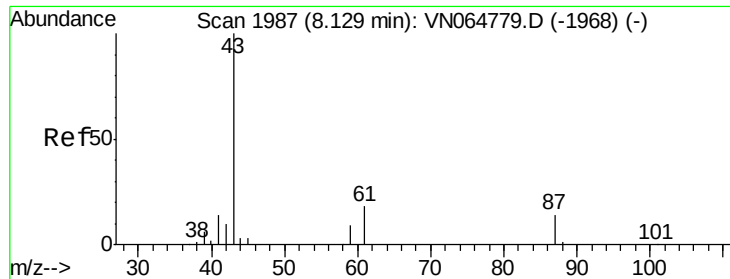
#35
Dibromofluoromethane
Concen: 51.607 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064972.D
Acq: 8 Dec 2020 16:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.6	122.4
192	20.1	16.2	24.2



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: 4.082 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064972.D

Acq: 8 Dec 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#09

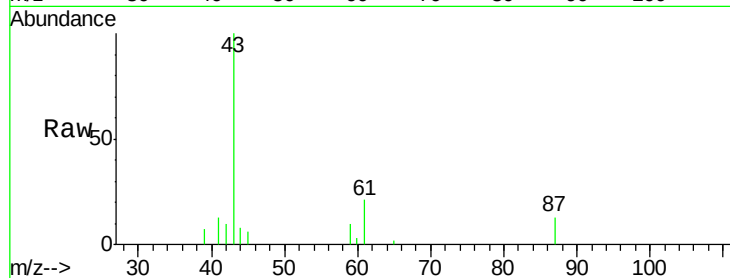
Tot Ion: 43 Resp: 19056

Ion Ratio Lower Upper

43 100

61 16.0 17.2 25.8#

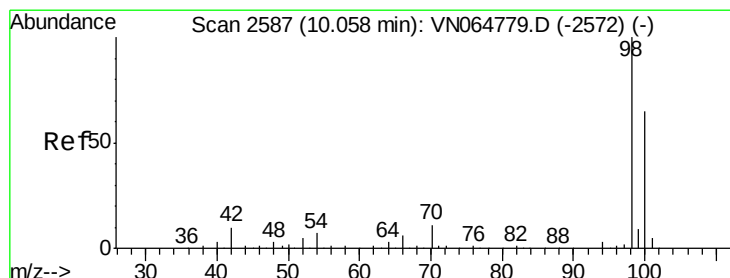
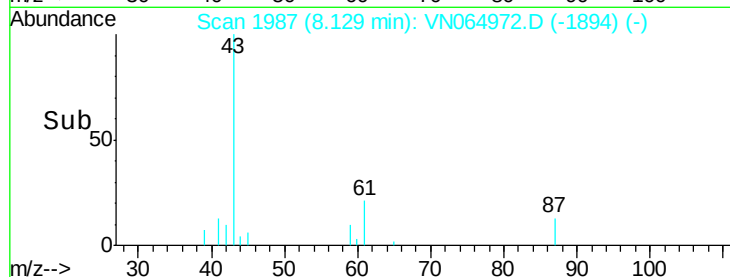
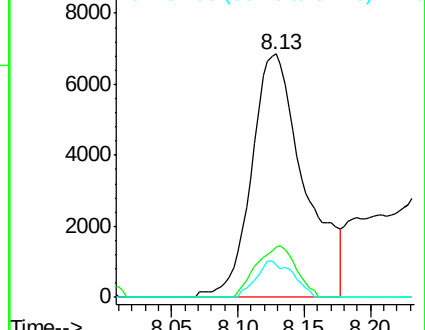
87 10.4 11.4 17.0#



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



#50

Toluene-d8

Concen: 51.568 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064972.D

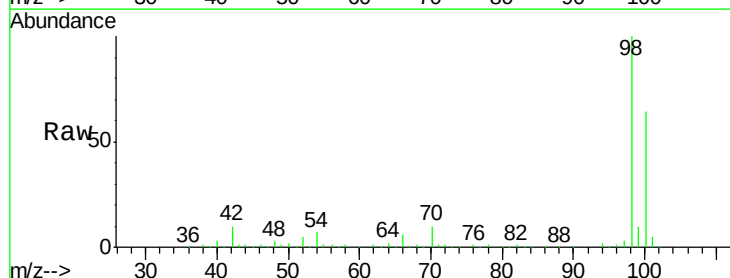
Acq: 8 Dec 2020 16:13

Tgt Ion: 98 Resp: 409620

Ion Ratio Lower Upper

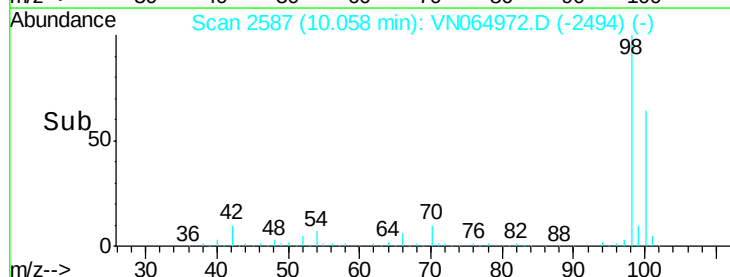
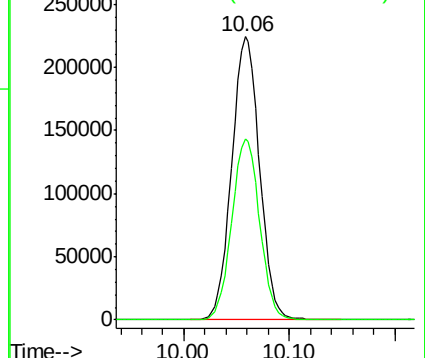
98 100

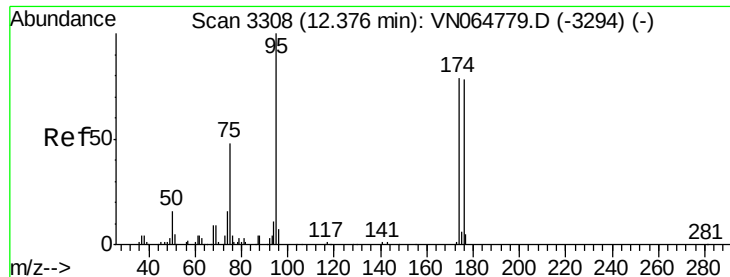
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

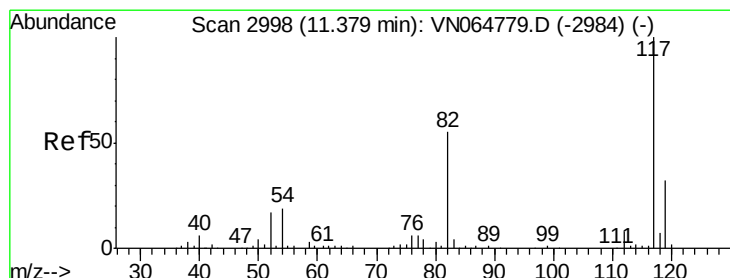
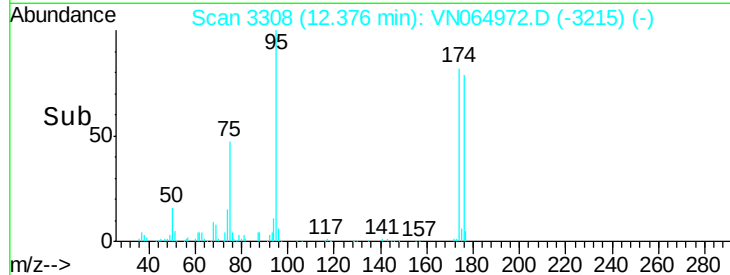
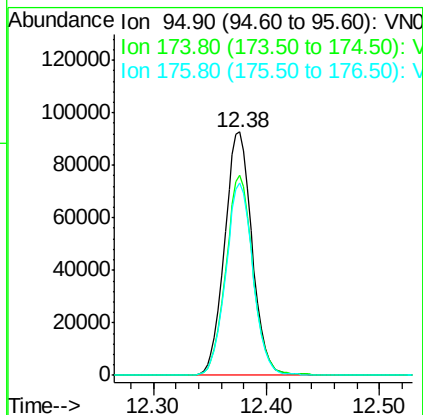
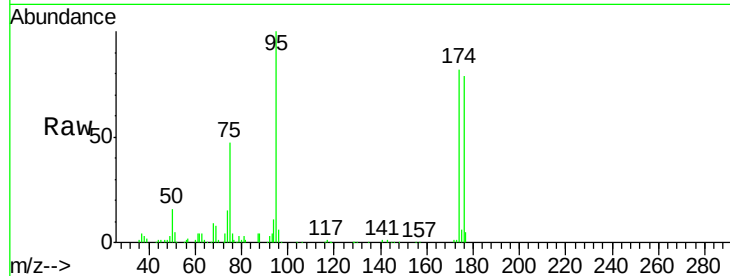




#62
4-Bromofluorobenzene
Concen: 55.127 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064972.D
Acq: 8 Dec 2020 16:13

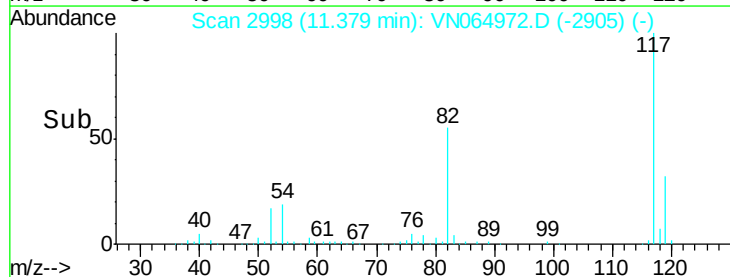
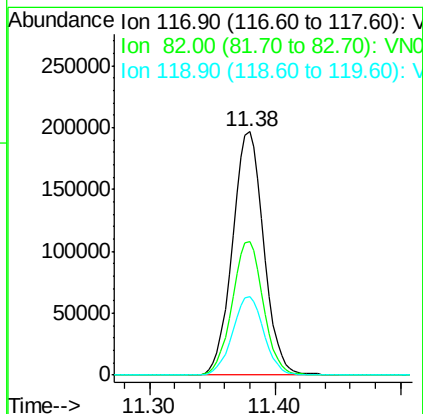
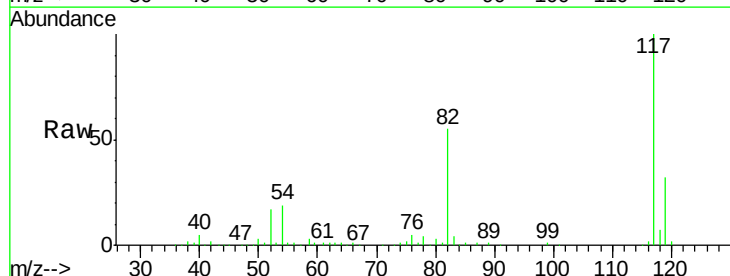
Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#09

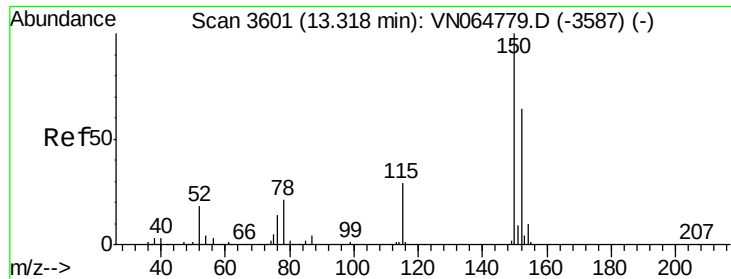
Tot Ion: 95 Resp: 156713
Ion Ratio Lower Upper
95 100
174 81.1 0.0 160.4
176 78.3 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064972.D
Acq: 8 Dec 2020 16:13

Tgt Ion: 117 Resp: 339956
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064972.D

Acq: 8 Dec 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#09

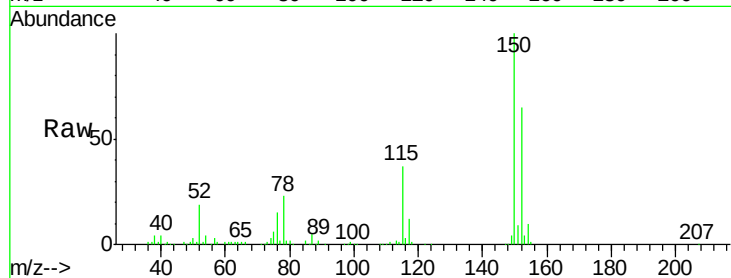
Tot Ion:152 Resp: 145957

Ion Ratio Lower Upper

152 100

115 58.8 29.7 89.1

150 157.3 0.0 350.6



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

