

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064028.D
 Acq On : 9 Oct 2020 8:04
 Operator : JC/MD
 Sample : L4299-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 86-96-COMP

Quant Time: Oct 09 12:29:11 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

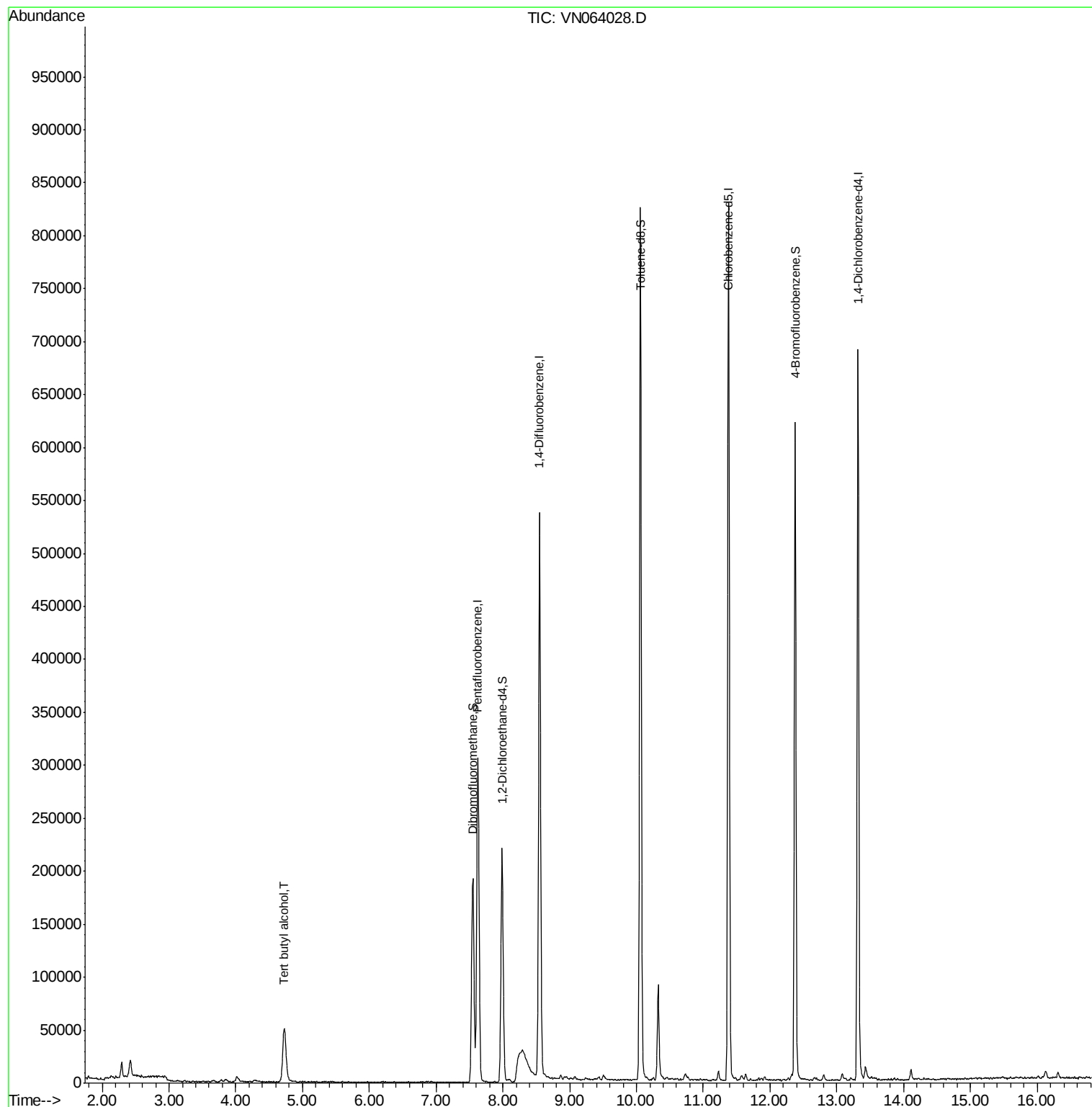
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	236085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	444848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	197379	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
35) Dibromofluoromethane	7.55	113	150308	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	10.06	98	554785	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	12.38	95	211823	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
Target Compounds						
11) Tert butyl alcohol	4.73	59	88165	204.747	ug/l #	Qvalue 86

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN064028.D
Acq On : 9 Oct 2020 8:04
Operator : JC/MD
Sample : L4299-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
86-96-COMP

Quant Time: Oct 09 12:29:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
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: VN064028.D

Acq: 9 Oct 2020 8:04

Instrument :

MSVOA_N

ClientSampleId :

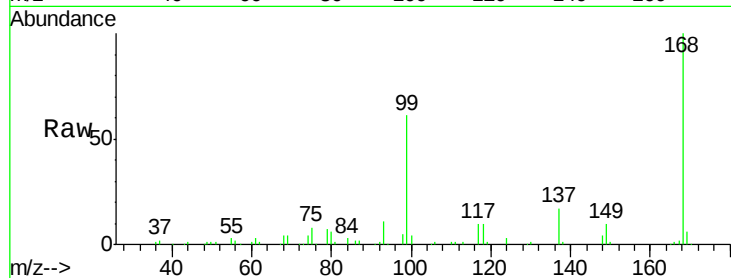
86-96-COMP

Tot Ion:168 Resp: 236085

Ion Ratio Lower Upper

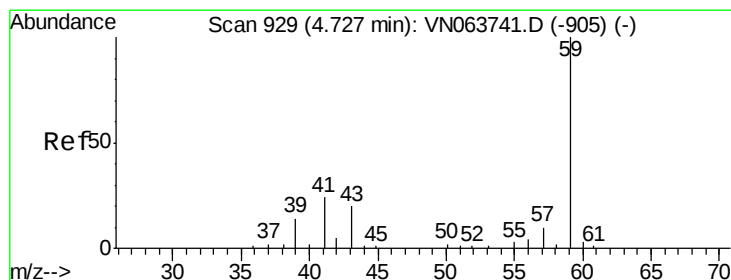
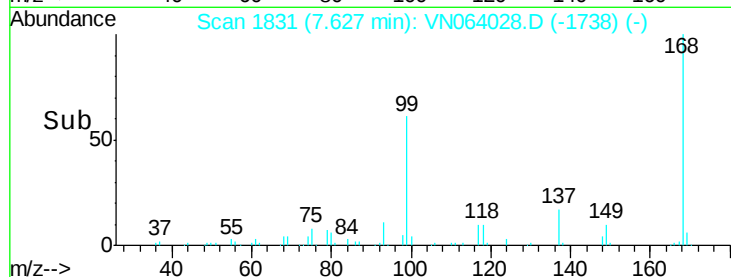
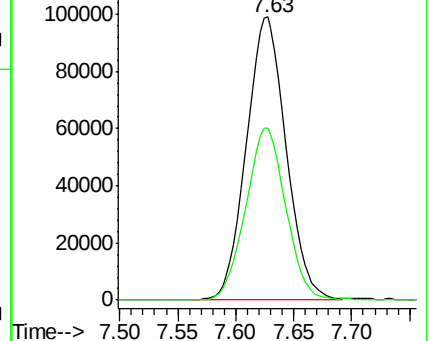
168 100

99 60.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 204.747 ug/l

RT: 4.73 min Scan# 930

Delta R.T. 0.00 min

Lab File: VN064028.D

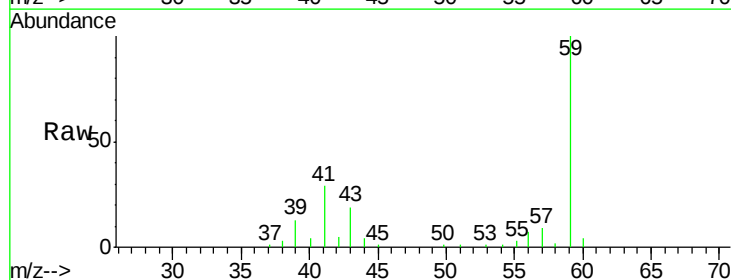
Acq: 9 Oct 2020 8:04

Tgt Ion: 59 Resp: 88165

Ion Ratio Lower Upper

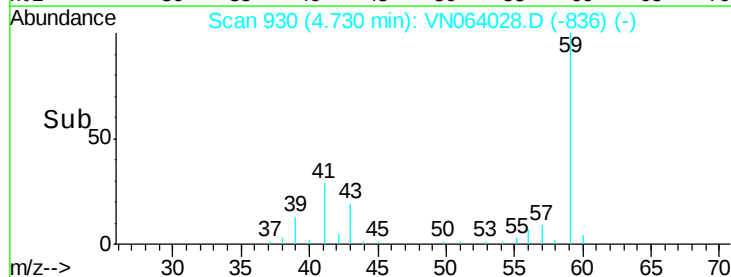
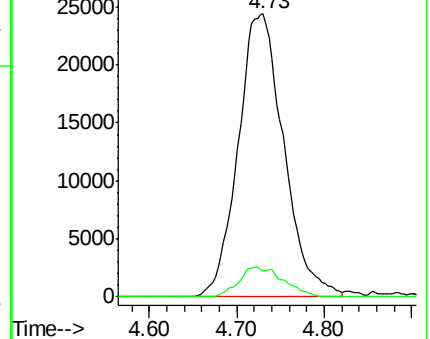
59 100

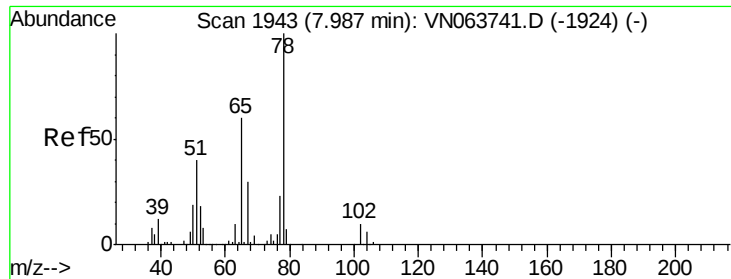
57 5.6 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.606 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

Instrument :

MSVOA_N

ClientSampleId :

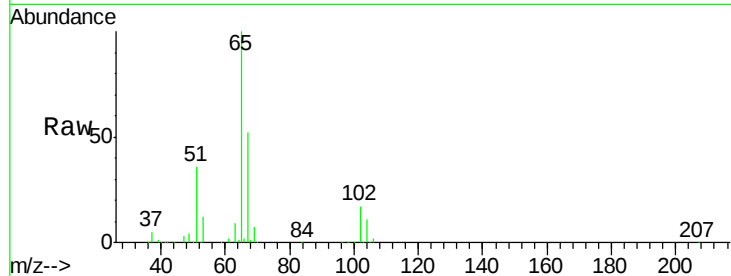
86-96-COMP

Tot Ion: 65 Resp: 197379

Ion Ratio Lower Upper

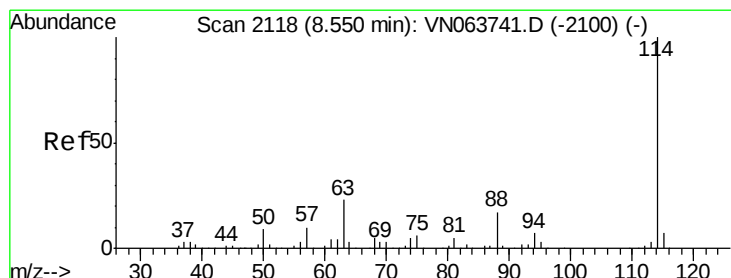
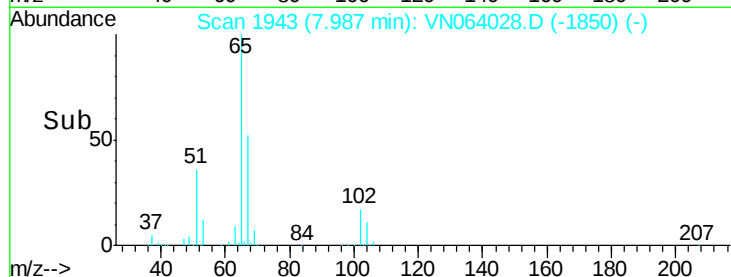
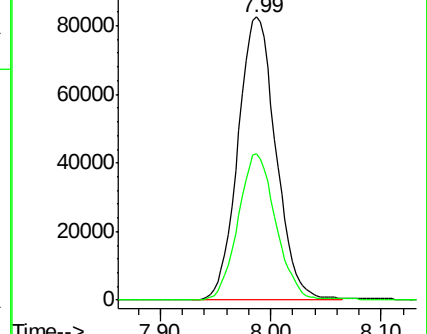
65 100

67 51.2 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

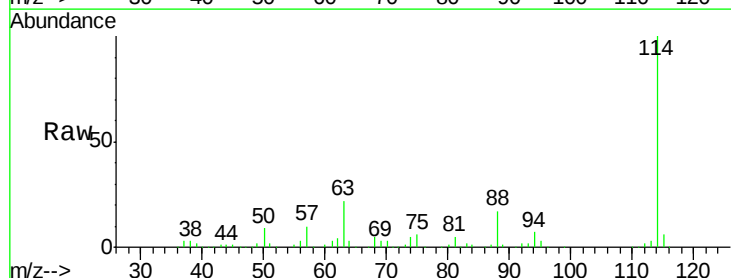
Tgt Ion: 114 Resp: 444848

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

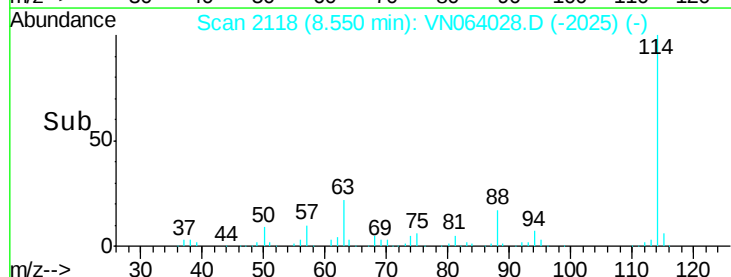
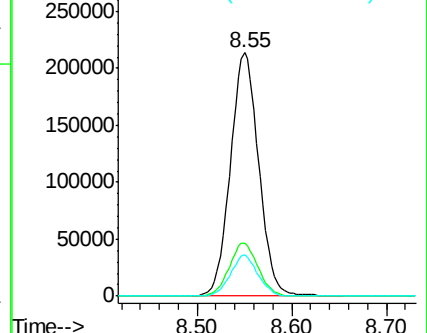
88 16.8 0.0 34.0

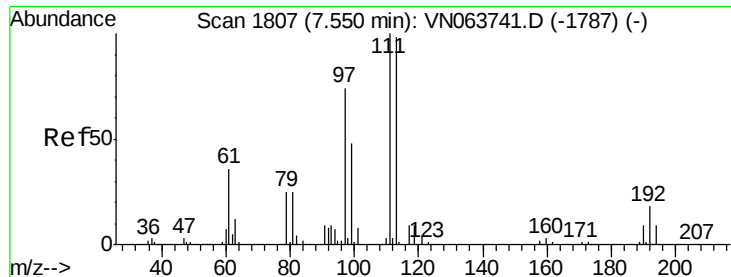


Abundance Ion 113.90 (113.60 to 114.60): VN063741.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063741.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063741.D (-2100) (-)

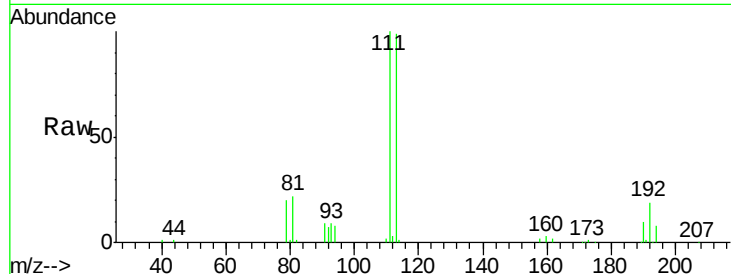




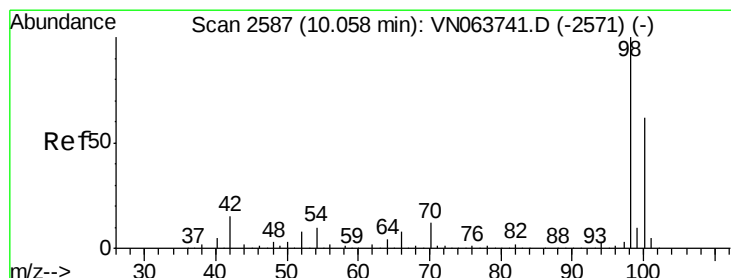
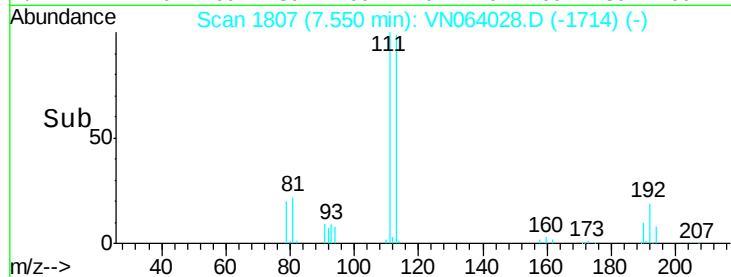
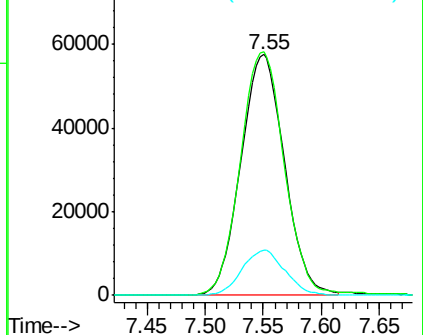
#35
Dibromofluoromethane
Concen: 48.695 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064028.D
Acq: 9 Oct 2020 8:04

Instrument :
MSVOA_N
ClientSampleId :
86-96-COMP

Tot Ion:113 Resp: 150308
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 18.5 14.2 21.2

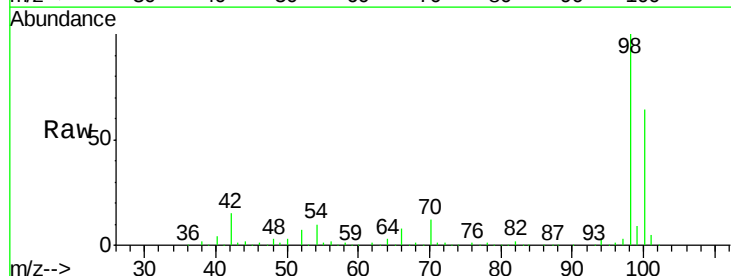


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

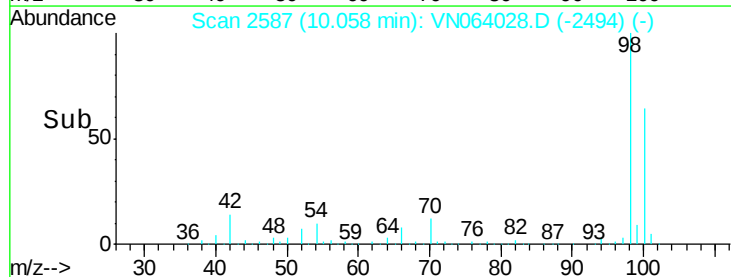
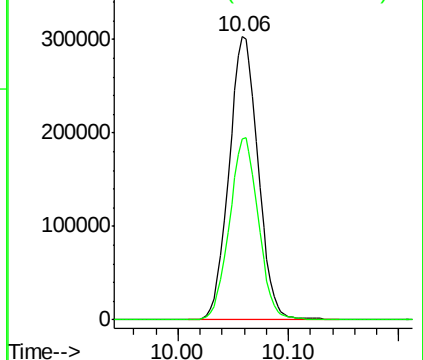


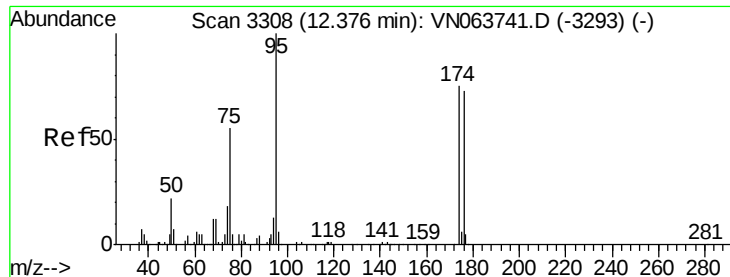
#50
Toluene-d8
Concen: 47.412 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064028.D
Acq: 9 Oct 2020 8:04

Tgt Ion: 98 Resp: 554785
Ion Ratio Lower Upper
98 100
100 64.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

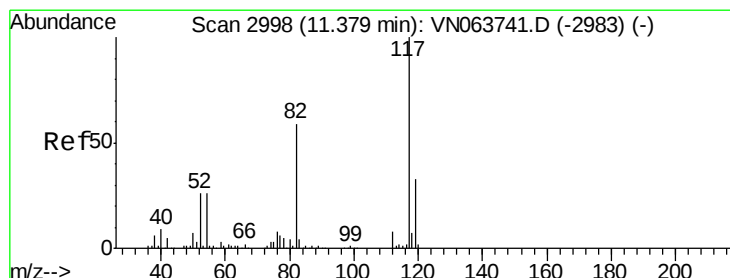
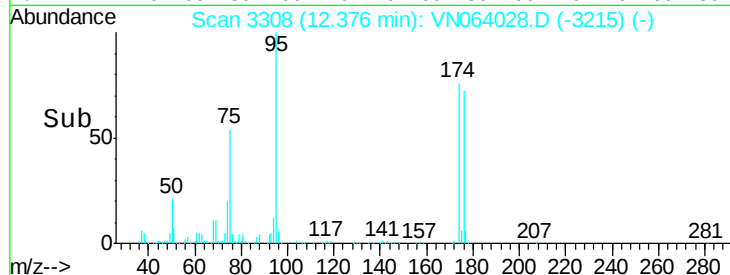
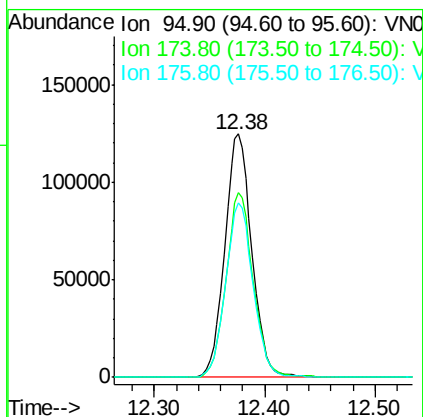
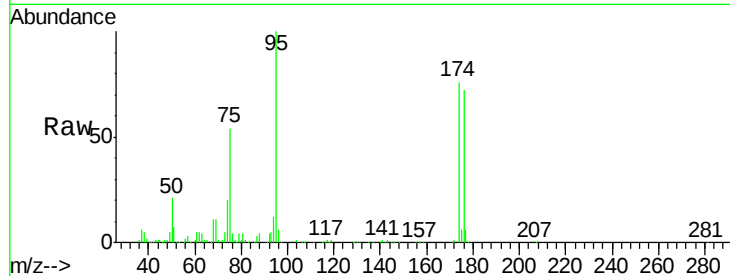




#62
4-Bromofluorobenzene
Concen: 48.156 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064028.D
Acq: 9 Oct 2020 8:04

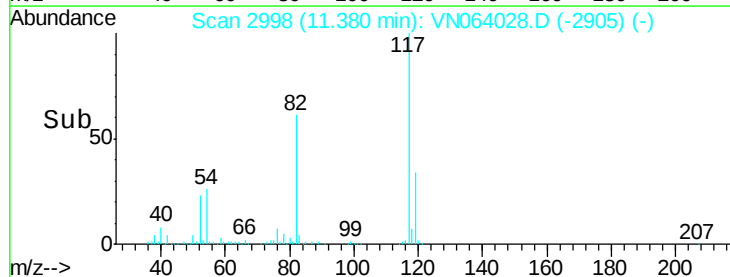
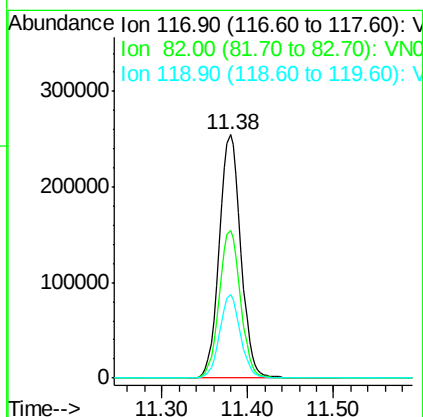
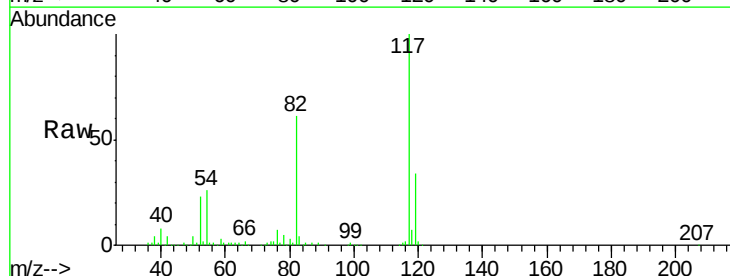
Instrument :
MSVOA_N
ClientSampleId :
86-96-COMP

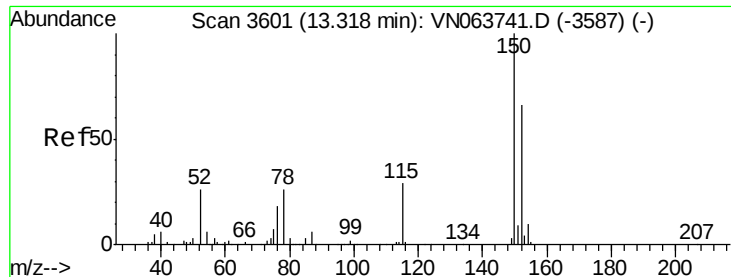
Tot Ion: 95 Resp: 211823
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.6
176 72.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064028.D
Acq: 9 Oct 2020 8:04

Tgt Ion: 117 Resp: 444592
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 34.2 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

Instrument :

MSVOA_N

ClientSampleId :

86-96-COMP

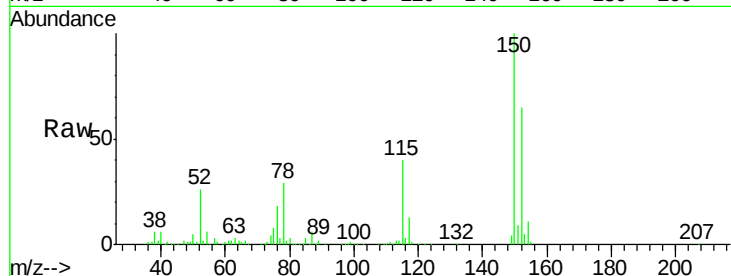
Tot Ion:152 Resp: 175478

Ion Ratio Lower Upper

152 100

115 61.4 31.3 93.8

150 158.9 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

