

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064301.D
 Acq On : 23 Oct 2020 21:39
 Operator : JC/MD
 Sample : L4486-08 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1814

Quant Time: Oct 26 02:51:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

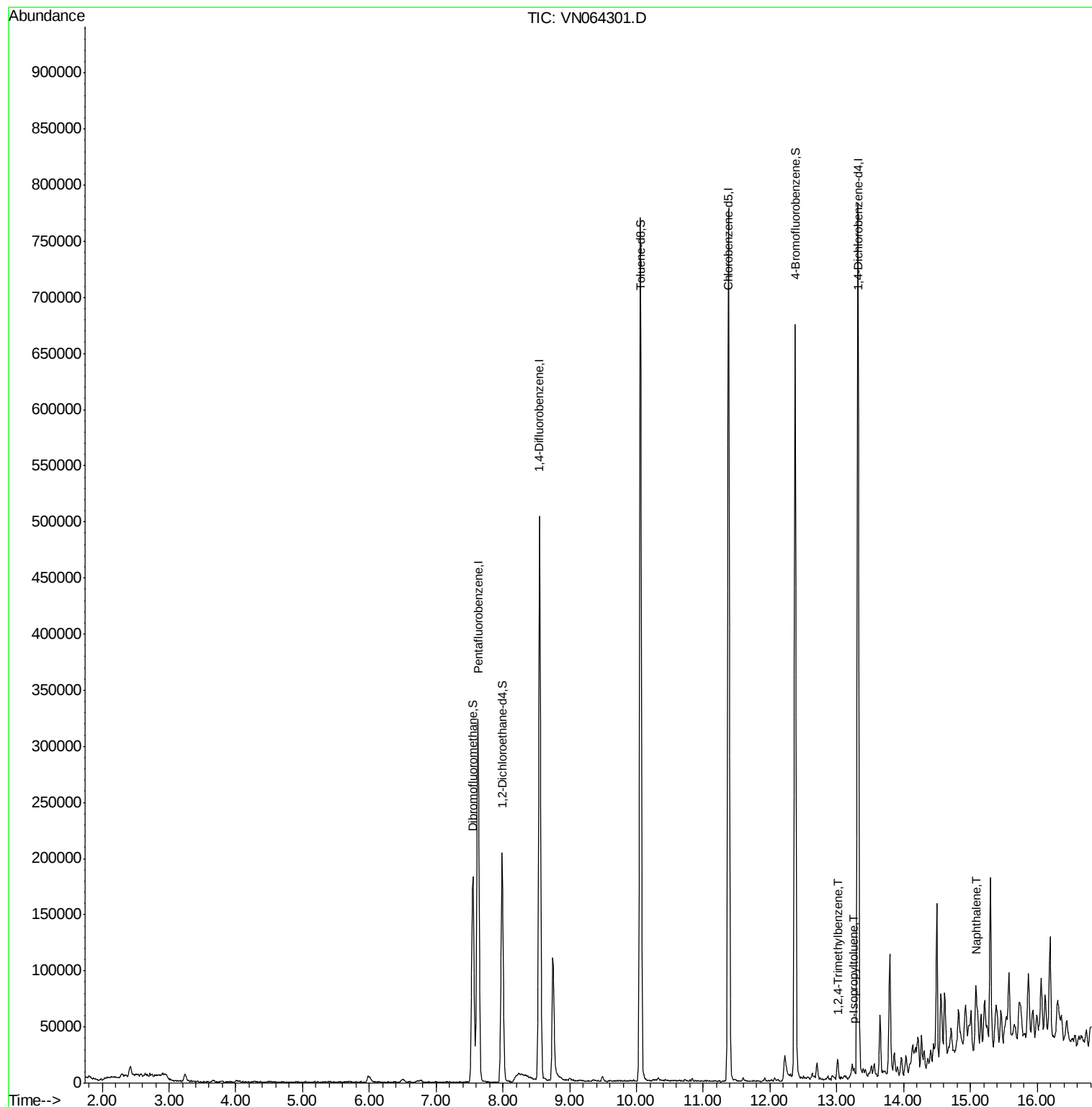
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	239504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	415883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	188794	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
35) Dibromofluoromethane	7.55	113	140060	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
50) Toluene-d8	10.06	98	527821	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.38	95	230957	56.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.60%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.02	105	8727	0.706	ug/l	97
86) p-Isopropyltoluene	13.26	119	2622	0.224	ug/l	83
95) Naphthalene	15.10	128	12912	1.270	ug/l #	92

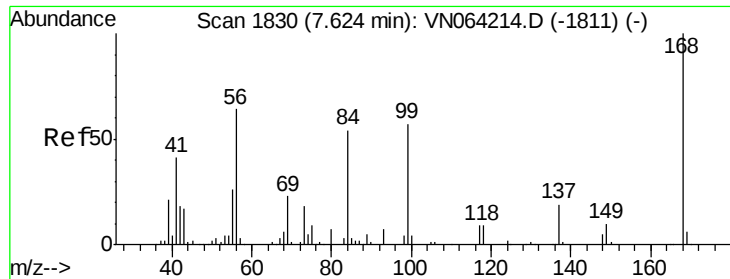
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064301.D

Acq: 23 Oct 2020 21:39

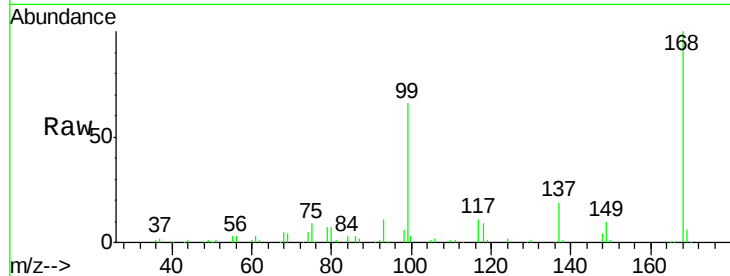
Instrument :
MSVOA_N
ClientSampleId :
1814

Tot Ion:168 Resp: 239504

Ion Ratio Lower Upper

168 100

99 65.7 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

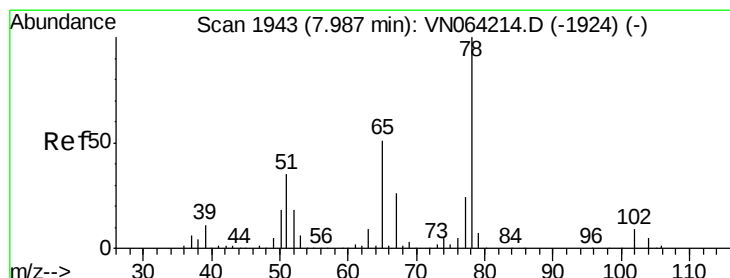
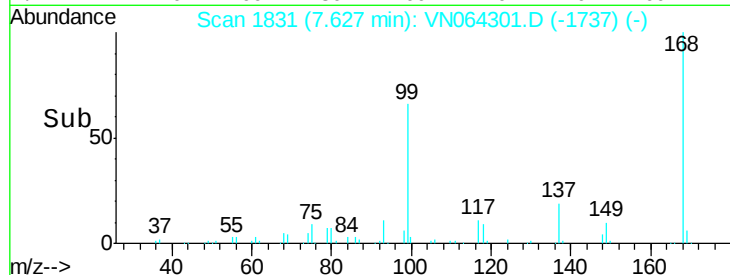
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 53.080 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064301.D

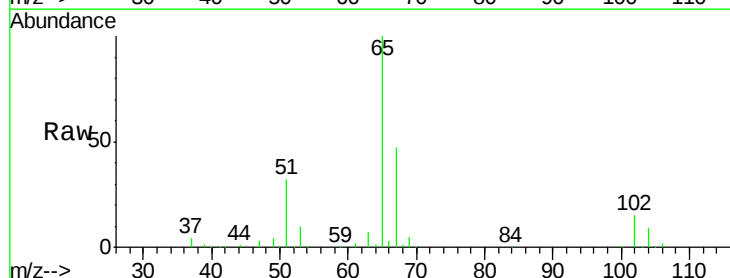
Acq: 23 Oct 2020 21:39

Tgt Ion: 65 Resp: 188794

Ion Ratio Lower Upper

65 100

67 48.8 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

80000

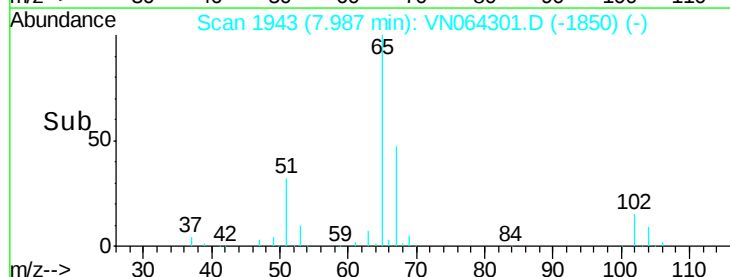
60000

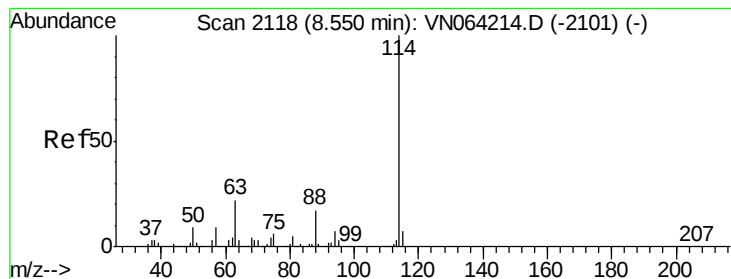
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064301.D

Acq: 23 Oct 2020 21:39

Instrument :

MSVOA_N

ClientSampleId :

1814

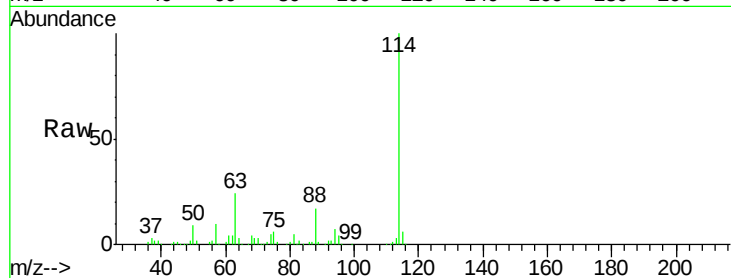
Tot Ion:114 Resp: 415883

Ion Ratio Lower Upper

114 100

63 24.2 0.0 44.0

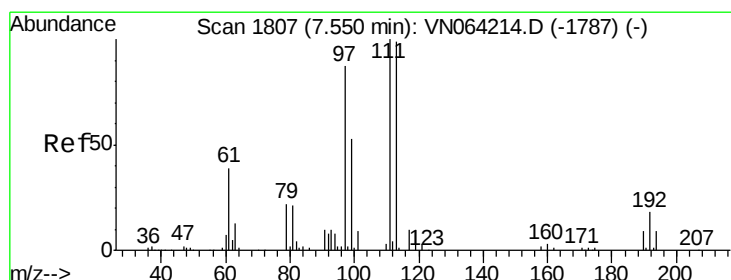
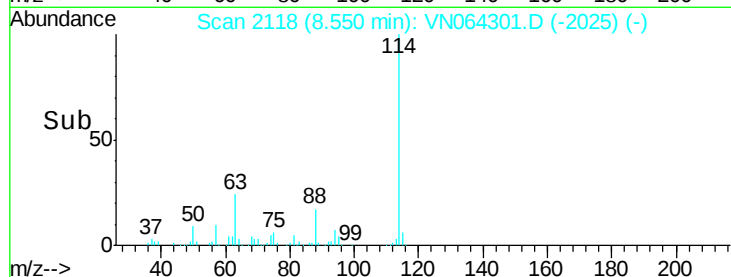
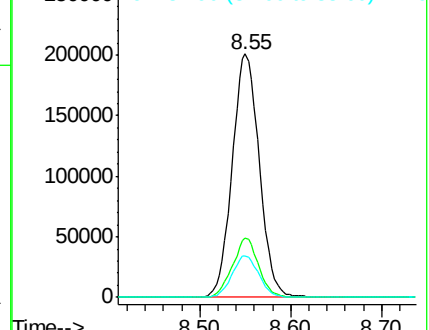
88 17.2 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.655 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064301.D

Acq: 23 Oct 2020 21:39

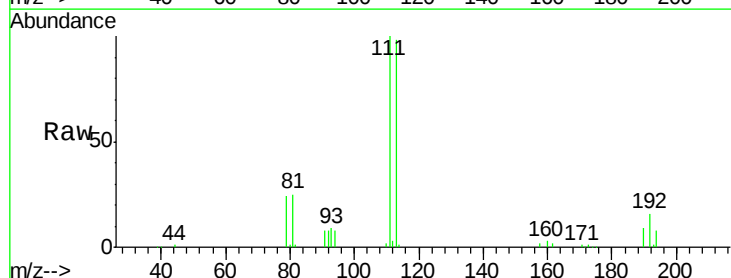
Tgt Ion:113 Resp: 140060

Ion Ratio Lower Upper

113 100

111 102.8 84.2 126.2

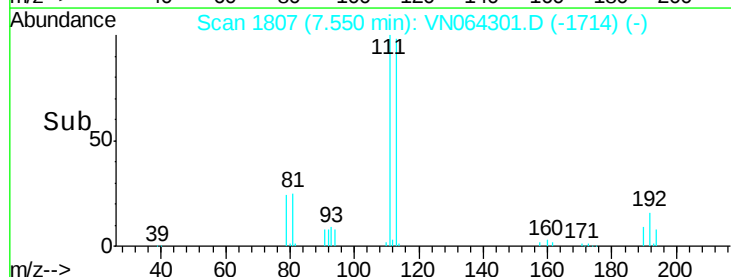
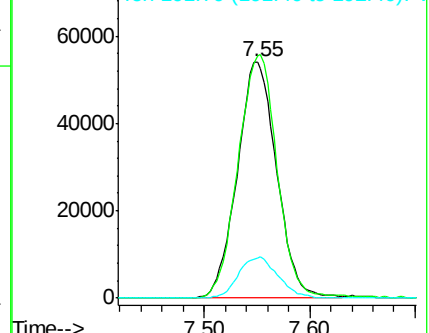
192 17.4 15.2 22.8

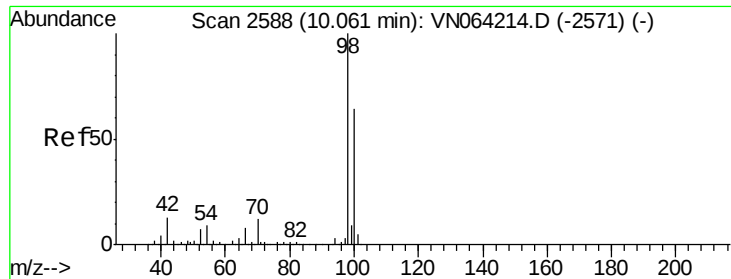


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.624 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064301.D

Acq: 23 Oct 2020 21:39

Instrument :

MSVOA_N

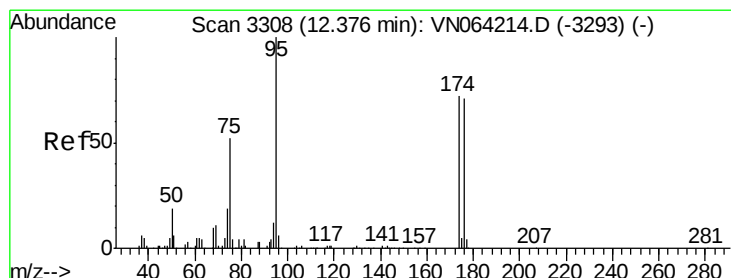
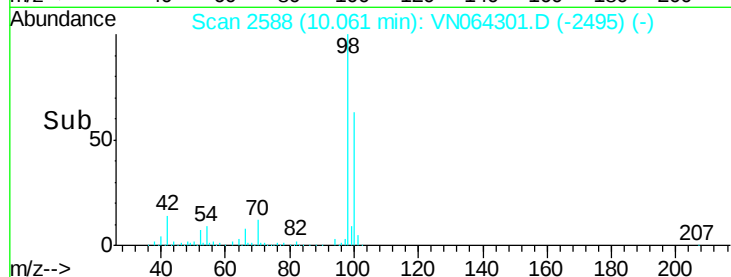
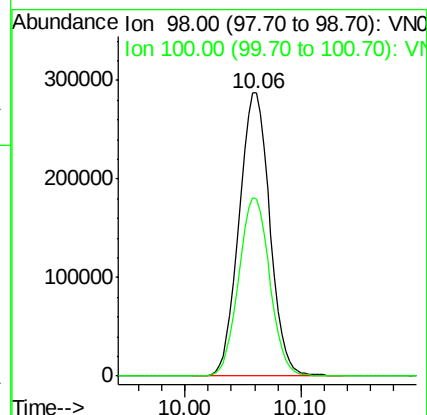
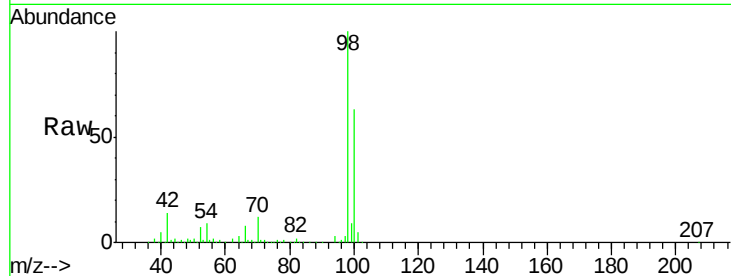
ClientSampleId :
1814

Tot Ion: 98 Resp: 527821

Ion Ratio Lower Upper

98 100

100 63.6 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 56.801 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064301.D

Acq: 23 Oct 2020 21:39

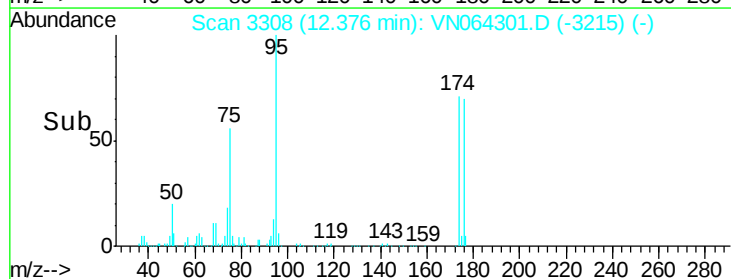
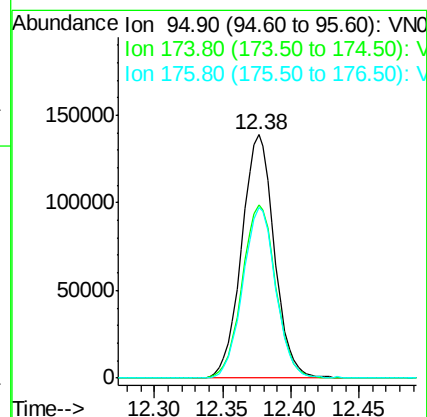
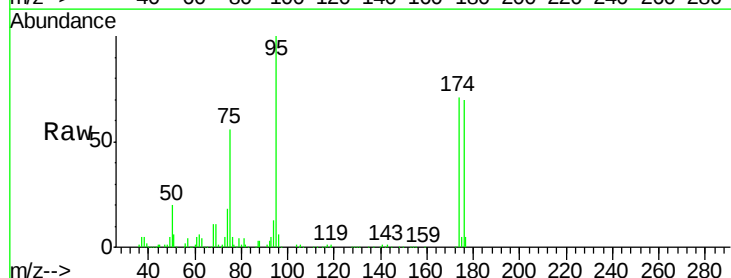
Tgt Ion: 95 Resp: 230957

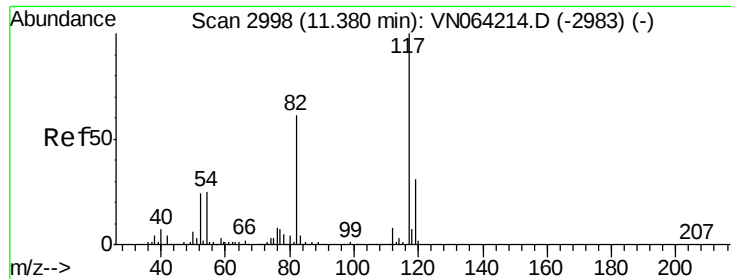
Ion Ratio Lower Upper

95 100

174 73.2 0.0 144.4

176 70.4 0.0 139.2

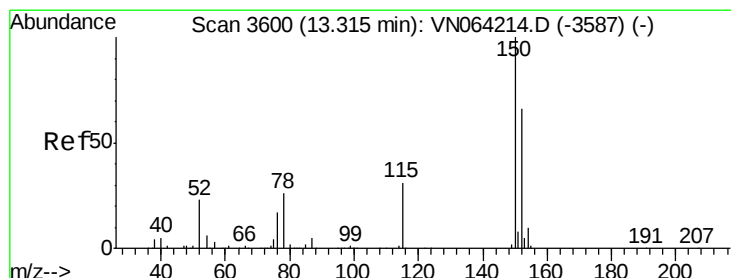
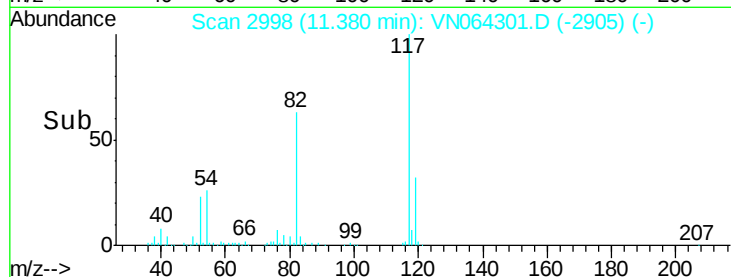
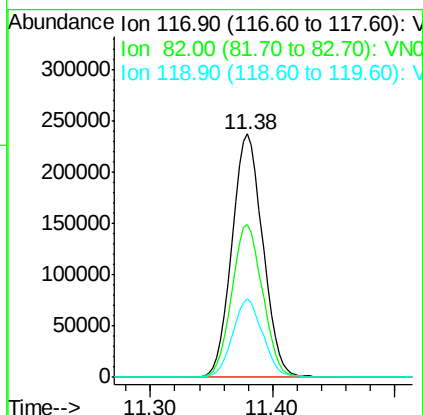
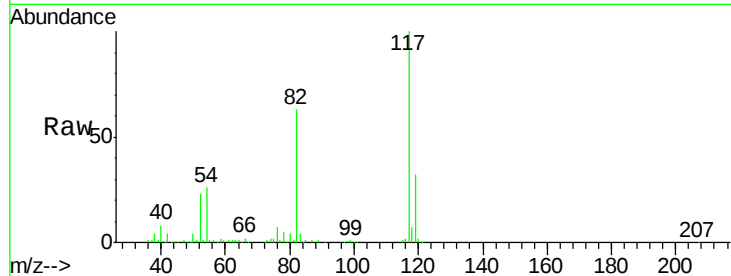




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064301.D
Acq: 23 Oct 2020 21:39

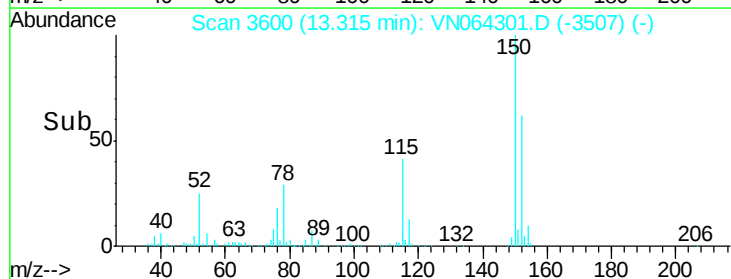
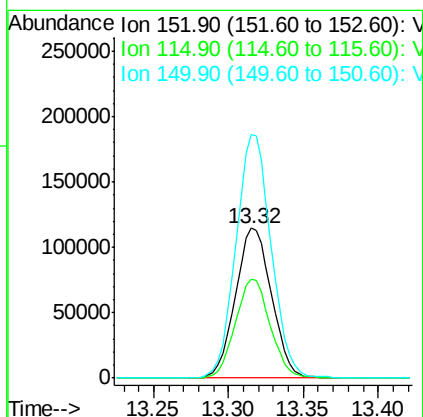
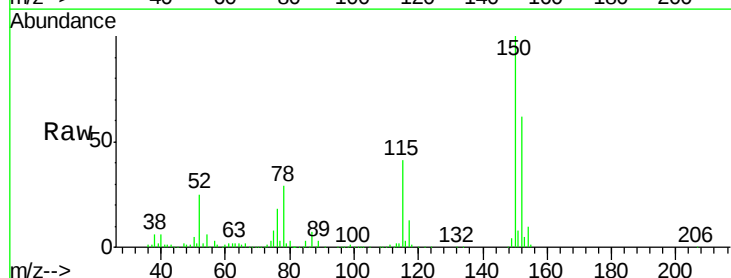
Instrument :
MSVOA_N
ClientSampleId :
1814

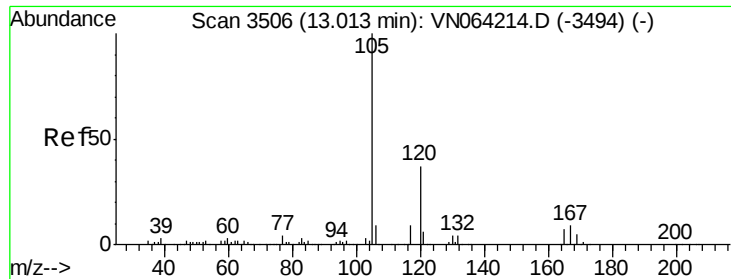
Tot Ion:117 Resp: 417645
Ion Ratio Lower Upper
117 100
82 62.9 48.8 73.2
119 32.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064301.D
Acq: 23 Oct 2020 21:39

Tgt Ion:152 Resp: 192599
Ion Ratio Lower Upper
152 100
115 64.0 32.0 96.2
150 158.6 0.0 356.6

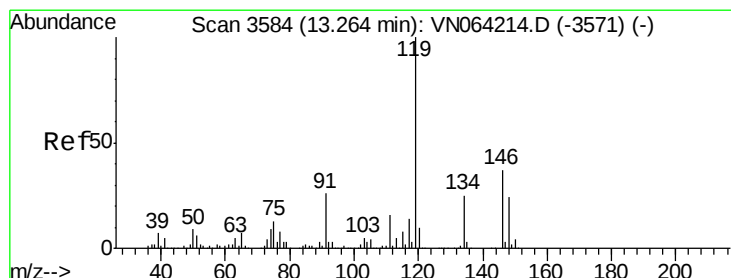
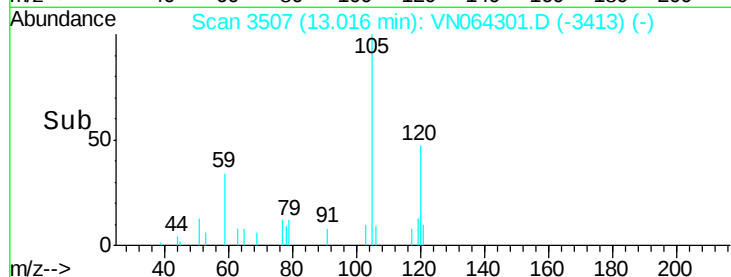
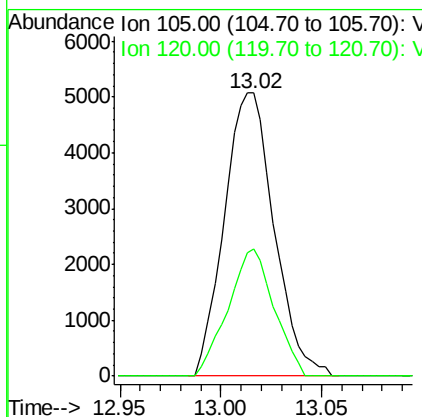
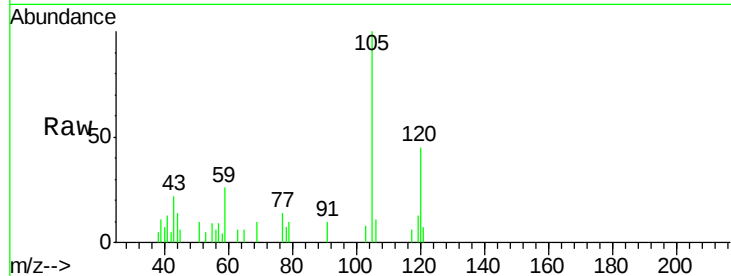




#84
 1,2,4-Trimethylbenzene
 Concen: 0.706 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064301.D
 Acq: 23 Oct 2020 21:39

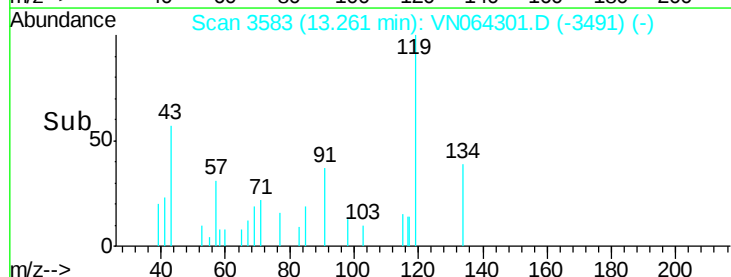
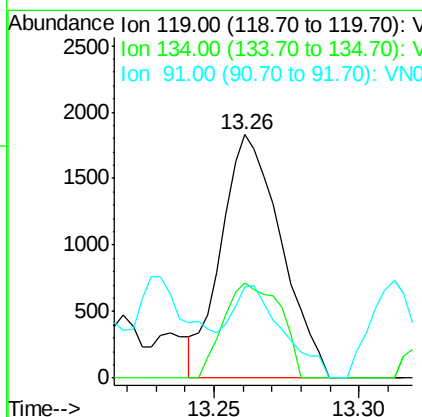
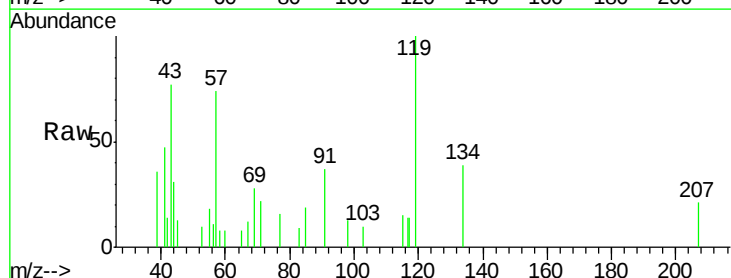
Instrument :
 MSVOA_N
 ClientSampled :
 1814

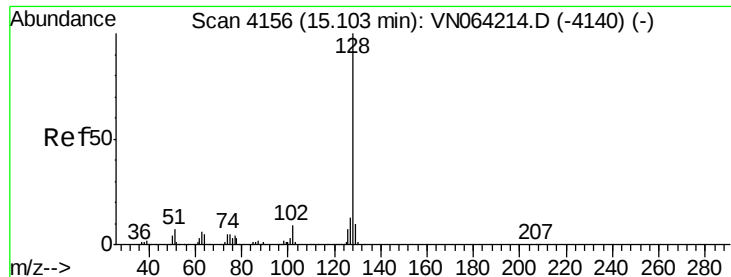
Tot Ion:105 Resp: 8727
 Ion Ratio Lower Upper
 105 100
 120 41.4 21.5 64.5



#86
 p-Isopropyltoluene
 Concen: 0.224 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064301.D
 Acq: 23 Oct 2020 21:39

Tgt Ion:119 Resp: 2622
 Ion Ratio Lower Upper
 119 100
 134 37.3 13.1 39.3
 91 33.2 13.4 40.2

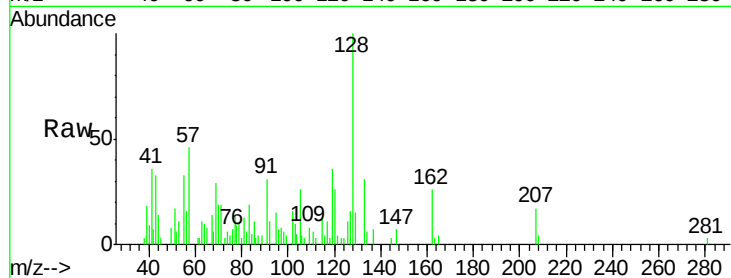




#95
Naphthalene
Concen: 1.270 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064301.D
Acq: 23 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
1814

Tot Ion:128 Resp: 12912
Ion Ratio Lower Upper
128 100
127 16.6 10.5 15.7#
129 13.1 8.6 12.8#



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

