

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064858.D
 Acq On : 25 Nov 2020 16:06
 Operator : JC/MD
 Sample : L4895-01DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-56-67DL

Quant Time: Nov 26 04:31:52 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	7.62	168	168726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	317539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	334705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166023	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	104584	53.32	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.64%	
35) Dibromofluoromethane		7.55	113	95503	50.26	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.52%	
50) Toluene-d8		10.06	98	397869	51.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.50%	
62) 4-Bromofluorobenzene		12.37	95	169195	60.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.80%	

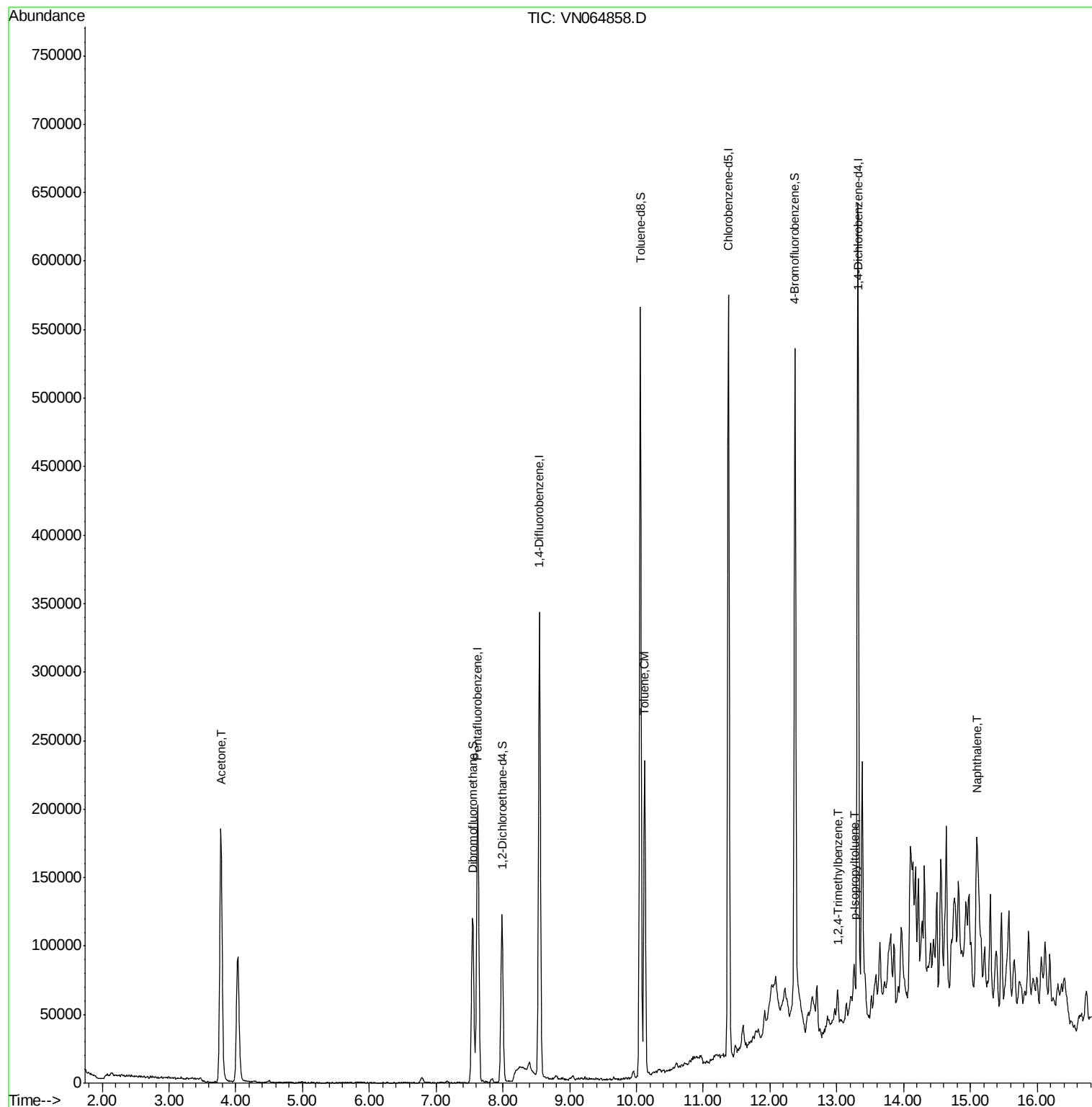
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	306972	476.061	ug/l	98
52) Toluene	10.12	92	102792	18.506	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	12214	1.259	ug/l	97
86) p-Isopropyltoluene	13.26	119	11066	1.138	ug/l	93
95) Naphthalene	15.10	128	60347	5.995	ug/l #	95

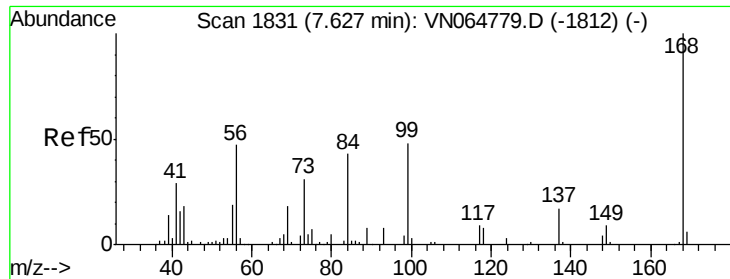
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

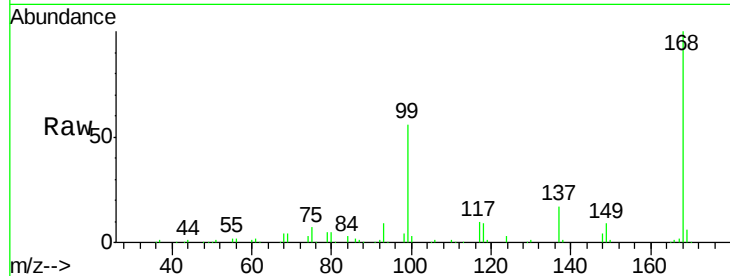
COMP-56-67DL

Tot Ion:168 Resp: 168726

Ion Ratio Lower Upper

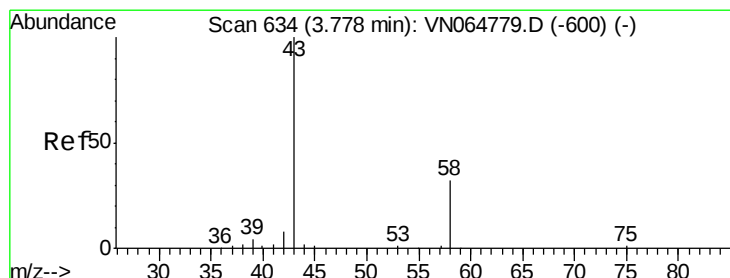
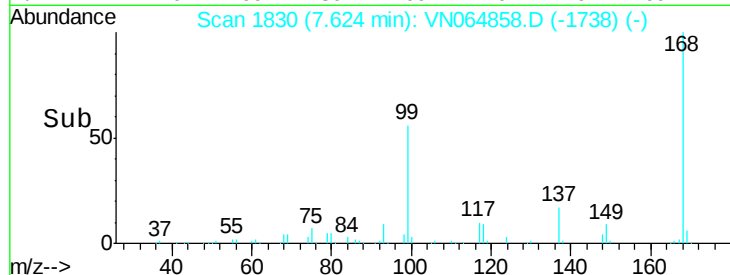
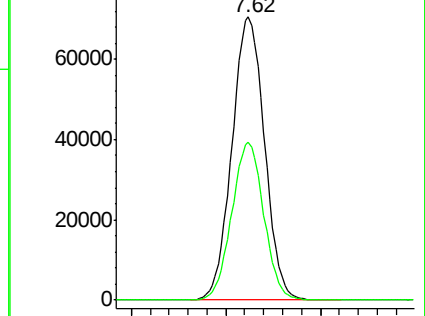
168 100

99 55.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 476.061 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064858.D

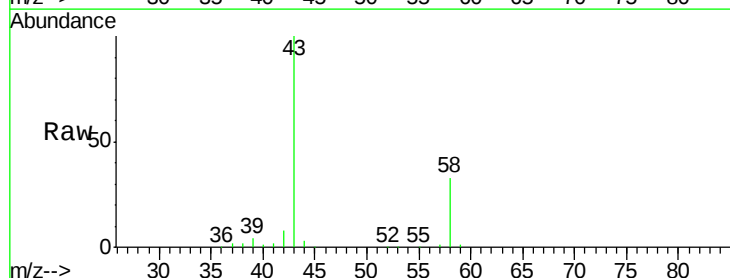
Acq: 25 Nov 2020 16:06

Tgt Ion: 43 Resp: 306972

Ion Ratio Lower Upper

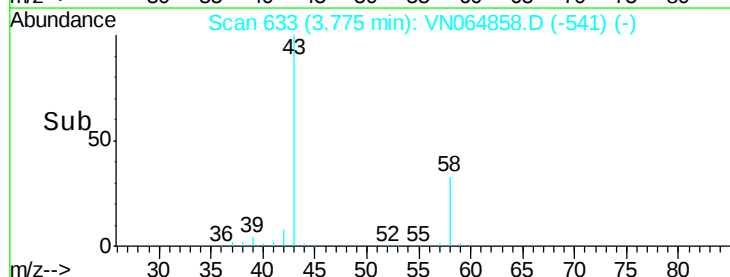
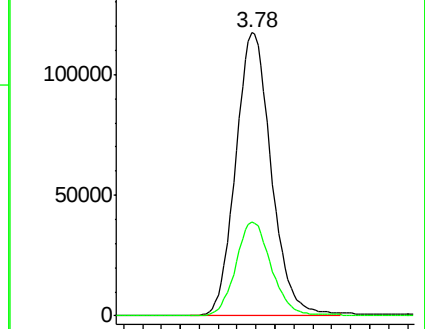
43 100

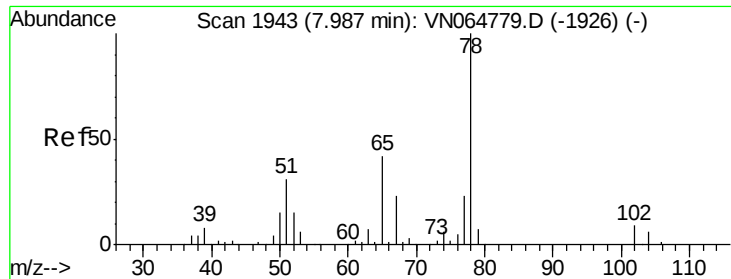
58 33.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 53.317 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

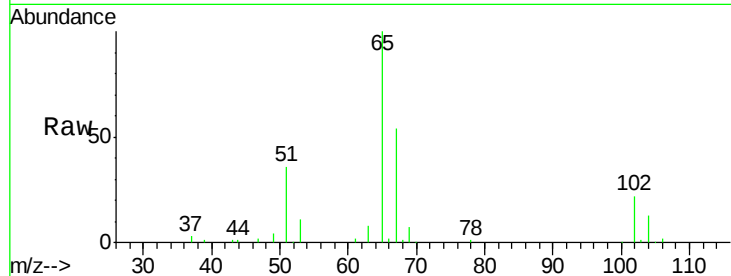
COMP-56-67DL

Tot Ion: 65 Resp: 104584

Ion Ratio Lower Upper

65 100

67 54.8 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064779.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN064779.D (-1926) (-)

7.98

50000

40000

30000

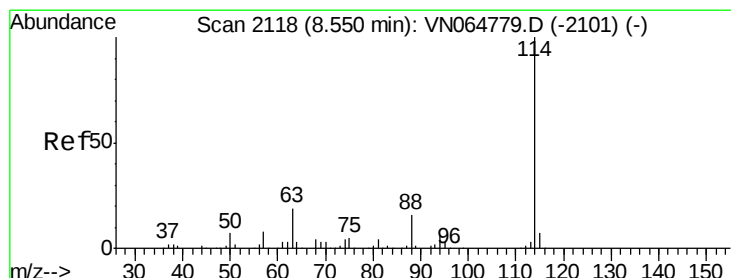
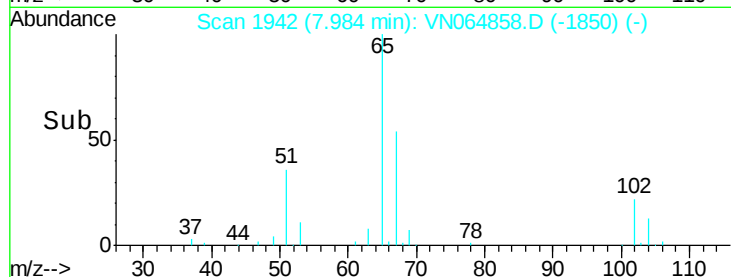
20000

10000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

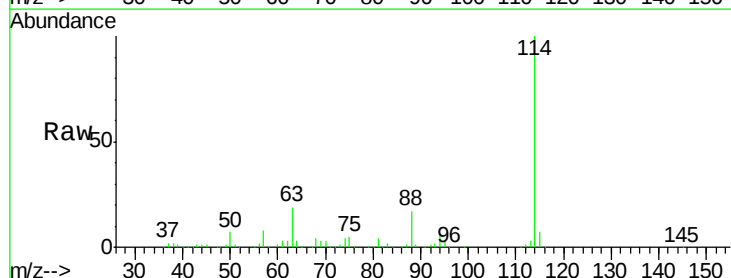
Tgt Ion: 114 Resp: 317539

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

88 16.8 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN064779.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN064779.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN064779.D (-2101) (-)

8.55

200000

150000

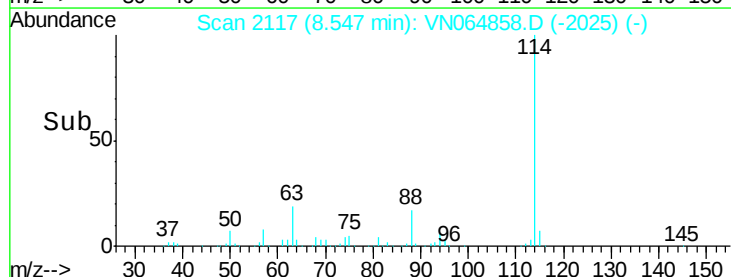
100000

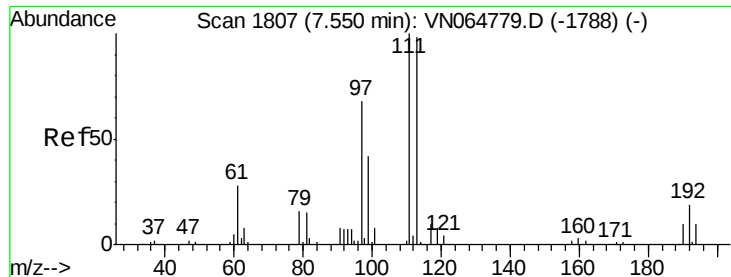
50000

0

Time-->

8.50 8.60 8.70

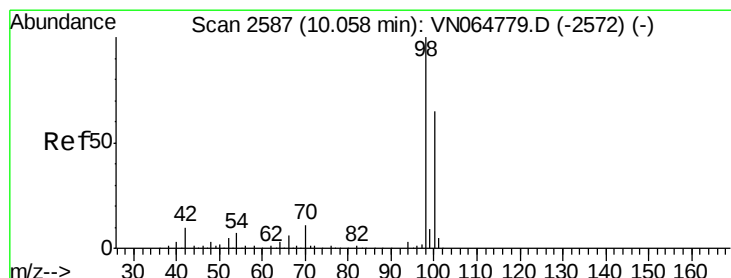
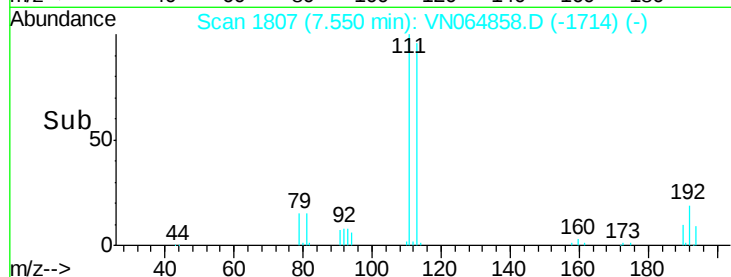
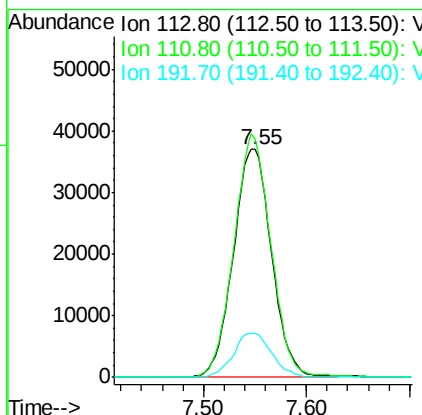
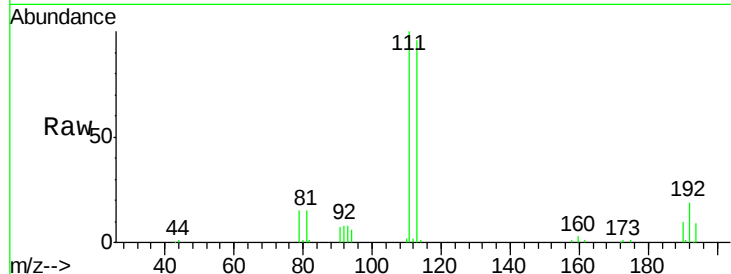




#35
 Dibromofluoromethane
 Concen: 50.263 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064858.D
 Acq: 25 Nov 2020 16:06

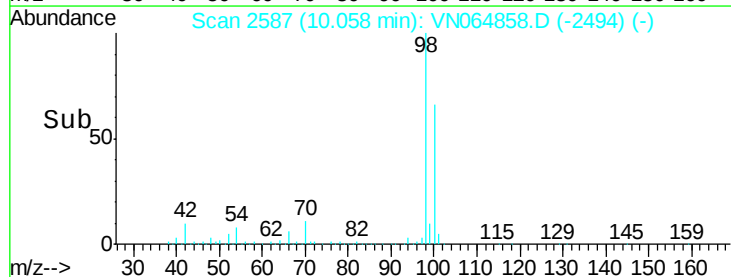
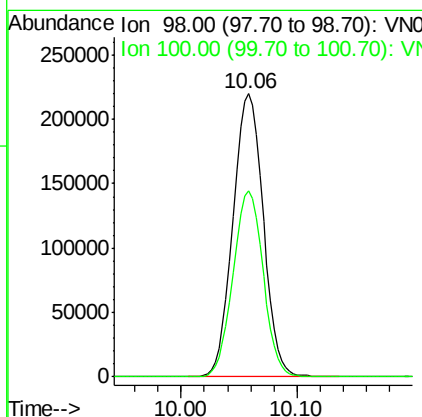
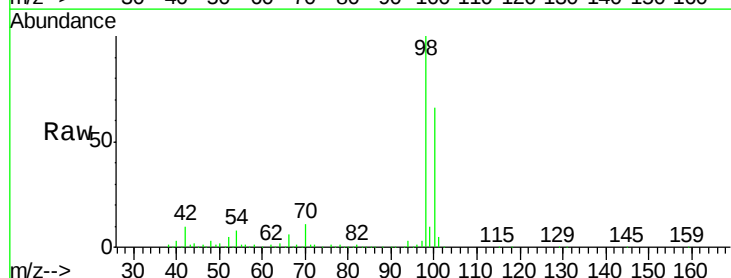
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-56-67DL

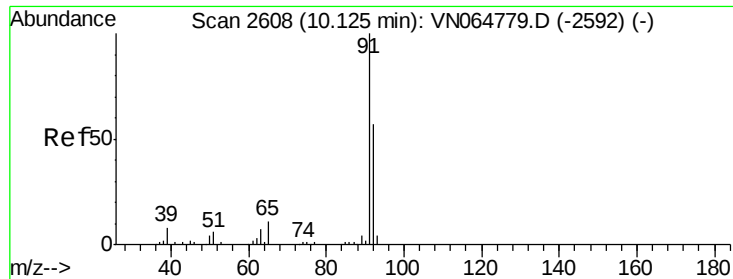
Tot Ion:113 Resp: 95503
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.6 122.4
 192 19.5 16.2 24.2



#50
 Toluene-d8
 Concen: 51.249 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064858.D
 Acq: 25 Nov 2020 16:06

Tgt Ion: 98 Resp: 397869
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.7 77.5





#52

Toluene

Concen: 18.506 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

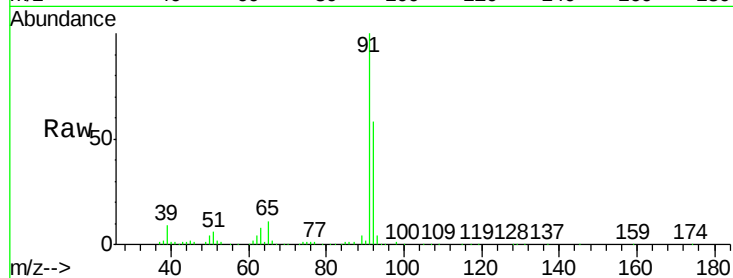
COMP-56-67DL

Tot Ion: 92 Resp: 102792

Ion Ratio Lower Upper

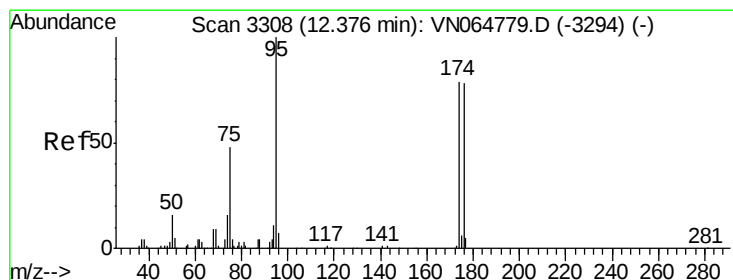
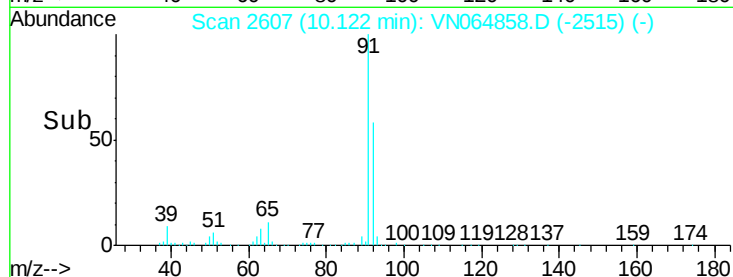
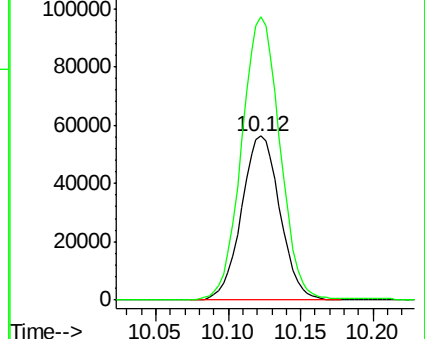
92 100

91 174.4 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 60.897 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

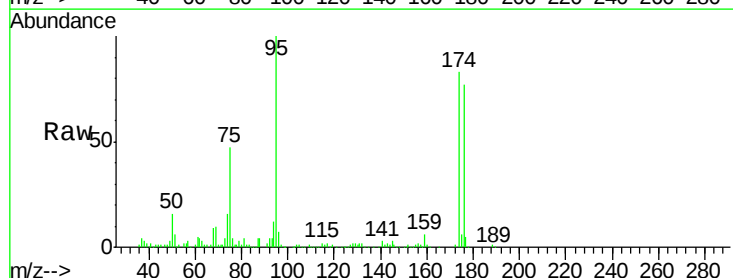
Tgt Ion: 95 Resp: 169195

Ion Ratio Lower Upper

95 100

174 84.7 0.0 160.4

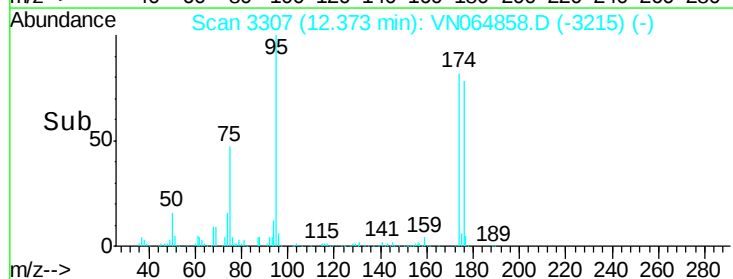
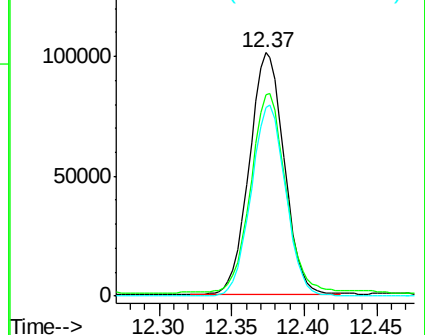
176 78.4 0.0 158.4

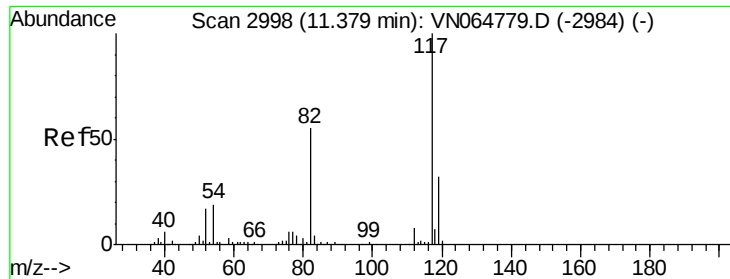


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

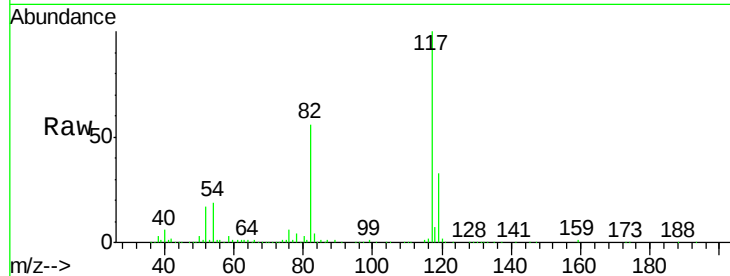




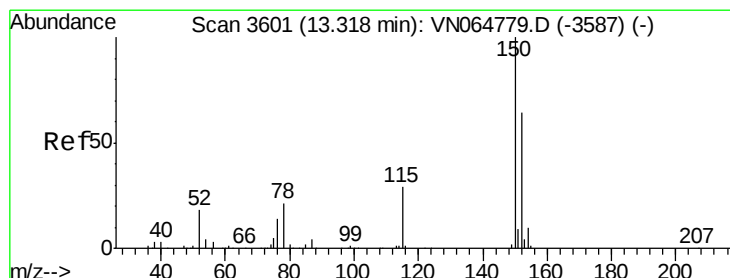
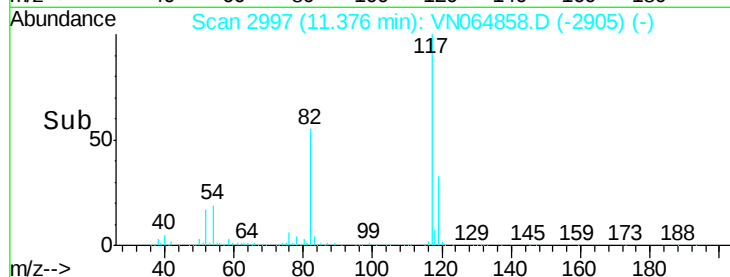
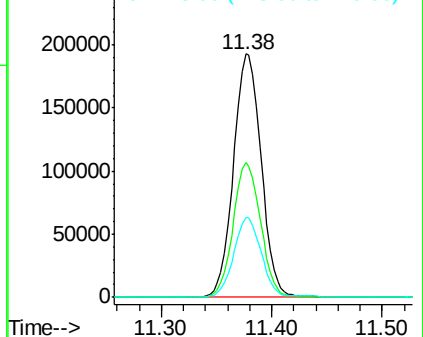
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

Instrument :
MSVOA_N
ClientSampled :
COMP-56-67DL

Tot Ion:117 Resp: 334705
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.6 25.8 38.6

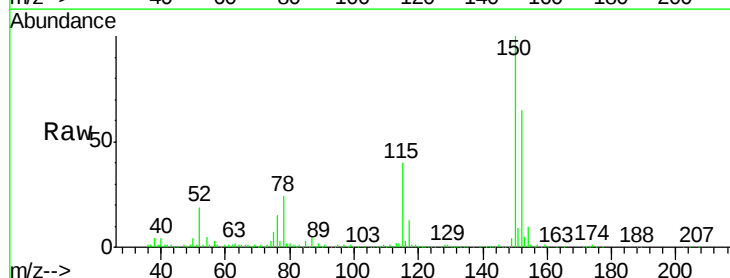


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

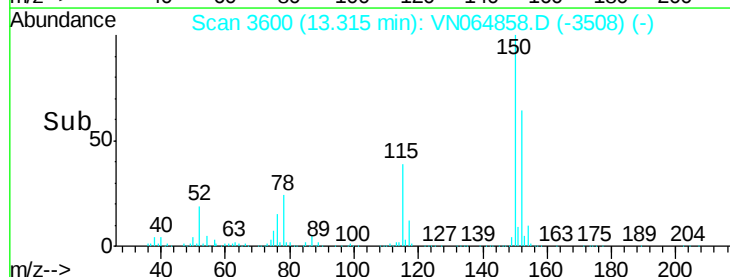
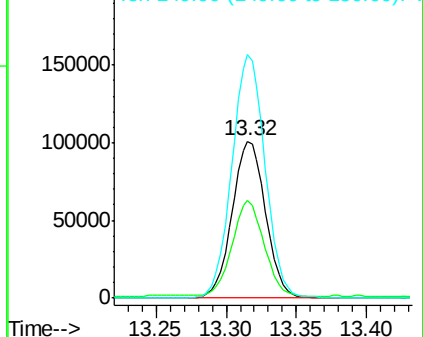


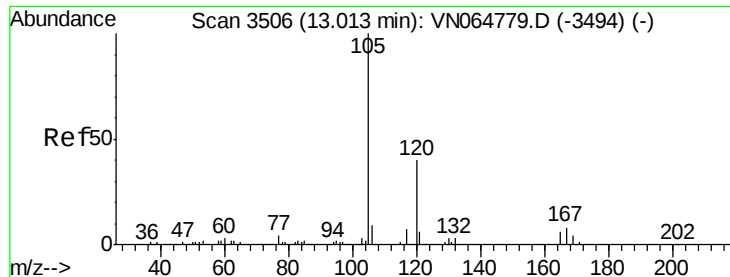
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

Tgt Ion:152 Resp: 166023
Ion Ratio Lower Upper
152 100
115 58.5 29.7 89.1
150 155.8 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





#84

1,2,4-Trimethylbenzene

Concen: 1.259 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

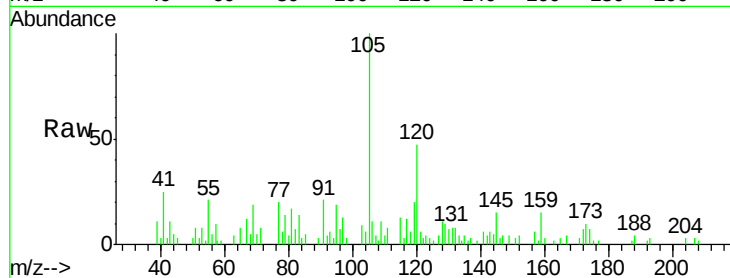
COMP-56-67DL

Tot Ion:105 Resp: 12214

Ion Ratio Lower Upper

105 100

120 48.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.01

8000

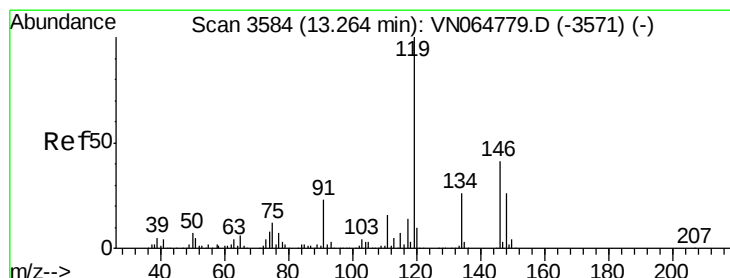
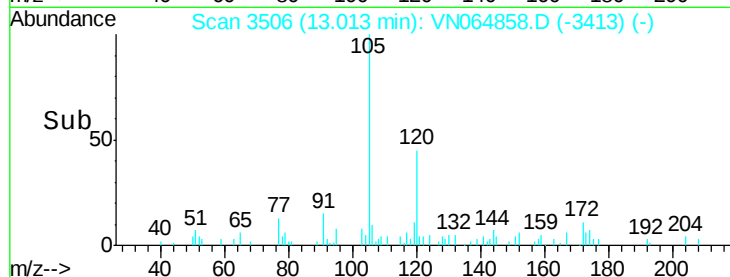
6000

4000

2000

0

Time--> 12.95 13.00 13.05



#86

p-Isopropyltoluene

Concen: 1.138 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

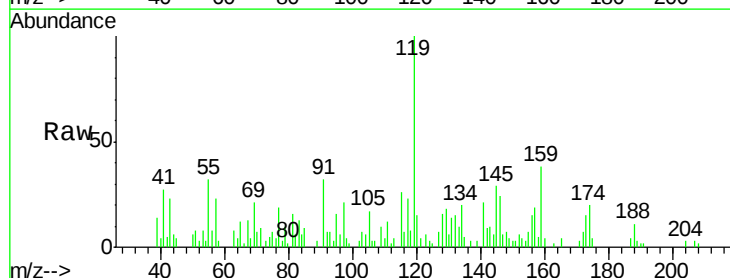
Tgt Ion:119 Resp: 11066

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 29.6 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

10000

8000

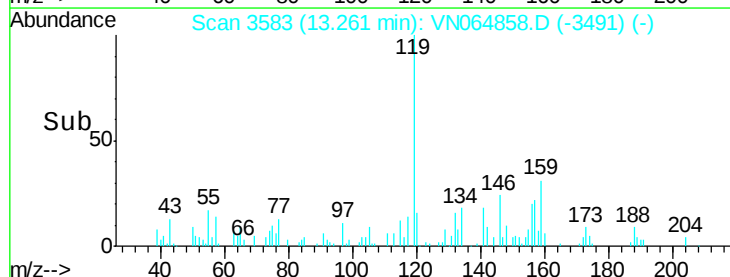
6000

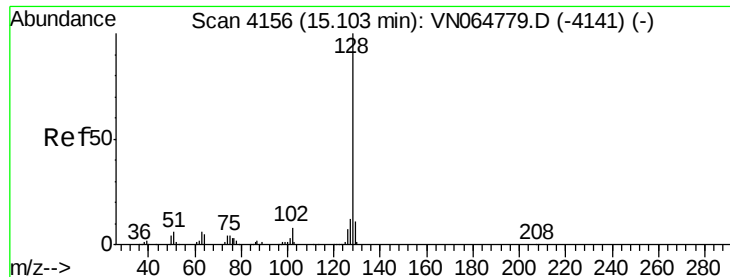
4000

2000

0

Time--> 13.25 13.30





#95

Naphthalene

Concen: 5.995 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

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ClientSampleId :

COMP-56-67DL

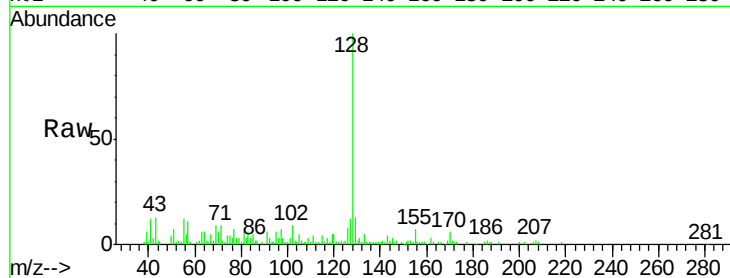
Tot Ion:128 Resp: 60347

Ion Ratio Lower Upper

128 100

127 14.6 10.3 15.5

129 13.3 8.7 13.1#



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

