

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062735.D
 Acq On : 3 Aug 2020 15:01
 Operator : JC/MD
 Sample : L3539-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I-LDC-5

Quant Time: Aug 04 07:51:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	126472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	221869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	220114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87436	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	107688	54.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.62%	
35) Dibromofluoromethane	7.55	113	73031	50.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.22%	
50) Toluene-d8	10.06	98	291200	50.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.38	95	108657	51.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.22%	

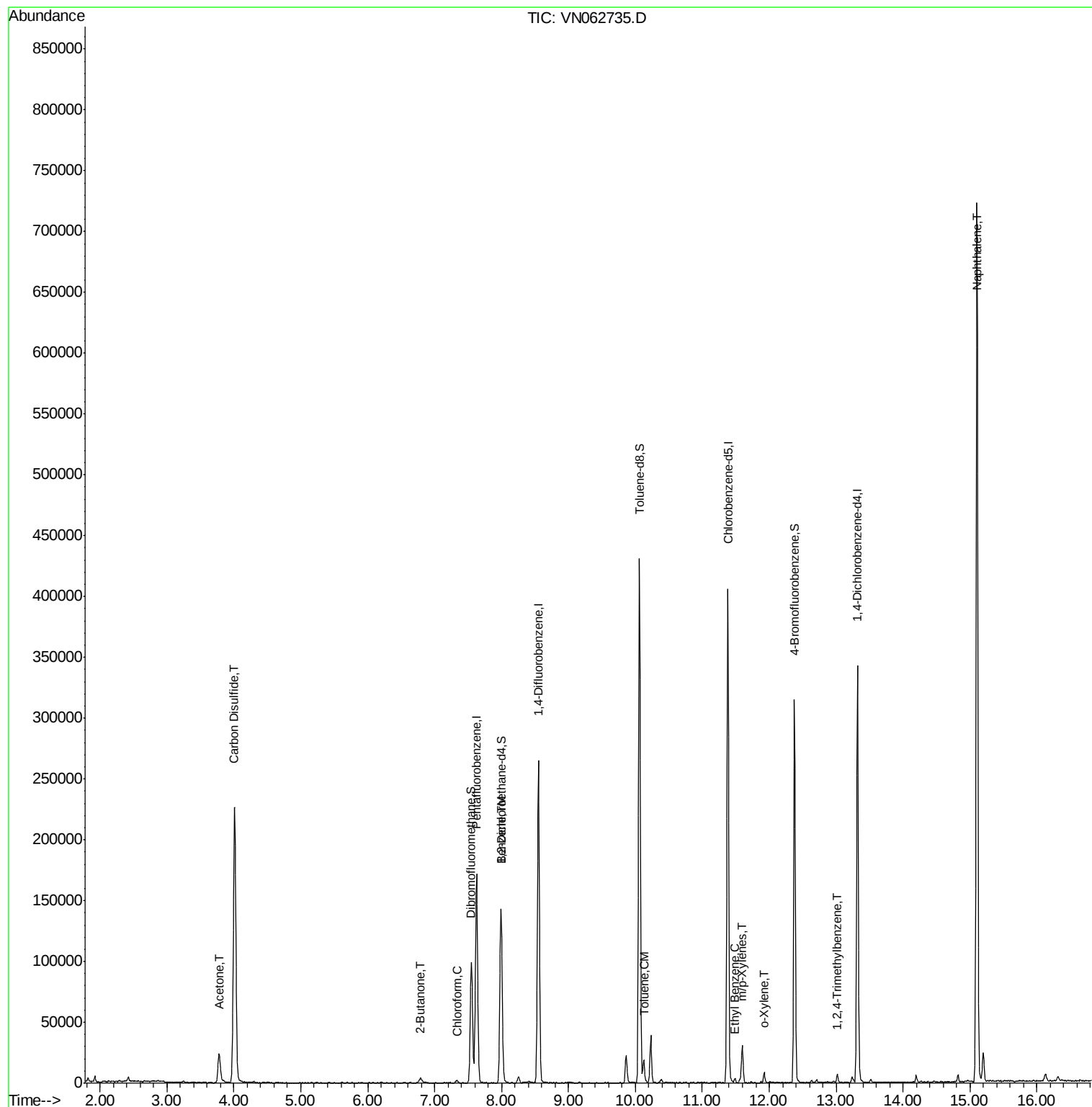
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	41474	56.097	ug/l	98
17) Carbon Disulfide	4.01	76	449654	101.059	ug/l	99
25) 2-Butanone	6.79	43	6132	5.446	ug/l	91
30) Chloroform	7.33	83	2567	0.861	ug/l	93
40) Benzene	8.00	78	40788	5.697	ug/l	99
52) Toluene	10.13	92	7865	1.892	ug/l	95
67) Ethyl Benzene	11.49	91	3282	0.388	ug/l	93
68) m/p-Xylenes	11.59	106	6347	2.087	ug/l	93
69) o-Xylene	11.92	106	2356	0.816	ug/l	85
84) 1,2,4-Trimethylbenzene	13.02	105	4189	0.745	ug/l	97
95) Naphthalene	15.10	128	575827	140.710	ug/l	99

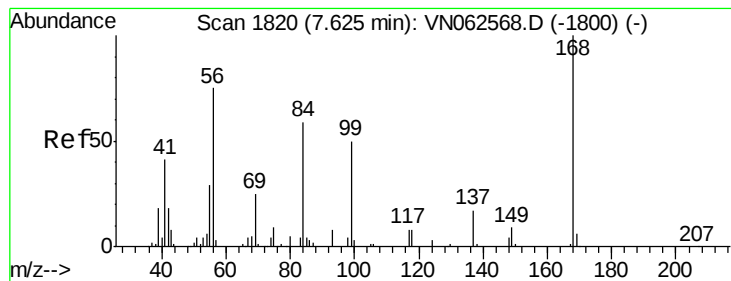
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080320\
Data File : VN062735.D
Acq On : 3 Aug 2020 15:01
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Instrument :
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Quant Time: Aug 04 07:51:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062735.D

Acq: 3 Aug 2020 15:01

Instrument :

MSVOA_N

ClientSampled :

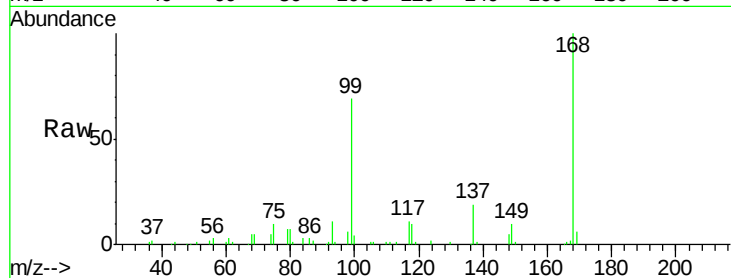
I-LDC-5

Tot Ion:168 Resp: 126472

Ion Ratio Lower Upper

168 100

99 69.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

30000

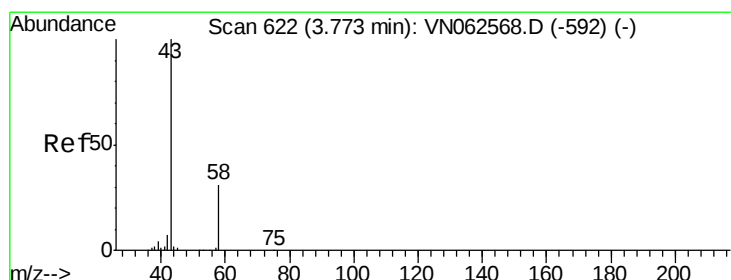
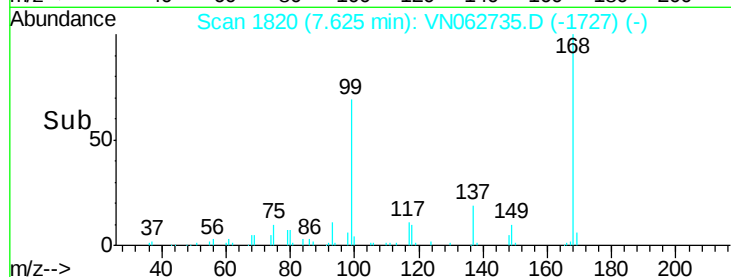
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 56.097 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062735.D

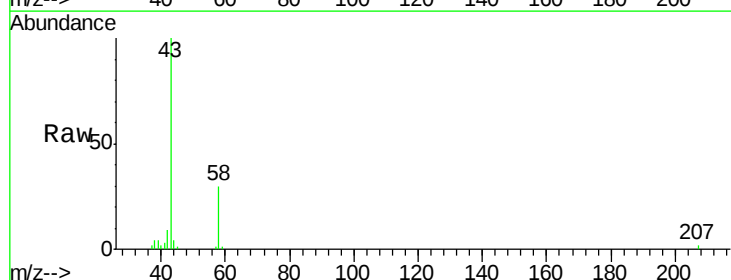
Acq: 3 Aug 2020 15:01

Tgt Ion: 43 Resp: 41474

Ion Ratio Lower Upper

43 100

58 29.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

15000

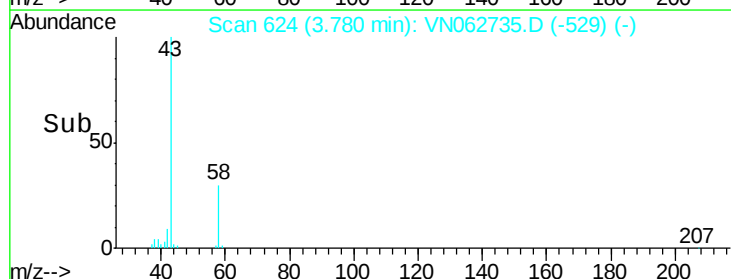
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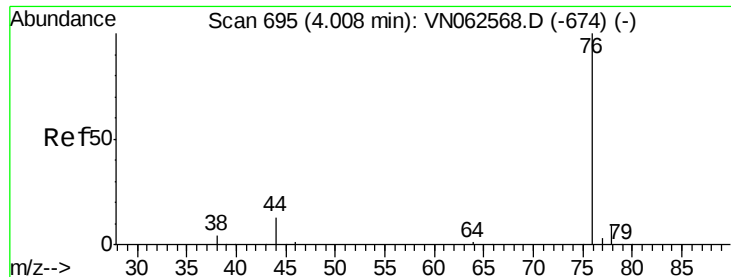
5000

0

Time-->

3.70 3.80 3.90





#17

Carbon Disulfide

Concen: 101.059 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062735.D

Acq: 3 Aug 2020 15:01

Instrument :

MSVOA_N

ClientSampled :

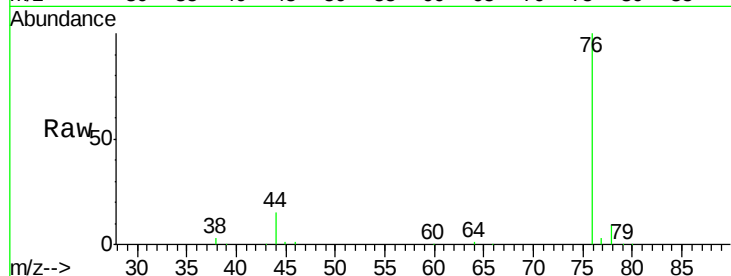
I-LDC-5

Tot Ion: 76 Resp: 449654

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN062735.D (-602) (-)

Ion 77.90 (77.60 to 78.60): VN062735.D (-602) (-)

200000

150000

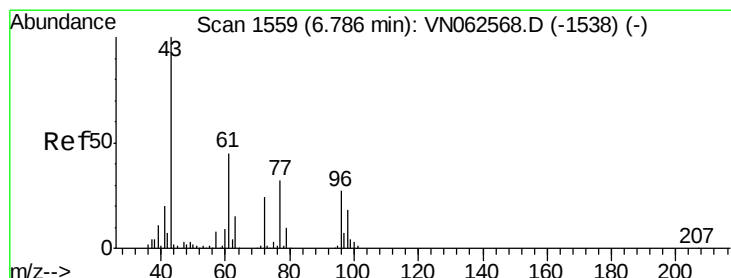
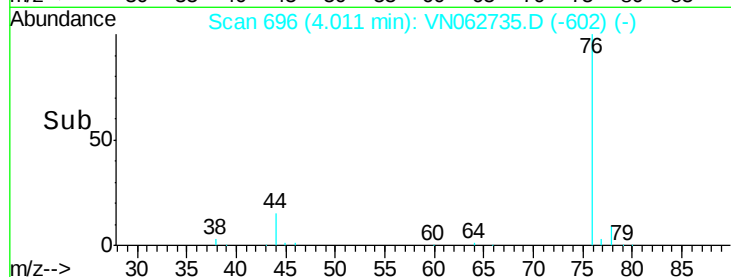
100000

50000

0

3.90 4.00 4.10

Time-->



#25

2-Butanone

Concen: 5.446 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN062735.D

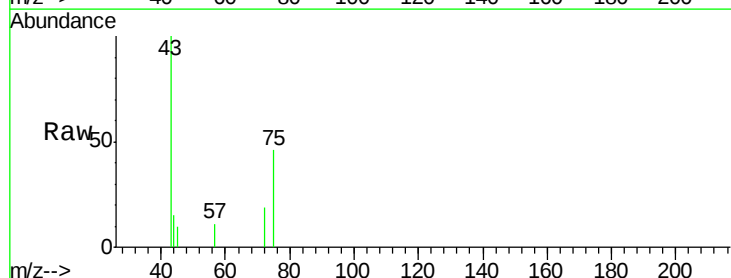
Acq: 3 Aug 2020 15:01

Tgt Ion: 43 Resp: 6132

Ion Ratio Lower Upper

43 100

72 19.3 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN062735.D (-1466) (-)

Ion 72.00 (71.70 to 72.70): VN062735.D (-1466) (-)

2500

2000

1500

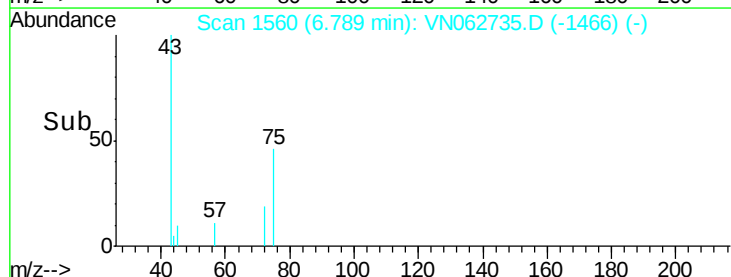
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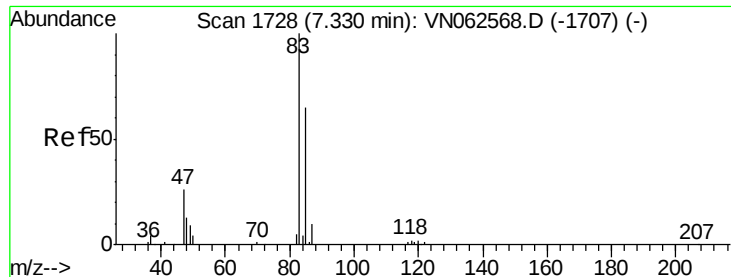
500

0

6.70 6.75 6.80 6.85

Time-->

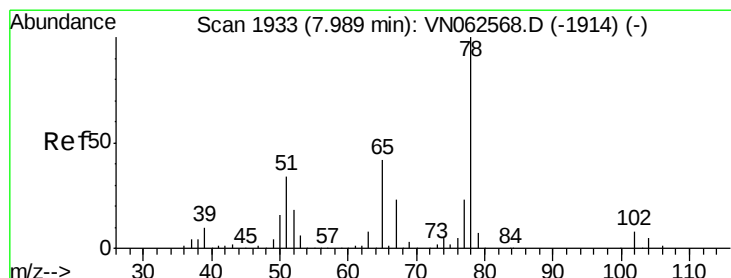
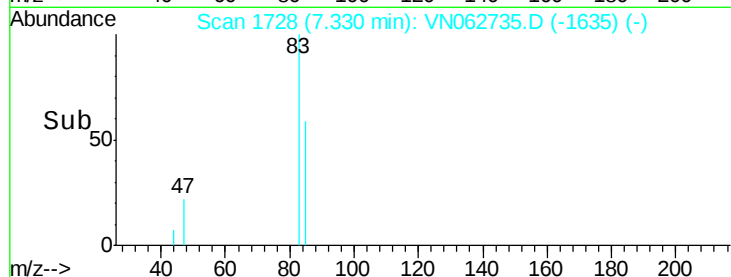
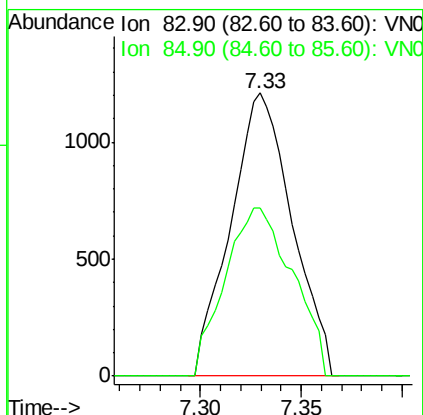
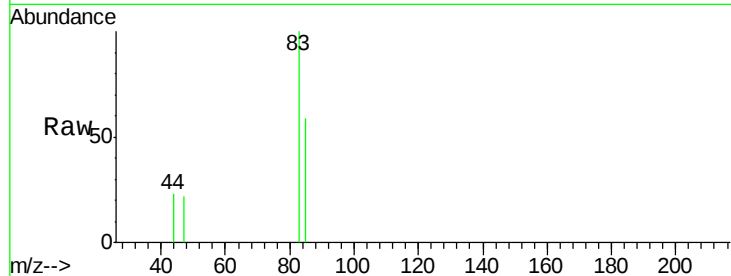




#30
Chloroform
Concen: 0.861 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062735.D
Acq: 3 Aug 2020 15:01

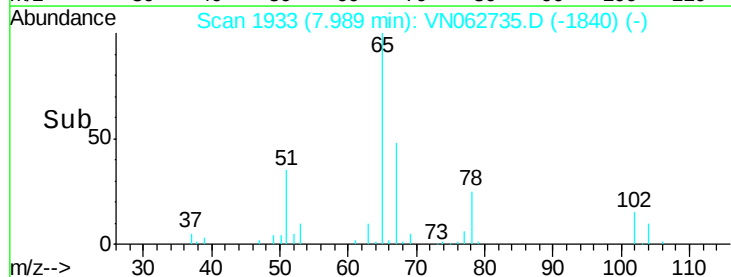
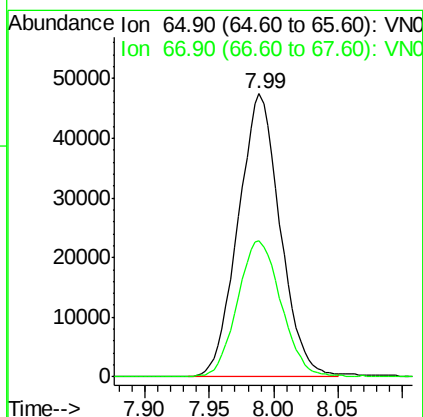
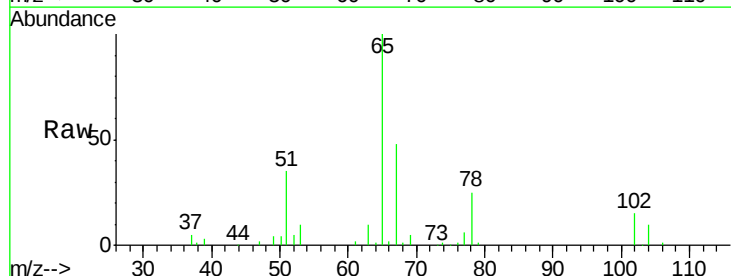
Instrument :
MSVOA_N
ClientSampled :
I-LDC-5

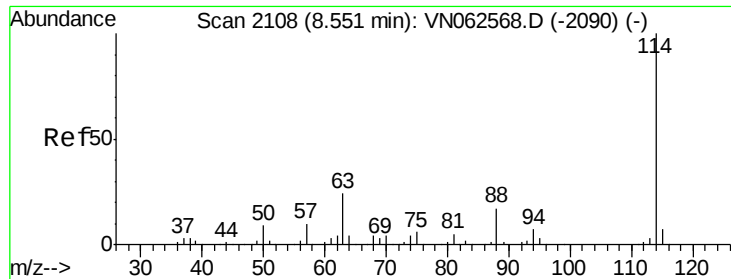
Tot Ion: 83 Resp: 2567
Ion Ratio Lower Upper
83 100
85 59.2 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 54.812 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062735.D
Acq: 3 Aug 2020 15:01

Tgt Ion: 65 Resp: 107688
Ion Ratio Lower Upper
65 100
67 50.1 0.0 106.0

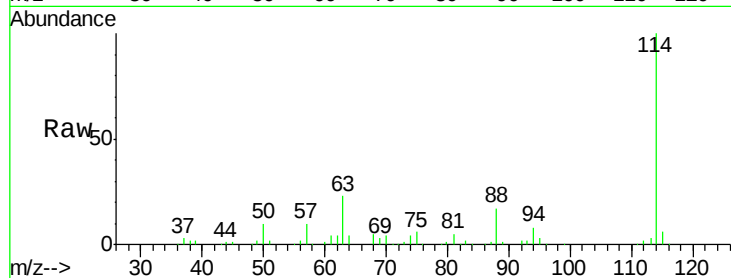




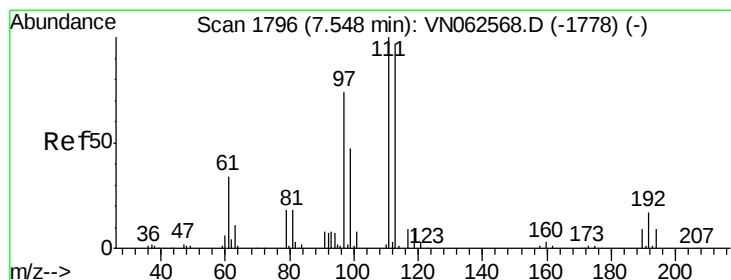
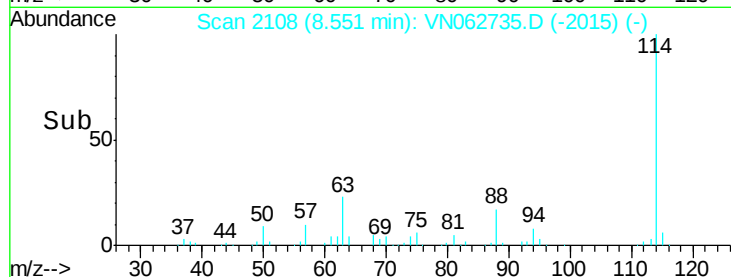
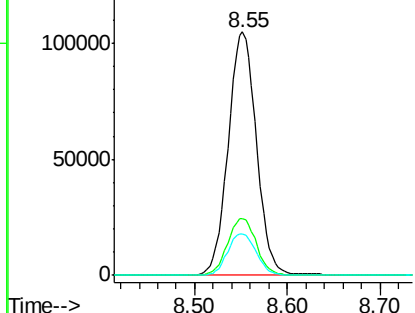
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062735.D
 Acq: 3 Aug 2020 15:01

Instrument :
 MSVOA_N
 ClientSampled :
 I-LDC-5

Tot Ion:114 Resp: 221869
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 48.4
 88 17.1 0.0 33.8

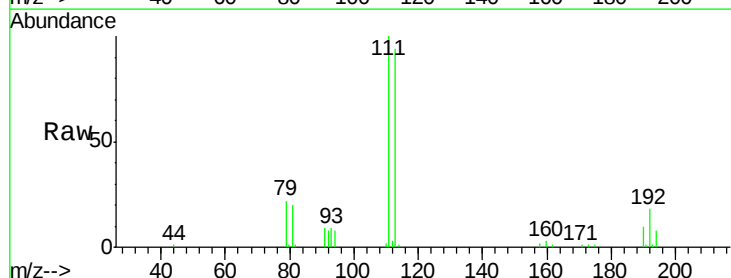


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

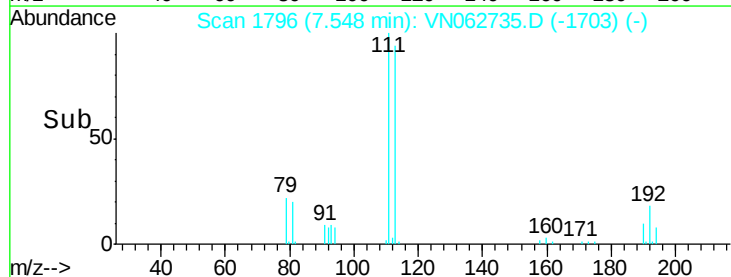
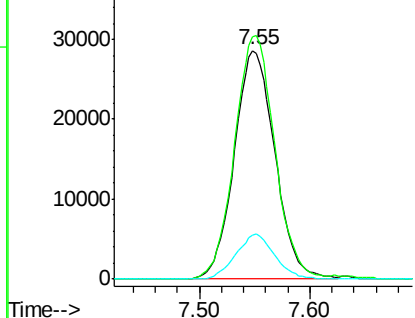


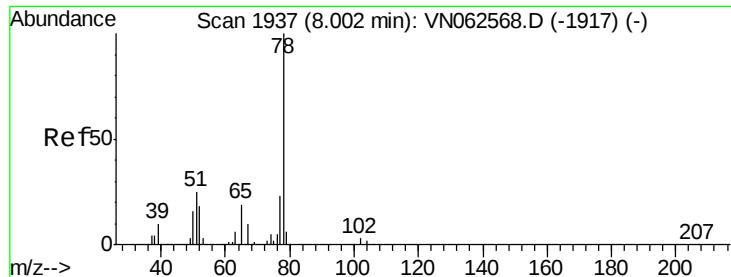
#35
 Dibromofluoromethane
 Concen: 50.112 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062735.D
 Acq: 3 Aug 2020 15:01

Tgt Ion:113 Resp: 73031
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.7 124.1
 192 18.7 14.8 22.2



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

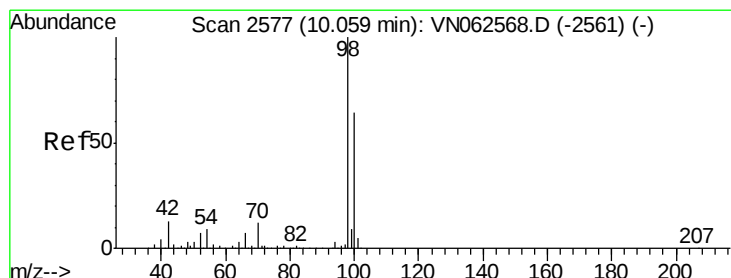
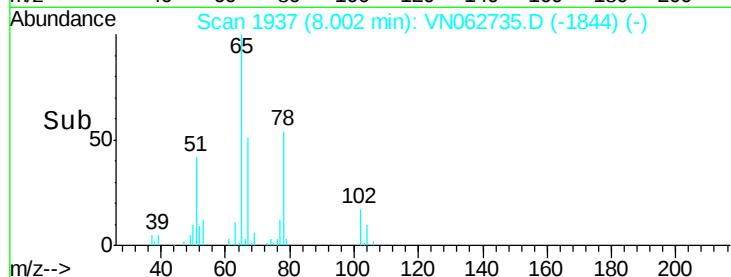
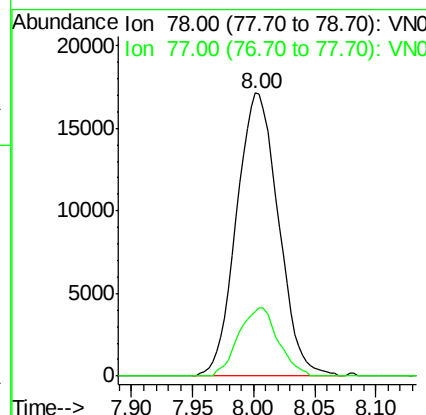
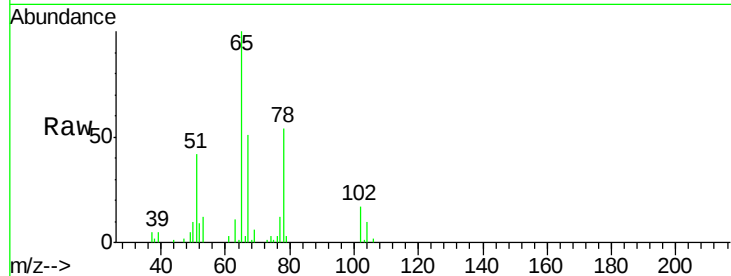




#40
Benzene
Concen: 5.697 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062735.D
Acq: 3 Aug 2020 15:01

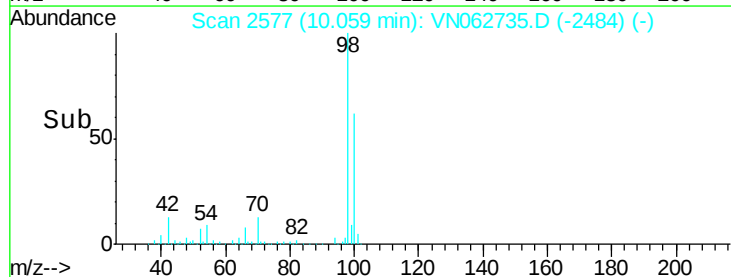
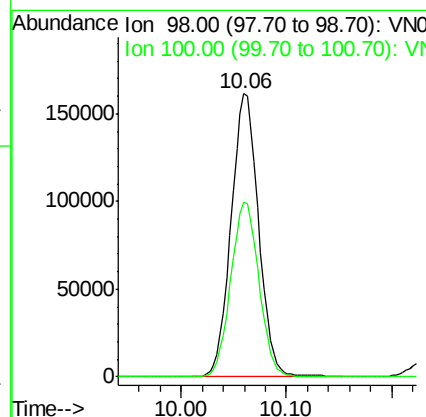
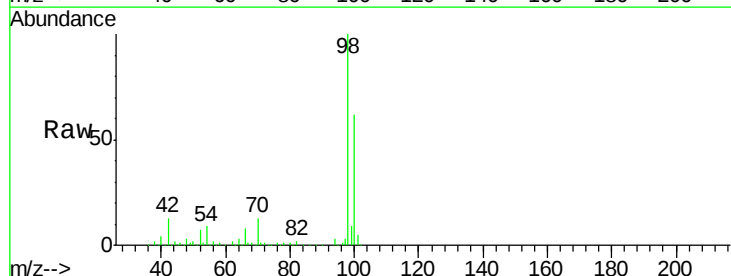
Instrument :
MSVOA_N
ClientSampleId :
I-LDC-5

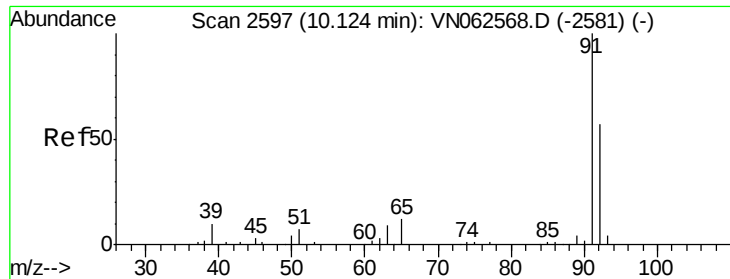
Tot Ion: 78 Resp: 40788
Ion Ratio Lower Upper
78 100
77 22.7 18.7 28.1



#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062735.D
Acq: 3 Aug 2020 15:01

Tgt Ion: 98 Resp: 291200
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#52

Toluene

Concen: 1.892 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062735.D

Acq: 3 Aug 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

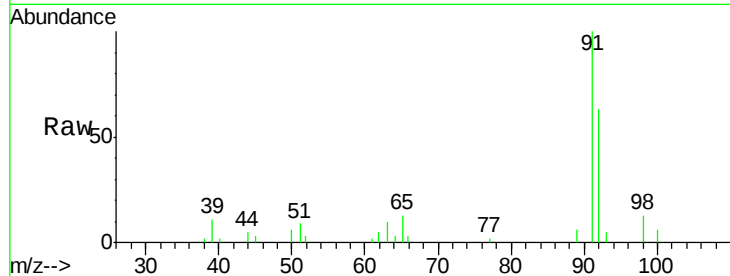
I-LDC-5

Tot Ion: 92 Resp: 7865

Ion Ratio Lower Upper

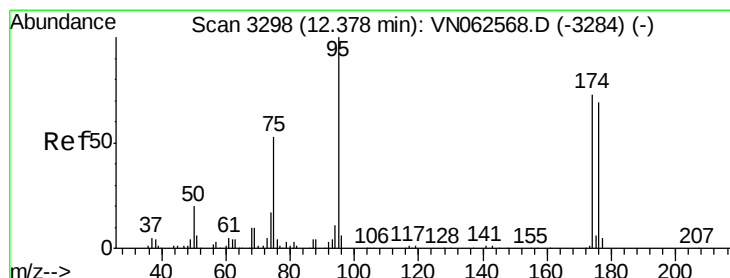
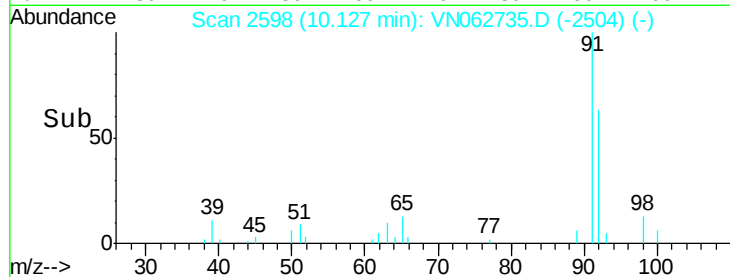
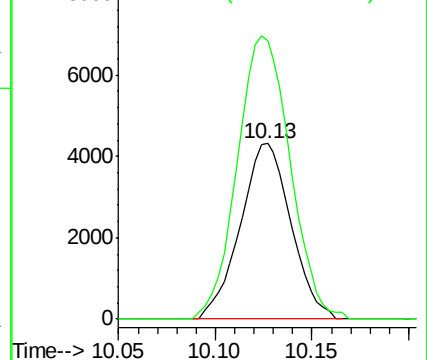
92 100

91 167.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 51.106 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062735.D

Acq: 3 Aug 2020 15:01

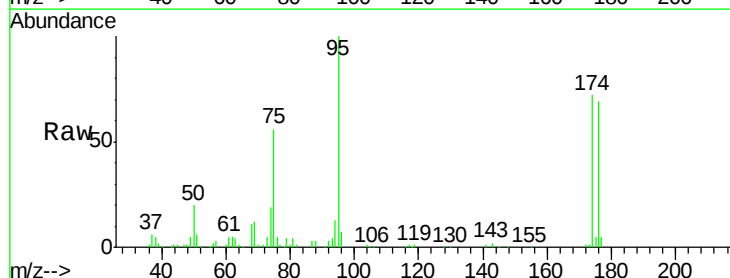
Tgt Ion: 95 Resp: 108657

Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.6

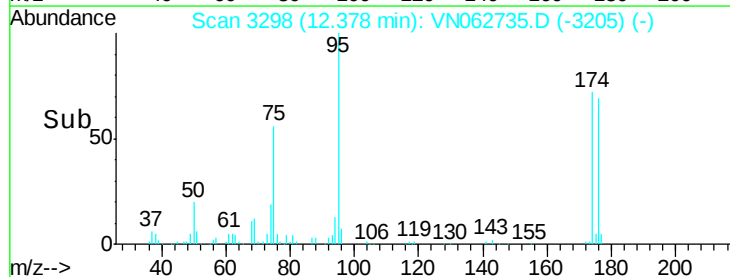
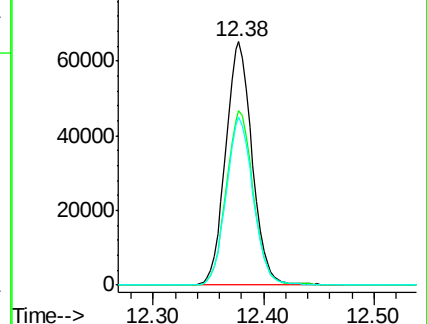
176 70.2 0.0 139.4

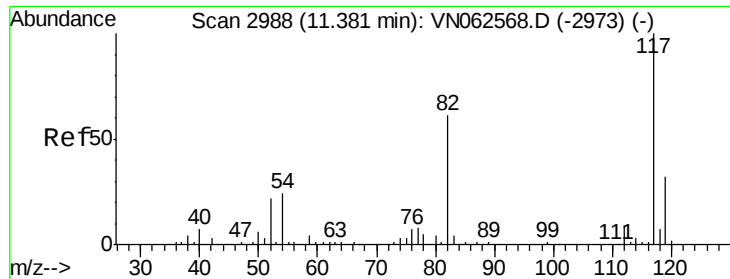


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

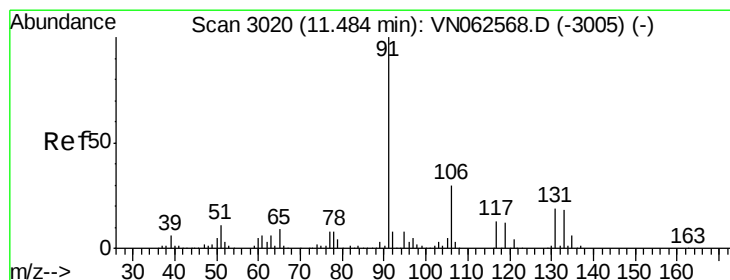
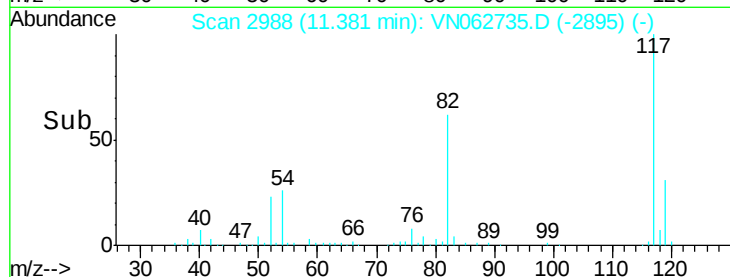
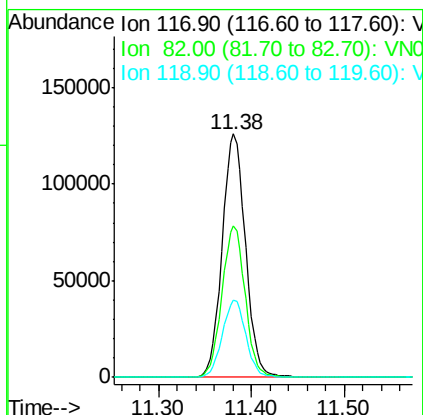
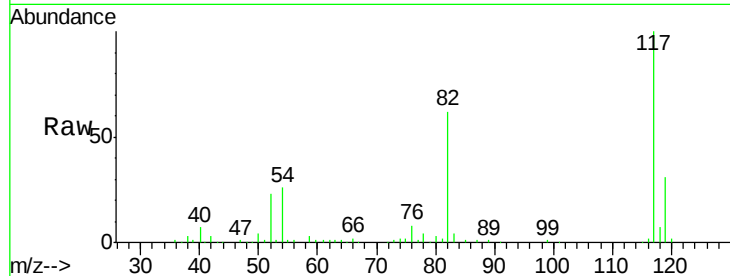




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062735.D
Acq: 3 Aug 2020 15:01

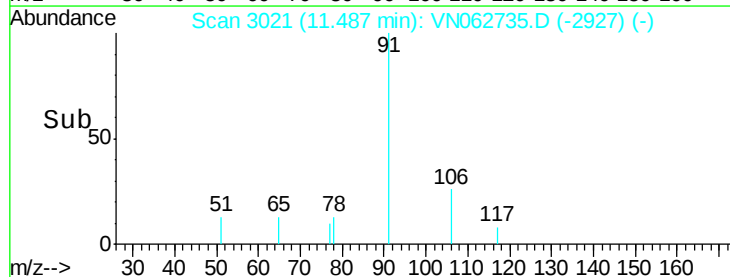
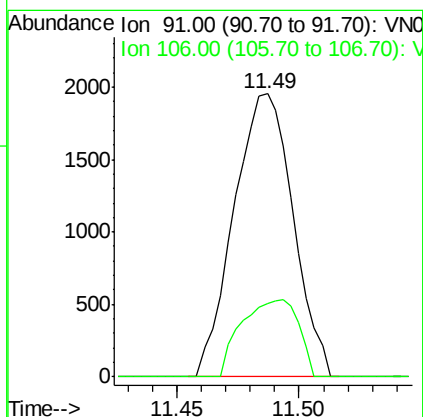
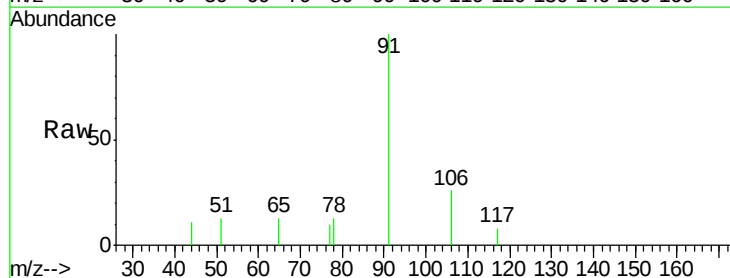
Instrument :
MSVOA_N
ClientSampled :
I-LDC-5

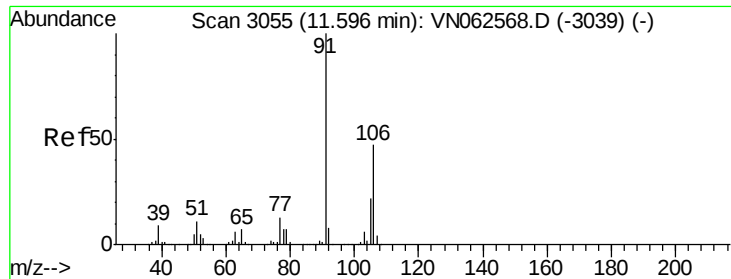
Tot Ion:117 Resp: 220114
Ion Ratio Lower Upper
117 100
82 62.2 49.0 73.6
119 31.5 25.4 38.2



#67
Ethyl Benzene
Concen: 0.388 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062735.D
Acq: 3 Aug 2020 15:01

Tgt Ion: 91 Resp: 3282
Ion Ratio Lower Upper
91 100
106 25.9 23.8 35.8

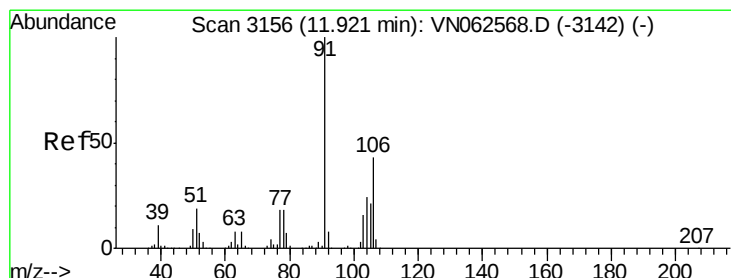
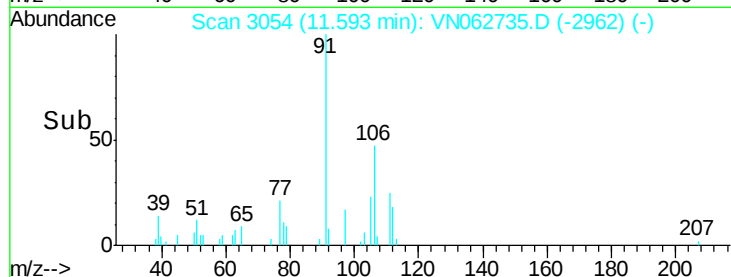
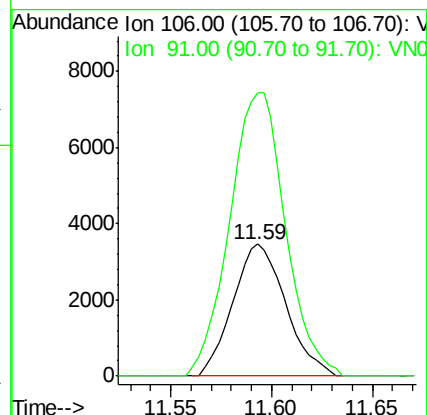
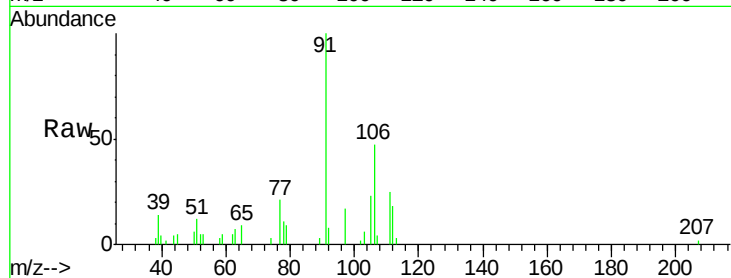




#68
m/p-Xylenes
Concen: 2.087 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062735.D
Acq: 3 Aug 2020 15:01

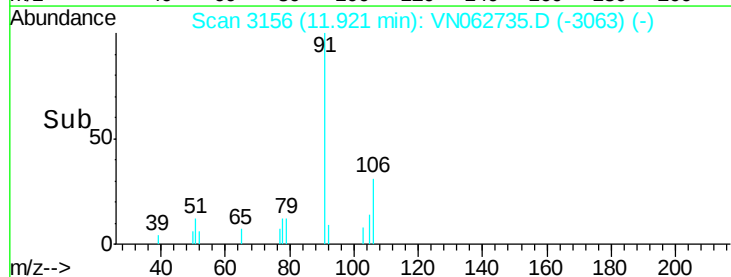
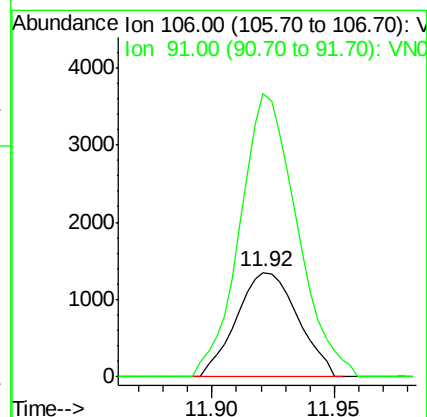
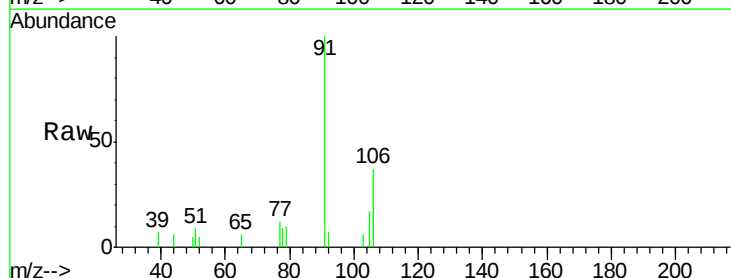
Instrument :
MSVOA_N
ClientSampled :
I-LDC-5

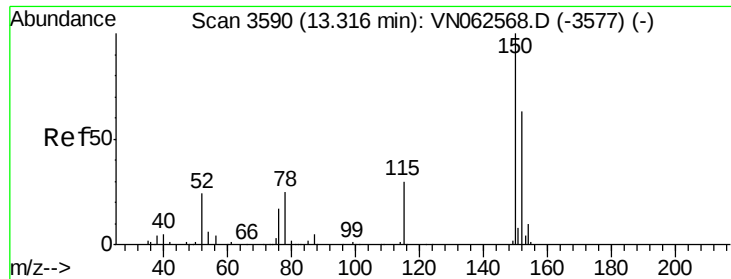
Tot Ion:106 Resp: 6347
Ion Ratio Lower Upper
106 100
91 226.0 171.4 257.2



#69
o-Xylene
Concen: 0.816 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062735.D
Acq: 3 Aug 2020 15:01

Tgt Ion:106 Resp: 2356
Ion Ratio Lower Upper
106 100
91 252.2 113.8 341.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062735.D

Acq: 3 Aug 2020 15:01

Instrument :

MSVOA_N

ClientSampled :

I-LDC-5

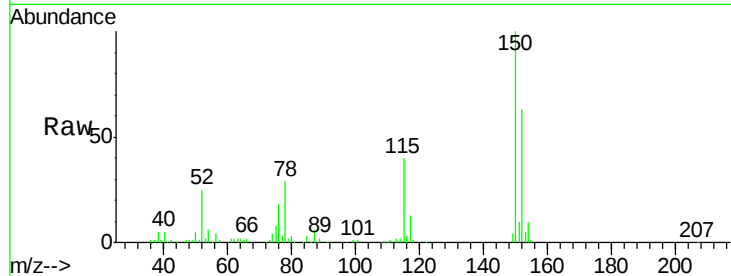
Tot Ion:152 Resp: 87436

Ion Ratio Lower Upper

152 100

115 64.6 31.8 95.4

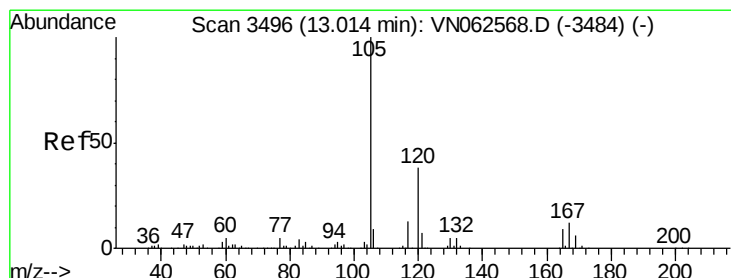
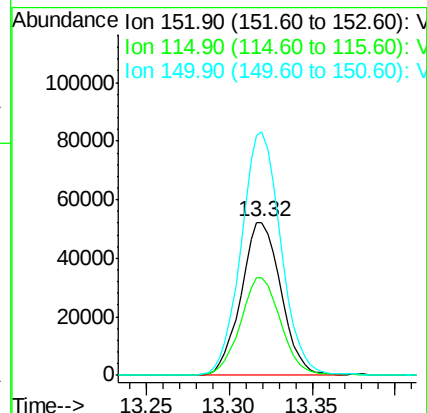
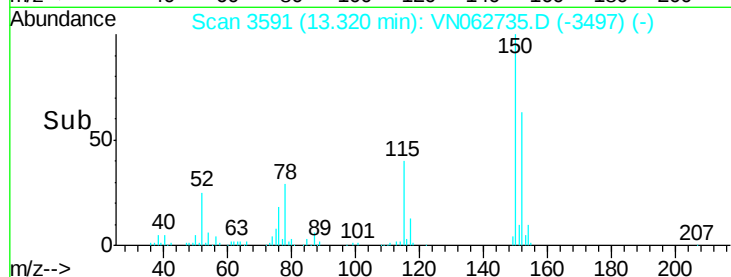
150 158.4 0.0 351.4



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



#84

1,2,4-Trimethylbenzene

Concen: 0.745 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN062735.D

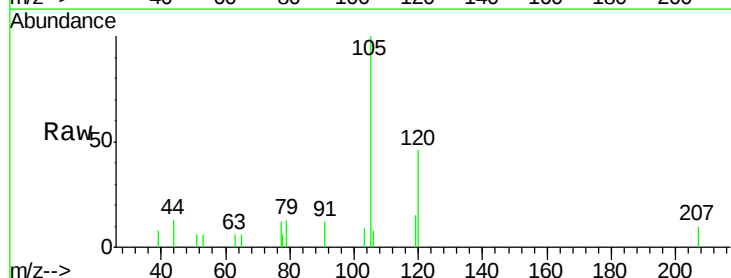
Acq: 3 Aug 2020 15:01

Tgt Ion:105 Resp: 4189

Ion Ratio Lower Upper

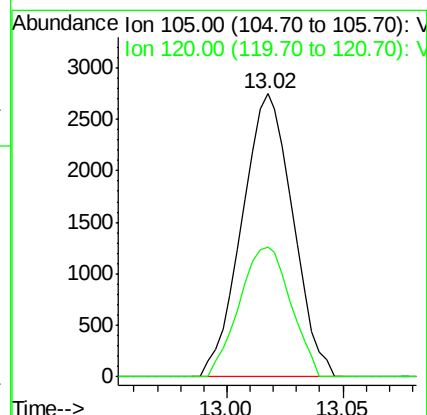
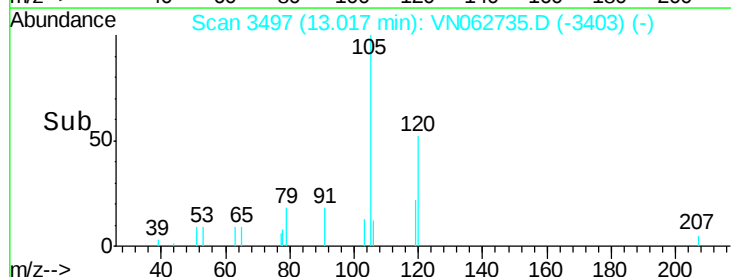
105 100

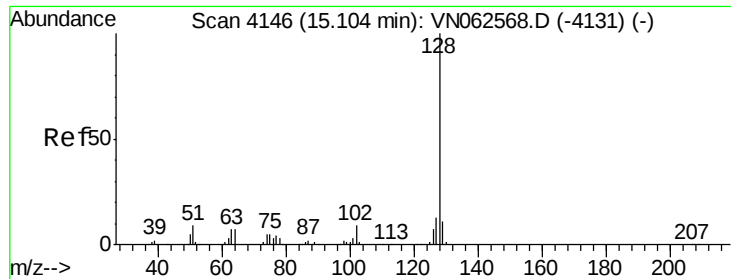
120 46.3 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 140.710 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062735.D

Acq: 3 Aug 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

I-LDC-5

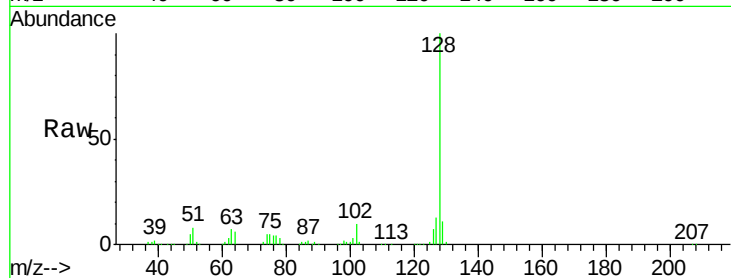
Tot Ion:128 Resp: 575827

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.8 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

