

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062639.D
 Acq On : 28 Jul 2020 18:19
 Operator : JC/MD
 Sample : L3432-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31165-L

Quant Time: Jul 29 05:10:42 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

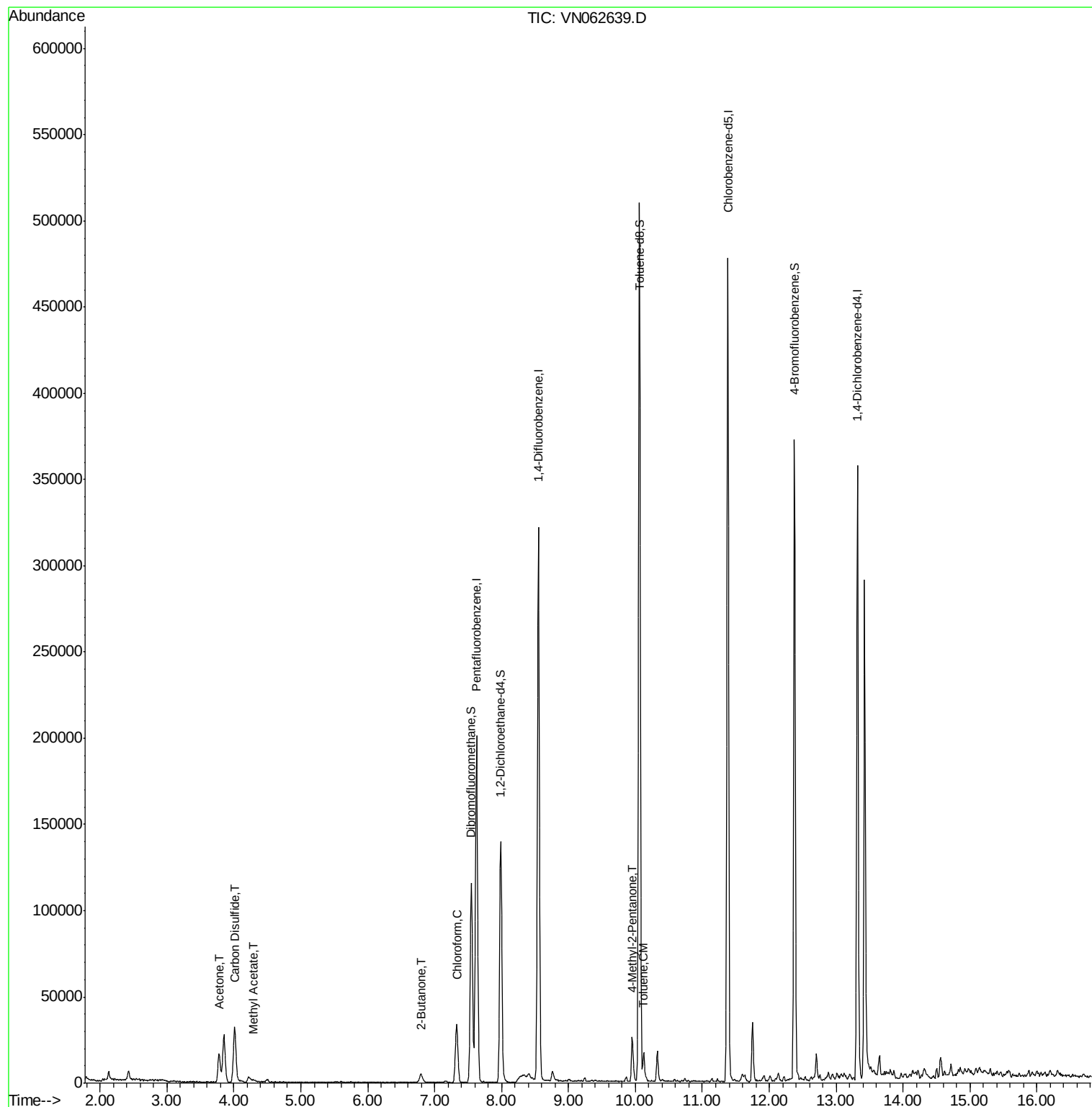
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	151826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	261666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	91064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	126493	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
35) Dibromofluoromethane	7.55	113	87073	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	10.06	98	347498	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.38	95	130762	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
Target Compounds						
16) Acetone	3.78	43	29295	33.007	ug/l	92
17) Carbon Disulfide	4.01	76	56945	10.661	ug/l	98
18) Methyl Acetate	4.29	43	2959	1.317	ug/l #	84
25) 2-Butanone	6.80	43	10407	7.699	ug/l	97
30) Chloroform	7.33	83	37926	10.597	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	18527	6.281	ug/l	96
52) Toluene	10.12	92	5855	1.174	ug/l	83

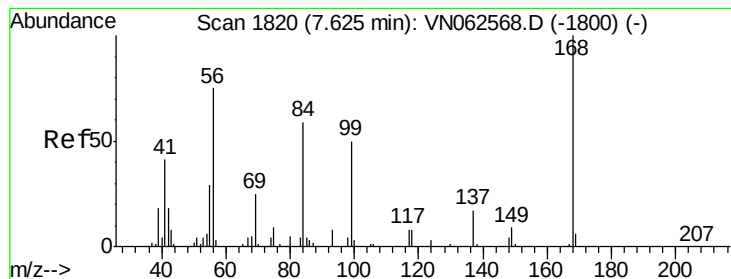
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062639.D

Acq: 28 Jul 2020 18:19

Instrument :

MSVOA_N

ClientSampled :

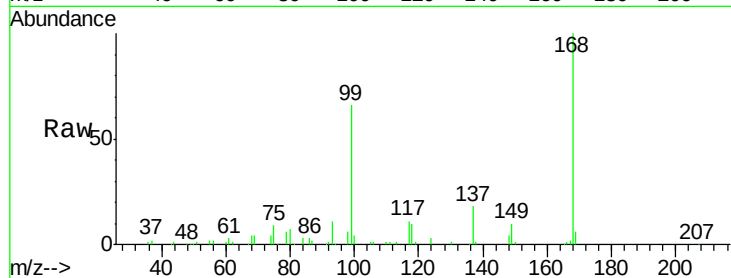
31165-L

Tgt Ion: 168 Resp: 151826

Ion Ratio Lower Upper

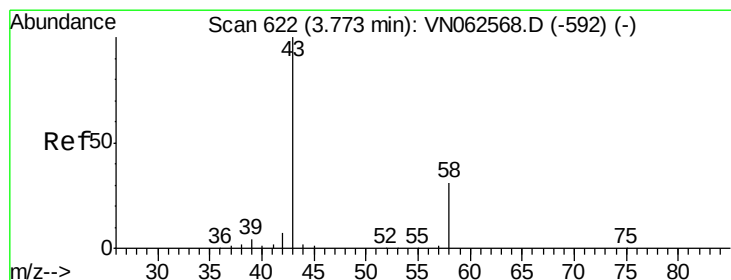
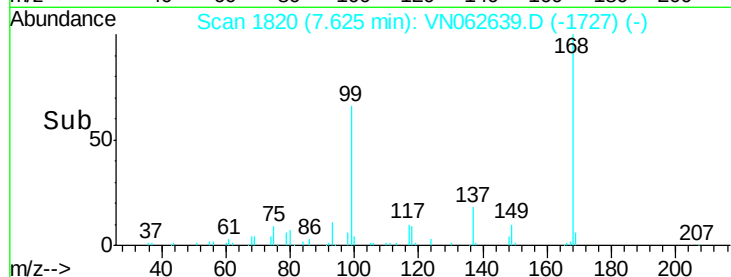
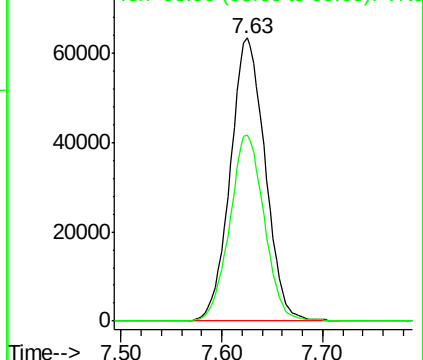
168 100

99 65.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 33.007 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062639.D

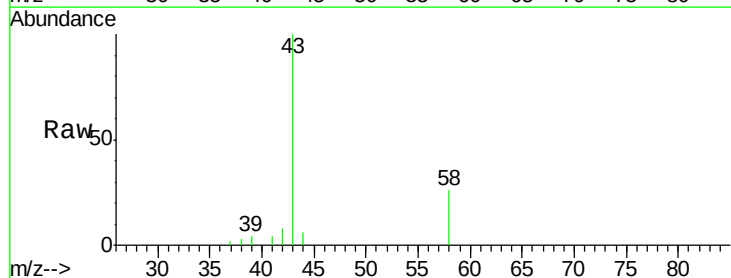
Acq: 28 Jul 2020 18:19

Tgt Ion: 43 Resp: 29295

Ion Ratio Lower Upper

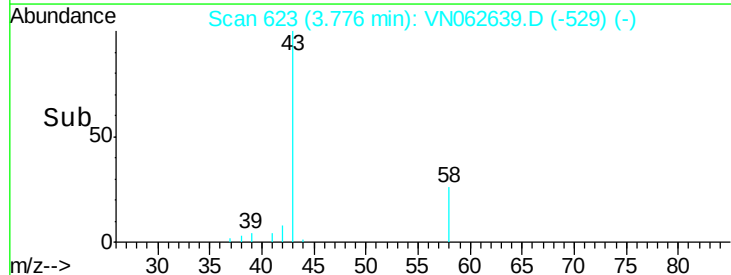
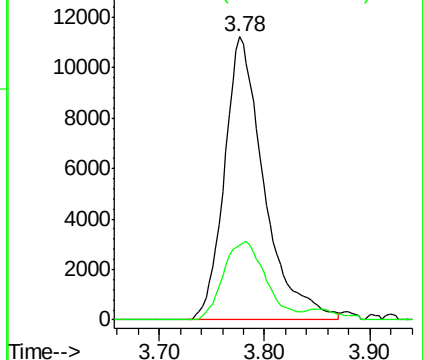
43 100

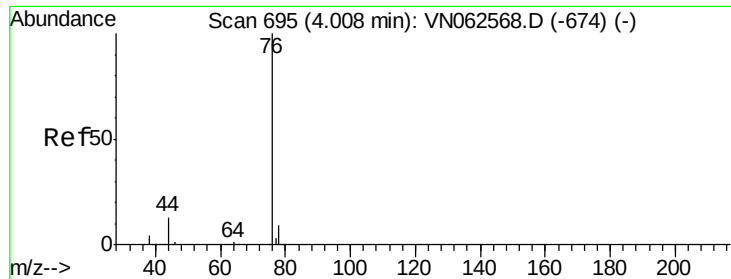
58 26.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 10.661 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062639.D

Acq: 28 Jul 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

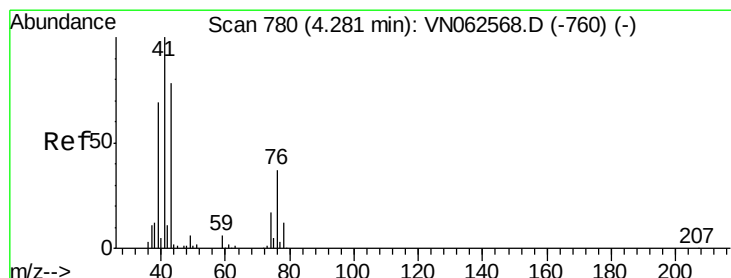
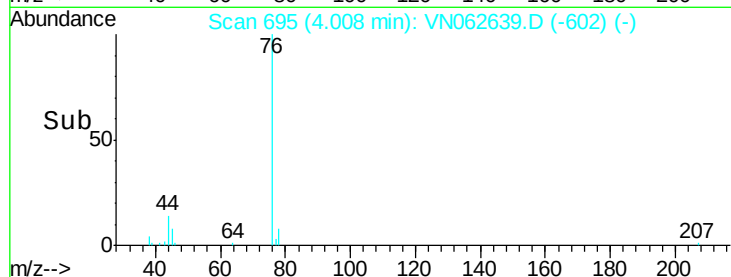
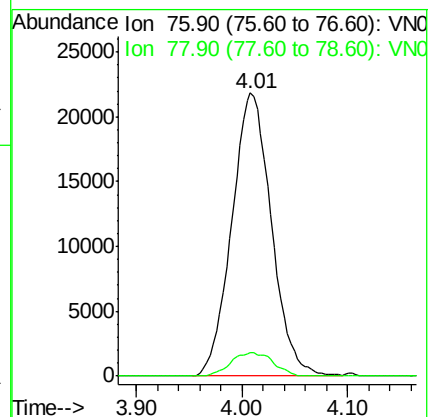
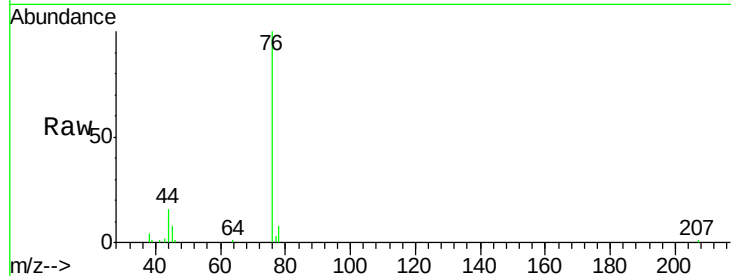
31165-L

Tgt Ion: 76 Resp: 56945

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9



#18

Methyl Acetate

Concen: 1.317 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.01 min

Lab File: VN062639.D

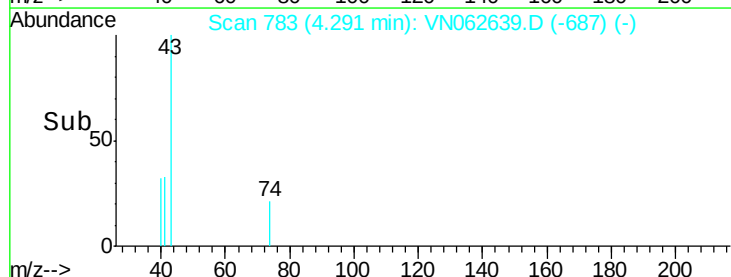
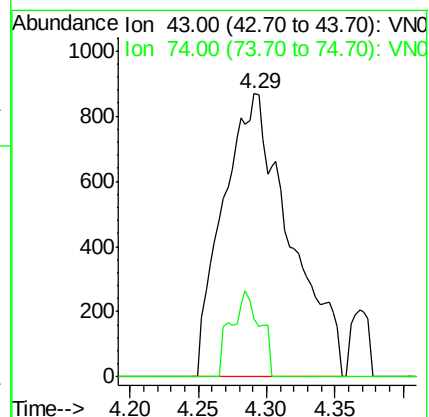
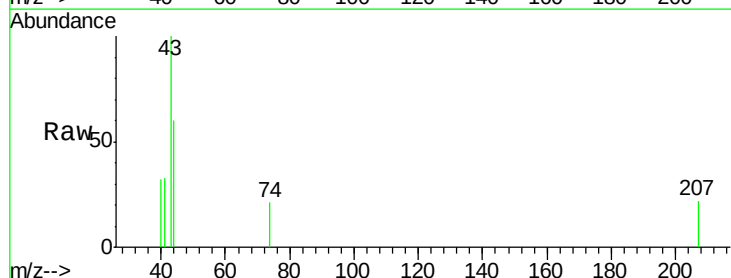
Acq: 28 Jul 2020 18:19

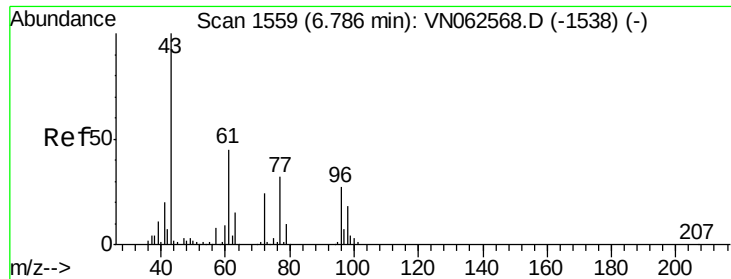
Tgt Ion: 43 Resp: 2959

Ion Ratio Lower Upper

43 100

74 13.1 16.6 24.8#

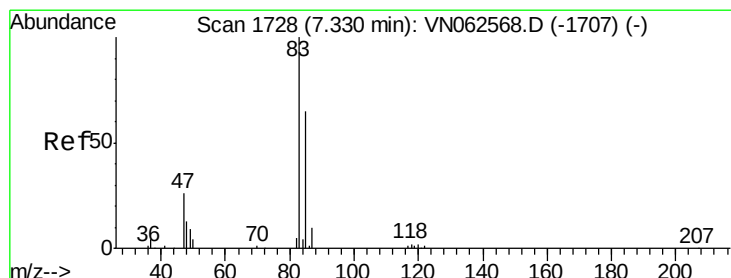
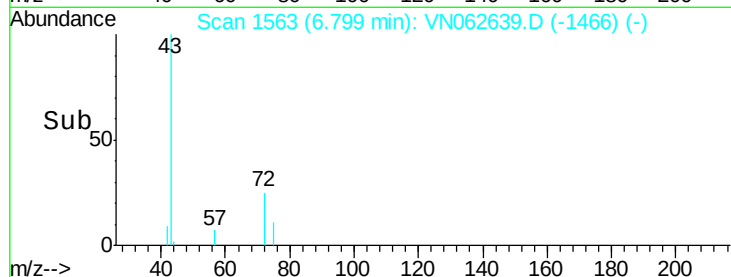
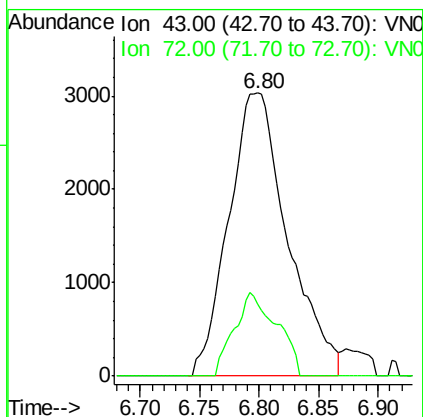
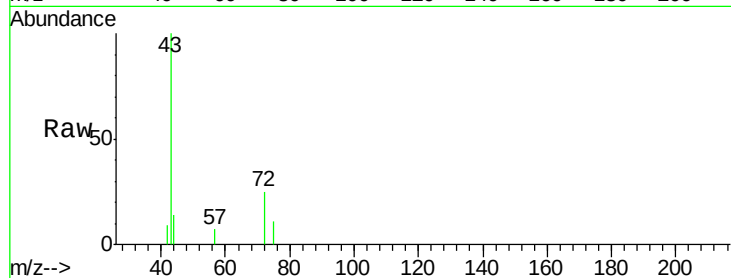




#25
 2-Butanone
 Concen: 7.699 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: VN062639.D
 Acq: 28 Jul 2020 18:19

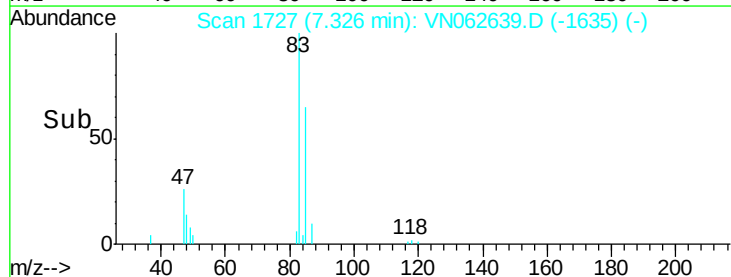
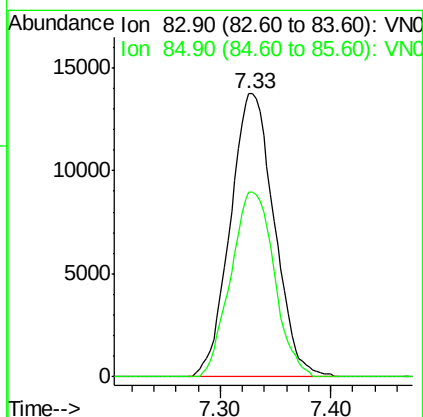
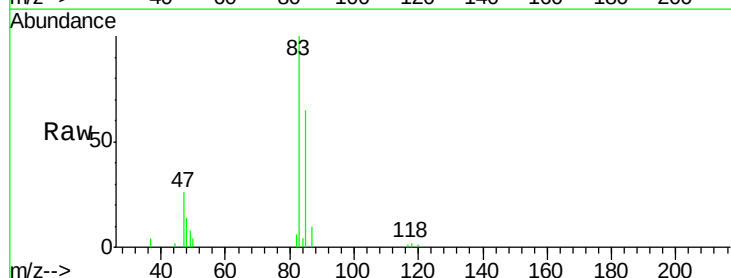
Instrument :
 MSVOA_N
 ClientSampled :
 31165-L

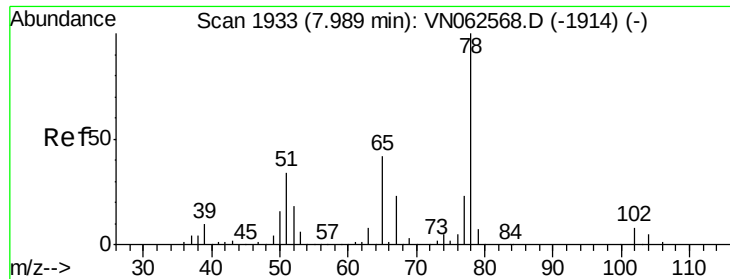
Tgt Ion: 43 Resp: 10407
 Ion Ratio Lower Upper
 43 100
 72 25.5 19.0 28.6



#30
 Chloroform
 Concen: 10.597 ug/l
 RT: 7.33 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VN062639.D
 Acq: 28 Jul 2020 18:19

Tgt Ion: 83 Resp: 37926
 Ion Ratio Lower Upper
 83 100
 85 65.2 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 53.632 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062639.D

Acq: 28 Jul 2020 18:19

Instrument :

MSVOA_N

ClientSampled :

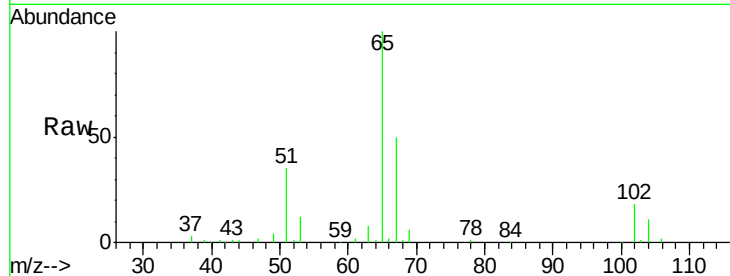
31165-L

Tgt Ion: 65 Resp: 126493

Ion Ratio Lower Upper

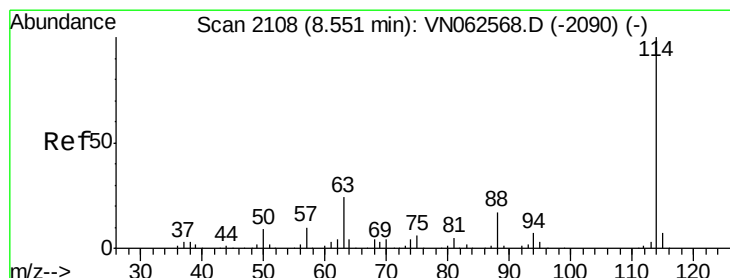
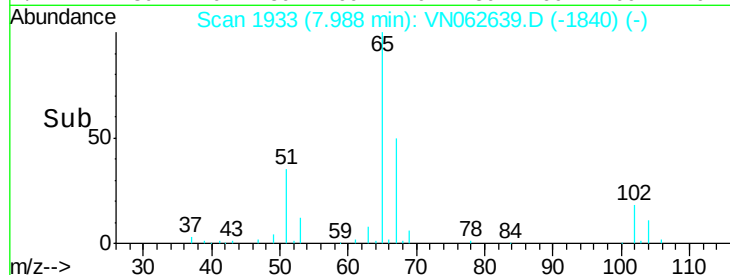
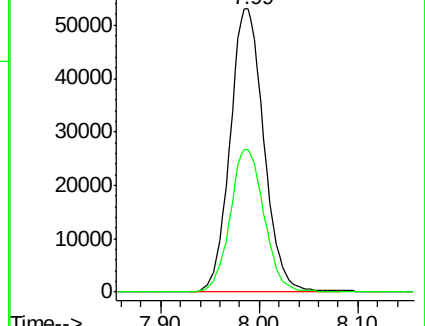
65 100

67 50.5 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062639.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062639.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062639.D

Acq: 28 Jul 2020 18:19

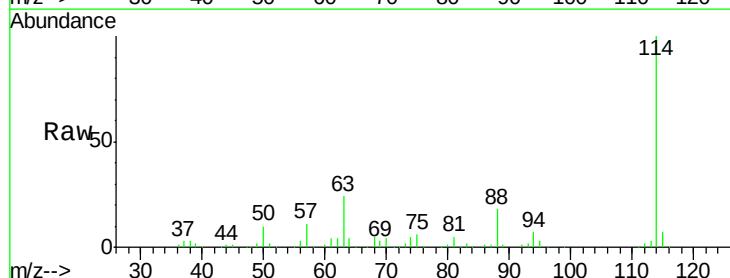
Tgt Ion: 114 Resp: 266153

Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.4

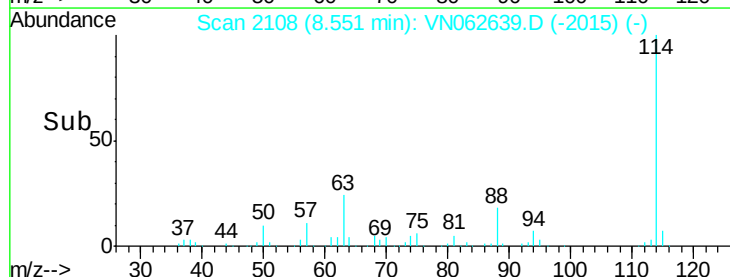
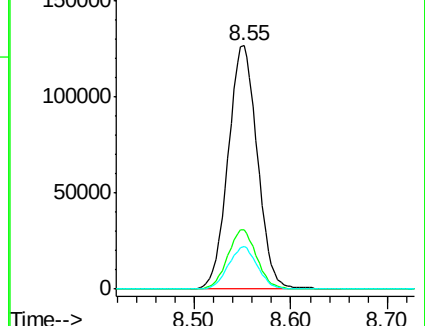
88 17.7 0.0 33.8

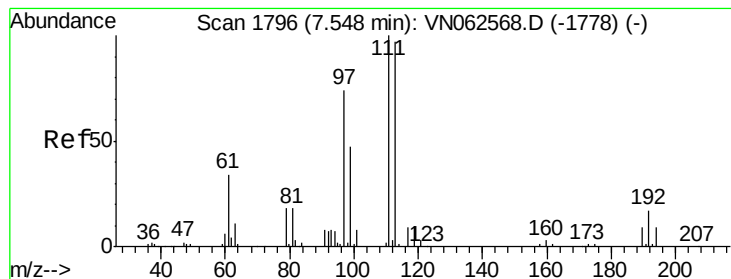


Abundance Ion 113.90 (113.60 to 114.60): VN062639.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062639.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062639.D (-2015) (-)





#35

Dibromofluoromethane

Concen: 49.806 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062639.D

Acq: 28 Jul 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

31165-L

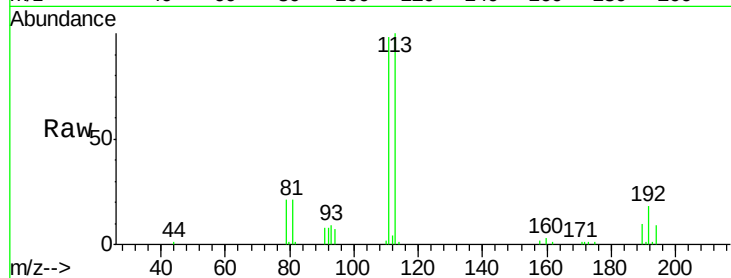
Tgt Ion:113 Resp: 87073

Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

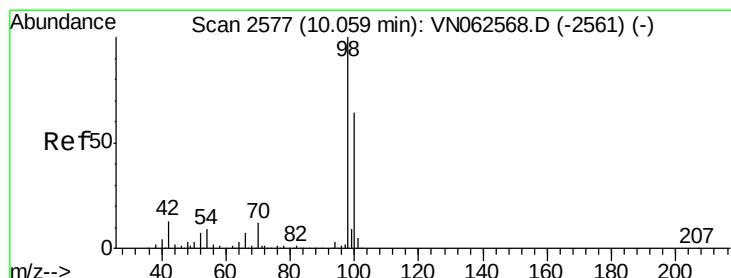
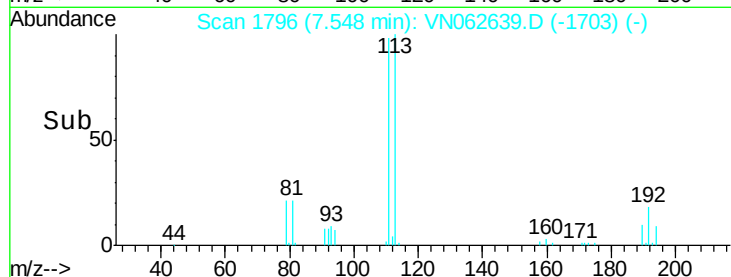
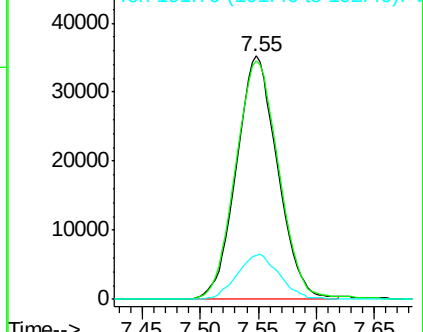
192 18.8 14.8 22.2



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



#50

Toluene-d8

Concen: 49.818 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062639.D

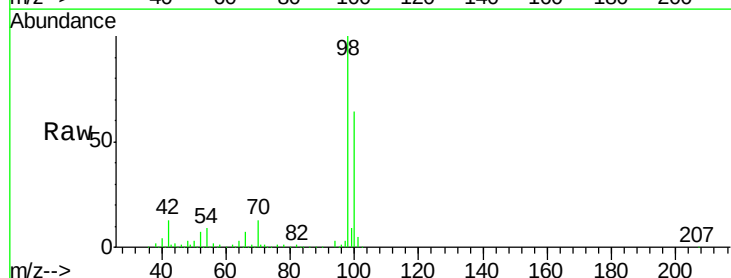
Acq: 28 Jul 2020 18:19

Tgt Ion: 98 Resp: 347498

Ion Ratio Lower Upper

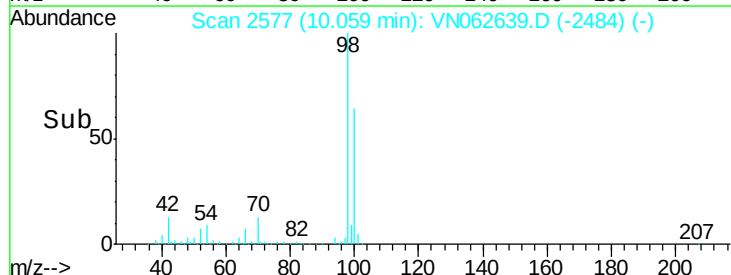
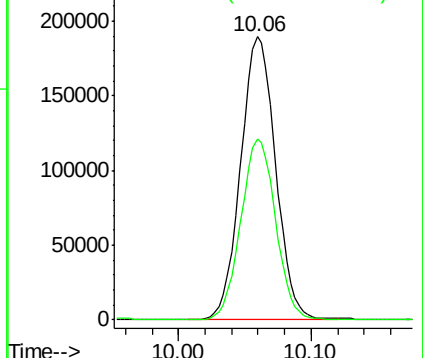
98 100

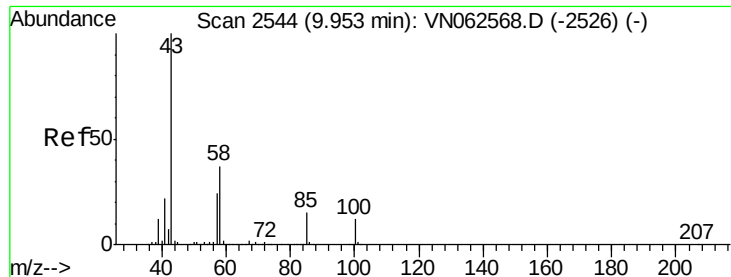
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 6.281 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062639.D

Acq: 28 Jul 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

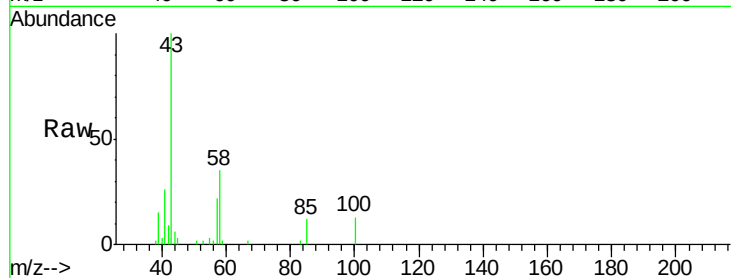
31165-L

Tgt Ion: 43 Resp: 18527

Ion Ratio Lower Upper

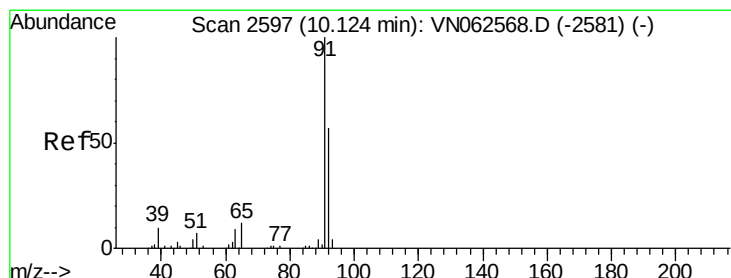
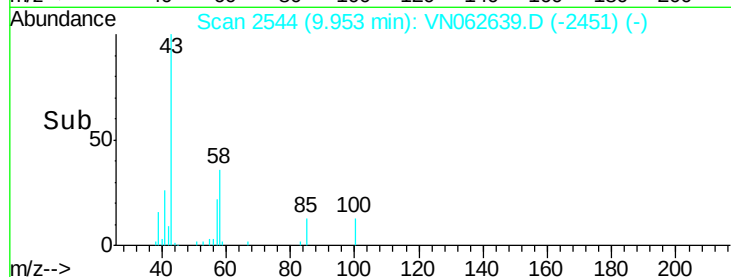
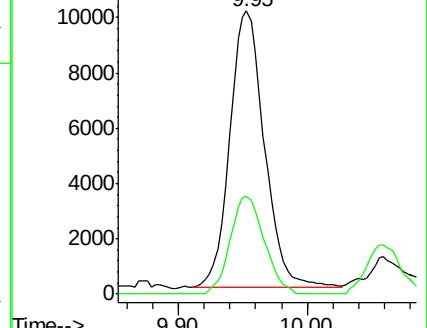
43 100

58 35.1 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-2526) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-2526) (-)



#52

Toluene

Concen: 1.174 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062639.D

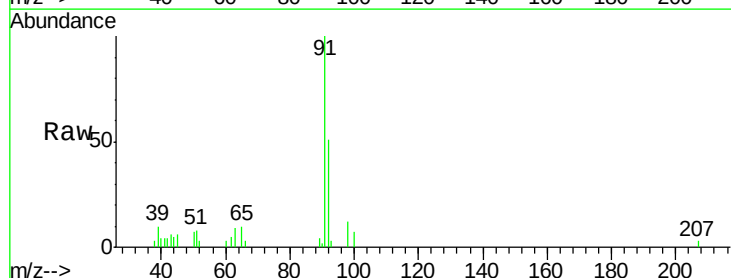
Acq: 28 Jul 2020 18:19

Tgt Ion: 92 Resp: 5855

Ion Ratio Lower Upper

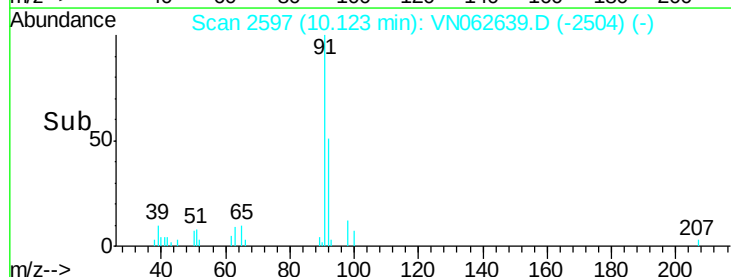
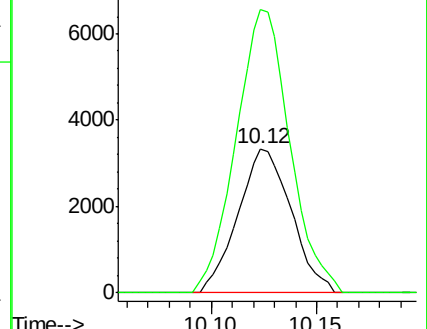
92 100

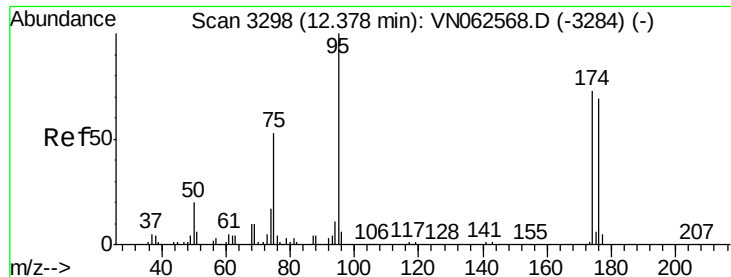
91 197.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062568.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062568.D (-2581) (-)

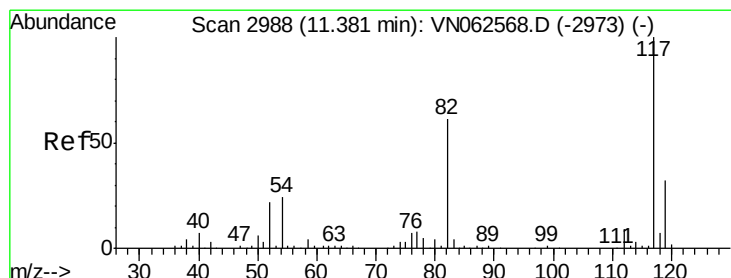
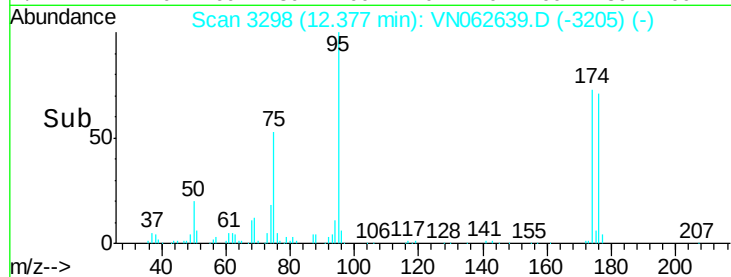
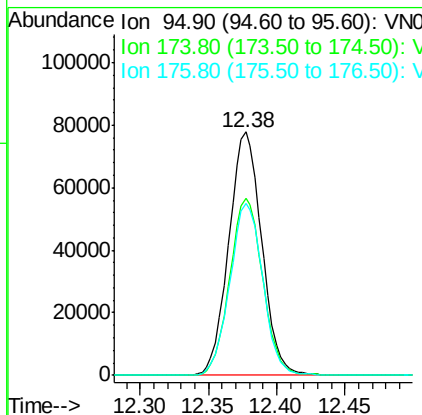
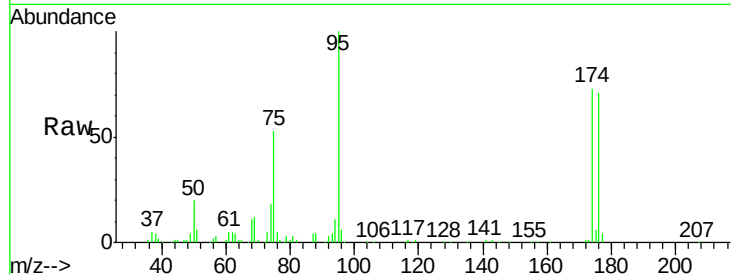




#62
4-Bromofluorobenzene
Concen: 51.269 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062639.D
Acq: 28 Jul 2020 18:19

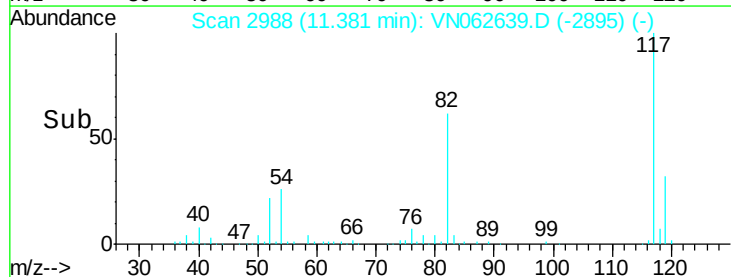
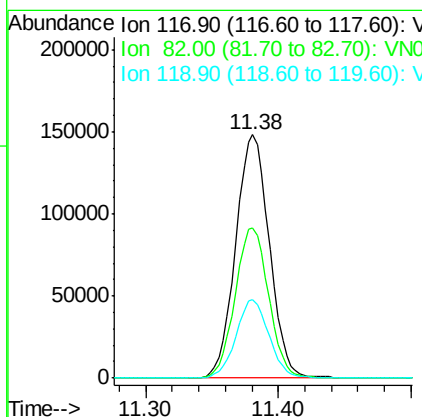
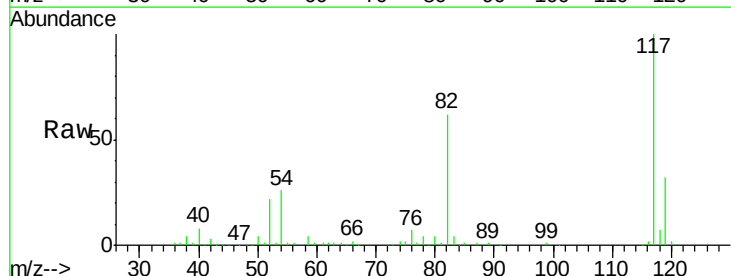
Instrument :
MSVOA_N
ClientSampled :
31165-L

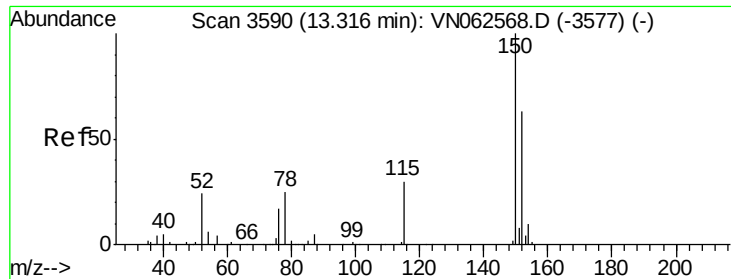
Tgt Ion: 95 Resp: 130762
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.6
176 70.6 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062639.D
Acq: 28 Jul 2020 18:19

Tgt Ion: 117 Resp: 261666
Ion Ratio Lower Upper
117 100
82 61.9 49.0 73.6
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062639.D

Acq: 28 Jul 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

31165-L

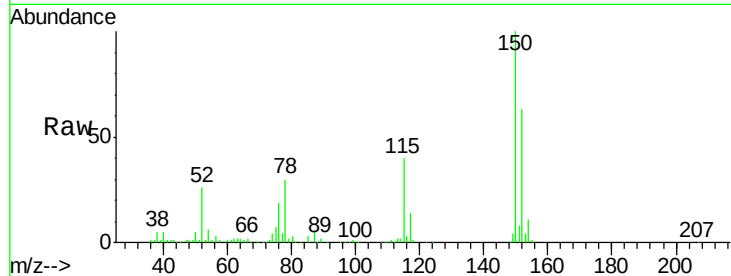
Tgt Ion:152 Resp: 91064

Ion Ratio Lower Upper

152 100

115 63.2 31.8 95.4

150 157.0 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

