

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062244.D
 Acq On : 30 Jun 2020 17:03
 Operator : JC/MD
 Sample : L3127-10 200X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 15BR-20200625

Quant Time: Jul 01 03:36:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

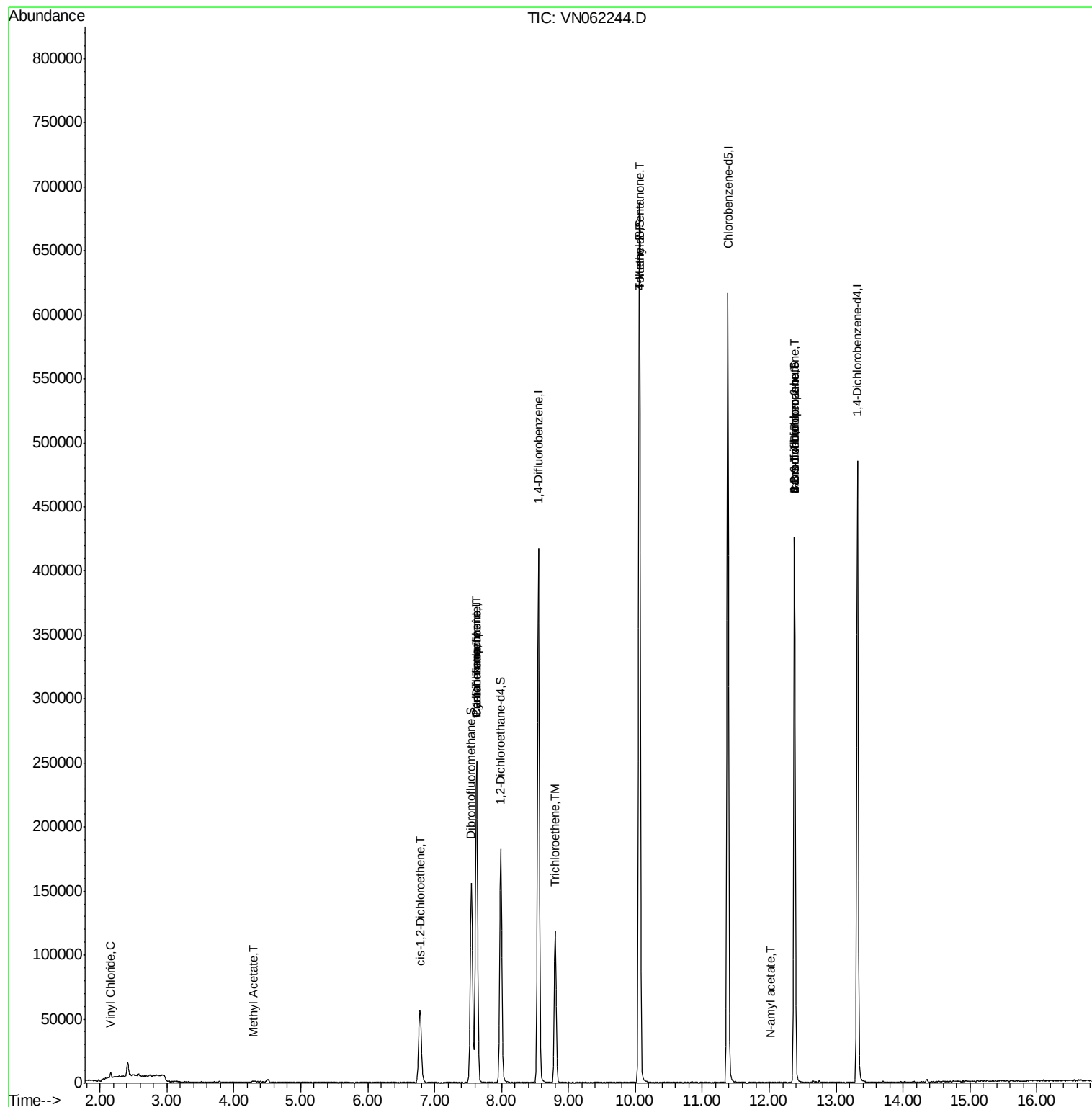
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	192982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	358266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	150485	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
35) Dibromofluoromethane	7.55	113	121562	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
50) Toluene-d8	10.06	98	475277	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.38	95	152504	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	252	Below Cal	#	41
4) Vinyl Chloride	2.16	62	3249	0.946	ug/l	95
16) Acetone	3.78	43	831	Below Cal	#	40
18) Methyl Acetate	4.29	43	587	0.273	ug/l #	46
27) cis-1,2-Dichloroethene	6.78	96	37786	13.302	ug/l	91
31) Cyclohexane	7.62	56	4748	1.269	ug/l #	20
36) 1,1-Dichloropropene	7.63	75	17266	4.645	ug/l #	48
38) Carbon Tetrachloride	7.63	117	20224	5.771	ug/l #	15
44) Trichloroethene	8.80	130	44342	15.515	ug/l	98
51) 4-Methyl-2-Pentanone	10.06	43	2092	0.714	ug/l #	1
71) Bromoform	12.38	173	1360	0.703	ug/l #	1
74) N-amyl acetate	12.02	43	63	3.359	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	78637	25.820	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	78637	75.403	ug/l #	13

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
Data File : VN062244.D
Acq On : 30 Jun 2020 17:03
Operator : JC/MD
Sample : L3127-10 200X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleID :
15BR-20200625

Quant Time: Jul 01 03:36:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062244.D

Acq: 30 Jun 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

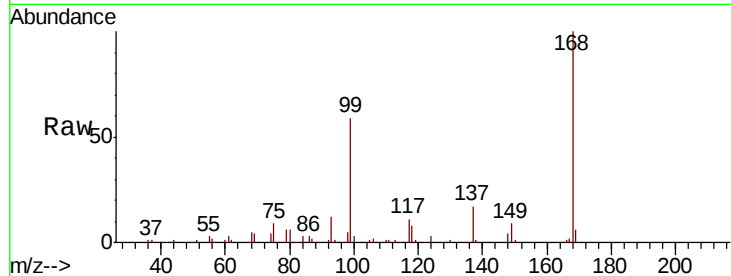
15BR-20200625

Tot Ion:168 Resp: 192982

Ion Ratio Lower Upper

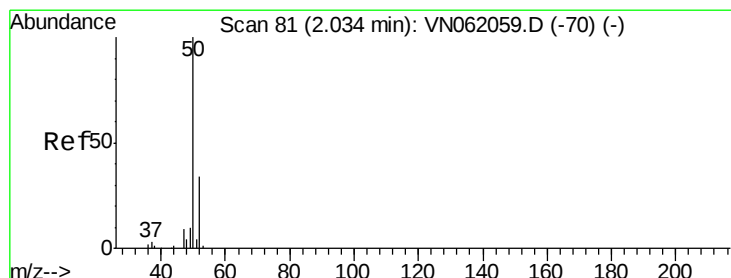
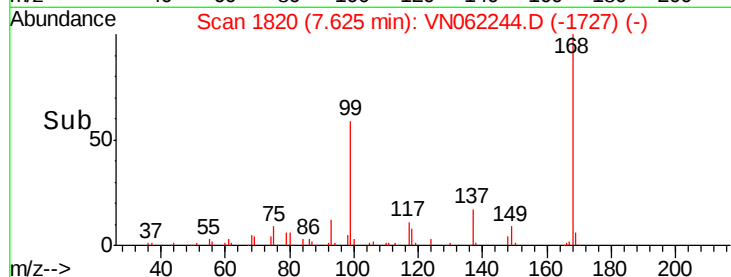
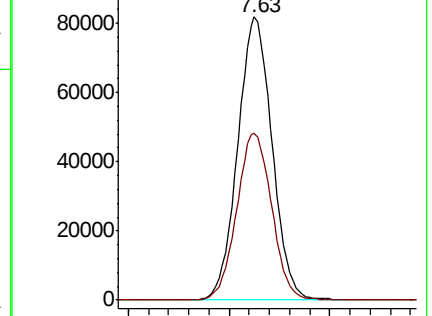
168 100

99 59.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062244.D

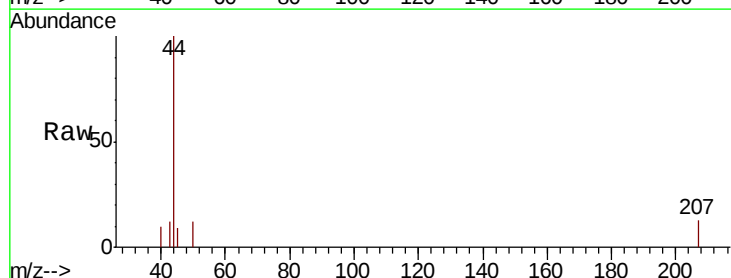
Acq: 30 Jun 2020 17:03

Tgt Ion: 50 Resp: 252

Ion Ratio Lower Upper

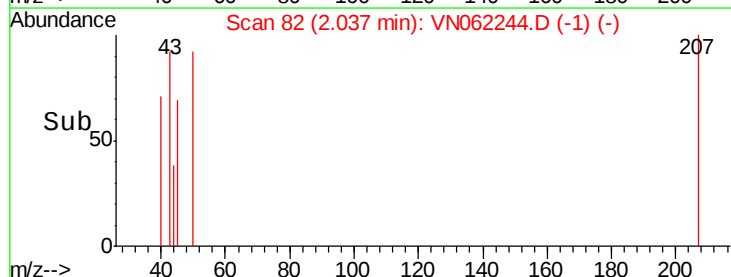
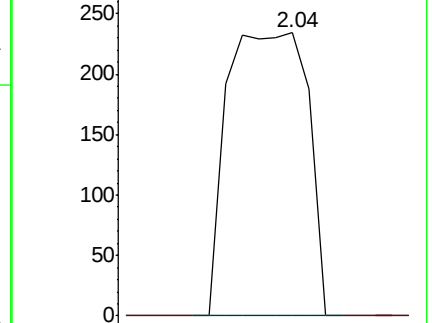
50 100

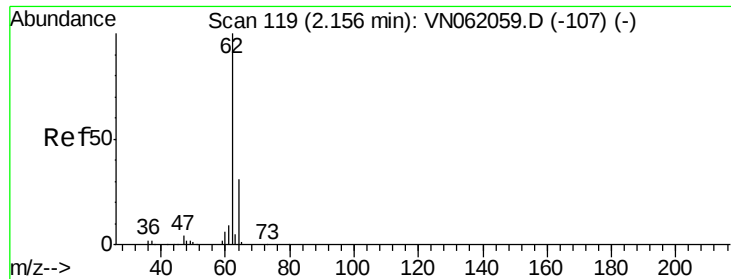
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#4

Vinyl Chloride

Concen: 0.946 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062244.D

Acq: 30 Jun 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

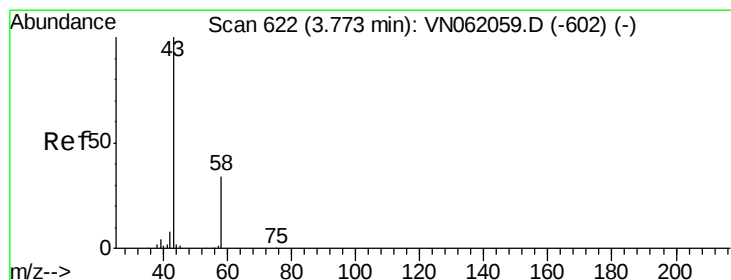
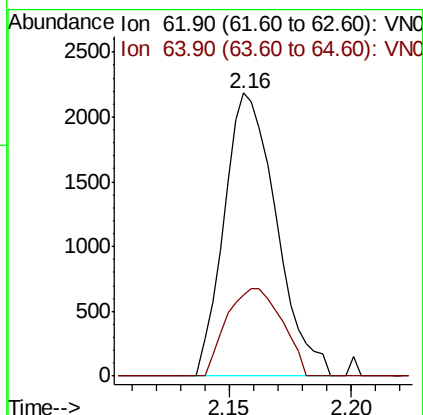
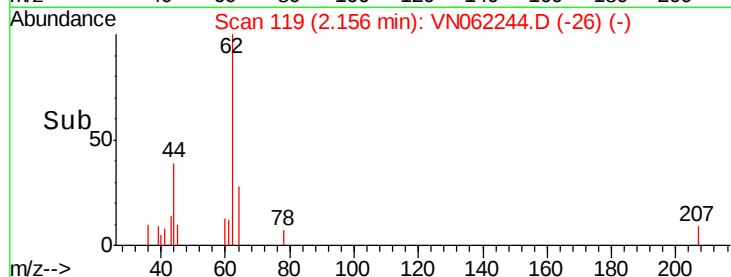
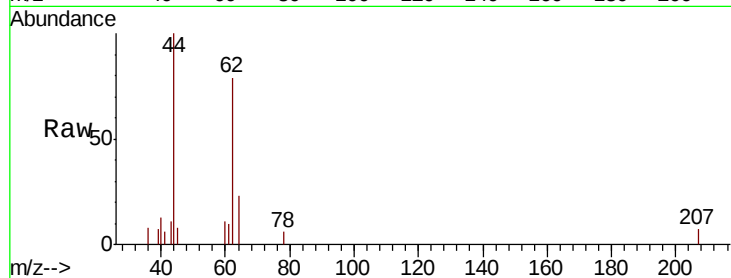
15BR-20200625

Tot Ion: 62 Resp: 3249

Ion Ratio Lower Upper

62 100

64 28.5 25.1 37.7



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062244.D

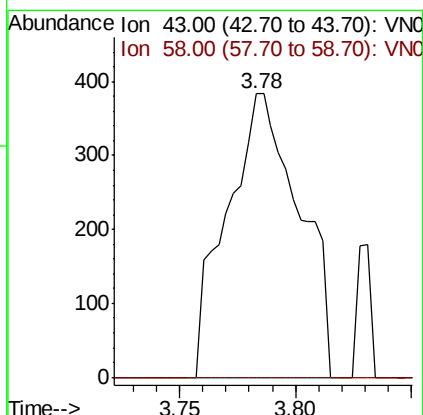
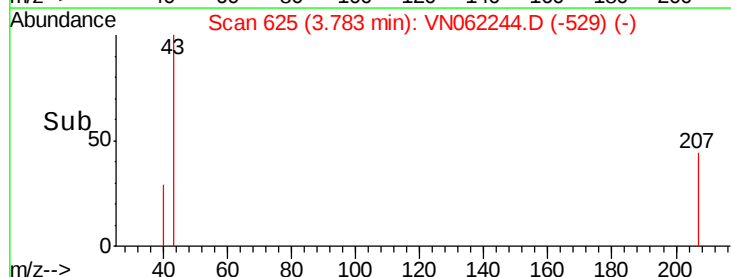
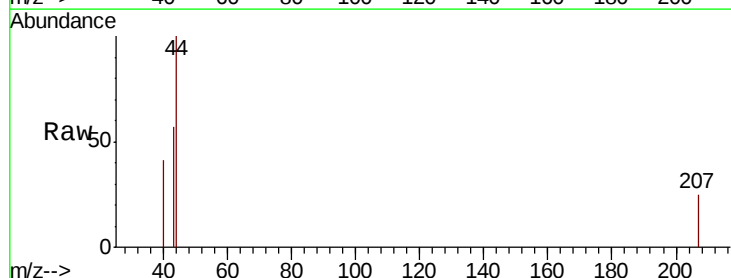
Acq: 30 Jun 2020 17:03

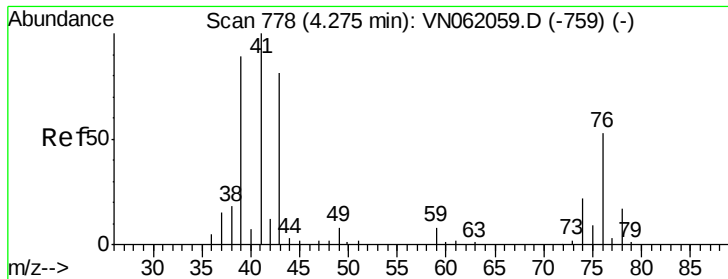
Tgt Ion: 43 Resp: 831

Ion Ratio Lower Upper

43 100

58 0.0 27.5 41.3#

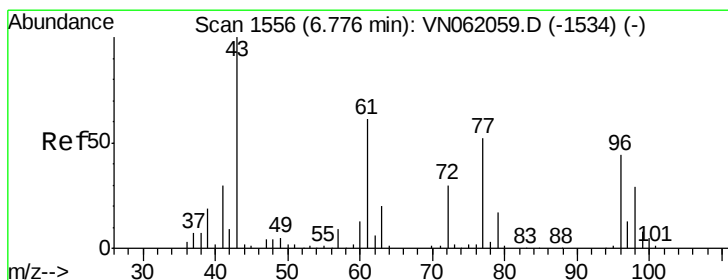
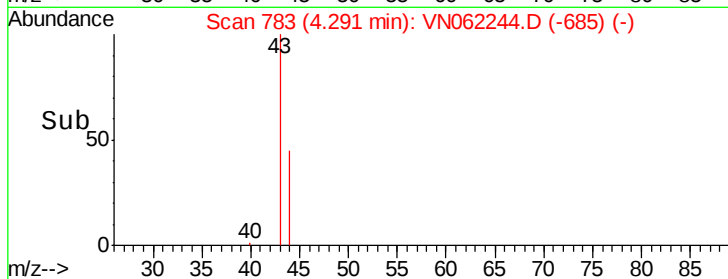
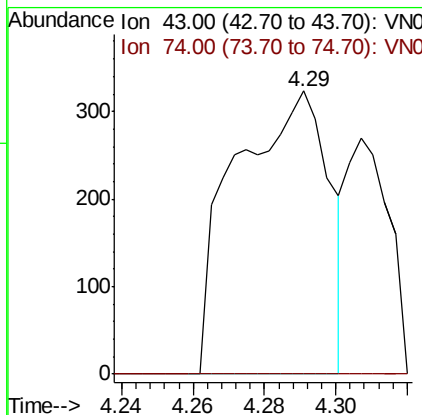
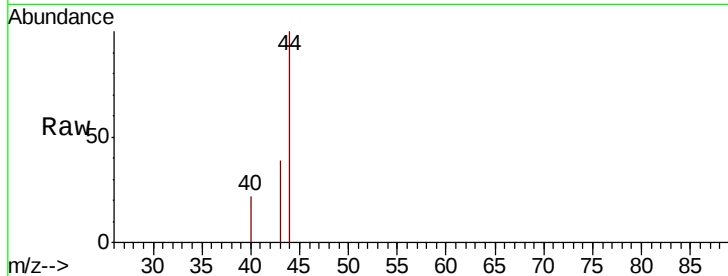




#18
Methyl Acetate
Concen: 0.273 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.02 min
Lab File: VN062244.D
Acq: 30 Jun 2020 17:03

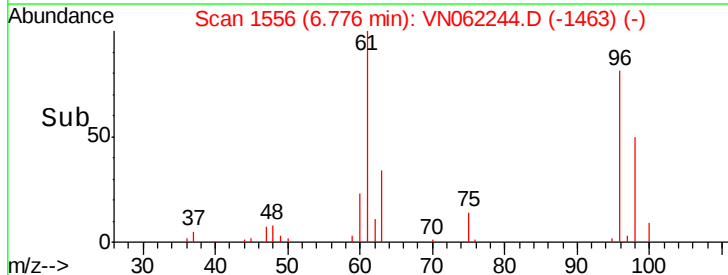
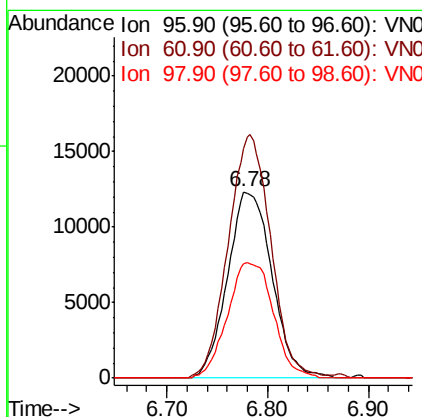
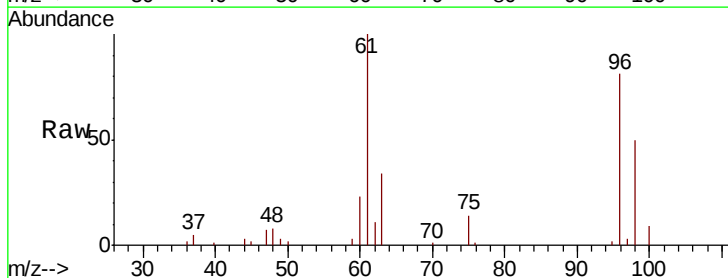
Instrument :
MSVOA_N
ClientSampleId :
15BR-20200625

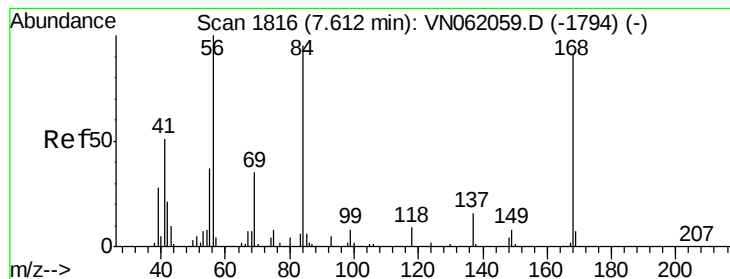
Tot Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
74 0.0 22.9 34.3#



#27
cis-1,2-Dichloroethene
Concen: 13.302 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062244.D
Acq: 30 Jun 2020 17:03

Tgt Ion: 96 Resp: 37786
Ion Ratio Lower Upper
96 100
61 125.0 0.0 280.4
98 63.8 0.0 129.4





#31

Cyclohexane

Concen: 1.269 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN062244.D

Acq: 30 Jun 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

15BR-20200625

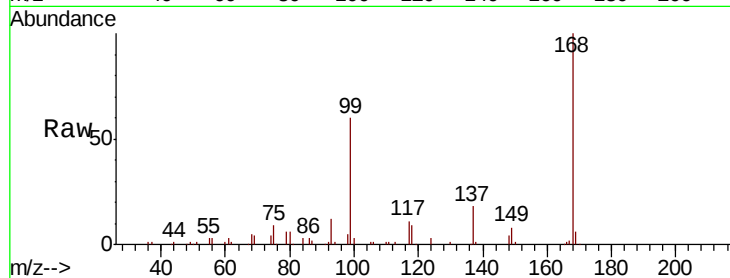
Tot Ion: 56 Resp: 4748

Ion Ratio Lower Upper

56 100

69 150.3 28.0 42.0#

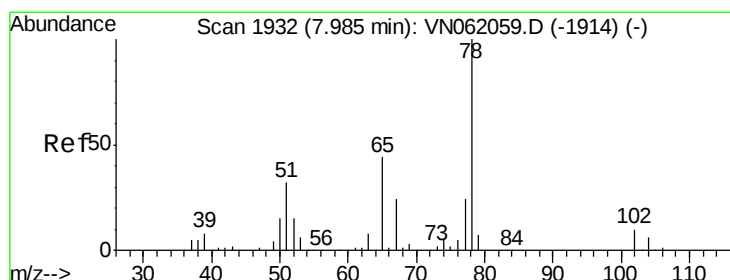
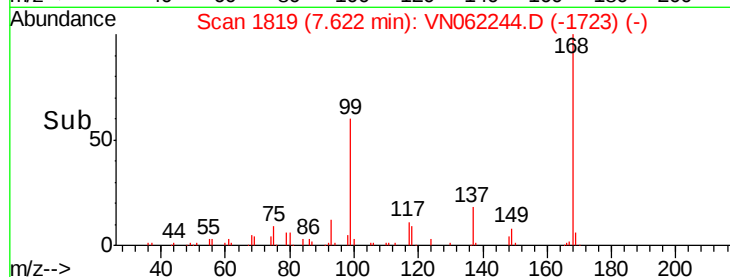
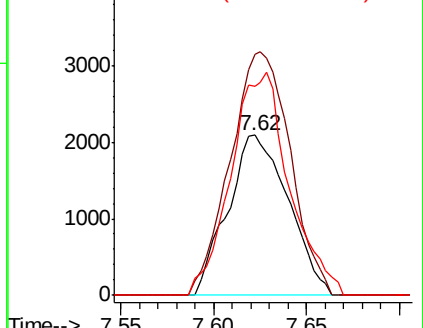
84 131.0 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062059.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.567 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062244.D

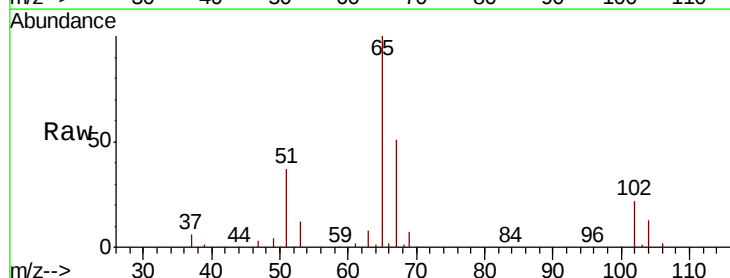
Acq: 30 Jun 2020 17:03

Tgt Ion: 65 Resp: 150485

Ion Ratio Lower Upper

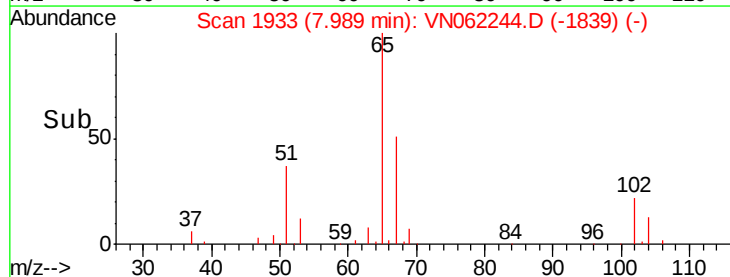
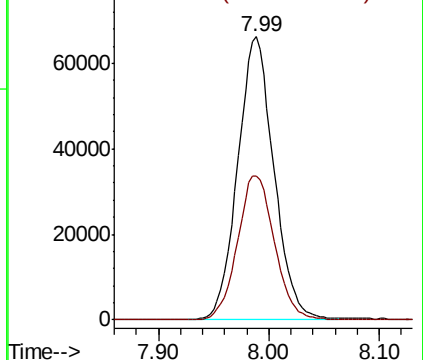
65 100

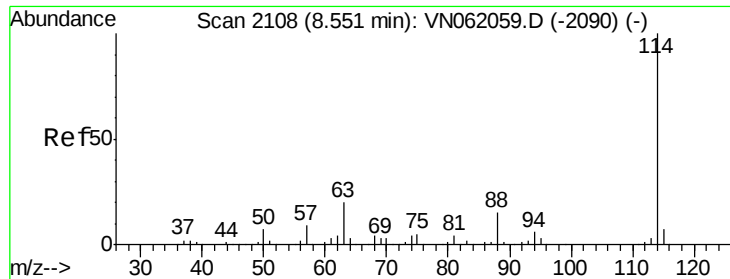
67 52.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062244.D

Acq: 30 Jun 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

15BR-20200625

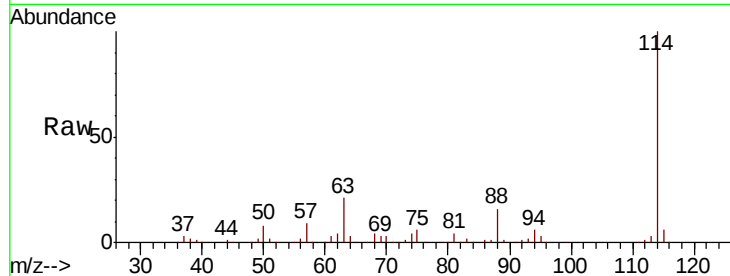
Tot Ion:114 Resp: 369822

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

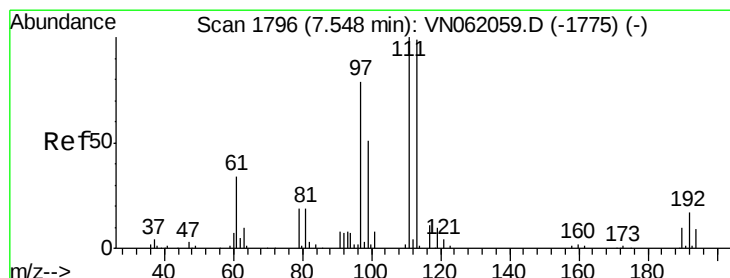
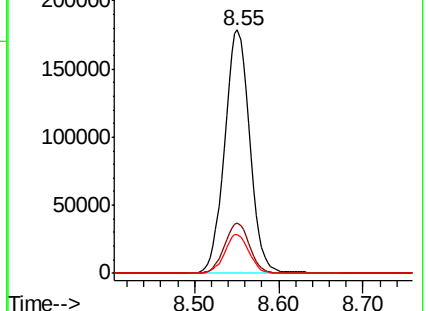
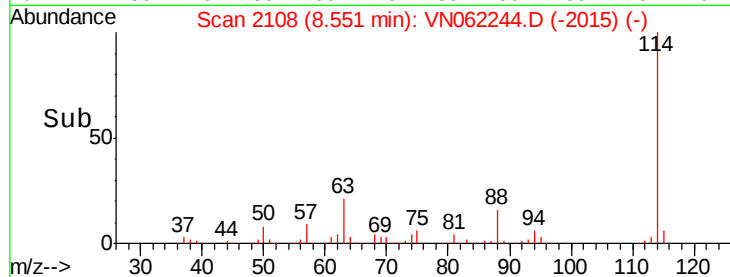
88 16.0 0.0 30.8



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: 51.236 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062244.D

Acq: 30 Jun 2020 17:03

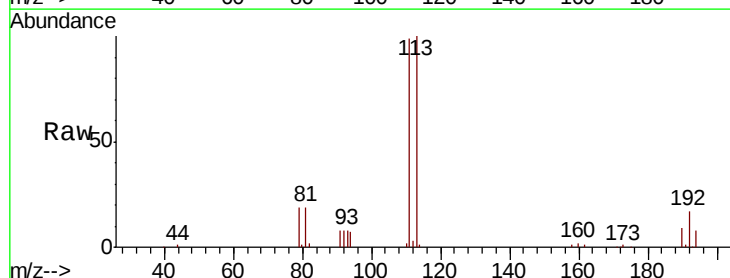
Tgt Ion:113 Resp: 121562

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

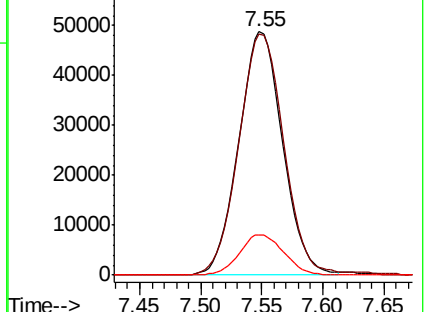
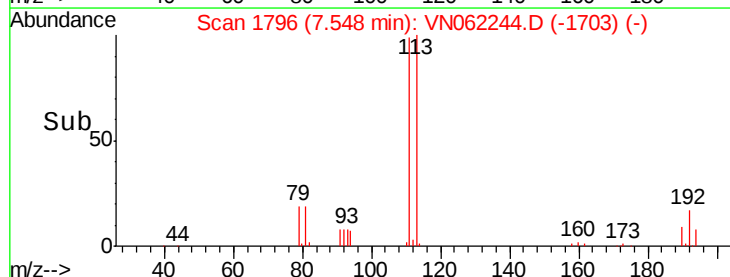
192 16.8 14.0 21.0

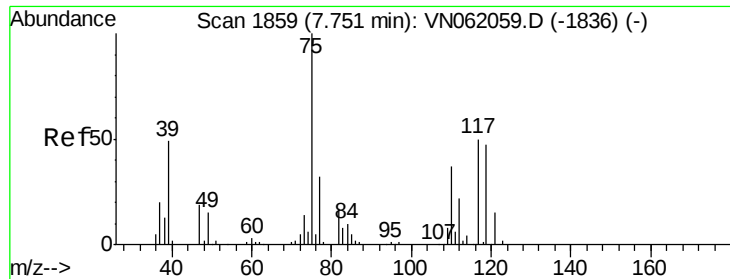


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.645 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN062244.D

Acq: 30 Jun 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

15BR-20200625

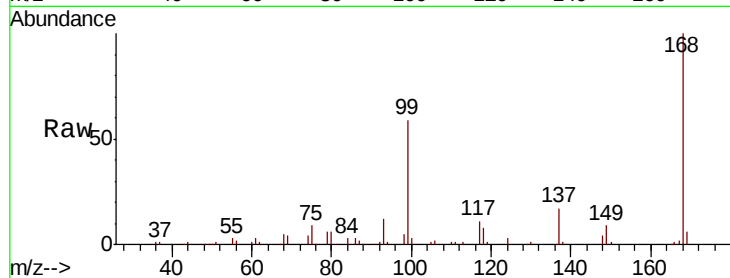
Tot Ion: 75 Resp: 17266

Ion Ratio Lower Upper

75 100

110 8.0 17.9 53.8#

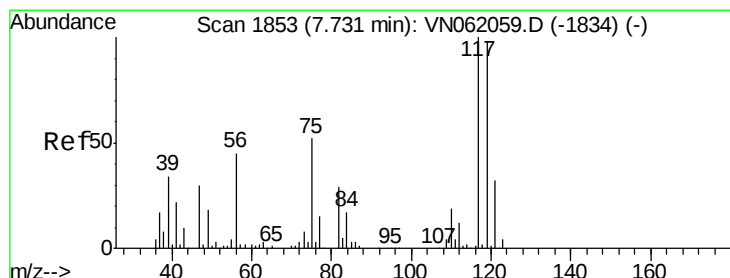
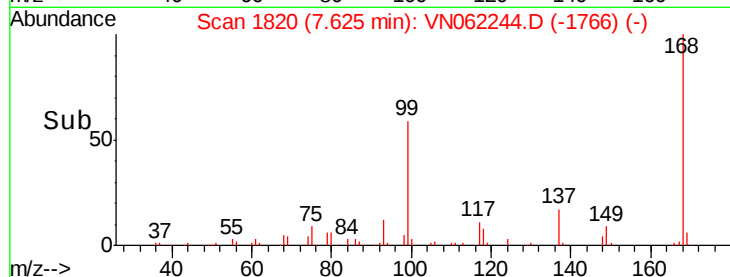
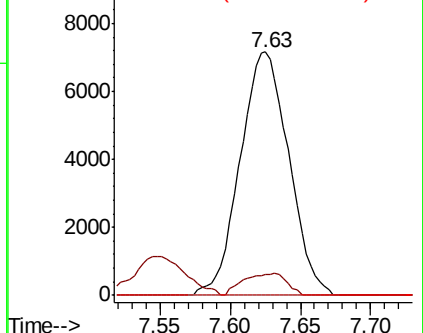
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN062059.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN062059.D (-1836) (-)



#38

Carbon Tetrachloride

Concen: 5.771 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062244.D

Acq: 30 Jun 2020 17:03

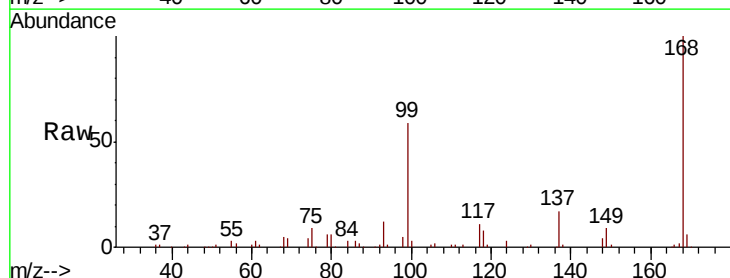
Tgt Ion: 117 Resp: 20224

Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.2#

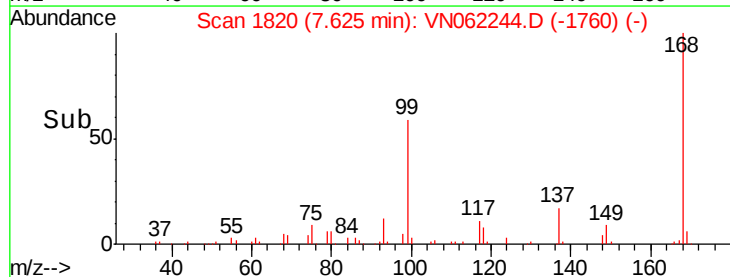
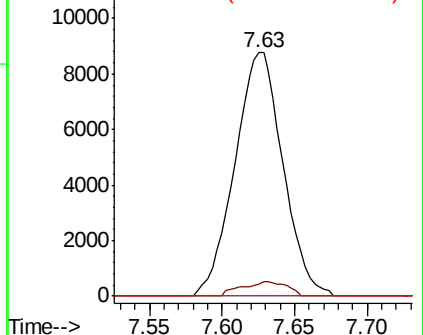
121 0.0 25.8 38.6#

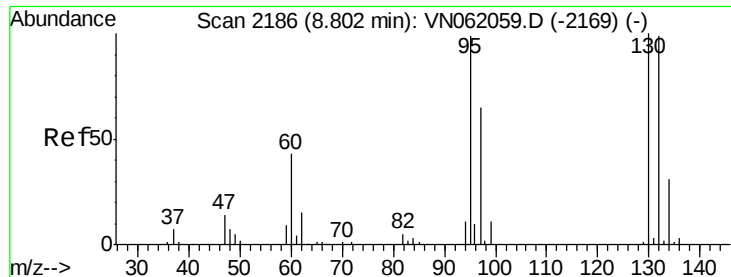


Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-1834) (-)

Ion 118.80 (118.50 to 119.50): VN062059.D (-1834) (-)

Ion 120.80 (120.50 to 121.50): VN062059.D (-1834) (-)





#44

Trichloroethene

Concen: 15.515 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062244.D

Acq: 30 Jun 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

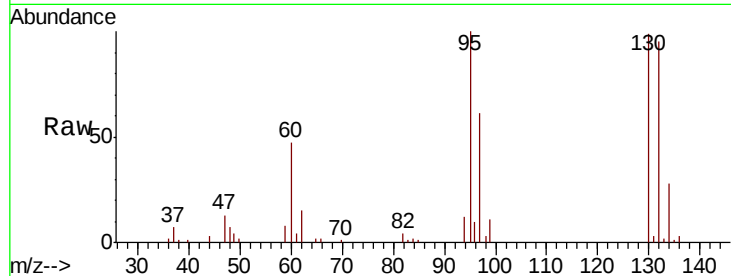
15BR-20200625

Tot Ion:130 Resp: 44342

Ion Ratio Lower Upper

130 100

95 100.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)

8.80

25000

20000

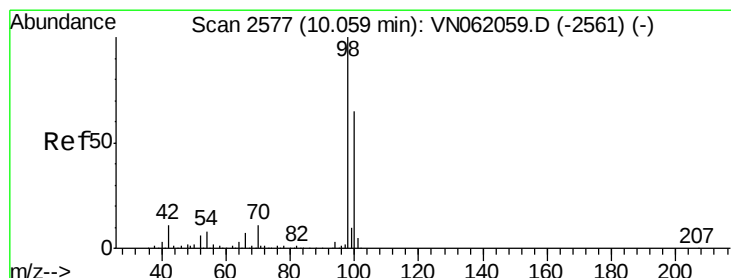
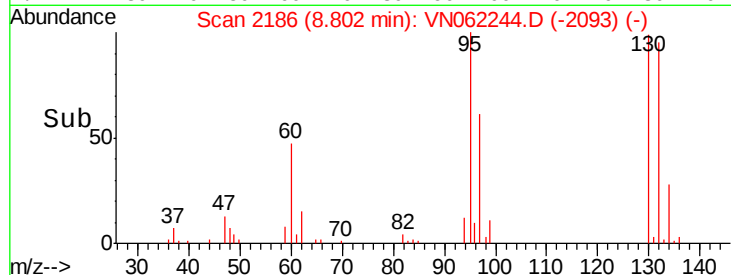
15000

10000

5000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 50.113 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062244.D

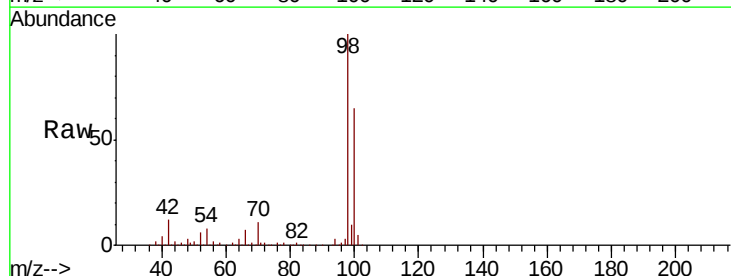
Acq: 30 Jun 2020 17:03

Tgt Ion: 98 Resp: 475277

Ion Ratio Lower Upper

98 100

100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062059.D (-2561) (-)

10.06

300000

250000

200000

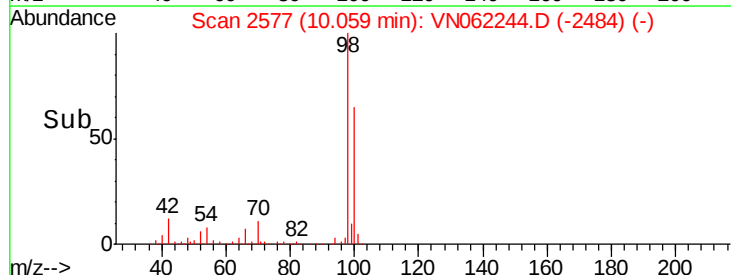
150000

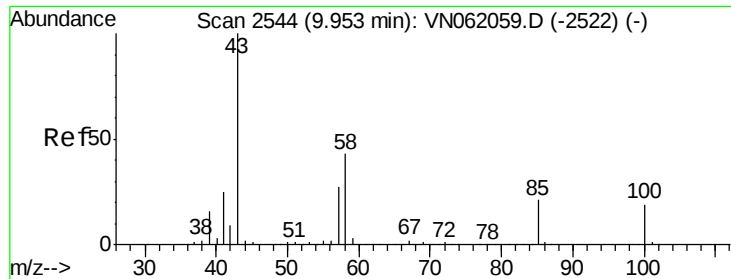
100000

50000

0

Time--> 10.00 10.05 10.10

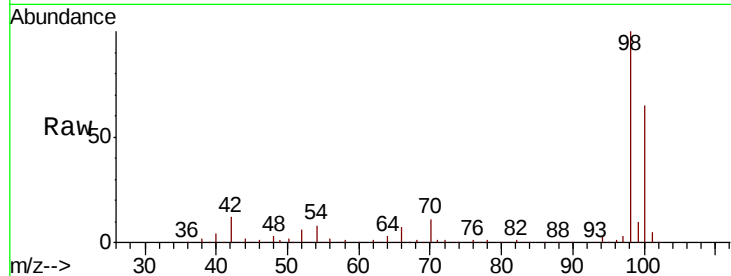




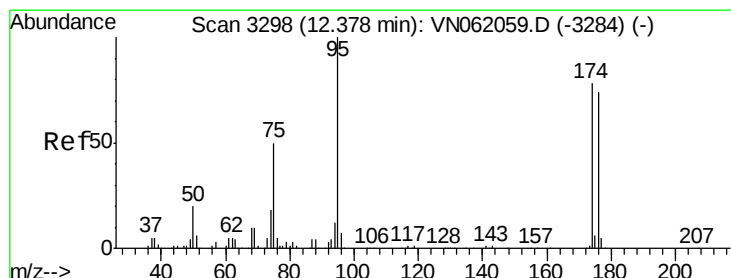
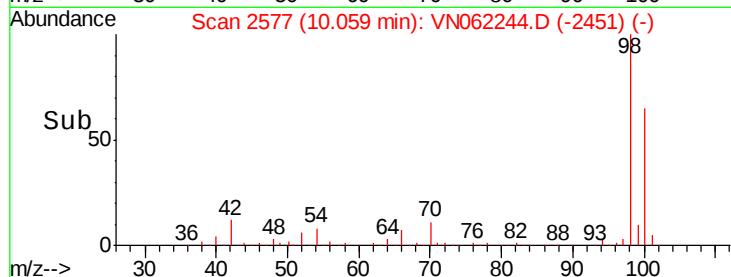
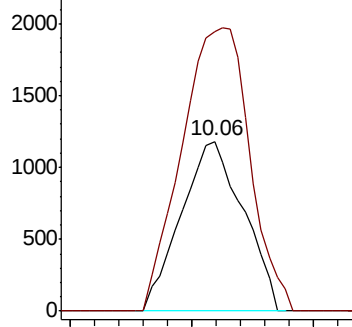
#51
4-Methyl-2-Pentanone
Concen: 0.714 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.11 min
Lab File: VN062244.D
Acq: 30 Jun 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
15BR-20200625

Tot Ion: 43 Resp: 2092
Ion Ratio Lower Upper
43 100
58 182.3 34.2 51.2#

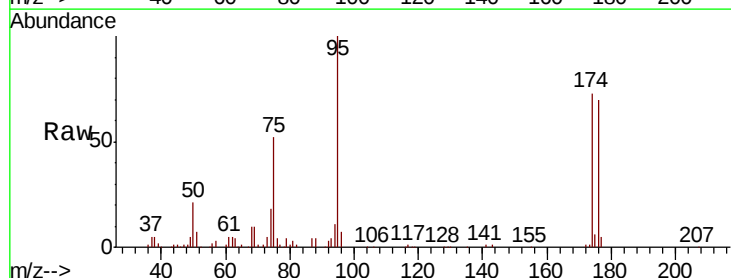


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

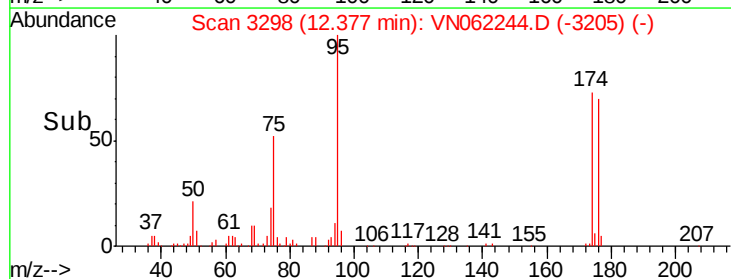
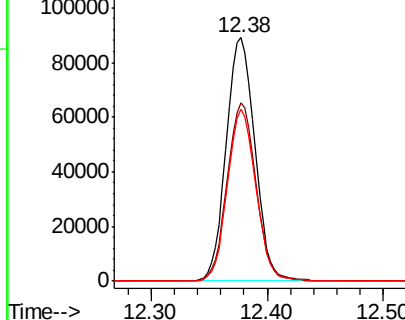


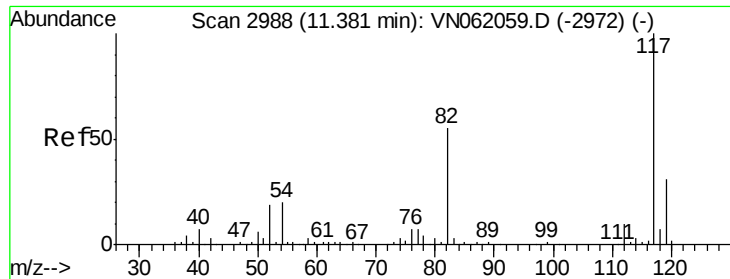
#62
4-Bromofluorobenzene
Concen: 47.594 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062244.D
Acq: 30 Jun 2020 17:03

Tgt Ion: 95 Resp: 152504
Ion Ratio Lower Upper
95 100
174 73.3 0.0 154.8
176 69.7 0.0 147.4



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

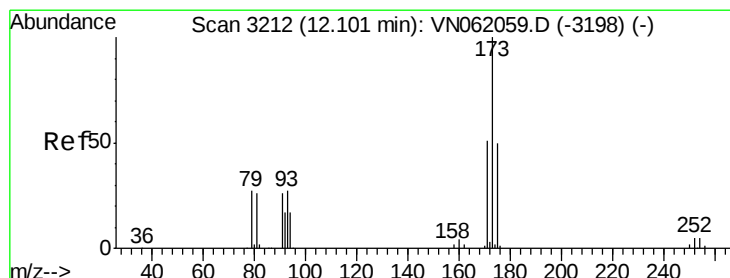
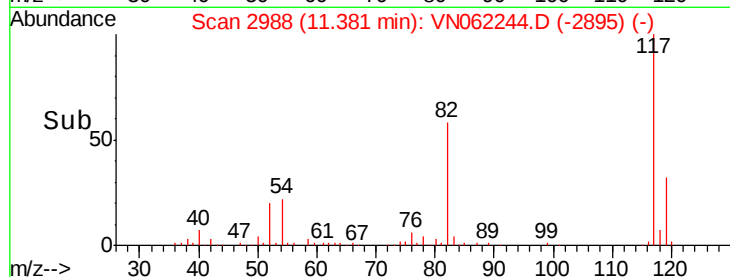
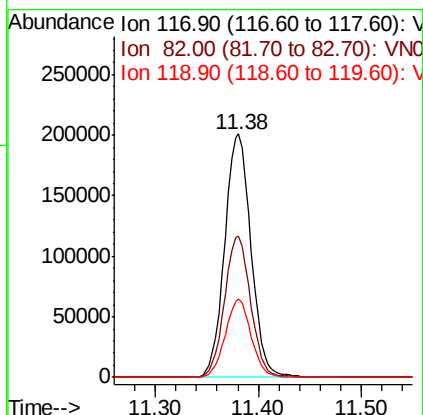
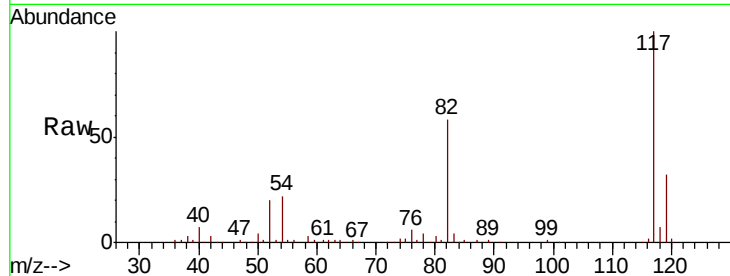




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062244.D
Acq: 30 Jun 2020 17:03

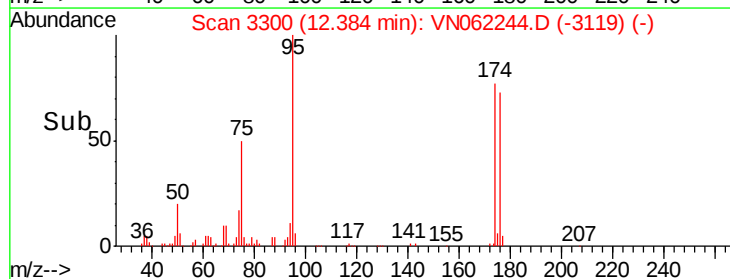
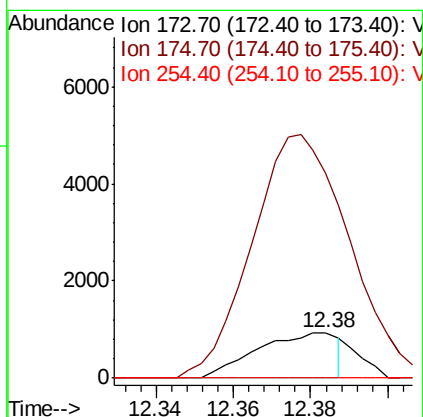
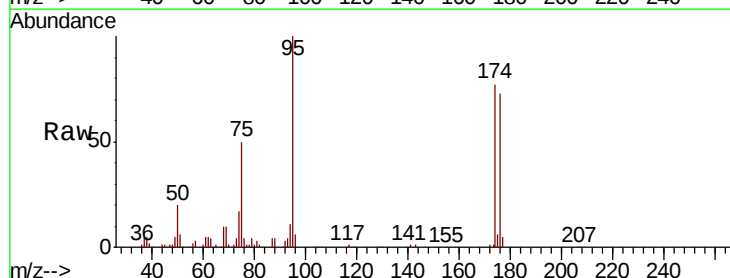
Instrument :
MSVOA_N
ClientSampleId :
15BR-20200625

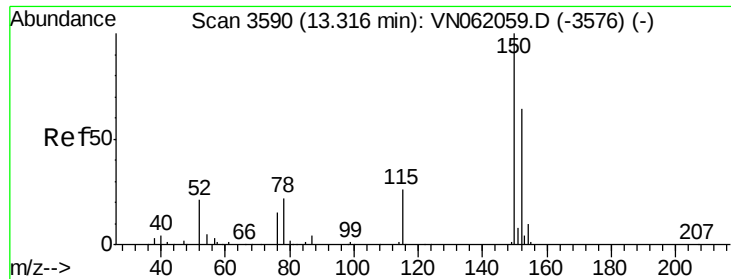
Tot Ion:117 Resp: 358266
Ion Ratio Lower Upper
117 100
82 57.9 43.8 65.8
119 32.2 25.2 37.8



#71
Bromoform
Concen: 0.703 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.28 min
Lab File: VN062244.D
Acq: 30 Jun 2020 17:03

Tgt Ion:173 Resp: 1360
Ion Ratio Lower Upper
173 100
175 530.7 24.7 74.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062244.D

Acq: 30 Jun 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

15BR-20200625

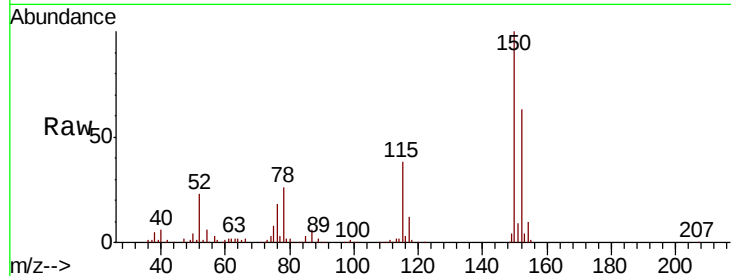
Tot Ion:152 Resp: 129377

Ion Ratio Lower Upper

152 100

115 60.5 29.5 88.5

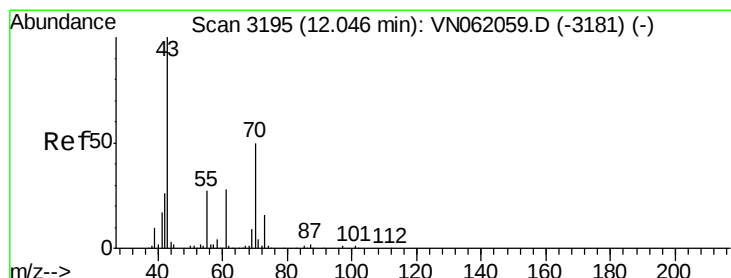
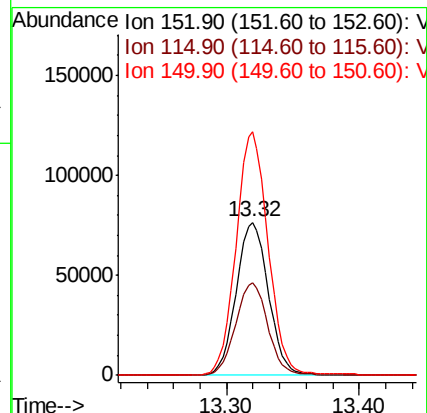
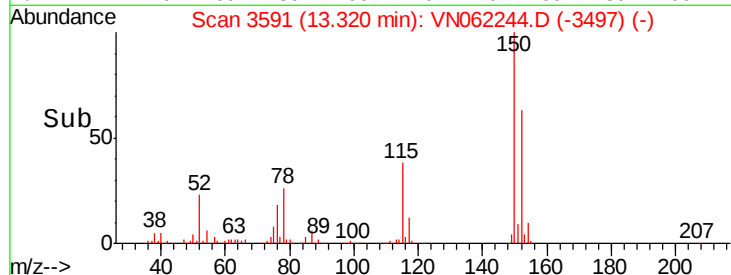
150 157.8 0.0 351.4



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



#74

N-ethyl acetate

Concen: 3.359 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.03 min

Lab File: VN062244.D

Acq: 30 Jun 2020 17:03

Tgt Ion: 43 Resp: 63

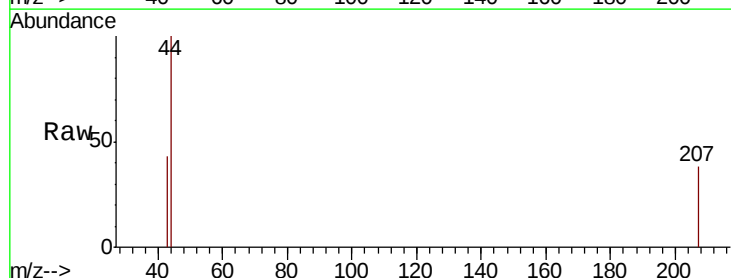
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

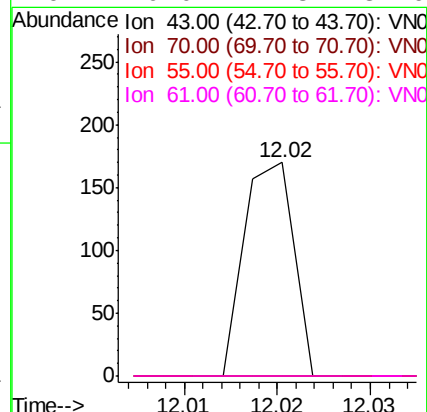
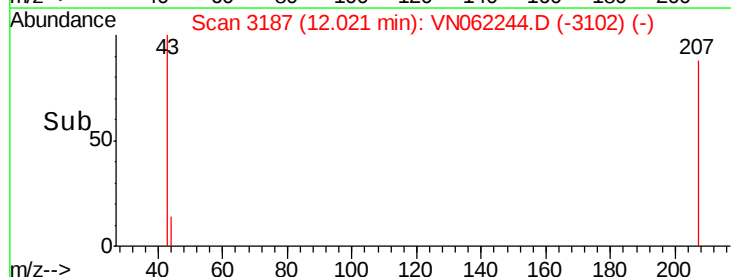


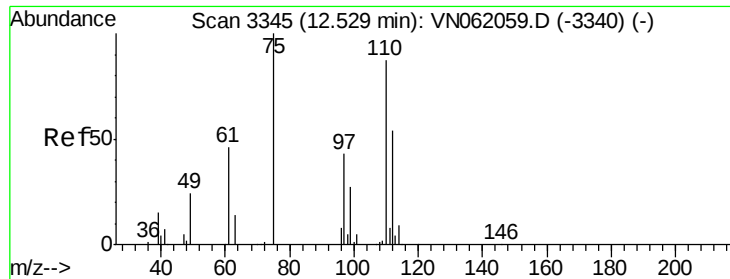
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

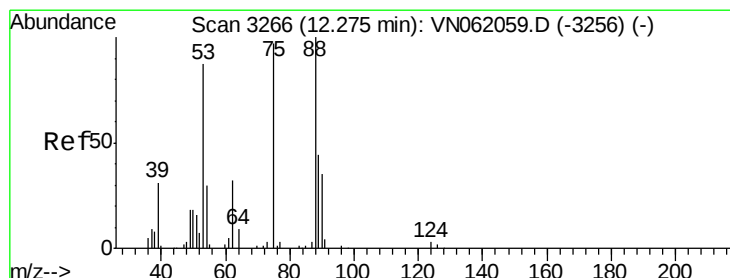
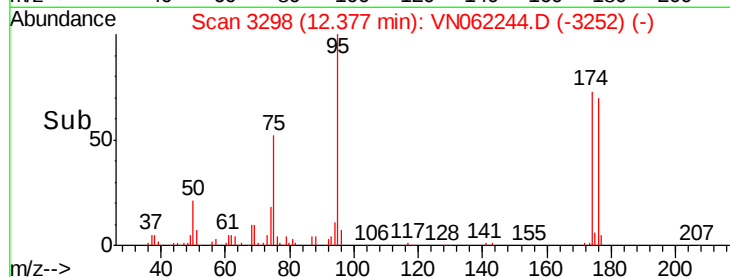
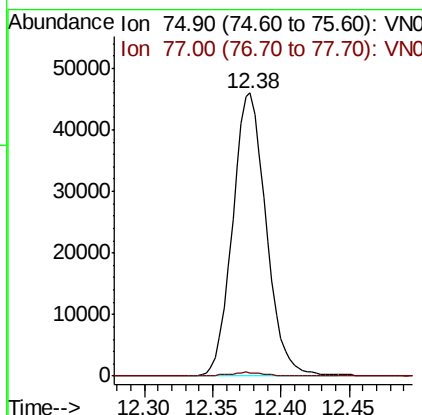
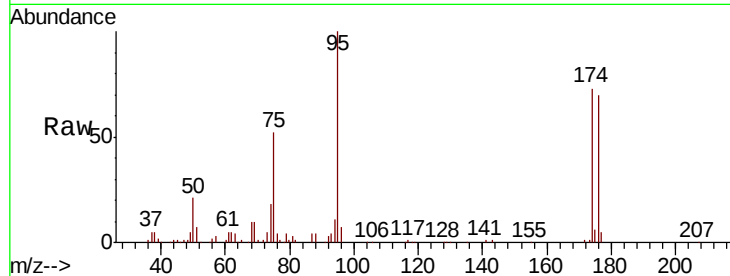




#76
 1,2,3-Trichloropropane
 Concen: 25.820 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062244.D
 Acq: 30 Jun 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 15BR-20200625

Tot Ion: 75 Resp: 78637
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.403 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062244.D
 Acq: 30 Jun 2020 17:03

Tgt Ion: 75 Resp: 78637
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.0 108.0#
 89 0.0 36.9 55.3#

