

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055472.D
 Acq On : 8 May 2019 6:36
 Operator : JC/SP
 Sample : K2717-09
 Misc : 4.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01

Quant Time: May 08 08:37:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	444892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	698535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	566944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182604	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	297407	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
35) Dibromofluoromethane	7.59	113	217749	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
50) Toluene-d8	10.09	98	831993	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	241506	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

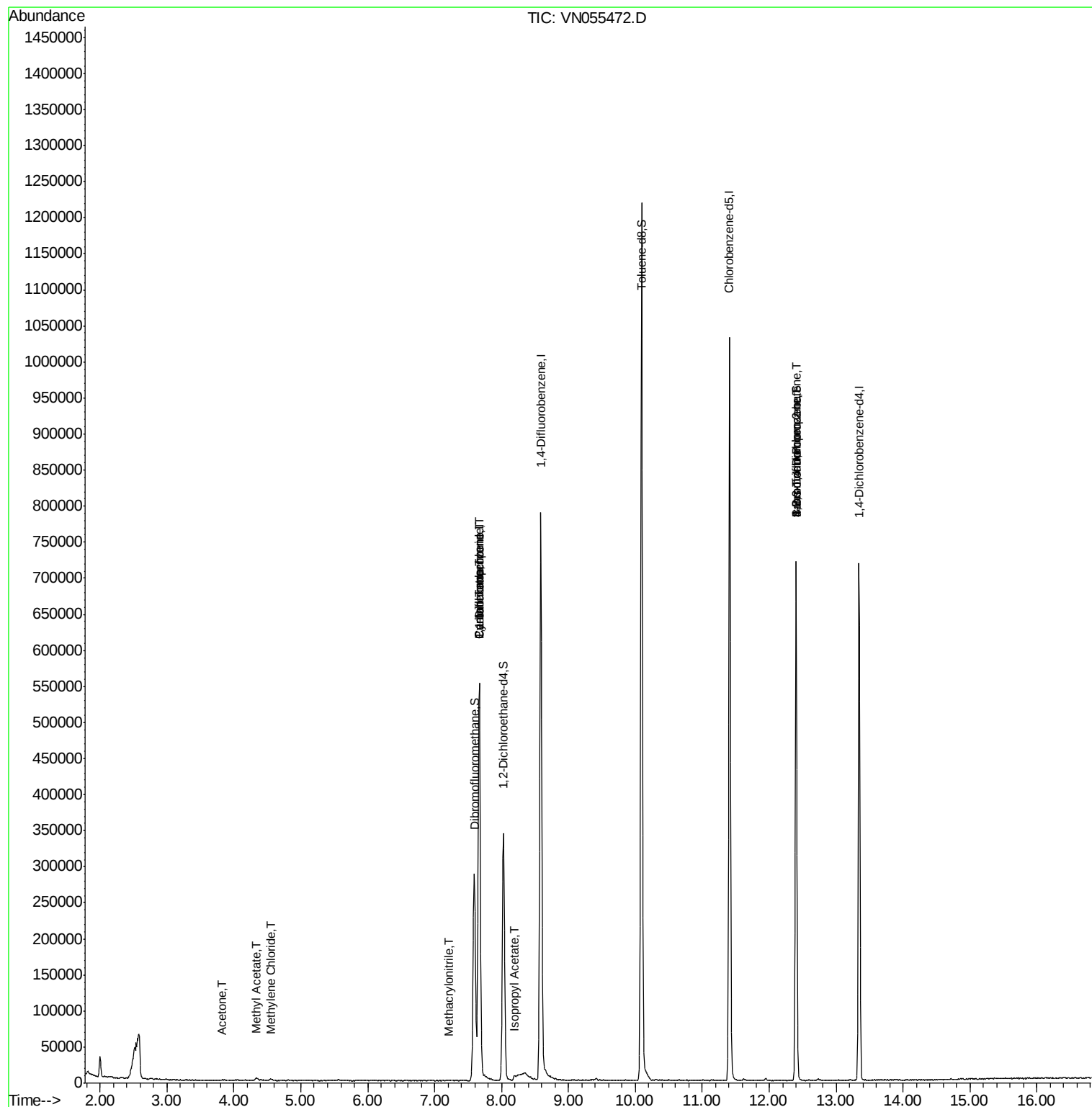
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	932	0.514	ug/l #	45
18) Methyl Acetate	4.34	43	6552	0.457	ug/l	97
20) Methylene Chloride	4.55	84	1261	0.228	ug/l #	66
31) Cyclohexane	7.67	56	10505	1.147	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	36678	5.482	ug/l #	49
38) Carbon Tetrachloride	7.66	117	42955	6.655	ug/l #	17
41) Methacrylonitrile	7.21	41	282	0.840	ug/l #	48
43) Isopropyl Acetate	8.20	43	5335	0.647	ug/l #	56
71) Bromoform	12.41	173	2702	1.122	ug/l #	1
73) Isopropylbenzene	12.39	105	328	Below Cal	#	49
75) 1,1,2,2-Tetrachloroethane	12.39	83	32	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	128724	37.285	ug/l #	100
79) 2-Chlorotoluene	12.60	91	98	Below Cal	#	42
81) trans-1,4-Dichloro-2-buten	12.40	75	128724	133.590	ug/l #	7

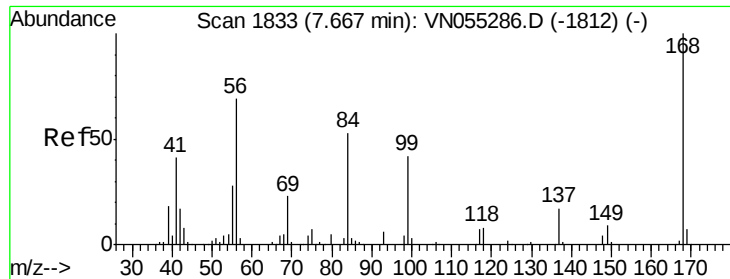
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN050719\
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

Instrument :

MSVOA_N

ClientSampleId :

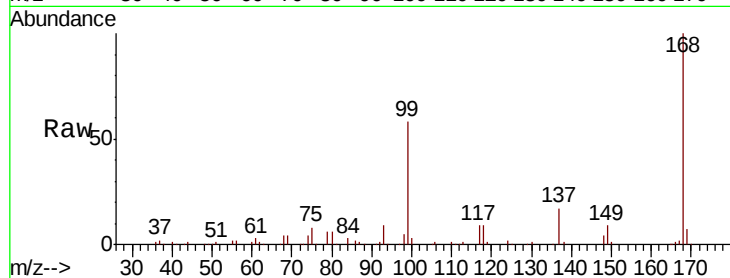
P026-SS002-1218-01

Tot Ion:168 Resp: 444892

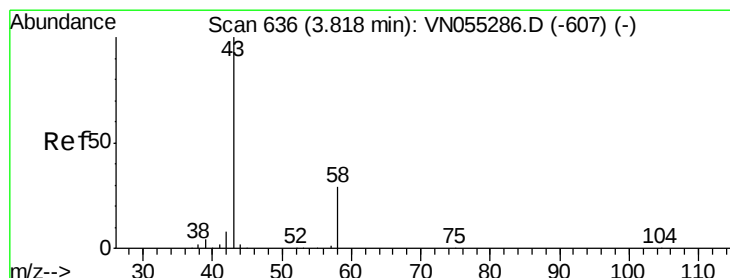
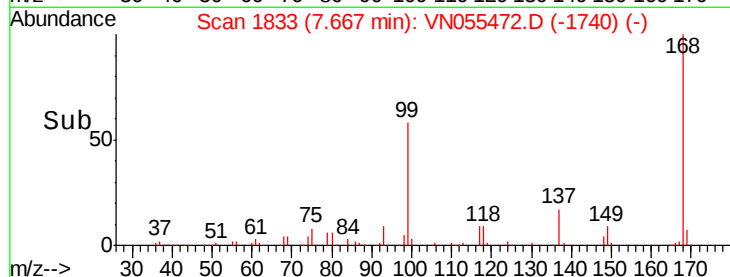
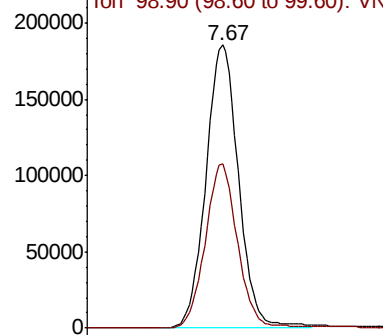
Ion Ratio Lower Upper

168 100

99 57.8 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055472.D (-1740) (-)



#16

Acetone

Concen: 0.514 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055472.D

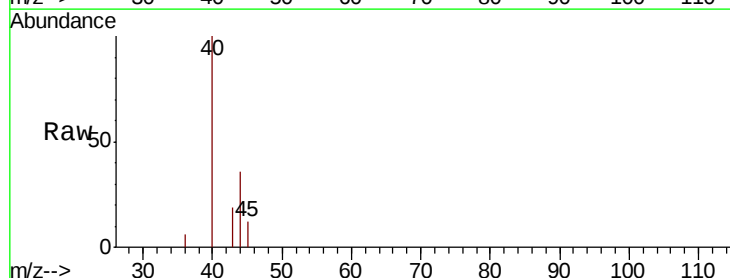
Acq: 8 May 2019 6:36

Tgt Ion: 43 Resp: 932

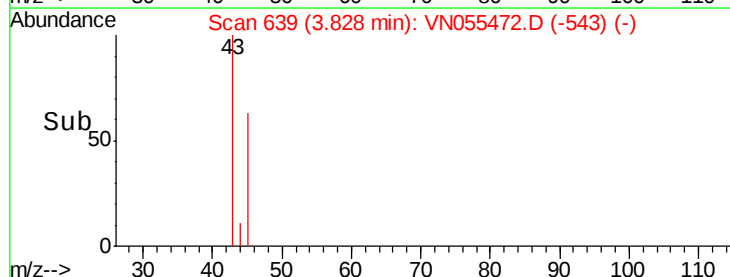
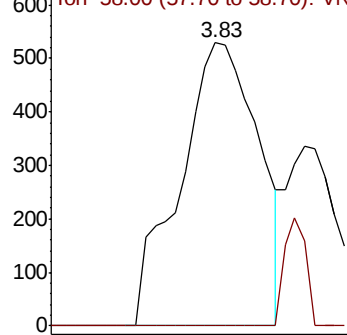
Ion Ratio Lower Upper

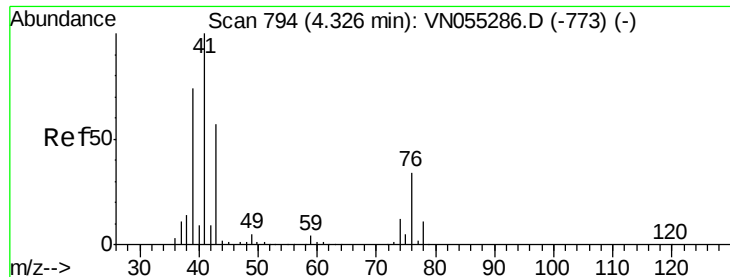
43 100

58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055472.D (-543) (-)

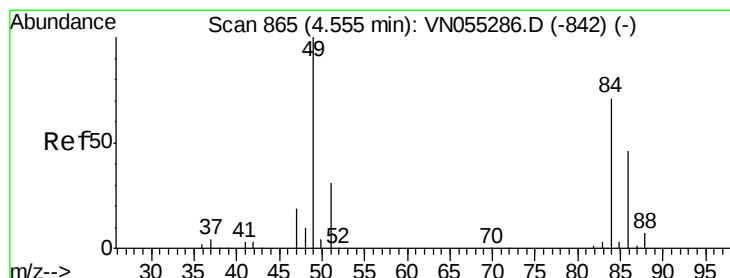
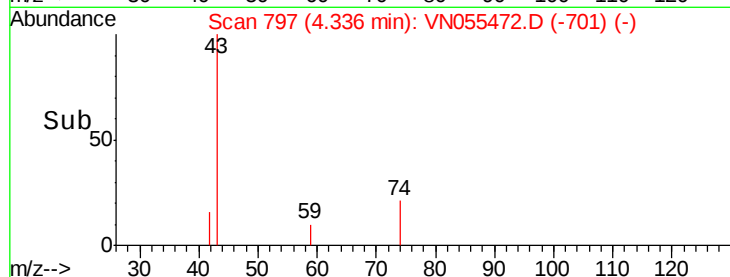
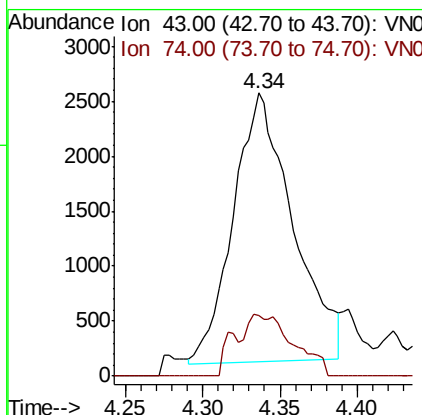
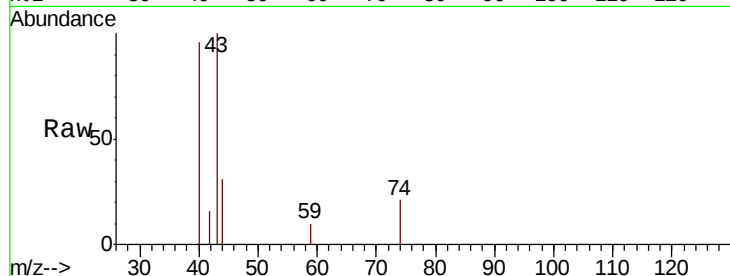




#18
Methyl Acetate
Concen: 0.457 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055472.D
Acq: 8 May 2019 6:36

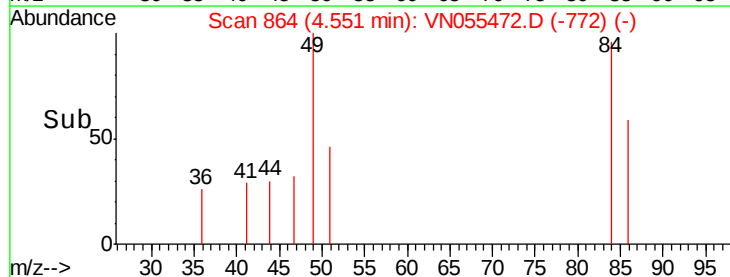
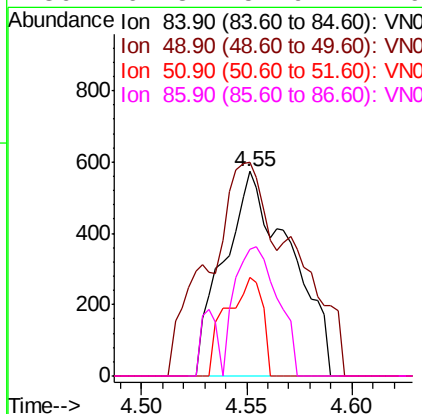
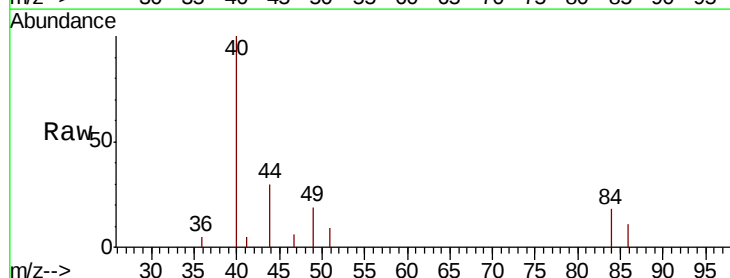
Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01

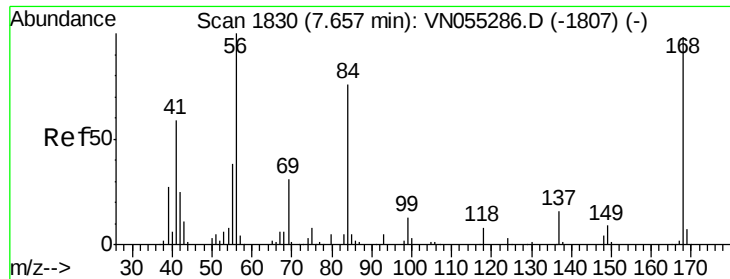
Tot Ion: 43 Resp: 6552
Ion Ratio Lower Upper
43 100
74 18.3 15.8 23.8



#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055472.D
Acq: 8 May 2019 6:36

Tgt Ion: 84 Resp: 1261
Ion Ratio Lower Upper
84 100
49 72.6 112.4 168.6#
51 48.3 34.6 51.8
86 61.8 51.9 77.9

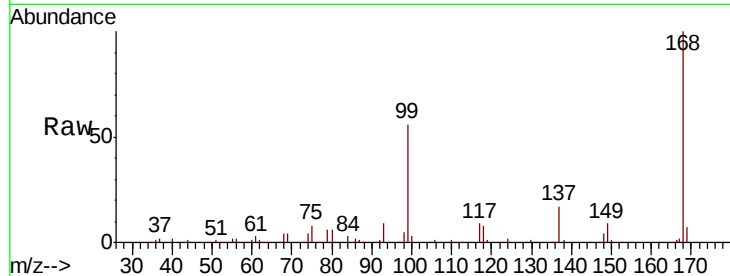




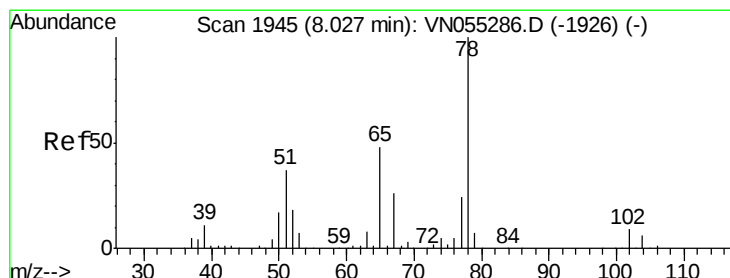
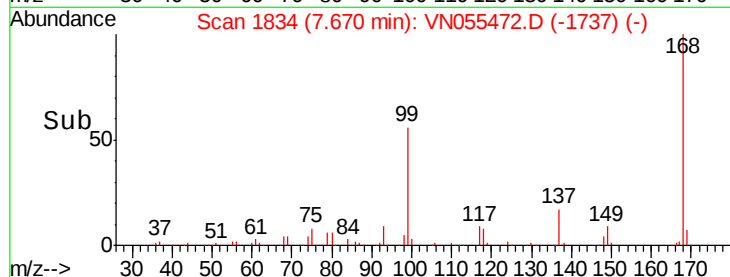
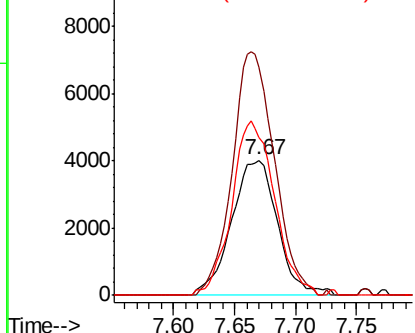
#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VN055472.D
Acq: 8 May 2019 6:36

Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01

Tot Ion: 56 Resp: 10505
Ion Ratio Lower Upper
56 100
69 169.0 25.2 37.8#
84 117.1 61.1 91.7#

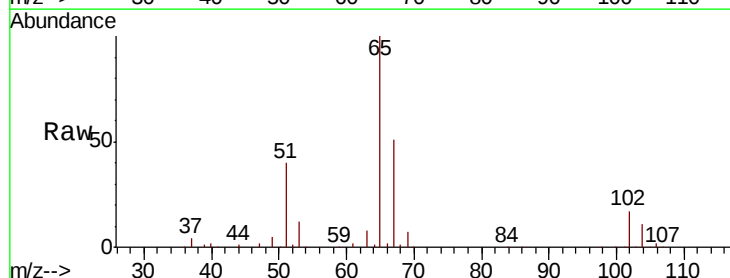


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

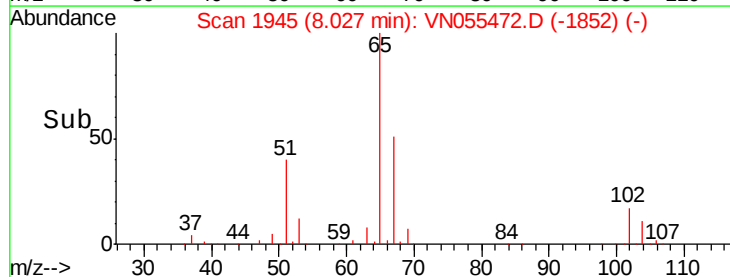
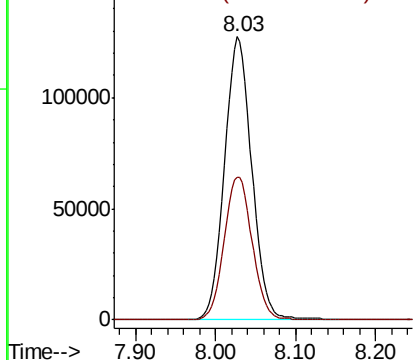


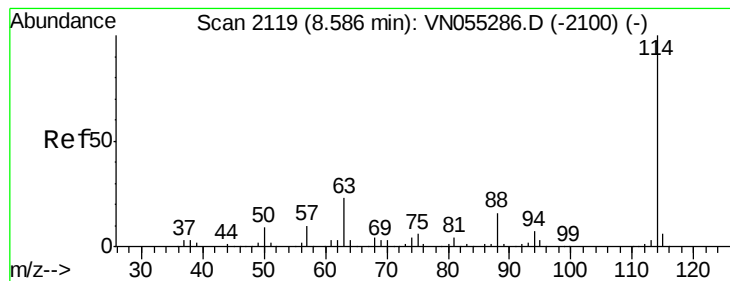
#33
1,2-Dichloroethane-d4
Concen: 51.099 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055472.D
Acq: 8 May 2019 6:36

Tgt Ion: 65 Resp: 297407
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01

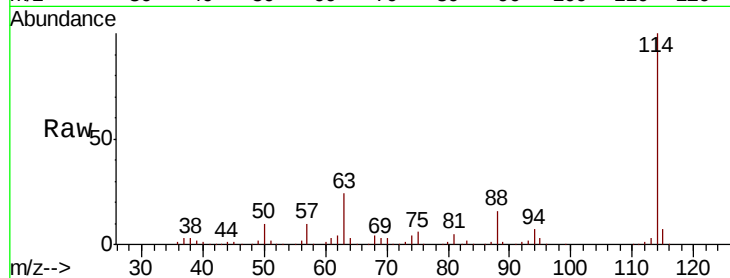
Tot Ion:114 Resp: 698535

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.2

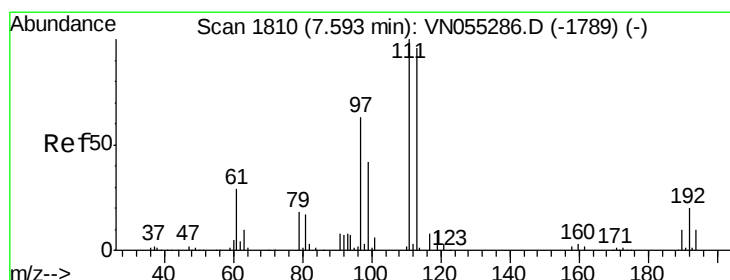
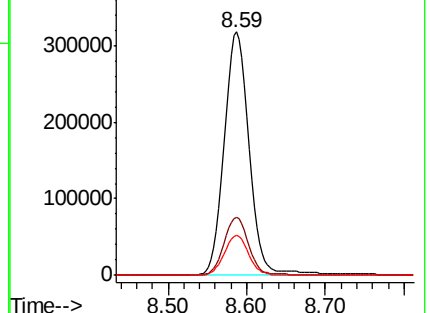
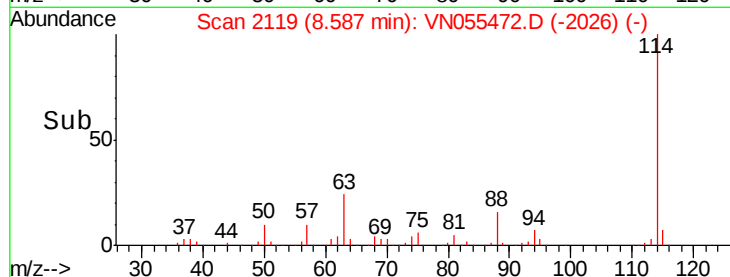
88 16.3 0.0 31.6



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: 47.492 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

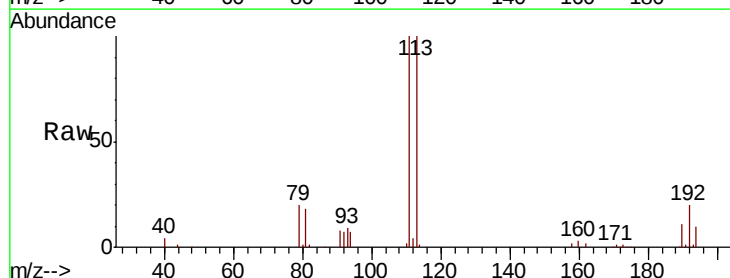
Tgt Ion:113 Resp: 217749

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

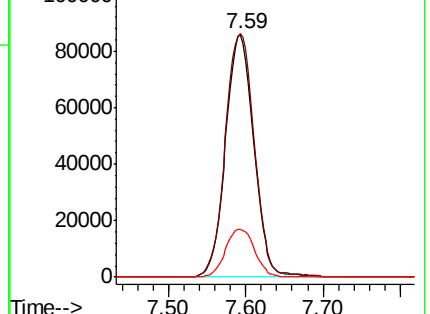
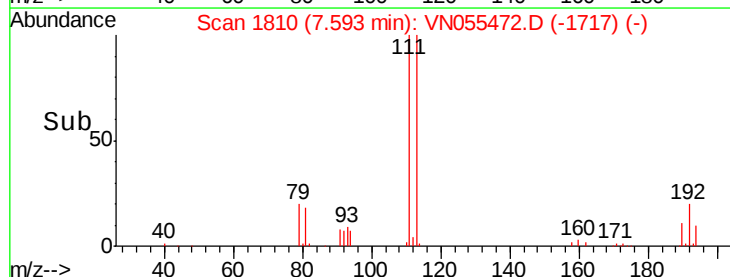
192 20.3 17.0 25.6

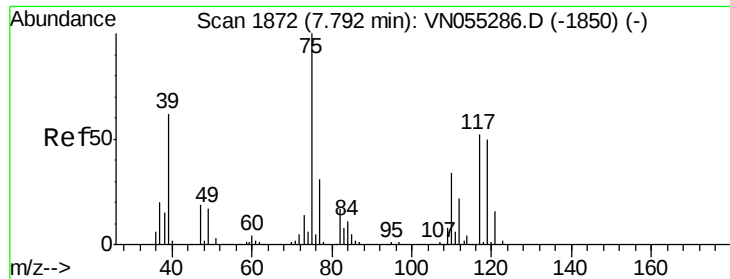


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

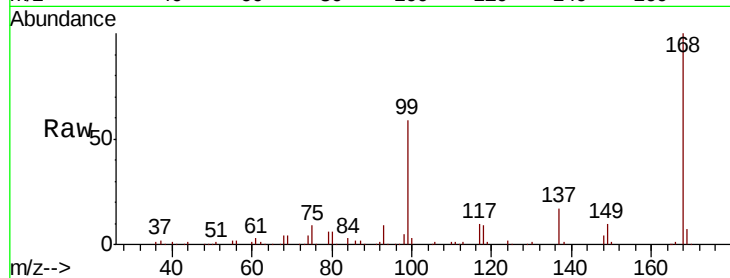




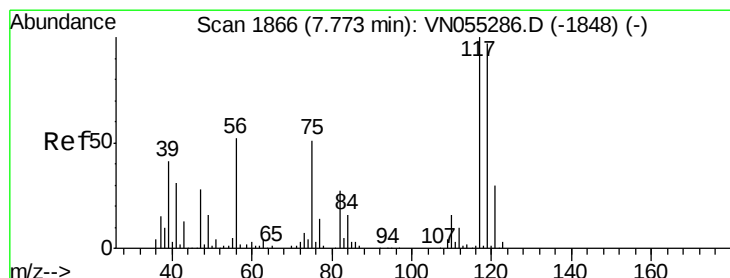
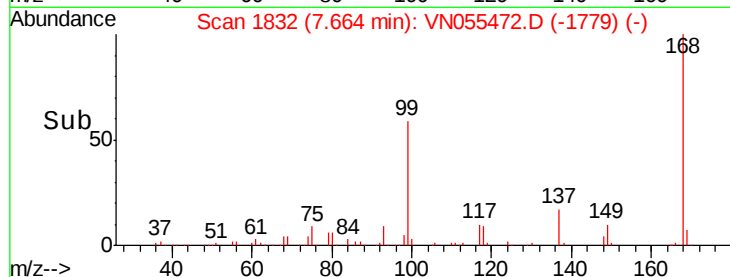
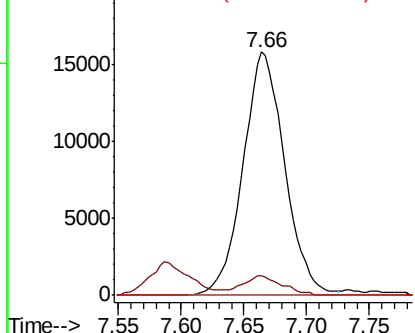
#36
 1,1-Dichloropropene
 Concen: 5.482 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055472.D
 Acq: 8 May 2019 6:36

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01

Tot Ion: 75 Resp: 36678
 Ion Ratio Lower Upper
 75 100
 110 7.7 16.8 50.4#
 77 0.0 25.0 37.6#

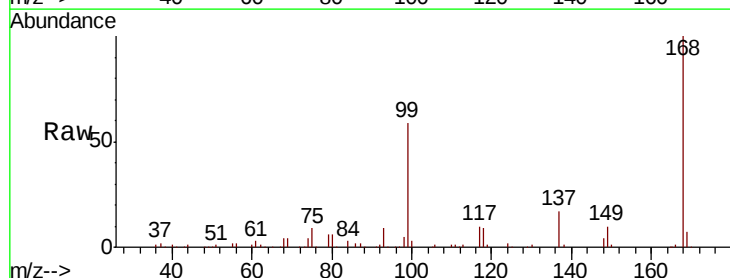


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

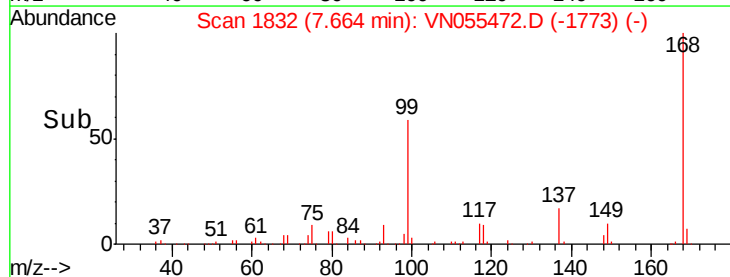
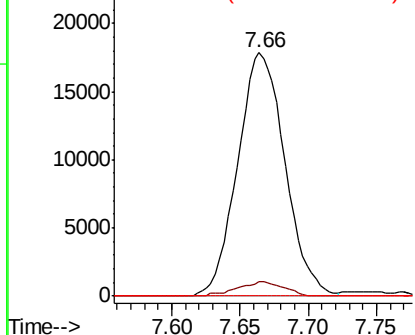


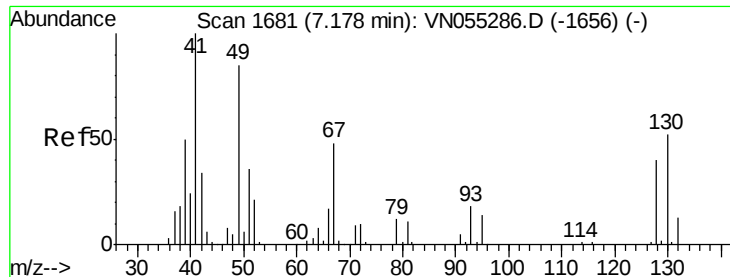
#38
 Carbon Tetrachloride
 Concen: 6.655 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055472.D
 Acq: 8 May 2019 6:36

Tgt Ion: 117 Resp: 42955
 Ion Ratio Lower Upper
 117 100
 119 6.1 77.0 115.6#
 121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

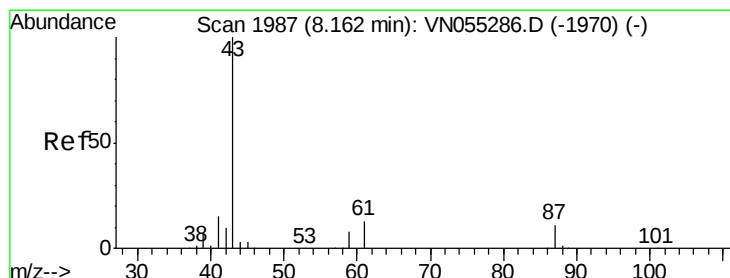
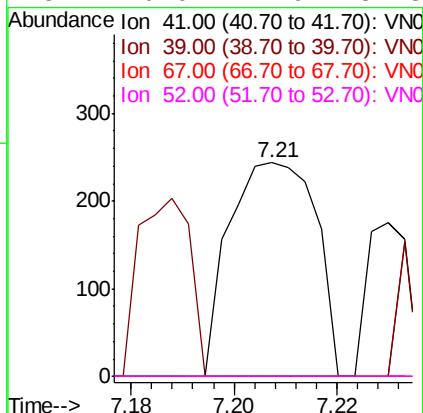
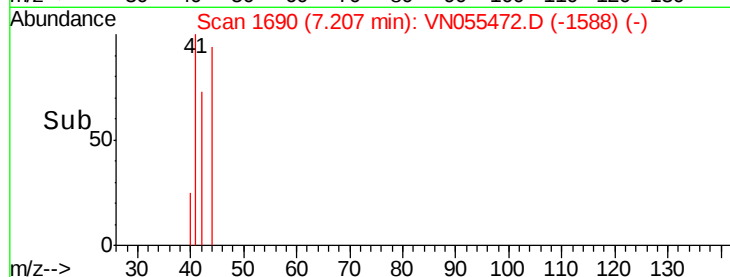
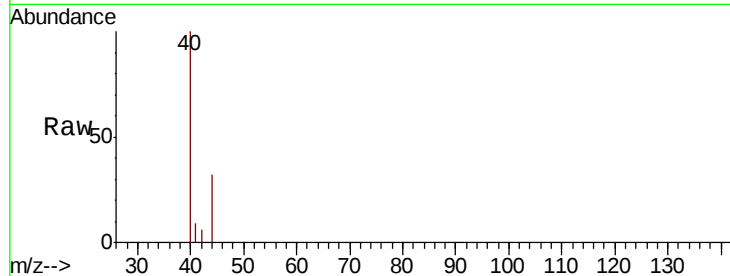




#41
Methacrylonitrile
Concen: 0.840 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.03 min
Lab File: VN055472.D
Acq: 8 May 2019 6:36

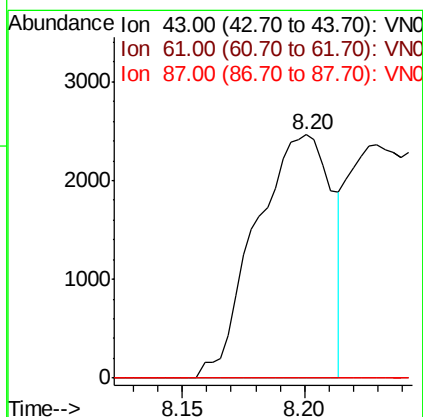
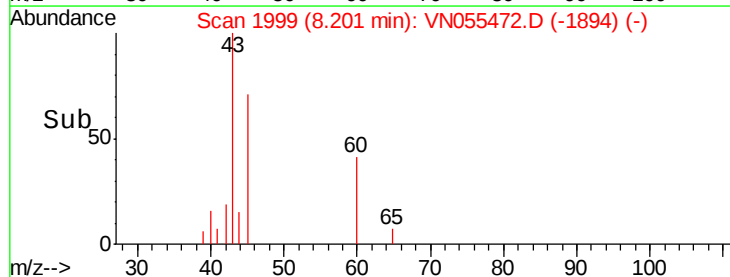
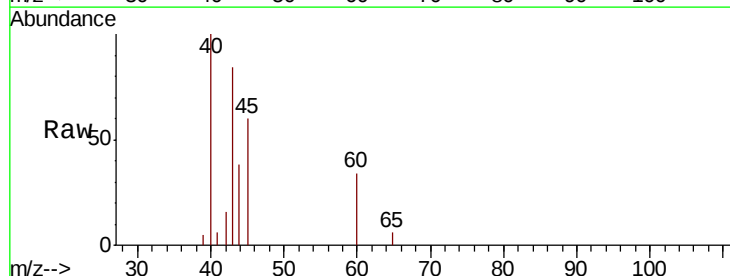
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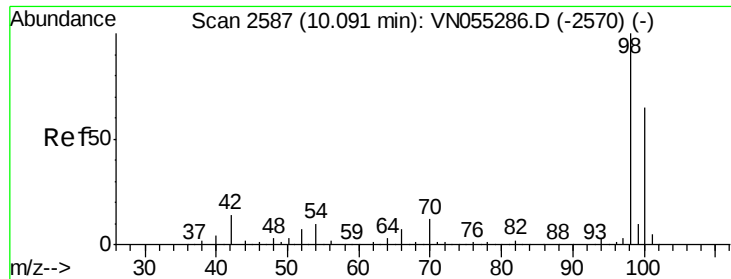
Tot Ion: 41 Resp: 282
Ion Ratio Lower Upper
41 100
39 50.4 48.5 72.7
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 0.647 ug/l
RT: 8.20 min Scan# 1999
Delta R.T. 0.04 min
Lab File: VN055472.D
Acq: 8 May 2019 6:36

Tgt Ion: 43 Resp: 5335
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 8.5 12.7#





#50

Toluene-d8

Concen: 50.254 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

Instrument :

MSVOA_N

ClientSampleId :

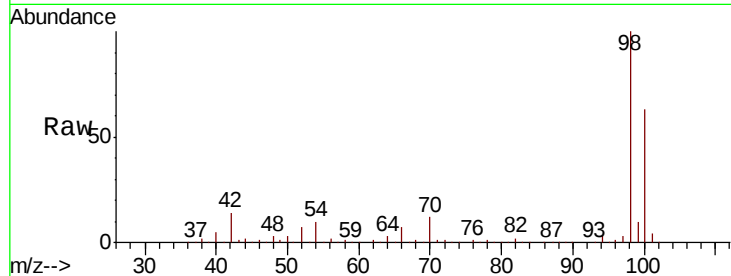
P026-SS002-1218-01

Tot Ion: 98 Resp: 831993

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

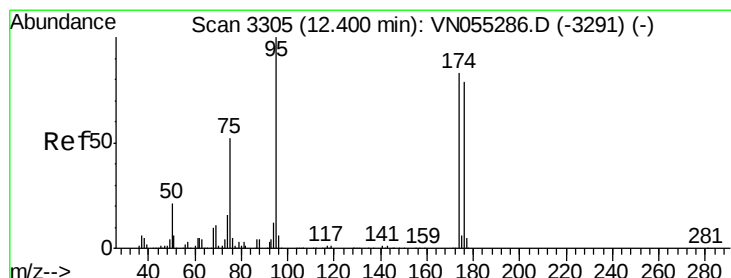
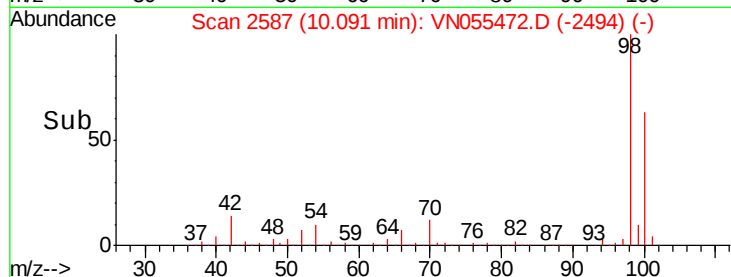
200000

100000

0

Time-->

10.00 10.20



#62

4-Bromofluorobenzene

Concen: 46.674 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

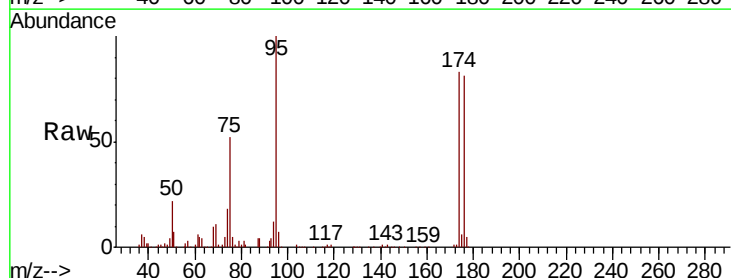
Tgt Ion: 95 Resp: 241506

Ion Ratio Lower Upper

95 100

174 81.8 0.0 166.6

176 79.9 0.0 157.8



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

12.40

150000

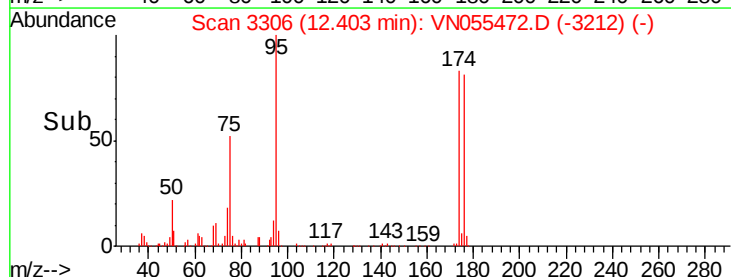
100000

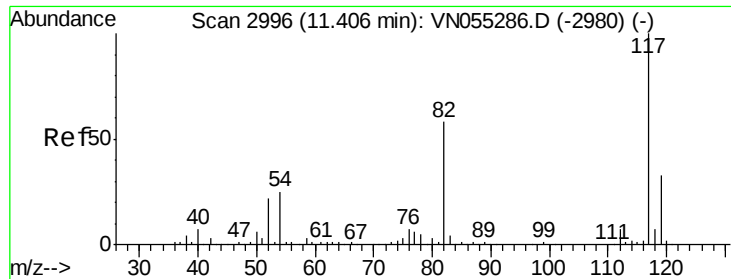
50000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

Instrument :

MSVOA_N

ClientSampleId :

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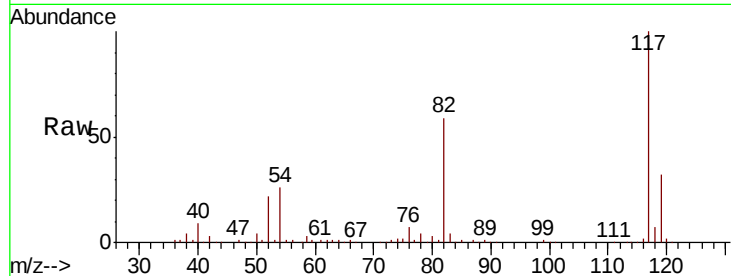
Tot Ion:117 Resp: 566944

Ion Ratio Lower Upper

117 100

82 58.6 46.2 69.4

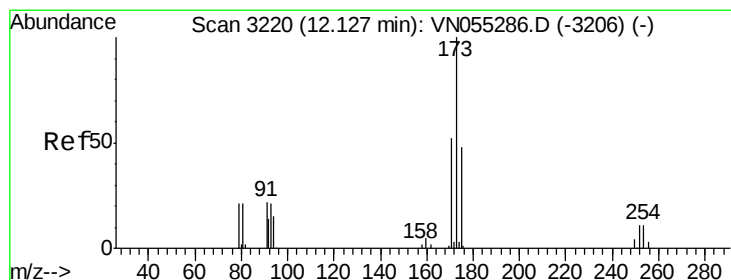
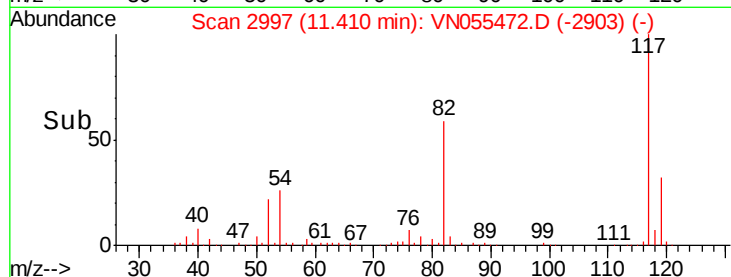
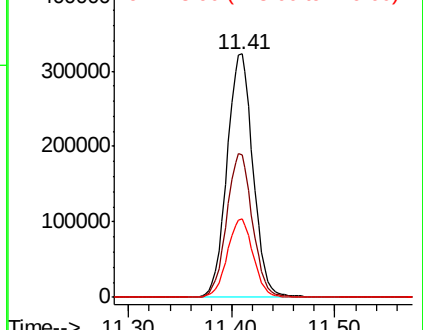
119 32.0 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 1.122 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

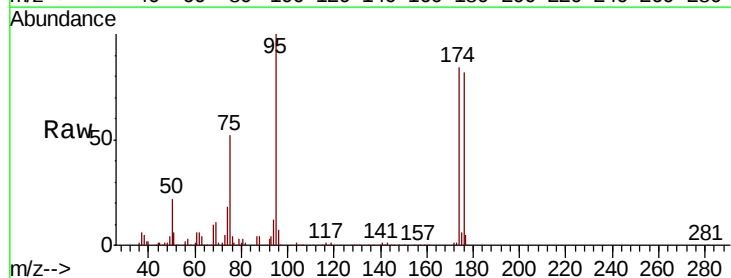
Tgt Ion:173 Resp: 2702

Ion Ratio Lower Upper

173 100

175 499.6 23.6 71.0#

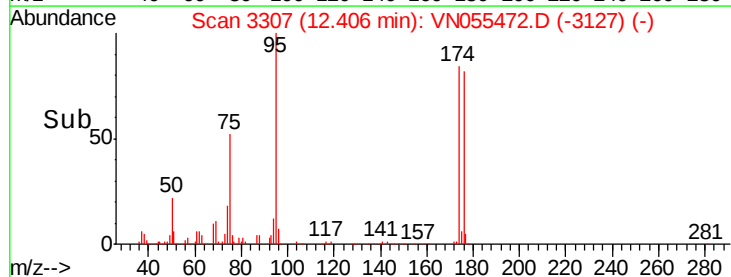
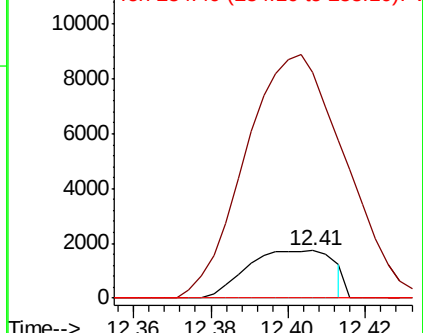
254 0.0 0.0 0.0

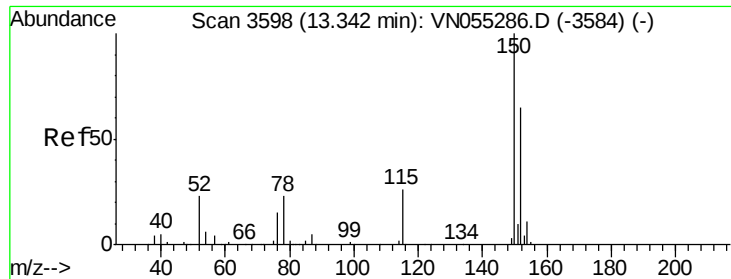


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01

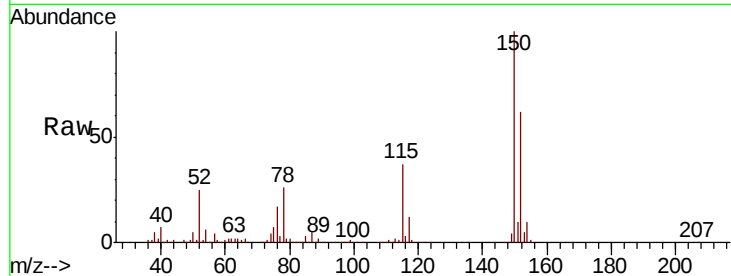
Tot Ion:152 Resp: 182604

Ion Ratio Lower Upper

152 100

115 58.5 29.0 87.0

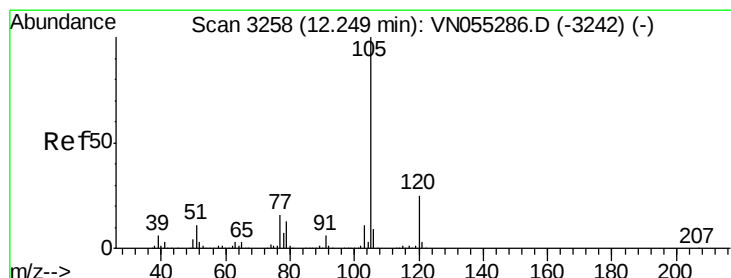
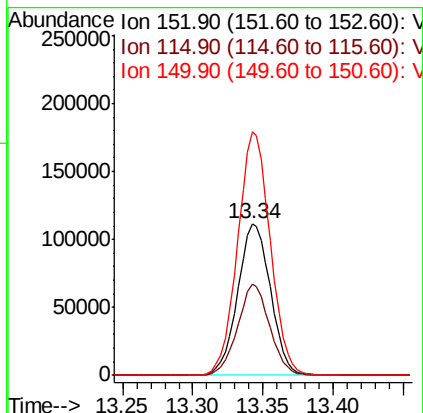
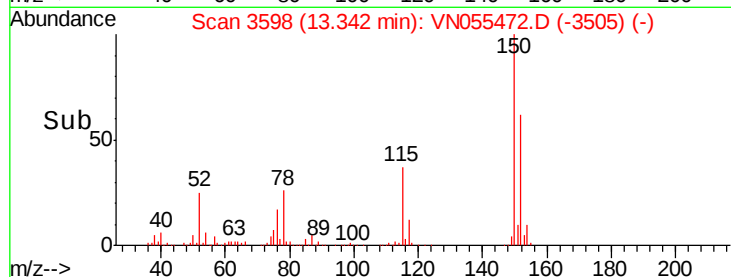
150 159.1 0.0 345.6



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. 0.15 min

Lab File: VN055472.D

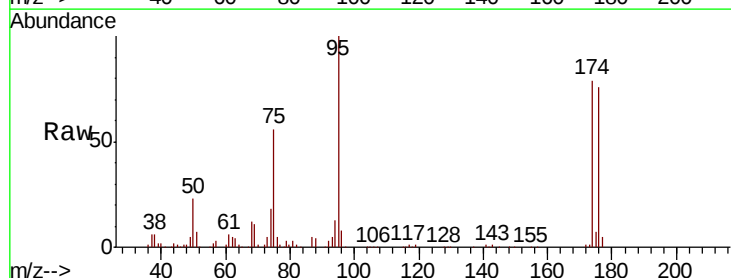
Acq: 8 May 2019 6:36

Tgt Ion:105 Resp: 328

Ion Ratio Lower Upper

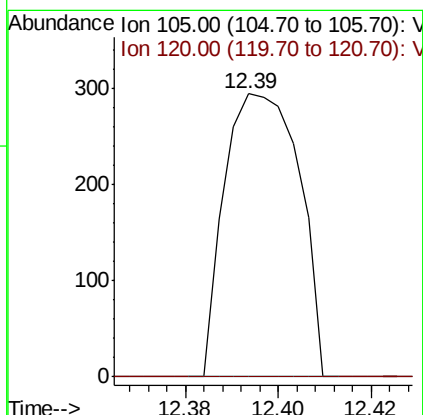
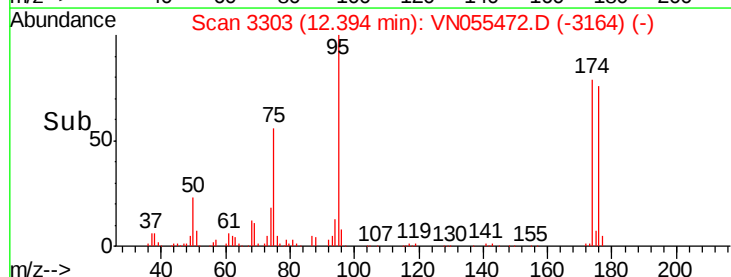
105 100

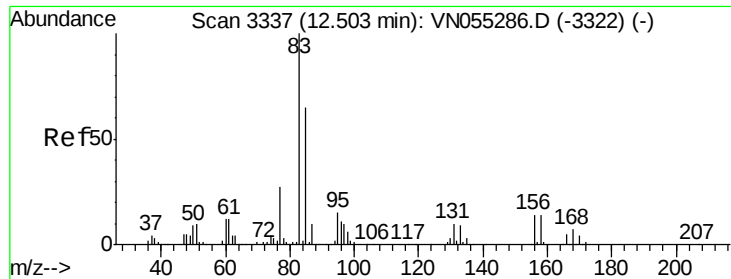
120 0.0 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. -0.11 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01

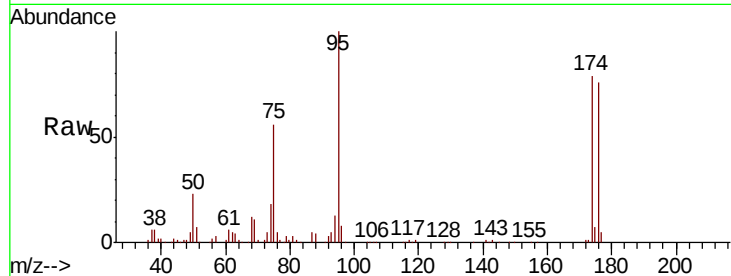
Tot Ion: 83 Resp: 32

Ion Ratio Lower Upper

83 100

131 556.3 5.1 15.2#

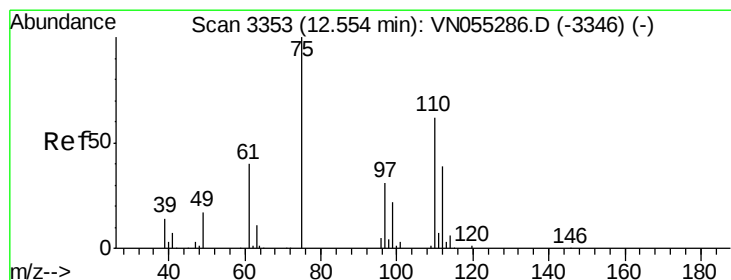
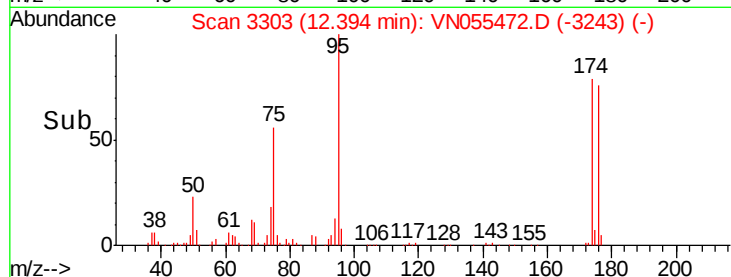
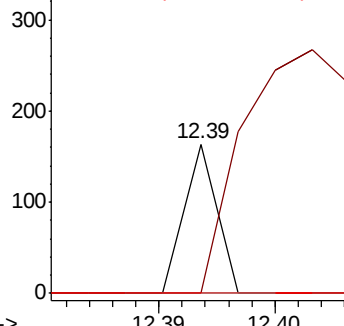
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 37.285 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055472.D

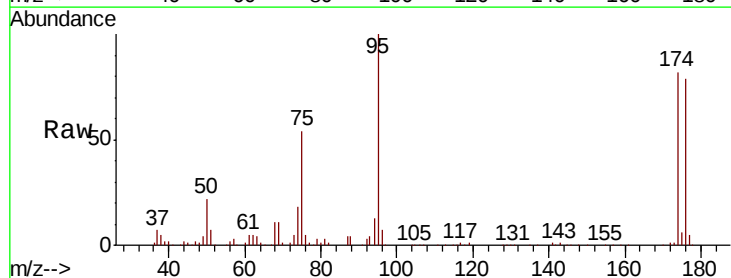
Acq: 8 May 2019 6:36

Tgt Ion: 75 Resp: 128724

Ion Ratio Lower Upper

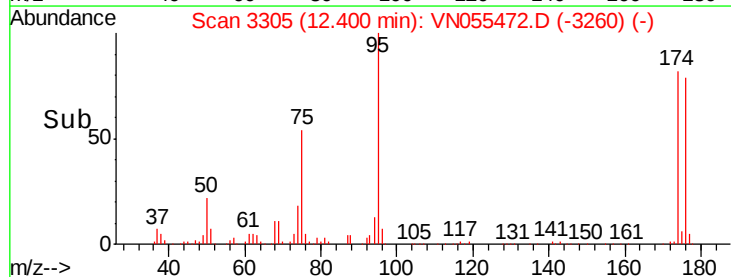
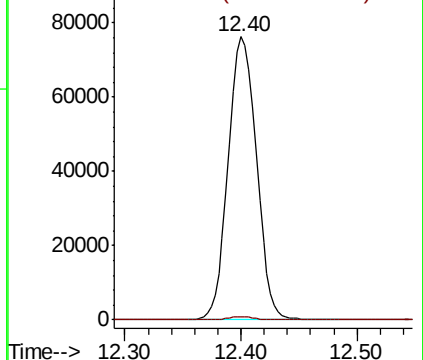
75 100

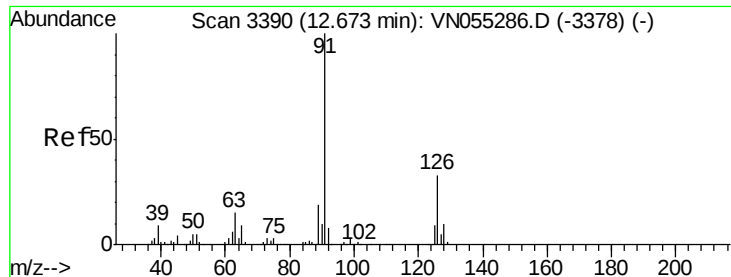
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.60 min Scan# 3366

Delta R.T. -0.08 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

Instrument :

MSVOA_N

ClientSampleId :

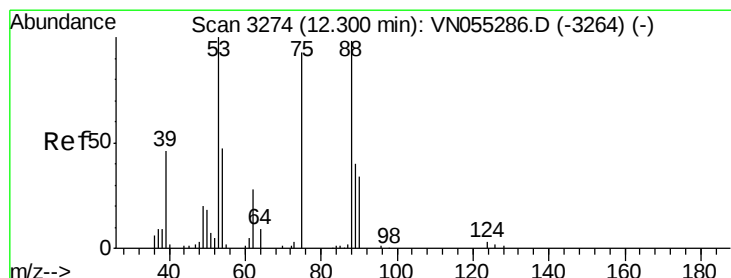
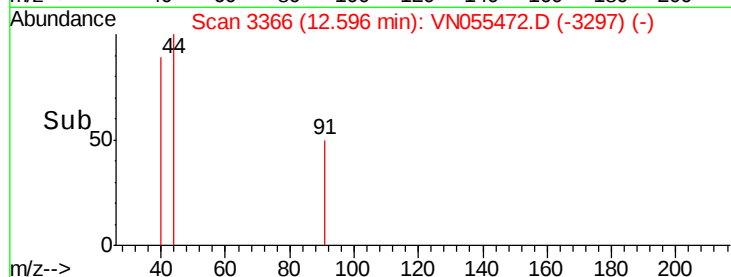
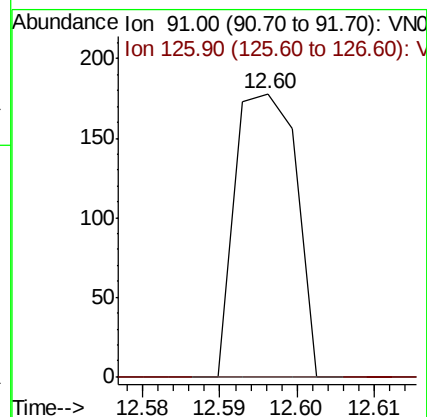
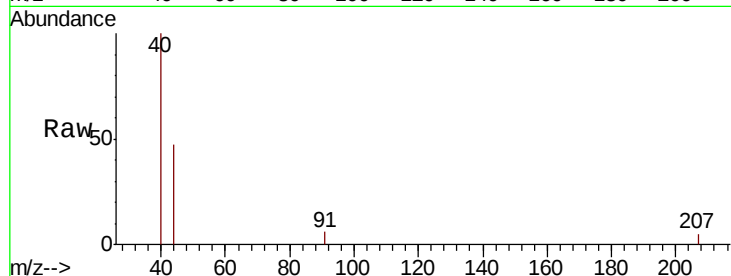
P026-SS002-1218-01

Tot Ion: 91 Resp: 98

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.590 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055472.D

Acq: 8 May 2019 6:36

Tgt Ion: 75 Resp: 128724

Ion Ratio Lower Upper

75 100

53 0.1 86.3 129.5#

89 0.0 34.6 51.8#

