

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056250.D
 Acq On : 12 Jun 2019 15:49
 Operator : JC/SP
 Sample : PB120522TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120522TB

Quant Time: Jun 13 04:33:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	286047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	427389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	443839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141302	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	145565	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
35) Dibromofluoromethane	7.59	113	136239	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
50) Toluene-d8	10.09	98	543956	53.91	ug/l	0.00
Spiked Amount			Recovery	=	107.82%	
62) 4-Bromofluorobenzene	12.40	95	175011	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	63	0.375	ug/l #	42
13) Acrolein	3.60	56	30	0.210	ug/l #	15
16) Acetone	3.82	43	11183	8.233	ug/l	92
18) Methyl Acetate	4.33	43	2552	0.383	ug/l #	59
20) Methylene Chloride	4.54	84	4238	1.514	ug/l #	87
25) 2-Butanone	6.87	43	1500	0.874	ug/l #	47
29) Tetrahydrofuran	7.21	42	389	0.367	ug/l #	50
31) Cyclohexane	7.66	56	3832	0.850	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	16216	4.413	ug/l #	48
37) Ethyl Acetate	6.87	43	1500	0.459	ug/l #	67
38) Carbon Tetrachloride	7.66	117	23795	7.023	ug/l #	15
41) Methacrylonitrile	7.23	41	466	0.310	ug/l #	21
43) Isopropyl Acetate	8.17	43	9694	1.830	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	1319	0.461	ug/l #	44
48) Methyl methacrylate	9.18	41	6033	2.327	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	4051	1.223	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	42279	10.381	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	9726	2.175	ug/l #	42
59) 2-Hexanone	10.76	43	124677	51.915	ug/l #	52
60) Dibromochloromethane	10.63	129	152	2.499	ug/l #	11
71) Bromoform	12.40	173	1441	3.274	ug/l #	1
73) Isopropylbenzene	12.25	105	676	Below Cal	#	67
74) N-ethyl acetate	12.06	43	1008	0.268	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	78497	30.191	ug/l #	100
79) 2-Chlorotoluene	12.67	91	702	Below Cal		91
80) 1,3,5-Trimethylbenzene	12.73	105	6924	0.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	78497	100.542	ug/l #	15
83) tert-Butylbenzene	12.99	119	702	Below Cal	#	69
93) 1,2,4-Trichlorobenzene	14.91	180	908	4.589	ug/l	87
94) Hexachlorobutadiene	15.01	225	426	Below Cal		80
95) Naphthalene	15.14	128	3492	4.328	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.32	180	1445	3.542	ug/l	92

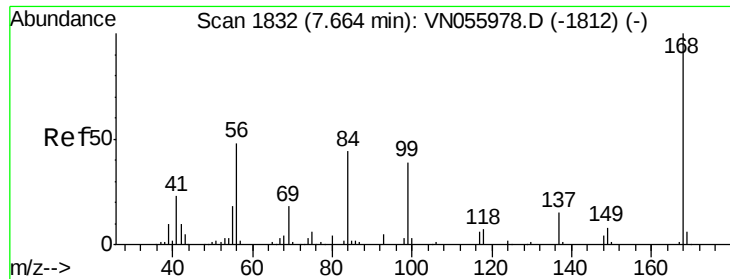
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
Data File : VN056250.D
Acq On : 12 Jun 2019 15:49
Operator : JC/SP
Sample : PB120522TB
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Jun 13 04:33:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampled :

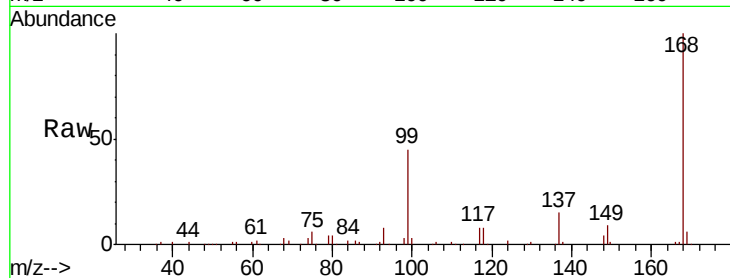
PB120522TB

Tot Ion:168 Resp: 286047

Ion Ratio Lower Upper

168 100

99 44.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

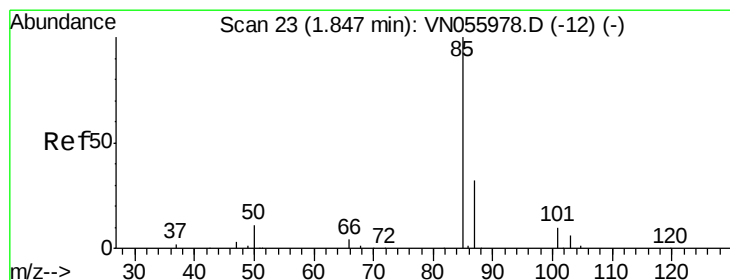
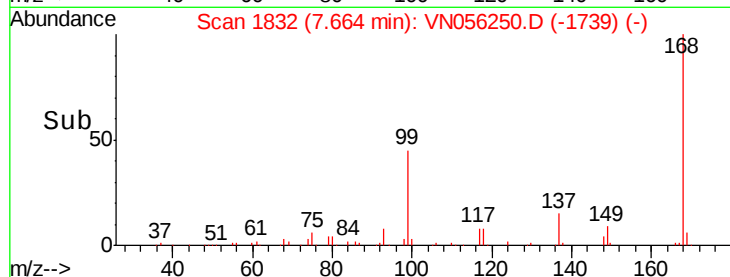
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.375 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.01 min

Lab File: VN056250.D

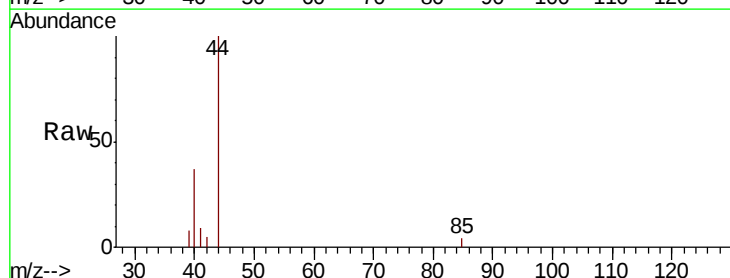
Acq: 12 Jun 2019 15:49

Tgt Ion: 85 Resp: 63

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200

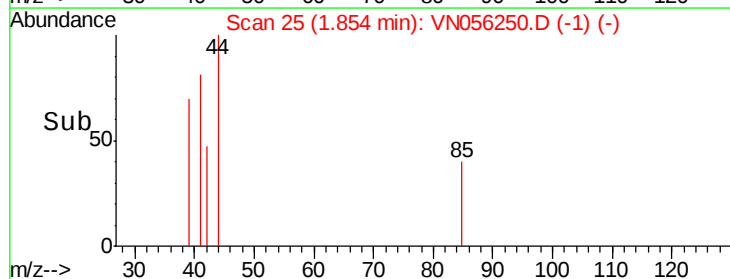
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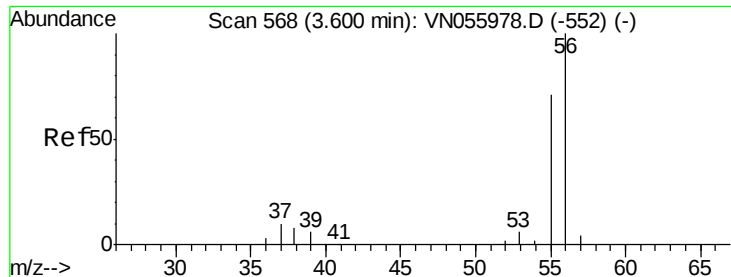
100

50

0

Time-->





#13

Acrolein

Concen: 0.210 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

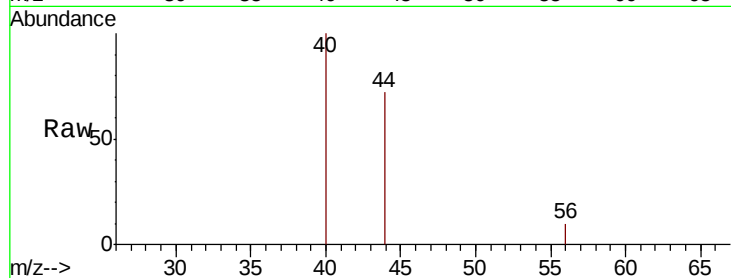
PB120522TB

Tot Ion: 56 Resp: 30

Ion Ratio Lower Upper

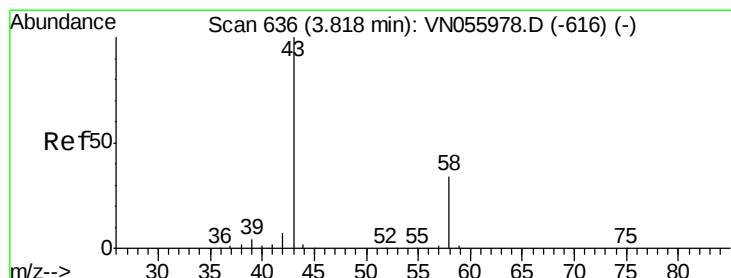
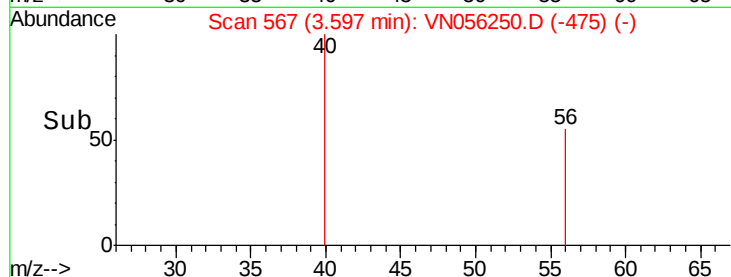
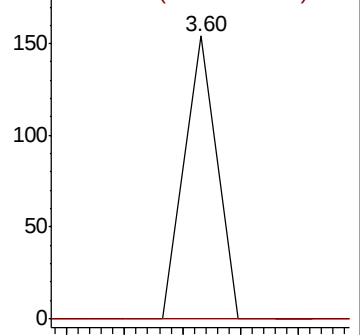
56 100

55 0.0 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 8.233 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056250.D

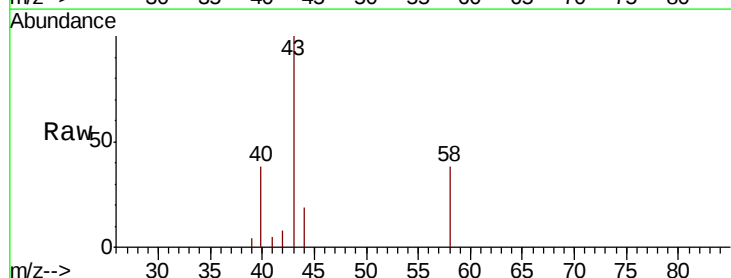
Acq: 12 Jun 2019 15:49

Tgt Ion: 43 Resp: 11183

Ion Ratio Lower Upper

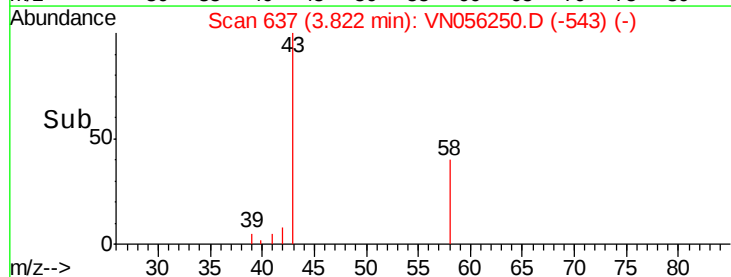
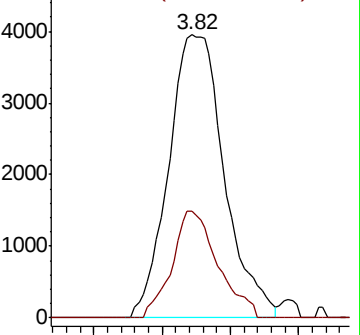
43 100

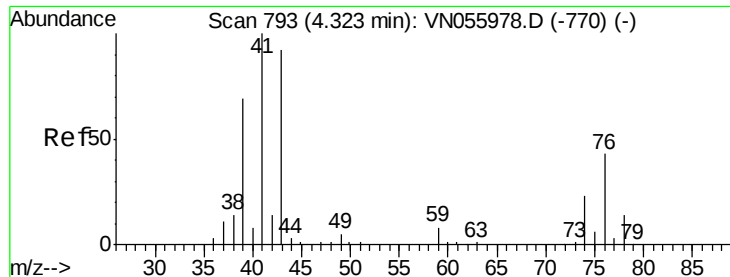
58 37.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

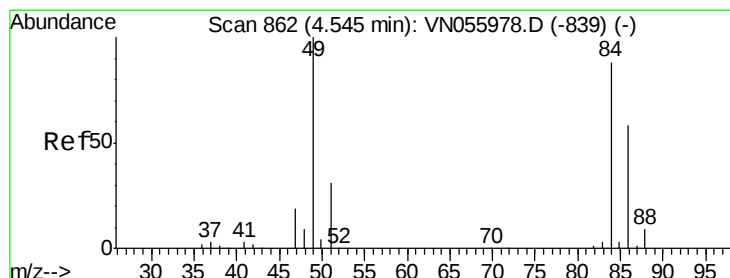
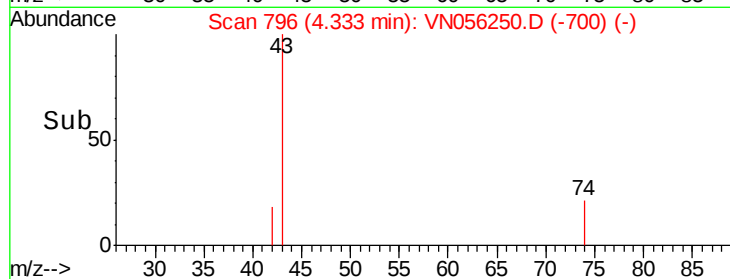
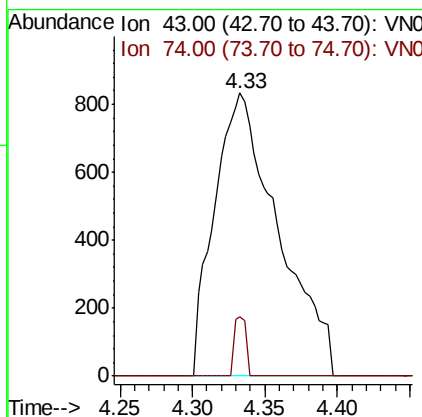
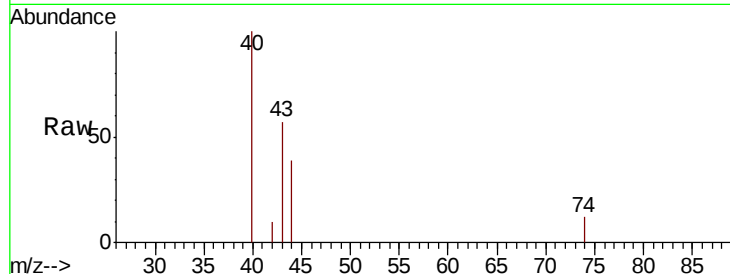




#18
Methyl Acetate
Concen: 0.383 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

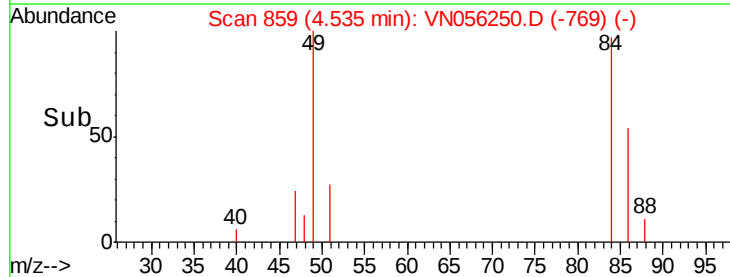
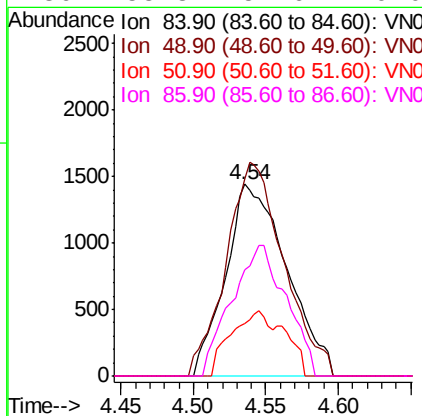
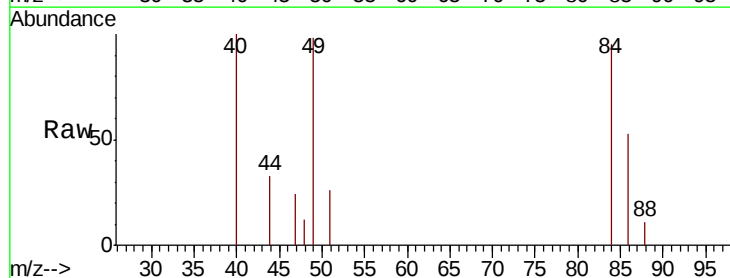
Instrument :
MSVOA_N
ClientSampled :
PB120522TB

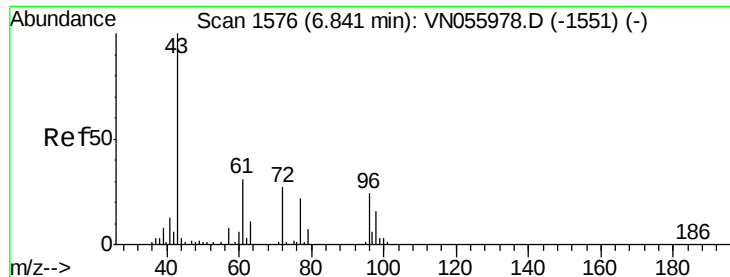
Tot Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
74 3.8 19.3 28.9#



#20
Methylene Chloride
Concen: 1.514 ug/l
RT: 4.54 min Scan# 859
Delta R.T. -0.01 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

Tgt Ion: 84 Resp: 4238
Ion Ratio Lower Upper
84 100
49 103.0 93.5 140.3
51 27.4 28.6 43.0#
86 55.8 52.6 79.0

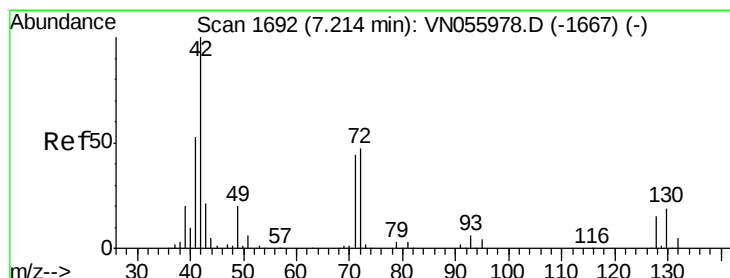
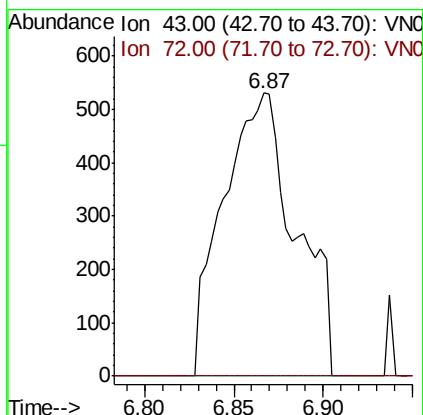
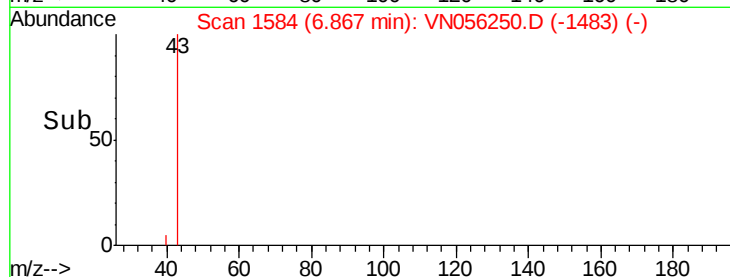
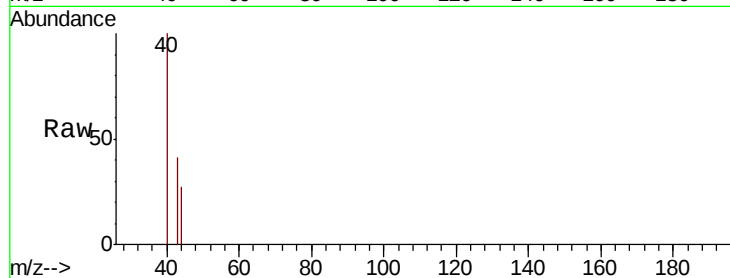




#25
2-Butanone
Concen: 0.874 ug/l
RT: 6.87 min Scan# 1584
Delta R.T. 0.03 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

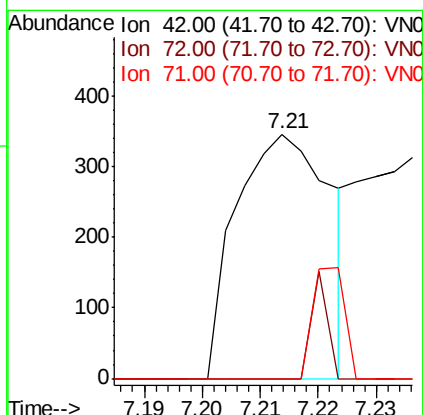
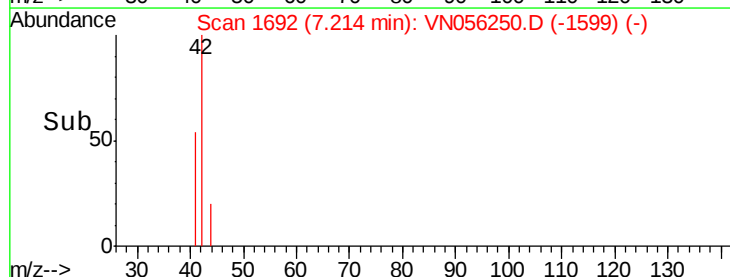
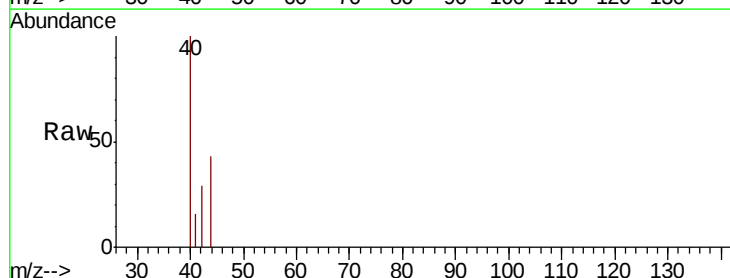
Instrument :
MSVOA_N
ClientSampled :
PB120522TB

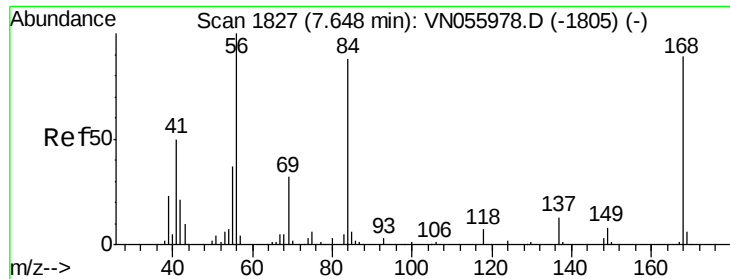
Tot Ion: 43 Resp: 1500
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#29
Tetrahydrofuran
Concen: 0.367 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

Tgt Ion: 42 Resp: 389
Ion Ratio Lower Upper
42 100
72 7.5 35.9 53.9#
71 15.4 34.0 51.0#

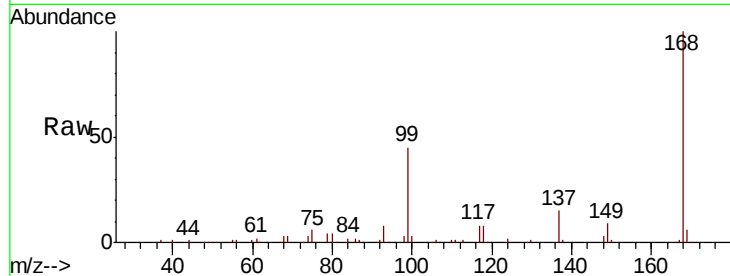




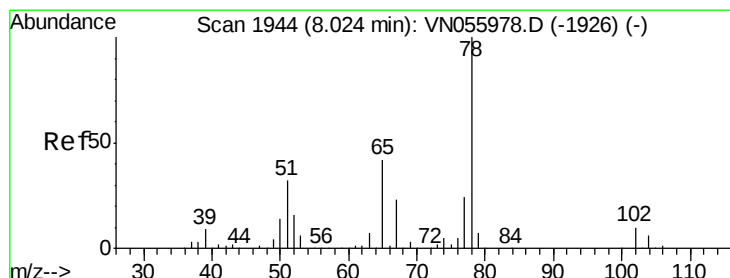
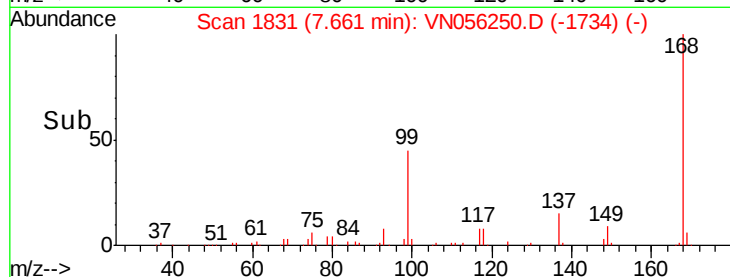
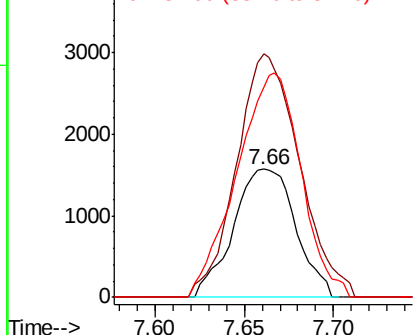
#31
Cyclohexane
Concen: 0.850 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

Instrument :
MSVOA_N
ClientSampleId :
PB120522TB

Tot Ion: 56 Resp: 3832
Ion Ratio Lower Upper
56 100
69 190.1 25.6 38.4#
84 164.6 67.4 101.0#

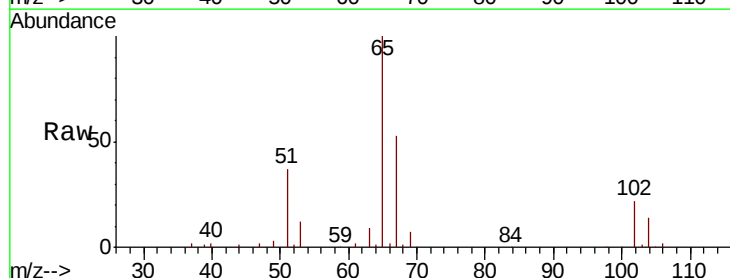


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

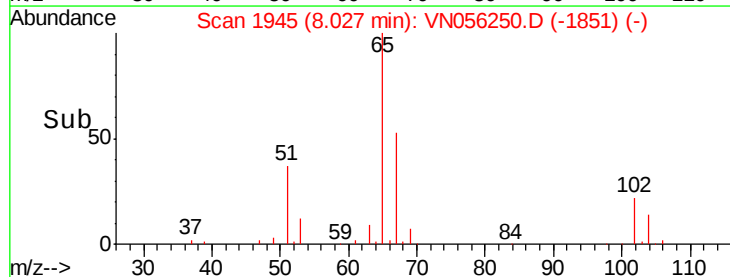
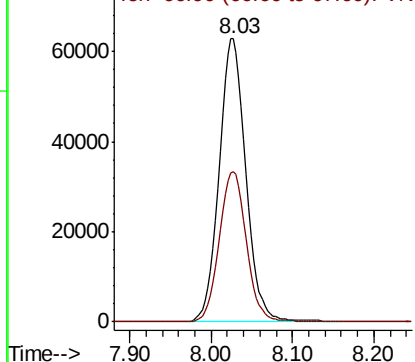


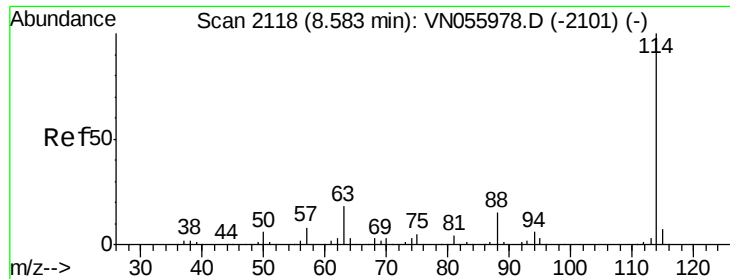
#33
1,2-Dichloroethane-d4
Concen: 51.252 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

Tgt Ion: 65 Resp: 145565
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.2



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

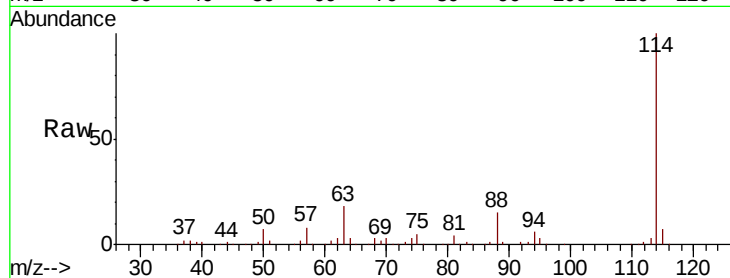




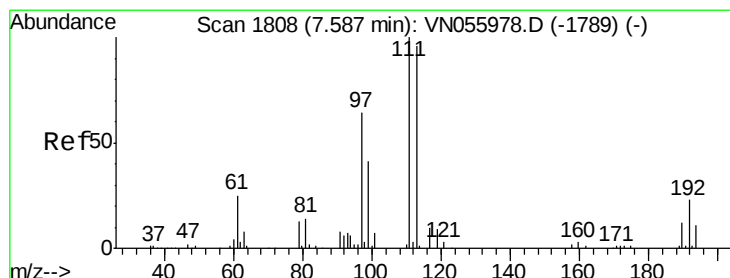
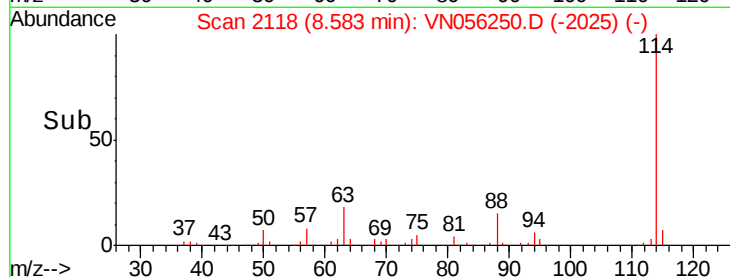
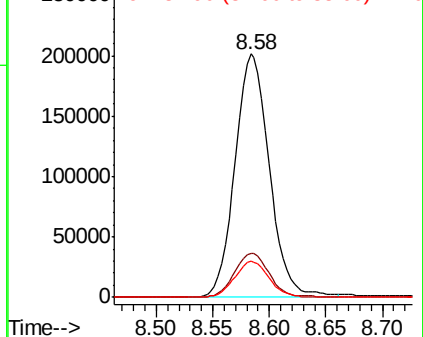
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

Instrument :
MSVOA_N
ClientSampleId :
PB120522TB

Tot Ion:114 Resp: 427389
Ion Ratio Lower Upper
114 100
63 18.1 0.0 39.2
88 14.8 0.0 31.0

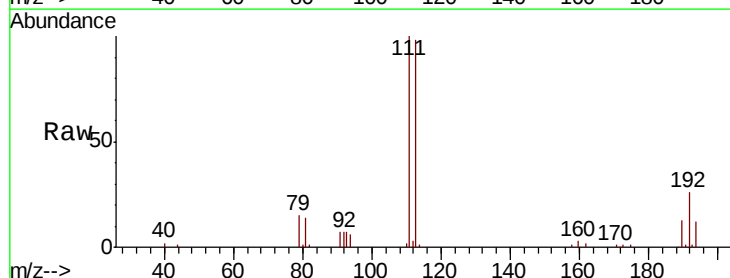


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

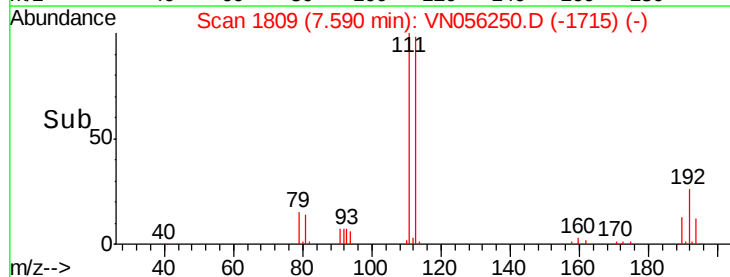
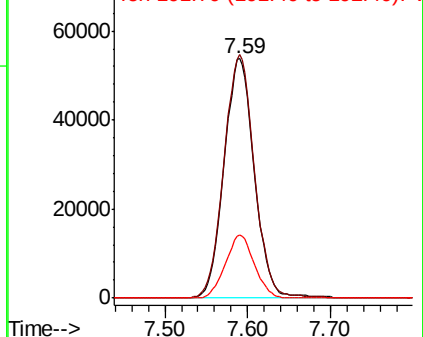


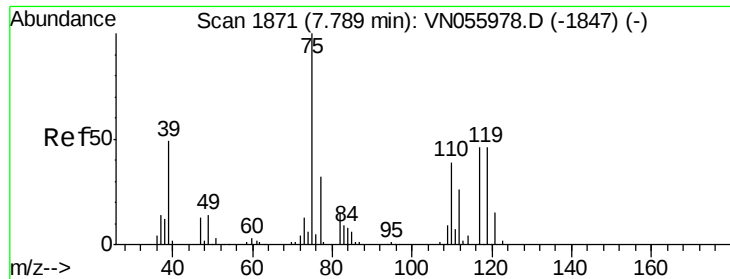
#35
Dibromofluoromethane
Concen: 51.957 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

Tgt Ion:113 Resp: 136239
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 25.2 19.5 29.3



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

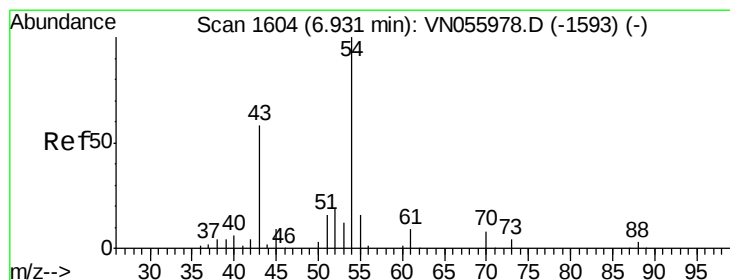
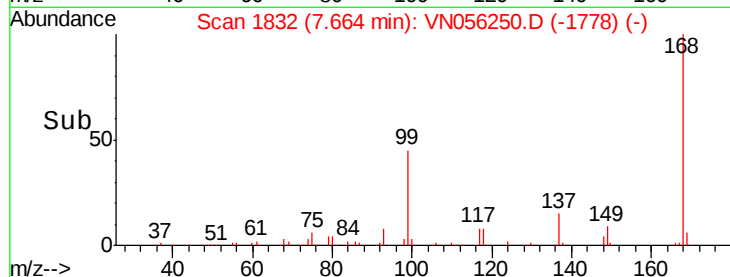
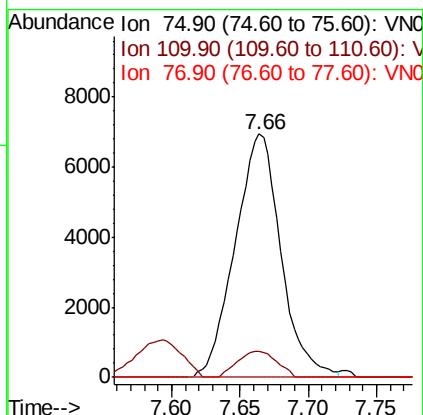
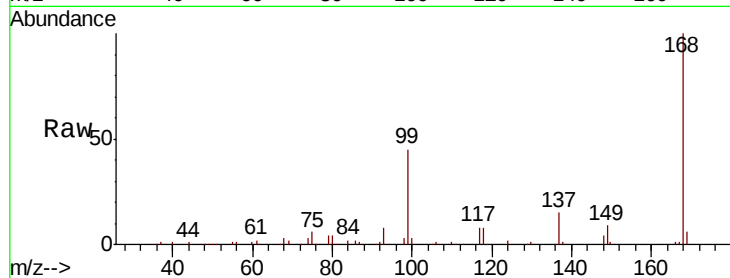




#36
 1,1-Dichloropropene
 Concen: 4.413 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056250.D
 Acq: 12 Jun 2019 15:49

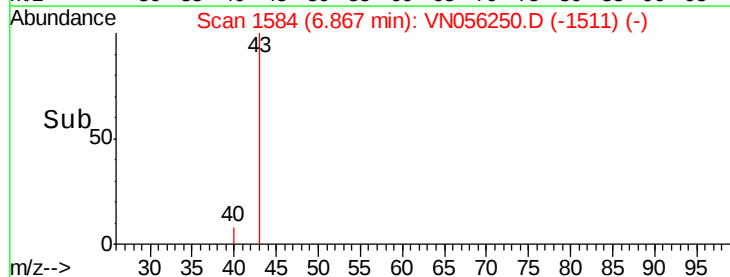
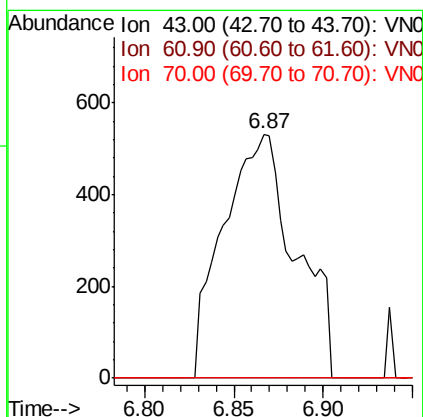
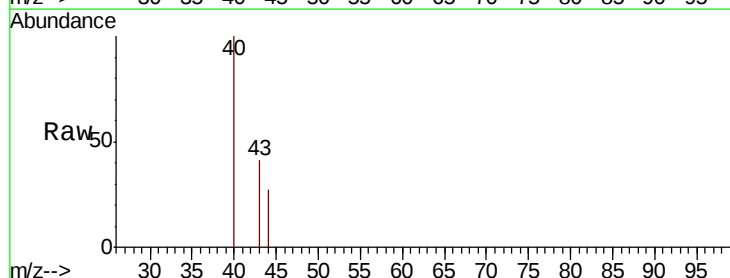
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120522TB

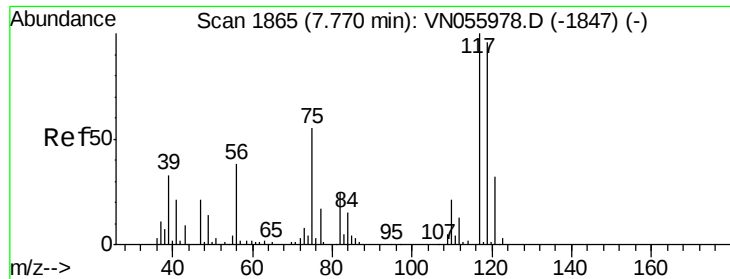
Tot Ion: 75 Resp: 16216
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.0 57.0#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 0.459 ug/l
 RT: 6.87 min Scan# 1584
 Delta R.T. -0.06 min
 Lab File: VN056250.D
 Acq: 12 Jun 2019 15:49

Tgt Ion: 43 Resp: 1500
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.2 18.2#
 70 0.0 8.9 13.3#

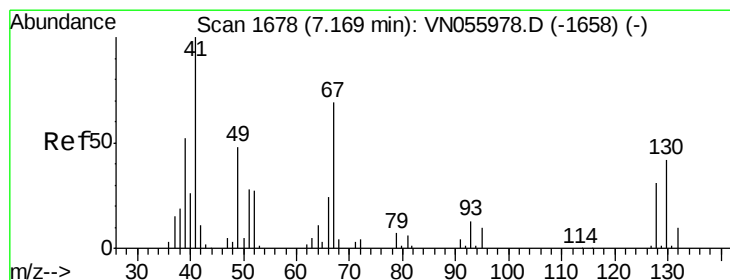
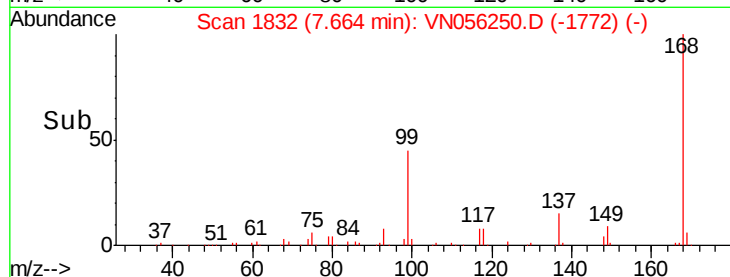
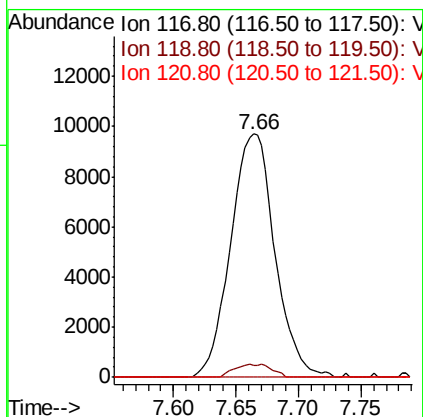
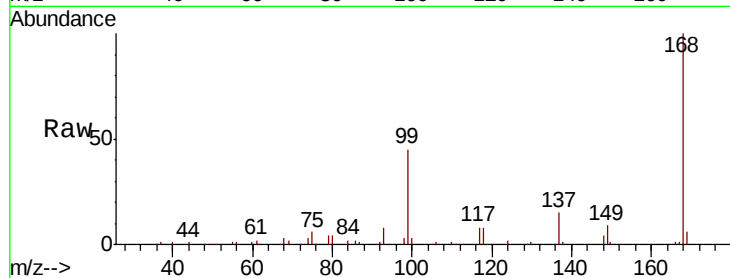




#38
Carbon Tetrachloride
Concen: 7.023 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

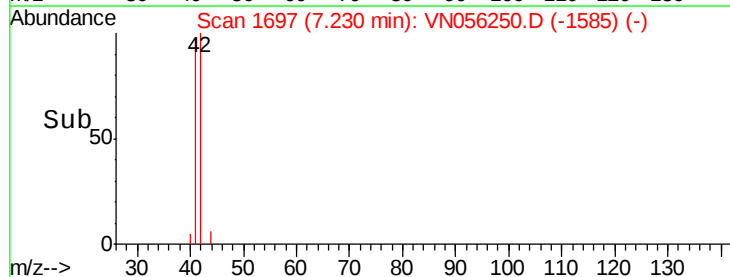
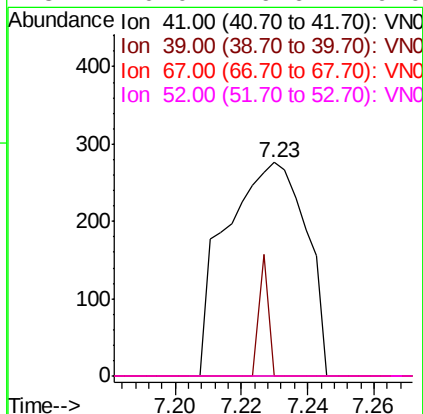
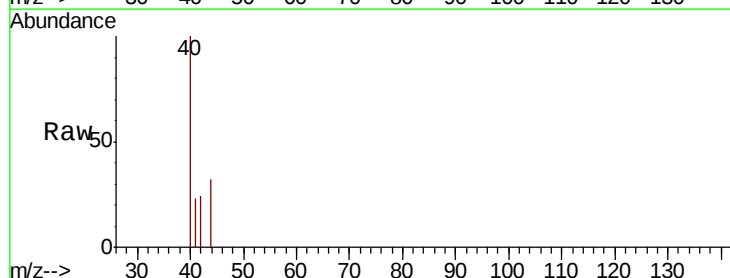
Instrument :
MSVOA_N
ClientSampleId :
PB120522TB

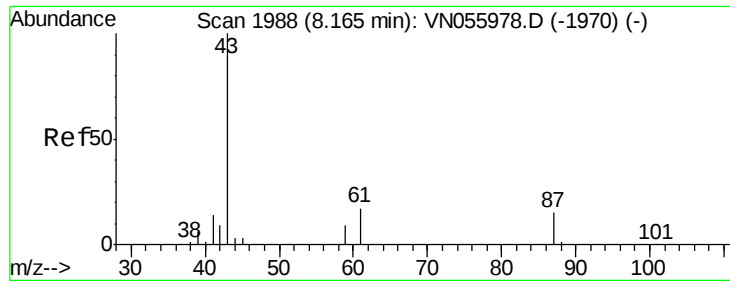
Tot Ion:117 Resp: 23795
Ion Ratio Lower Upper
117 100
119 4.9 79.0 118.6#
121 0.0 24.7 37.1#



#41
Methacrylonitrile
Concen: 0.310 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.06 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

Tgt Ion: 41 Resp: 466
Ion Ratio Lower Upper
41 100
39 6.4 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#





#43

Isopropyl Acetate

Concen: 1.830 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

PB120522TB

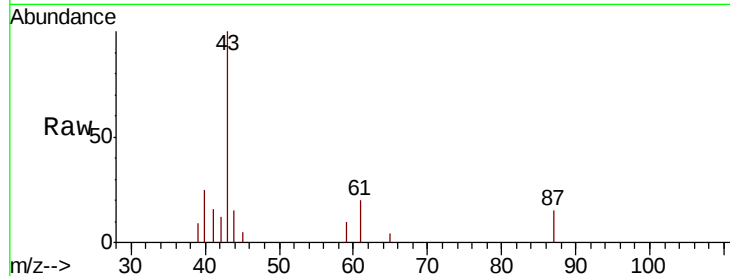
Tot Ion: 43 Resp: 9694

Ion Ratio Lower Upper

43 100

61 19.1 22.2 33.4#

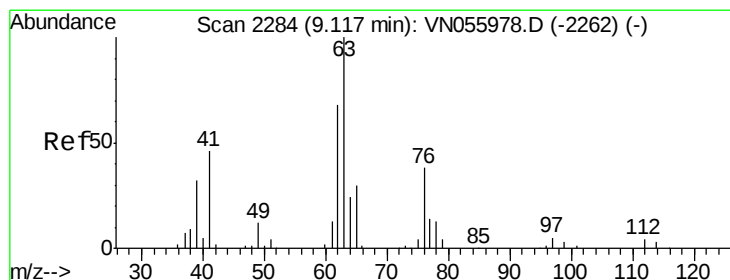
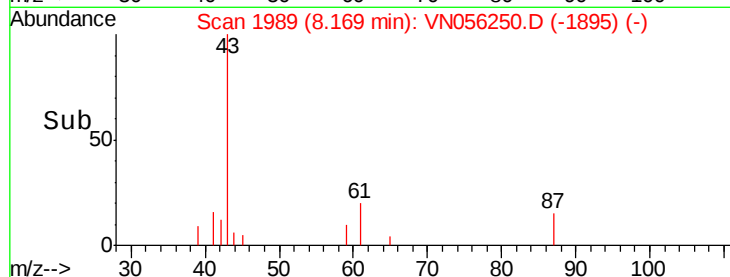
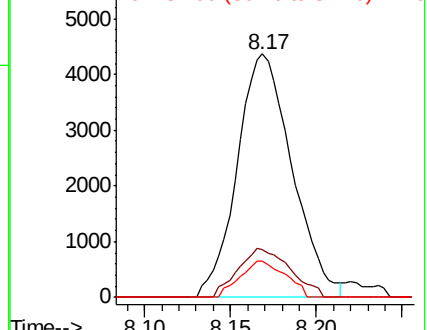
87 12.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN056250.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN056250.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN056250.D (-1895) (-)



#45

1,2-Dichloropropane

Concen: 0.461 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056250.D

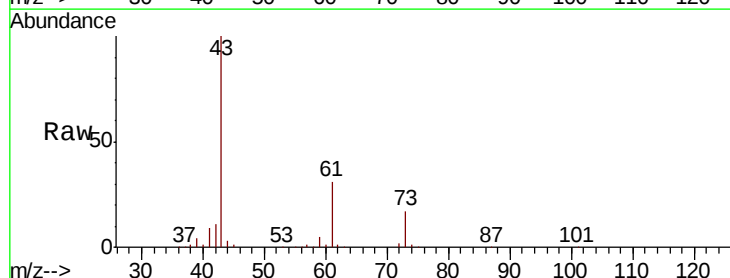
Acq: 12 Jun 2019 15:49

Tgt Ion: 63 Resp: 1319

Ion Ratio Lower Upper

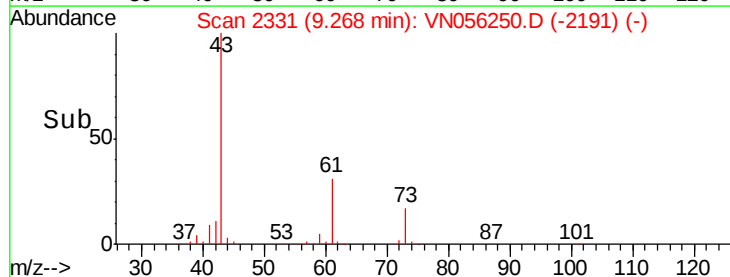
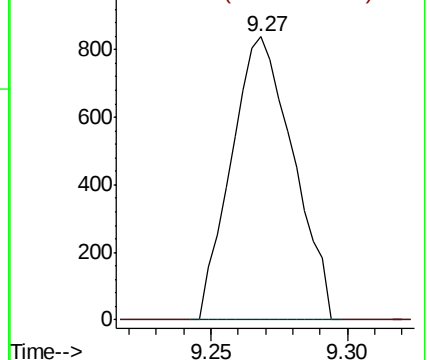
63 100

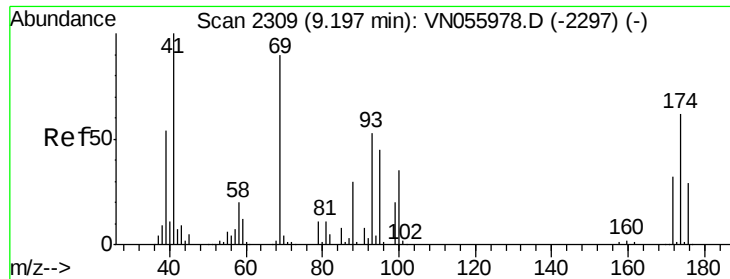
65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN056250.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN056250.D (-2191) (-)

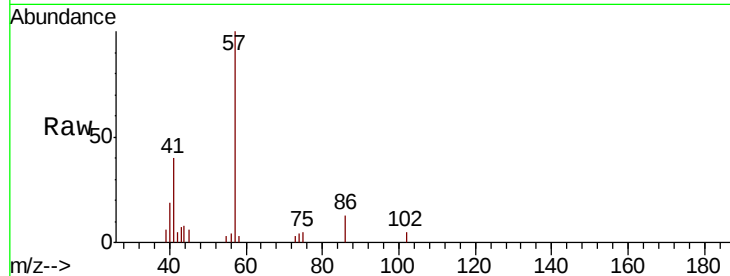




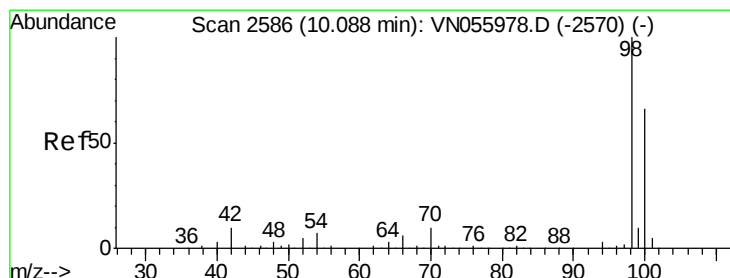
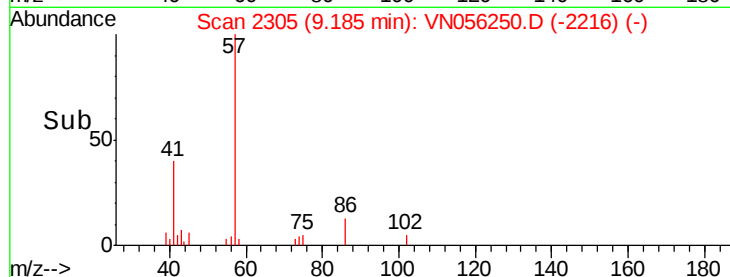
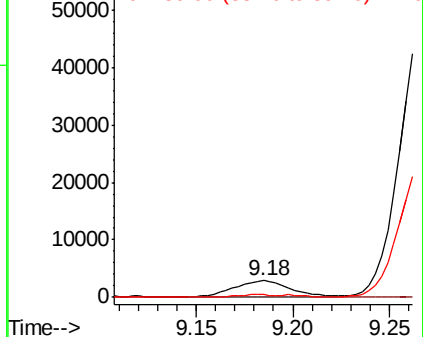
#48
Methvl methacrylate
Concen: 2.327 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

Instrument :
MSVOA_N
ClientSampled :
PB120522TB

Tot Ion: 41 Resp: 6033
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 0.0 44.2 66.2#

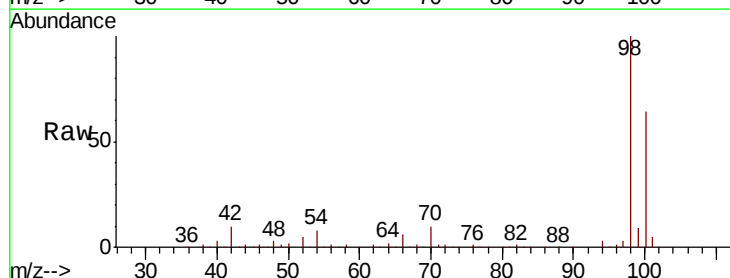


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

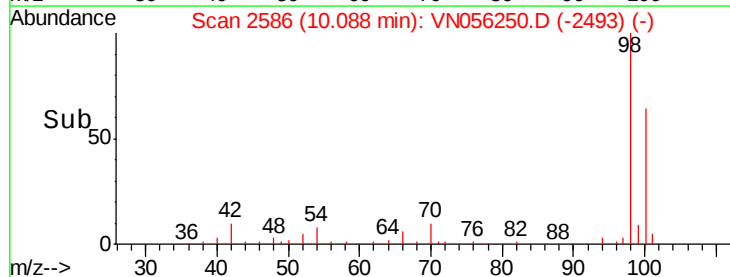
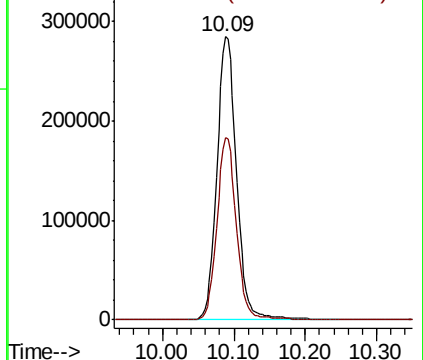


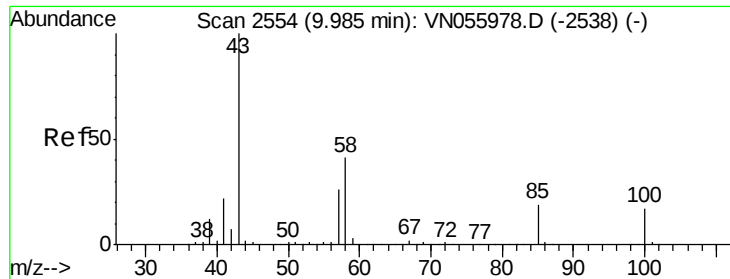
#50
Toluene-d8
Concen: 53.910 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

Tgt Ion: 98 Resp: 543956
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



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: 1.223 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampled :

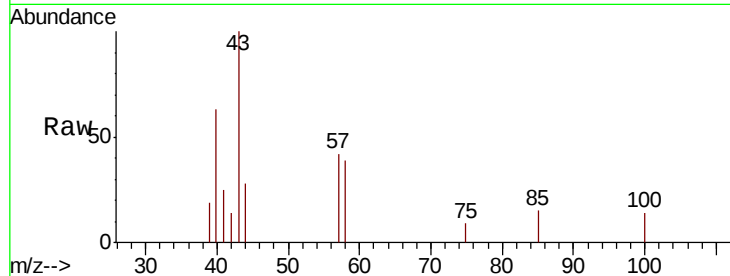
PB120522TB

Tot Ion: 43 Resp: 4051

Ion Ratio Lower Upper

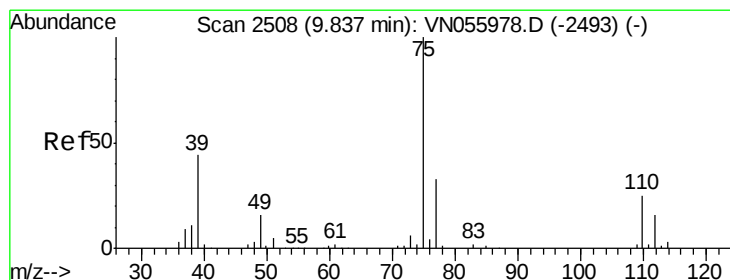
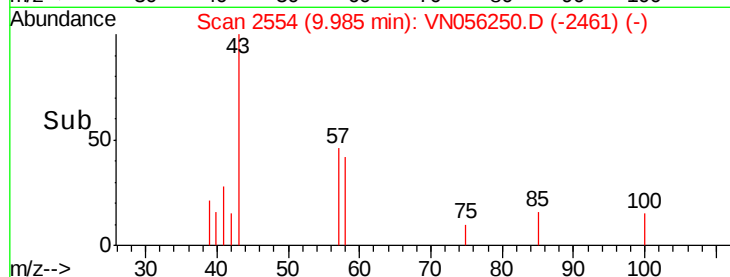
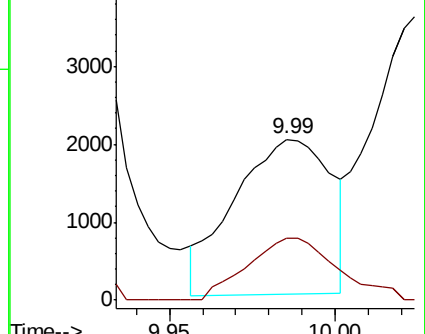
43 100

58 37.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 10.381 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

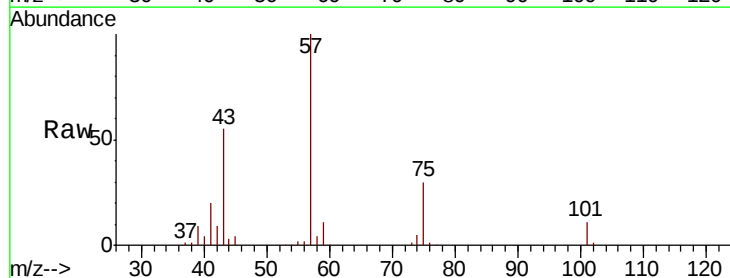
Tgt Ion: 75 Resp: 42279

Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

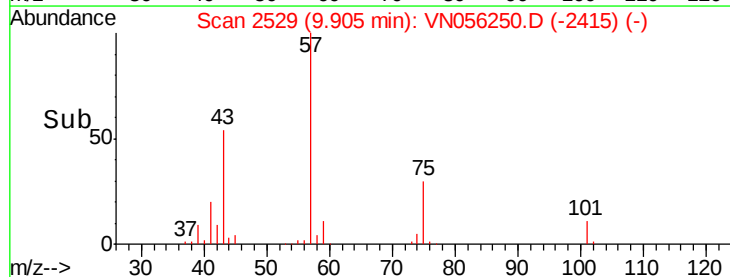
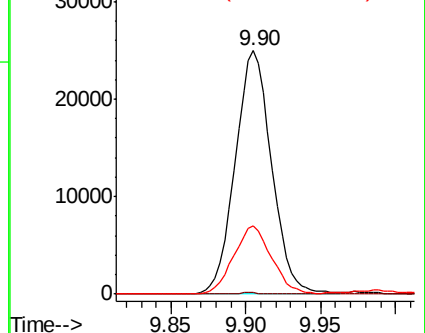
39 28.0 36.3 54.5#

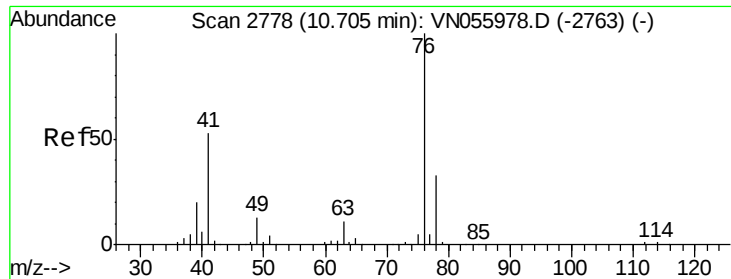


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

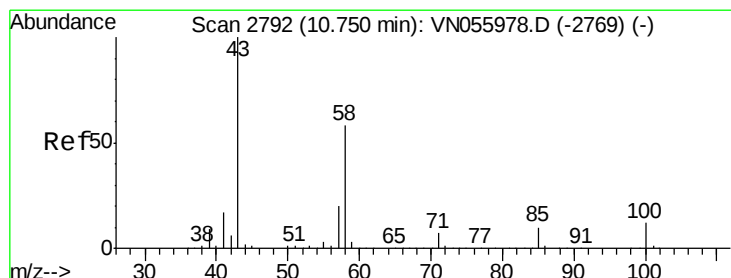
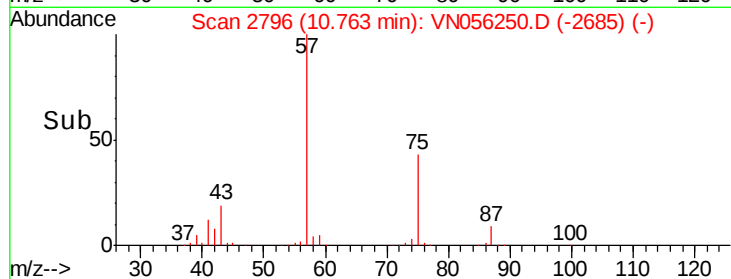
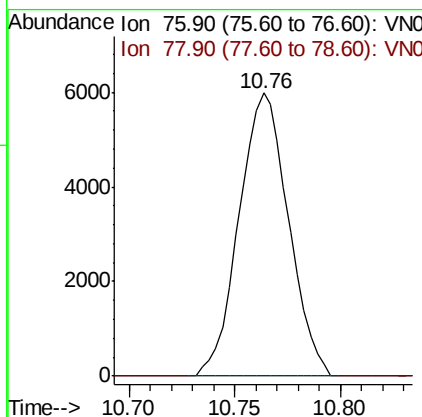
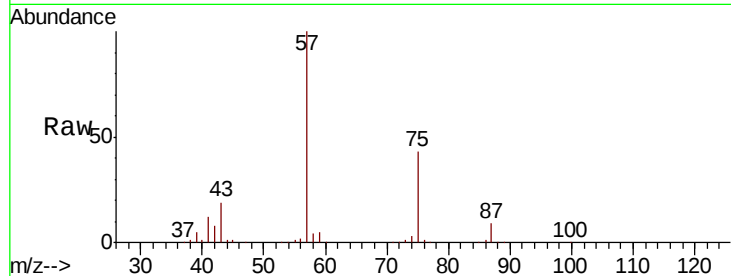




#57
 1,3-Dichloropropane
 Concen: 2.175 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056250.D
 Acq: 12 Jun 2019 15:49

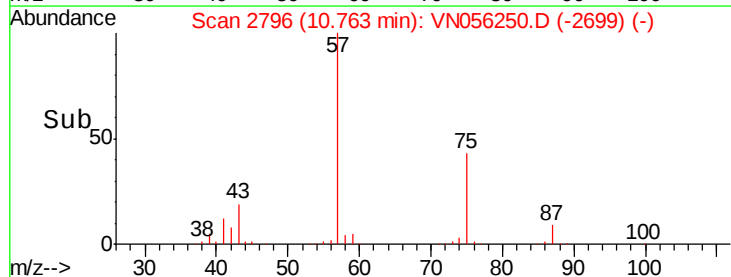
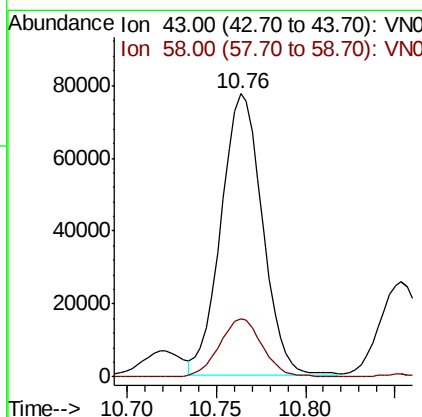
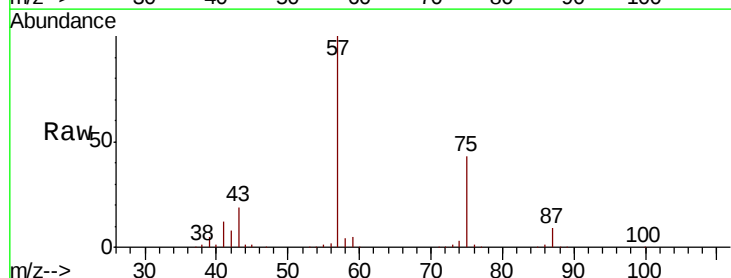
Instrument :
 MSVOA_N
 ClientSampled :
 PB120522TB

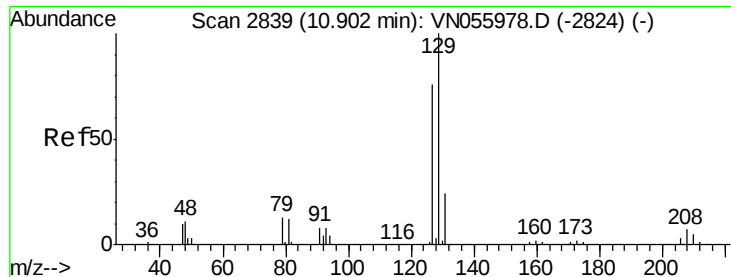
Tot Ion: 76 Resp: 9726
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



#59
 2-Hexanone
 Concen: 51.915 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056250.D
 Acq: 12 Jun 2019 15:49

Tgt Ion: 43 Resp: 124677
 Ion Ratio Lower Upper
 43 100
 58 21.5 28.2 84.7#





#60

Dibromochloromethane

Concen: 2.499 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

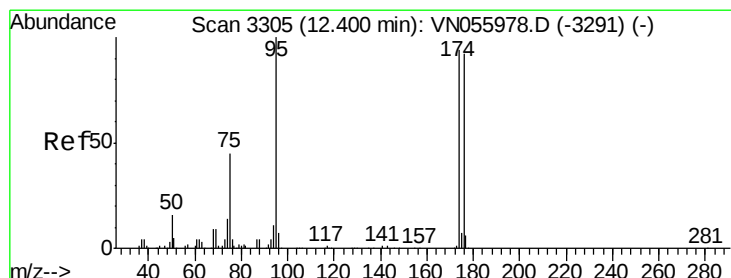
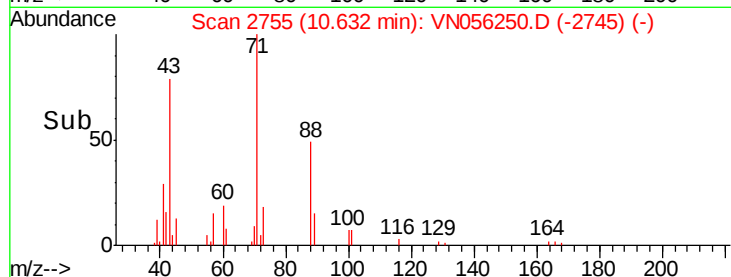
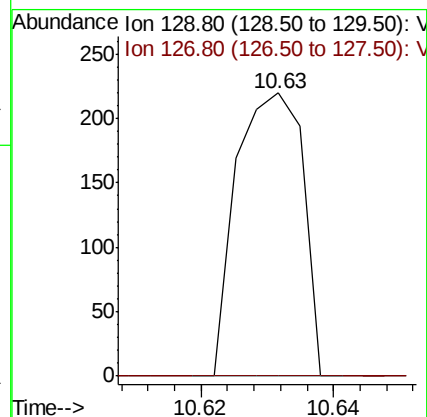
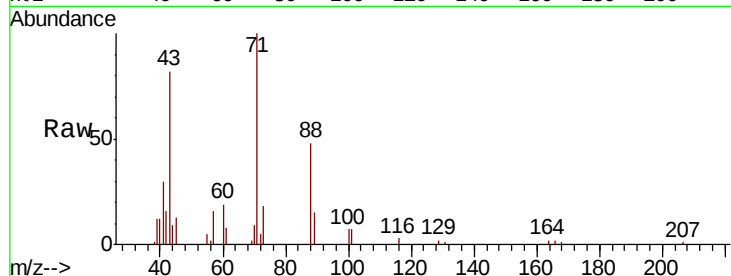
PB120522TB

Tot Ion:129 Resp: 152

Ion Ratio Lower Upper

129 100

127 0.0 38.1 114.3#



#62

4-Bromofluorobenzene

Concen: 51.003 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

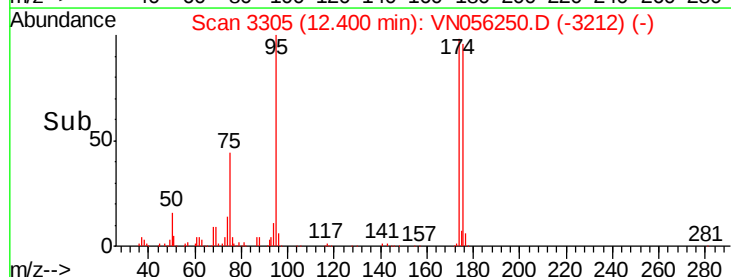
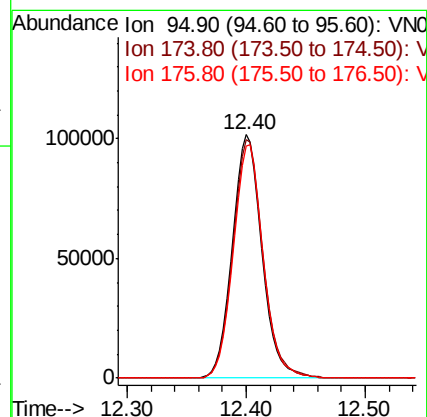
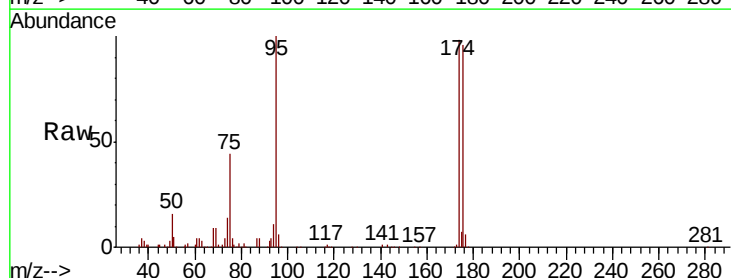
Tgt Ion: 95 Resp: 175011

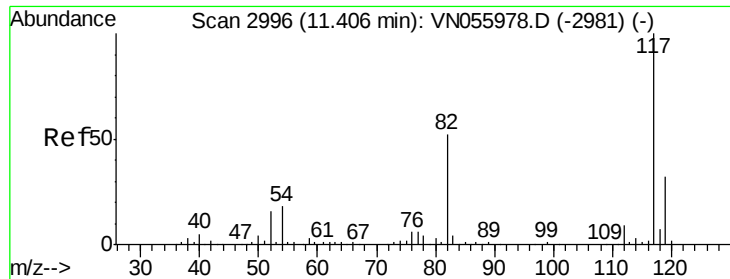
Ion Ratio Lower Upper

95 100

174 99.8 0.0 191.0

176 96.7 0.0 185.2

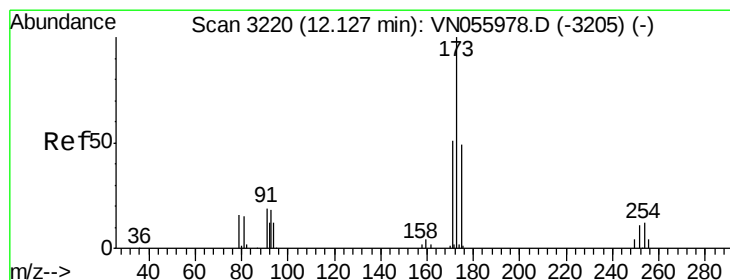
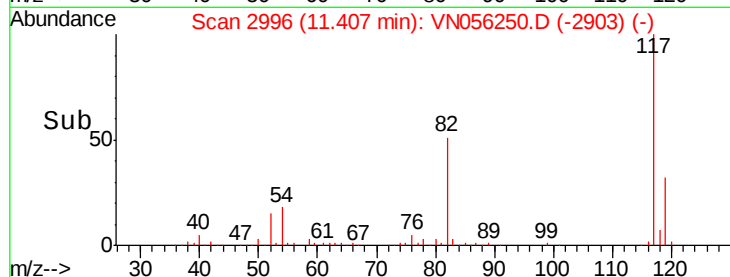
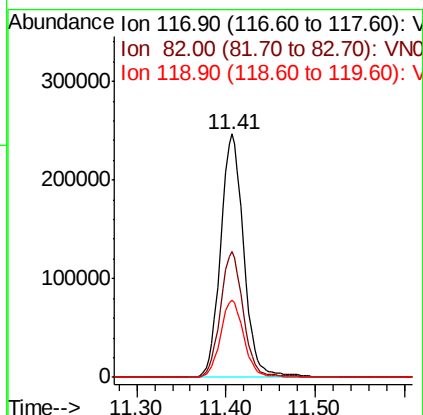
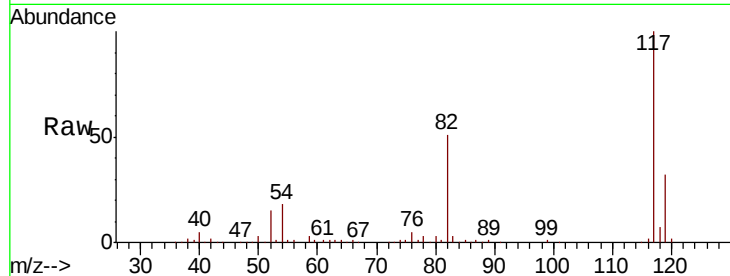




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

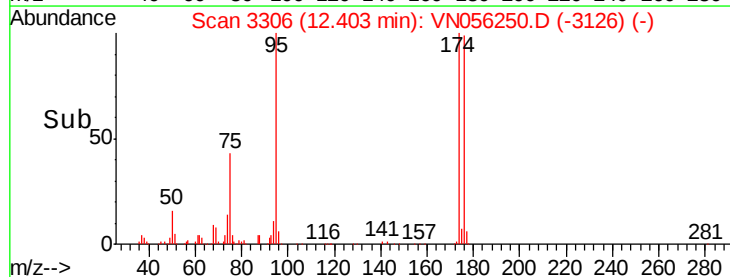
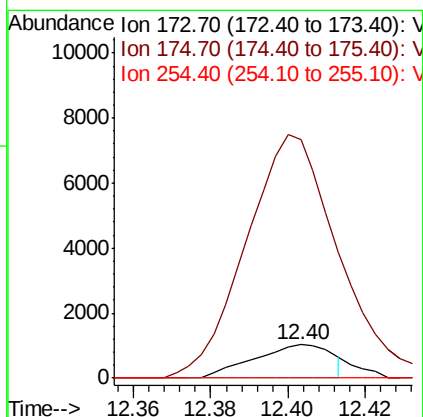
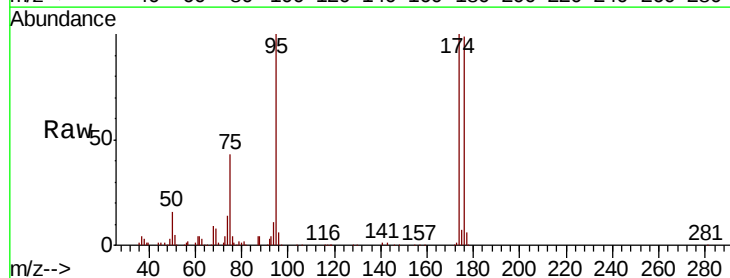
Instrument :
MSVOA_N
ClientSampleId :
PB120522TB

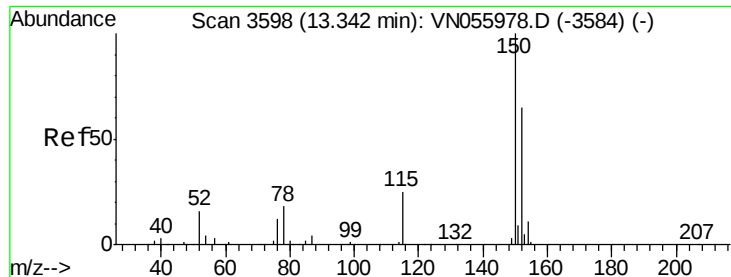
Tot Ion:117 Resp: 443839
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 31.9 25.4 38.0



#71
Bromoform
Concen: 3.274 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056250.D
Acq: 12 Jun 2019 15:49

Tgt Ion:173 Resp: 1441
Ion Ratio Lower Upper
173 100
175 747.3 24.3 72.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

PB120522TB

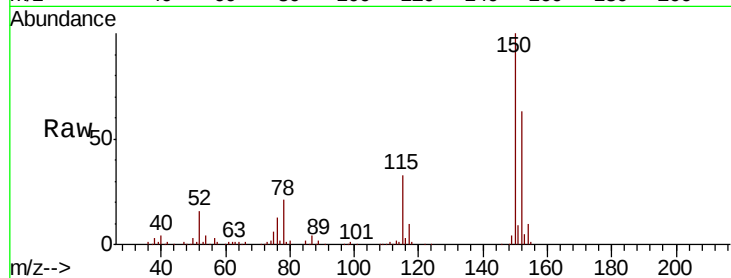
Tot Ion:152 Resp: 141302

Ion Ratio Lower Upper

152 100

115 52.2 27.0 81.0

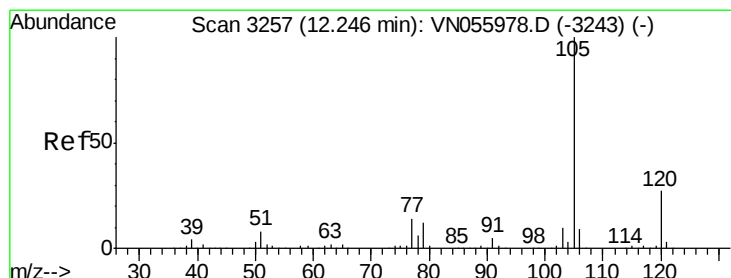
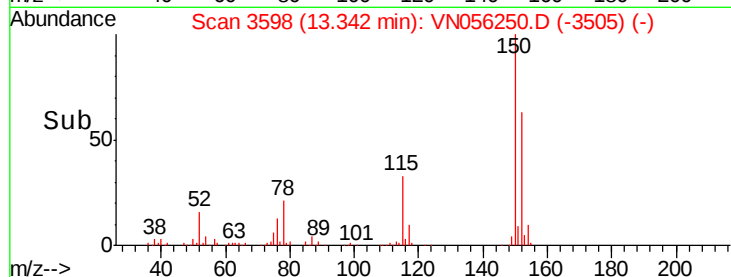
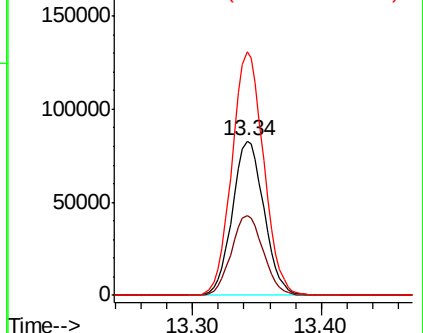
150 158.1 0.0 343.2



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: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056250.D

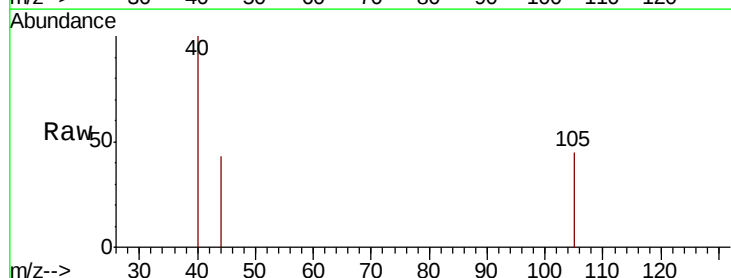
Acq: 12 Jun 2019 15:49

Tgt Ion:105 Resp: 676

Ion Ratio Lower Upper

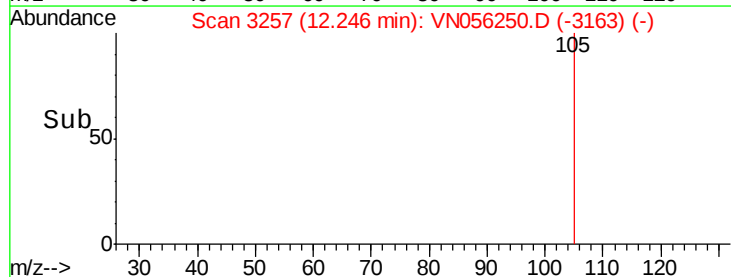
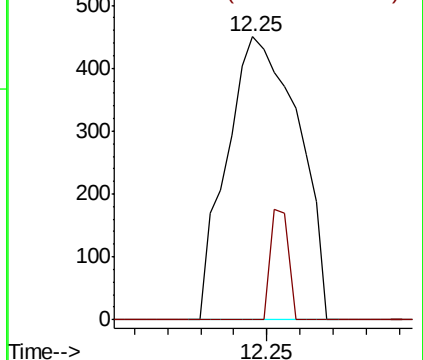
105 100

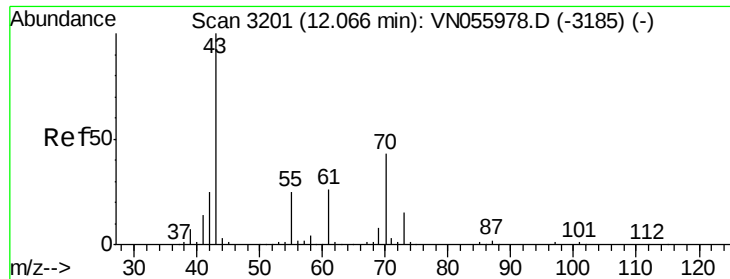
120 9.9 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.268 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

PB120522TB

Tot Ion: 43 Resp: 1008

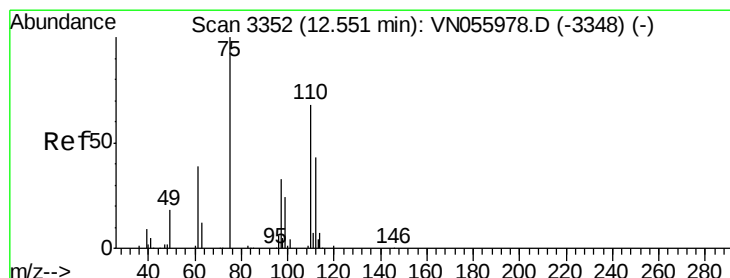
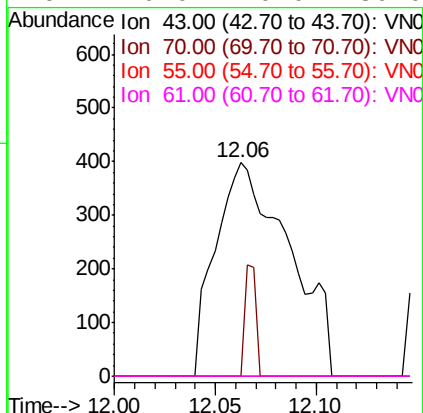
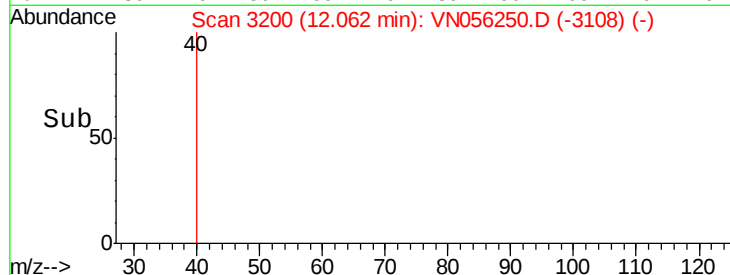
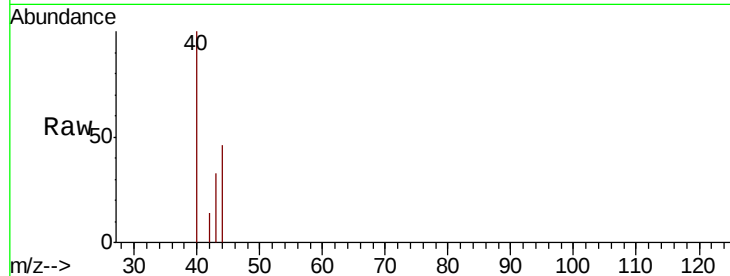
Ion Ratio Lower Upper

43 100

70 7.8 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#



#76

1,2,3-Trichloropropane

Concen: 30.191 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056250.D

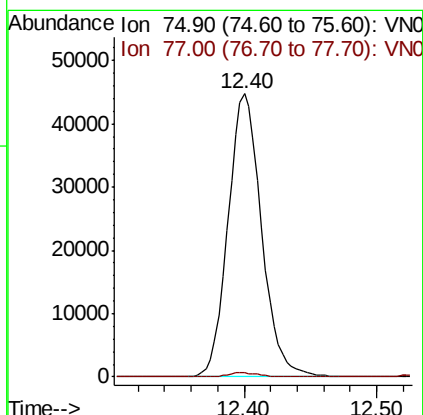
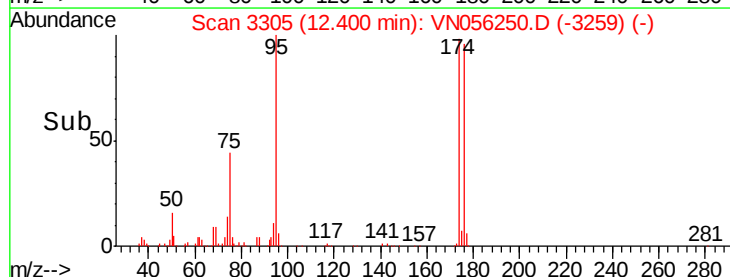
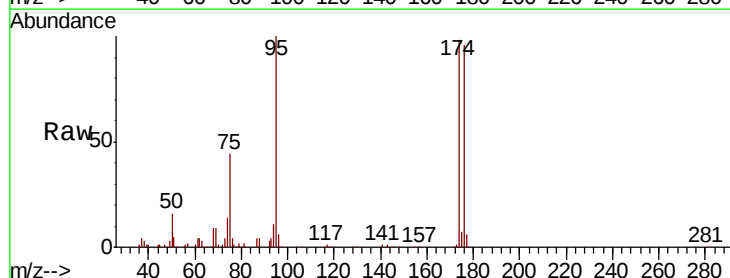
Acq: 12 Jun 2019 15:49

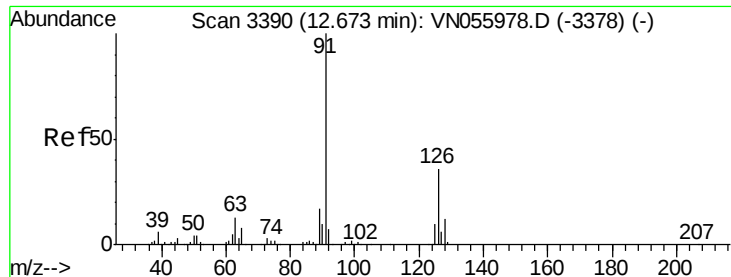
Tgt Ion: 75 Resp: 78497

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

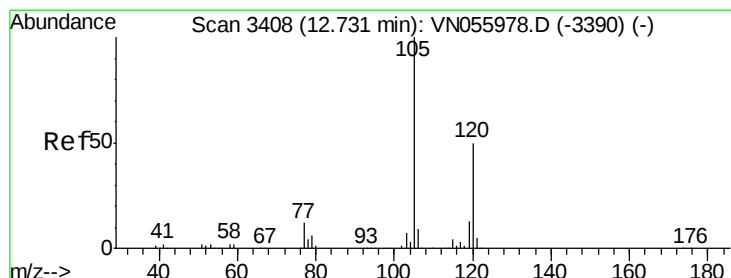
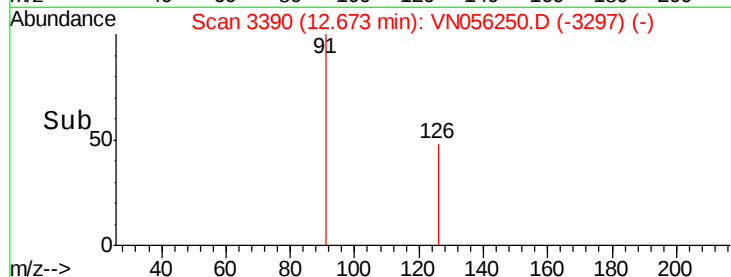
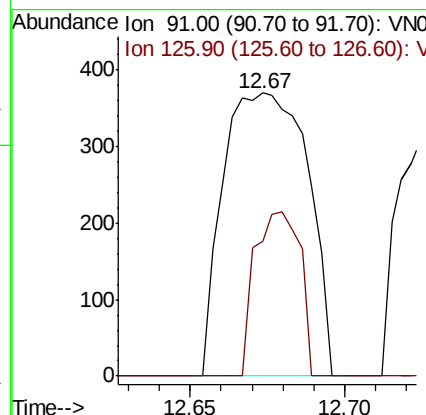
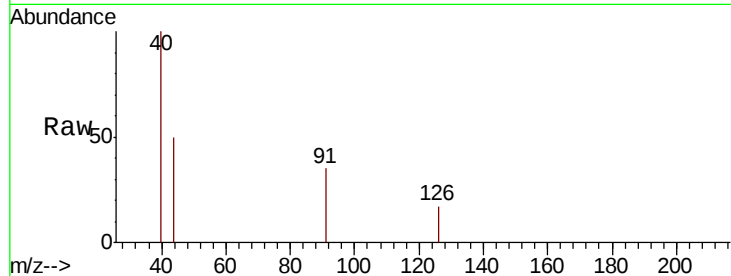




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056250.D
 Acq: 12 Jun 2019 15:49

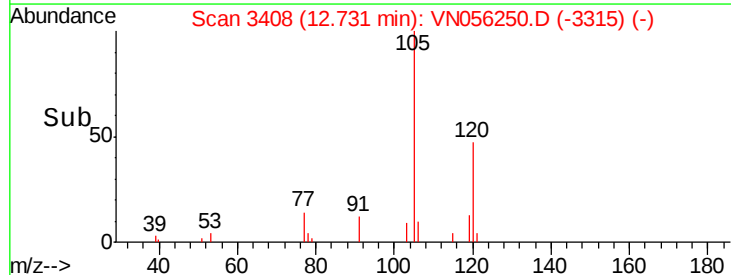
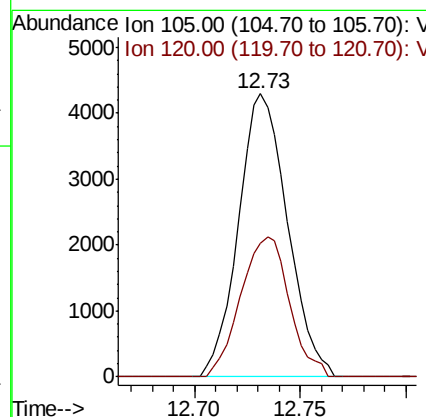
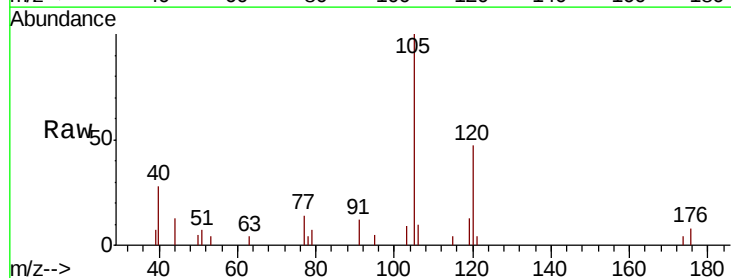
Instrument :
 MSVOA_N
 ClientSampled :
 PB120522TB

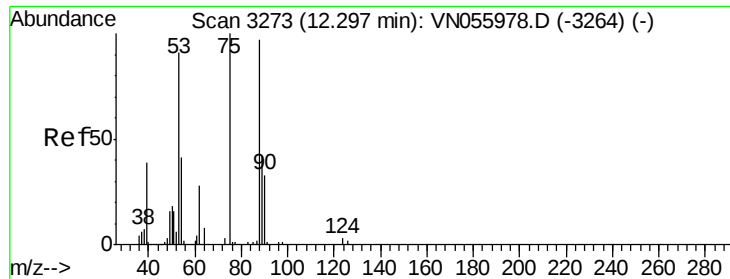
Tot Ion: 91 Resp: 702
 Ion Ratio Lower Upper
 91 100
 126 31.1 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.729 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056250.D
 Acq: 12 Jun 2019 15:49

Tgt Ion: 105 Resp: 6924
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 100.542 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

PB120522TB

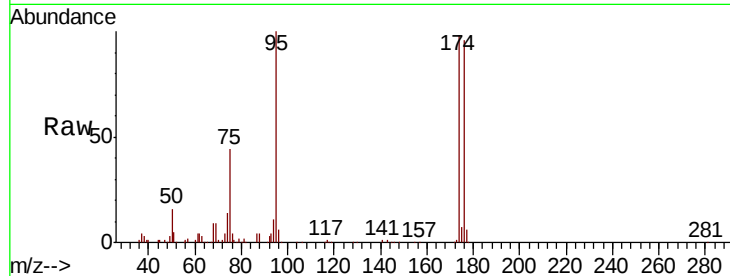
Tot Ion: 75 Resp: 78497

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

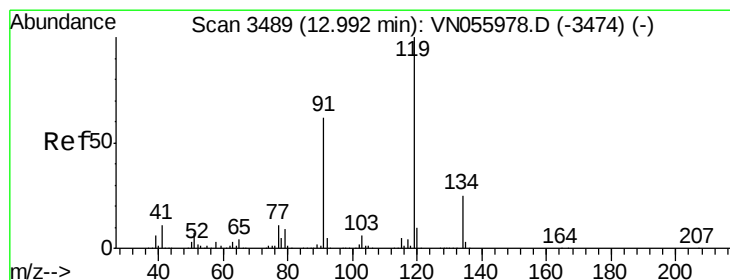
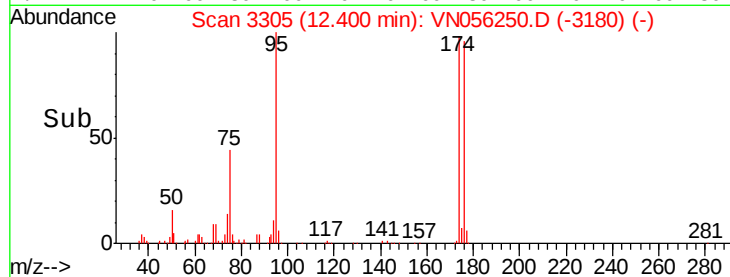
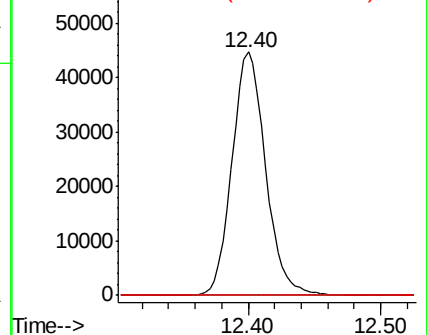
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN056250.D (-3180) (-)

Ion 53.00 (52.70 to 53.70): VN056250.D (-3180) (-)

Ion 88.90 (88.60 to 89.60): VN056250.D (-3180) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

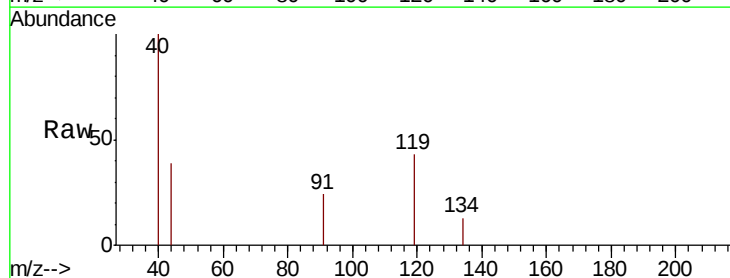
Tgt Ion: 119 Resp: 702

Ion Ratio Lower Upper

119 100

91 41.6 30.9 92.8

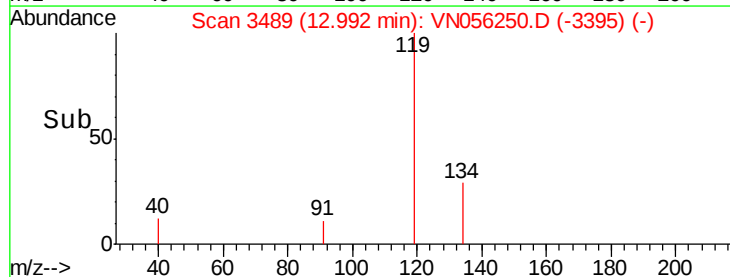
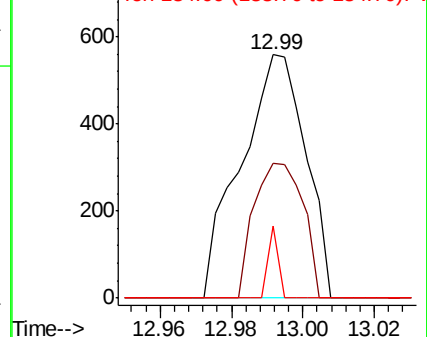
134 4.6 13.3 39.8#

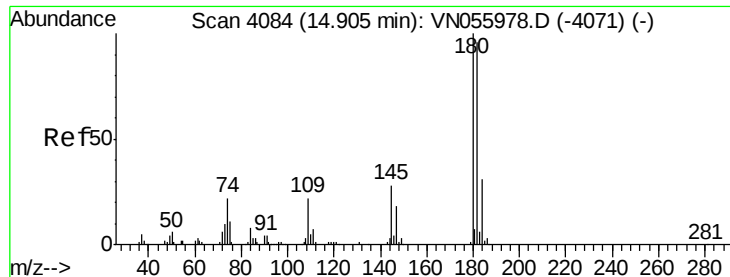


Abundance Ion 119.00 (118.70 to 119.70): VN056250.D (-3395) (-)

Ion 91.00 (90.70 to 91.70): VN056250.D (-3395) (-)

Ion 134.00 (133.70 to 134.70): VN056250.D (-3395) (-)

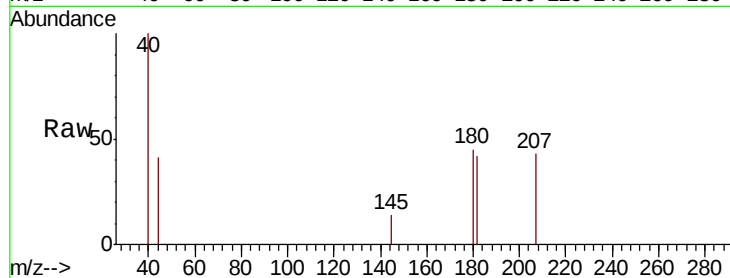




#93
 1,2,4-Trichlorobenzene
 Concen: 4.589 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN056250.D
 Acq: 12 Jun 2019 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120522TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.9	48.3	144.9
145	18.6	14.0	41.9

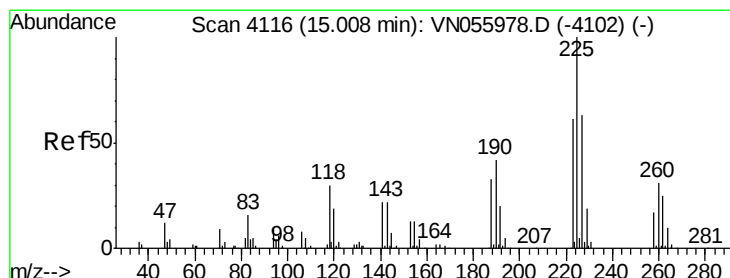
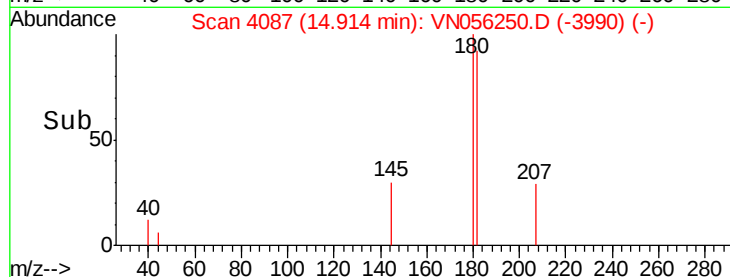
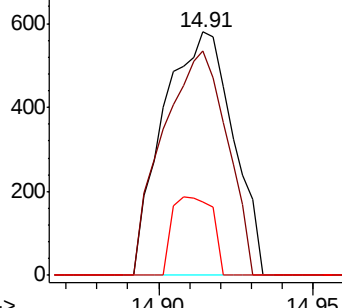


Abundance

Ion 179.80 (179.50 to 180.50): V

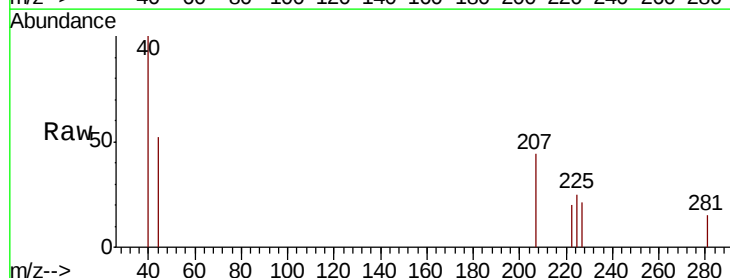
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056250.D
 Acq: 12 Jun 2019 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	54.2	30.9	92.7
227	39.7	31.6	94.7

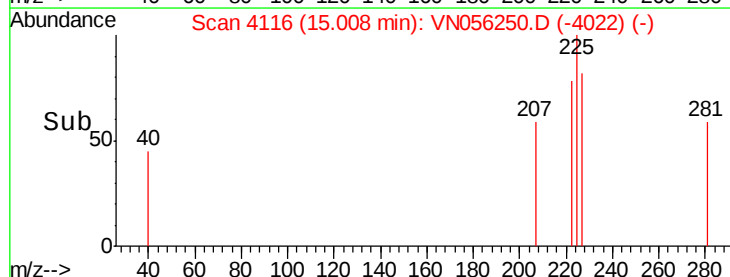
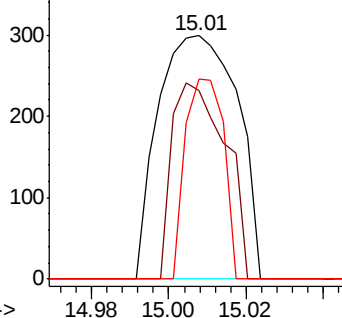


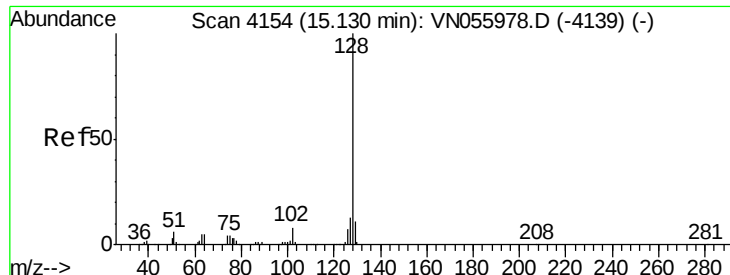
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.328 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

PB120522TB

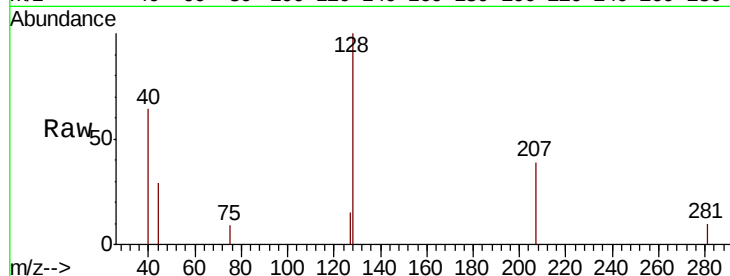
Tot Ion:128 Resp: 3492

Ion Ratio Lower Upper

128 100

127 9.0 10.3 15.5#

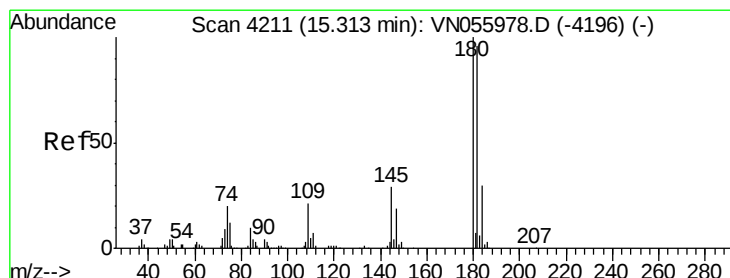
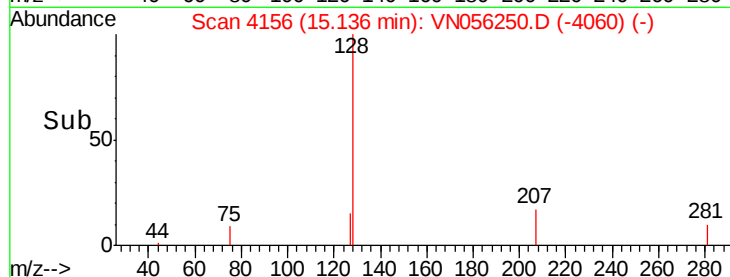
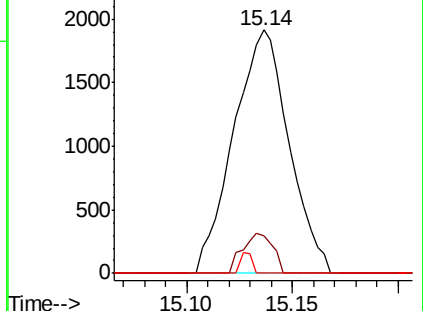
129 1.7 8.7 13.1#



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



#96

1,2,3-Trichlorobenzene

Concen: 3.542 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN056250.D

Acq: 12 Jun 2019 15:49

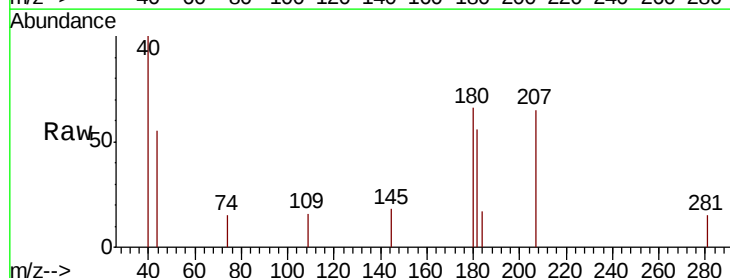
Tgt Ion:180 Resp: 1445

Ion Ratio Lower Upper

180 100

182 91.4 47.9 143.7

145 18.7 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

