

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056132.D
 Acq On : 8 Jun 2019 6:12
 Operator : JC/SP
 Sample : PB120403TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120403TB

Quant Time: Jun 10 01:20:54 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	323602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	485296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	479612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151623	50.00	ug/l	0.00

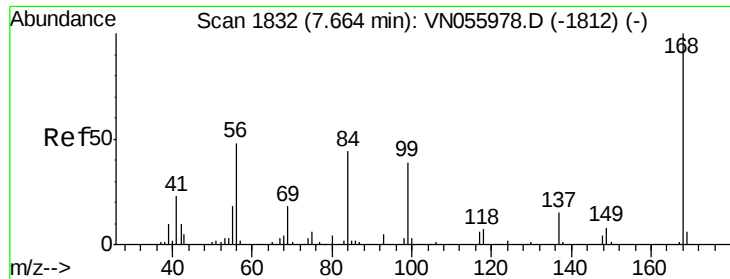
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	158721	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	7.59	113	139390	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.09	98	600272	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.40	95	193595	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
16) Acetone	3.82	43	735662	478.721	ug/l	99
18) Methyl Acetate	4.33	43	3201	0.488	ug/l #	60
20) Methylene Chloride	4.55	84	19307	6.098	ug/l	99
25) 2-Butanone	6.86	43	980	0.505	ug/l #	47
29) Tetrahydrofuran	7.22	42	312	0.260	ug/l #	47
31) Cyclohexane	7.66	56	4357	0.855	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	18593	4.456	ug/l #	49
38) Carbon Tetrachloride	7.66	117	26254	6.824	ug/l #	15
41) Methacrylonitrile	7.24	41	344	0.201	ug/l #	19
43) Isopropyl Acetate	8.17	43	10184	1.693	ug/l #	91
44) Trichloroethene	8.83	130	1312	0.360	ug/l	86
45) 1,2-Dichloropropane	9.27	63	1345	0.414	ug/l #	44
48) Methyl methacrylate	9.18	41	6503	2.209	ug/l #	12
51) 4-Methyl-2-Pentanone	10.03	43	6054	1.609	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	44124	9.541	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	10223	2.013	ug/l #	42
59) 2-Hexanone	10.76	43	131521	48.230	ug/l #	51
65) Chlorobenzene	11.43	112	1969	0.206	ug/l	92
71) Bromoform	12.40	173	1289	3.182	ug/l #	1
73) Isopropylbenzene	12.25	105	80	Below Cal	#	48
74) N-amyl acetate	11.88	43	13739	3.399	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	88180	31.607	ug/l #	100
79) 2-Chlorotoluene	12.73	91	680	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	6160	0.604	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	88180	105.256	ug/l #	15
83) tert-Butylbenzene	12.73	119	725	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	64	4.291	ug/l #	48
95) Naphthalene	15.13	128	522	3.918	ug/l #	69

(#) = 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: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampled :

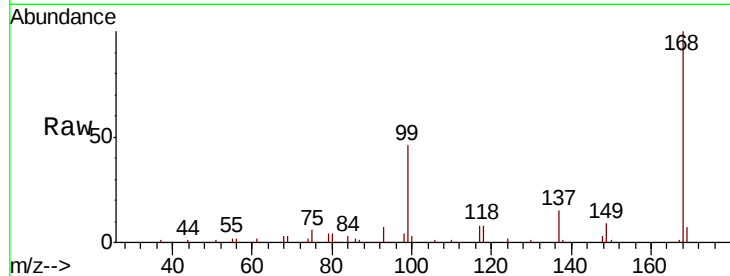
PB120403TB

Tot Ion:168 Resp: 323602

Ion Ratio Lower Upper

168 100

99 46.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

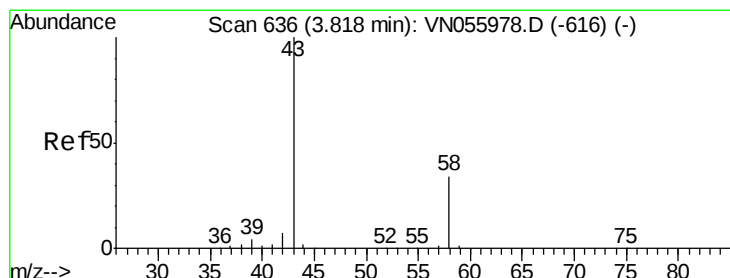
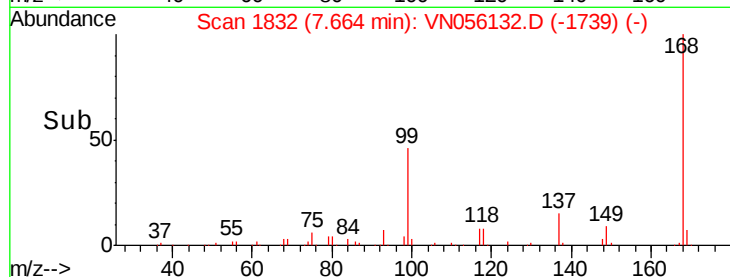
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 478.721 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056132.D

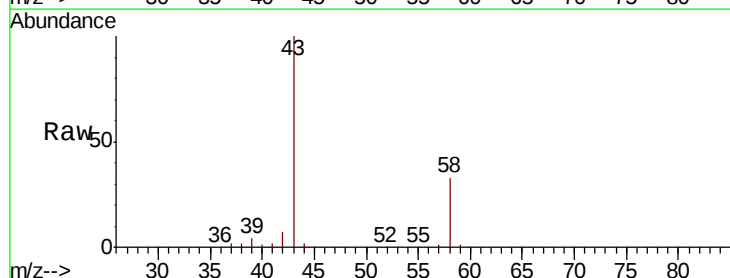
Acq: 8 Jun 2019 6:12

Tgt Ion: 43 Resp: 735662

Ion Ratio Lower Upper

43 100

58 32.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

3.82

300000

250000

200000

150000

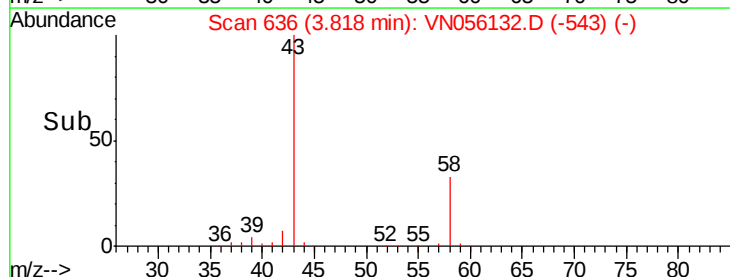
100000

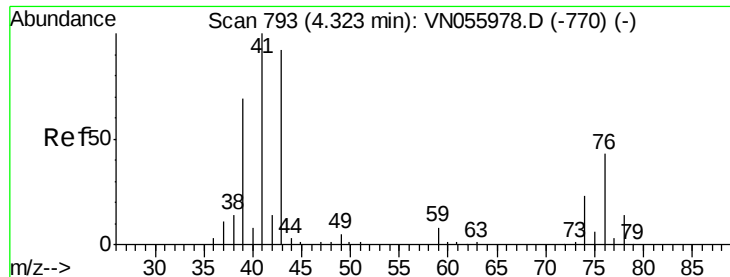
50000

0

Time-->

3.70 3.80 3.90 4.00

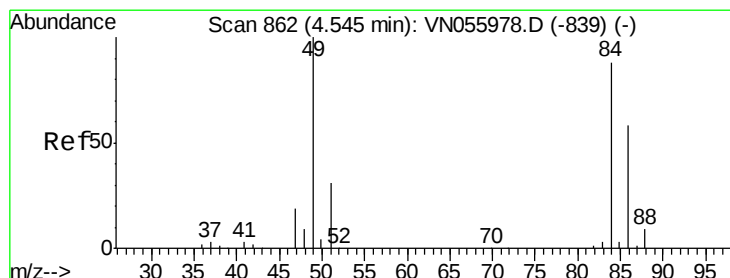
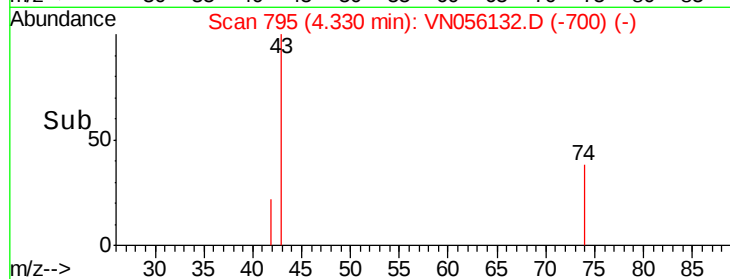
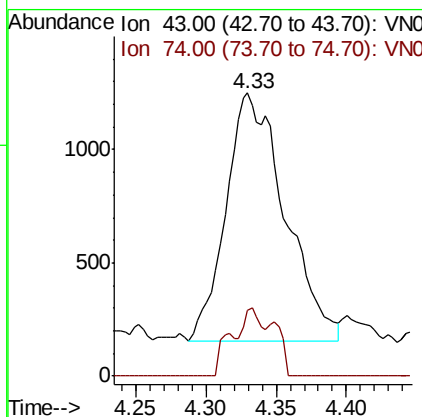
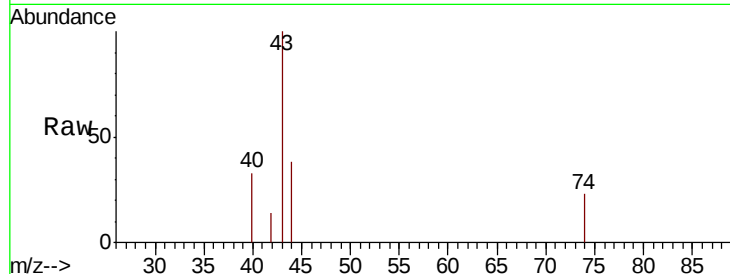




#18
Methvl Acetate
Concen: 0.488 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056132.D
Acq: 8 Jun 2019 6:12

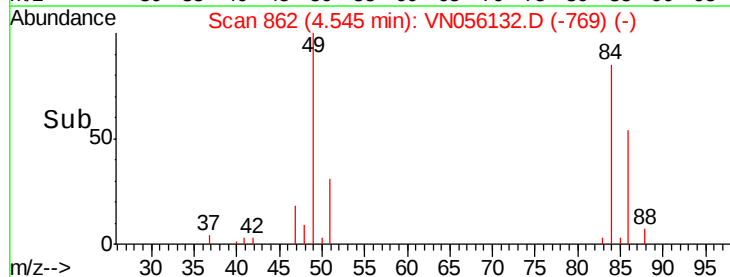
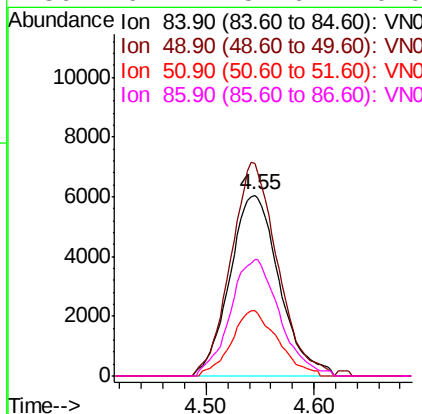
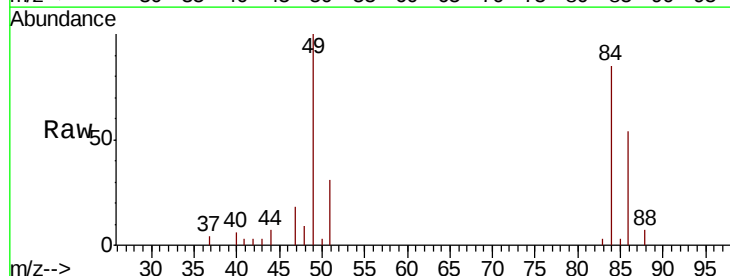
Instrument :
MSVOA_N
ClientSampled :
PB120403TB

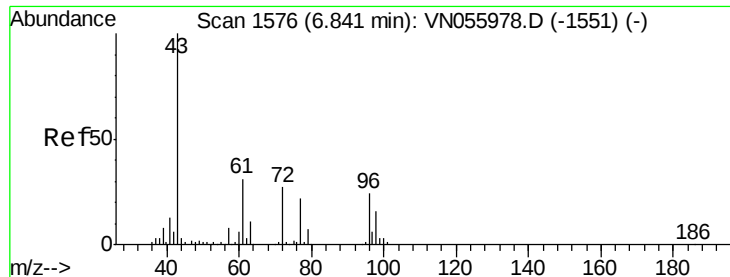
Tot Ion: 43 Resp: 3201
Ion Ratio Lower Upper
43 100
74 4.2 19.3 28.9#



#20
Methylene Chloride
Concen: 6.098 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056132.D
Acq: 8 Jun 2019 6:12

Tgt Ion: 84 Resp: 19307
Ion Ratio Lower Upper
84 100
49 117.8 93.5 140.3
51 36.3 28.6 43.0
86 64.2 52.6 79.0





#25

2-Butanone

Concen: 0.505 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.02 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampled :

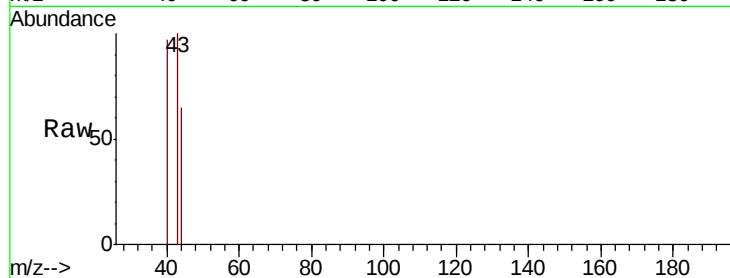
PB120403TB

Tot Ion: 43 Resp: 980

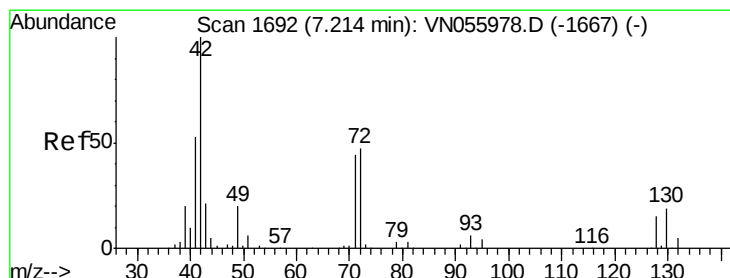
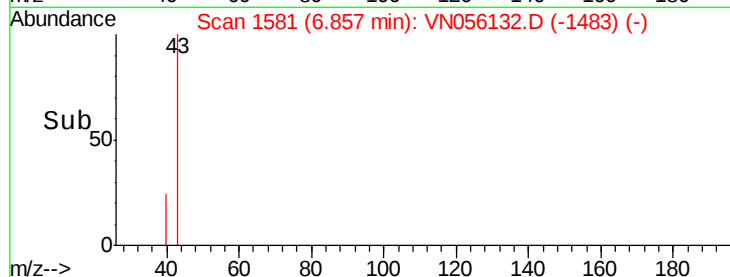
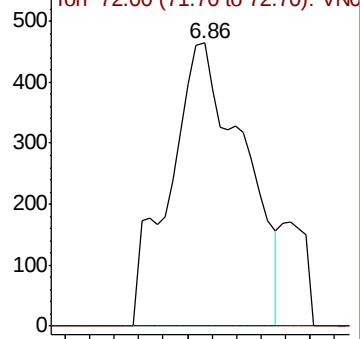
Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO



#29

Tetrahydrofuran

Concen: 0.260 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

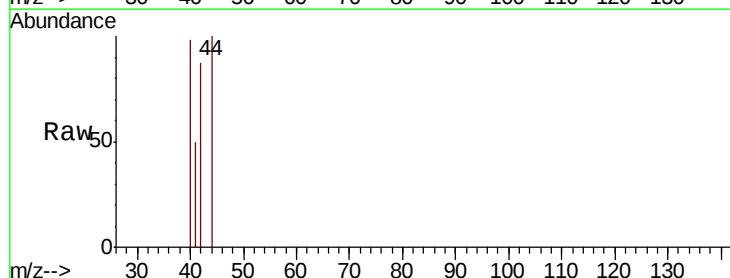
Tgt Ion: 42 Resp: 312

Ion Ratio Lower Upper

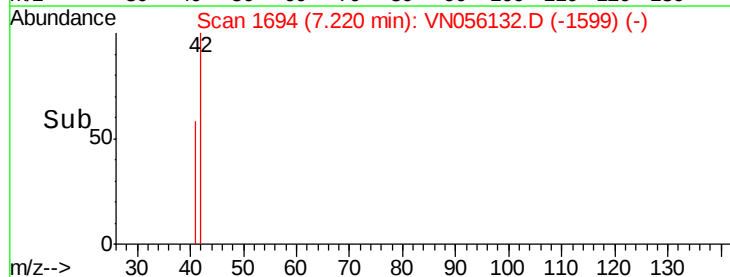
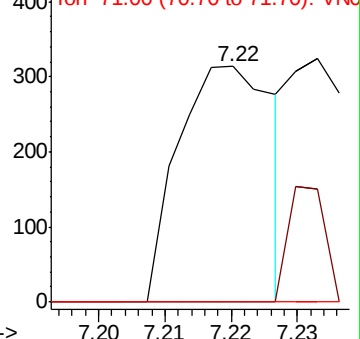
42 100

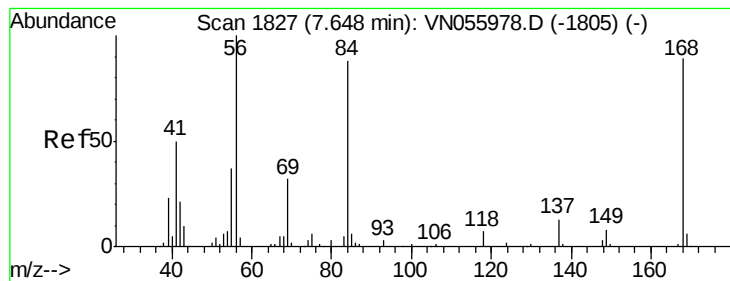
72 18.6 35.9 53.9#

71 0.0 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VNO





#31

Cyclohexane

Concen: 0.855 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampleId :

PB120403TB

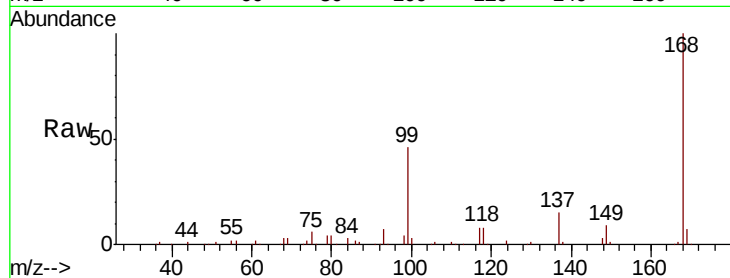
Tot Ion: 56 Resp: 4357

Ion Ratio Lower Upper

56 100

69 186.5 25.6 38.4#

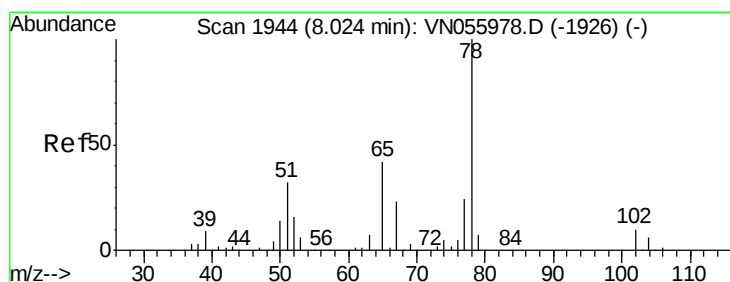
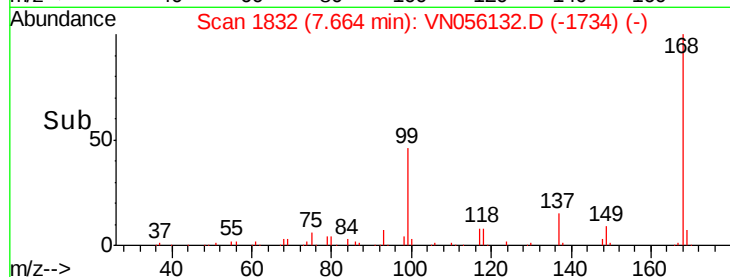
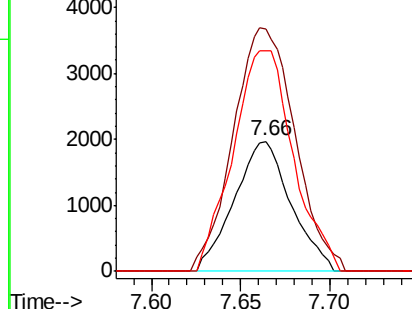
84 170.0 67.4 101.0#



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: 49.398 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056132.D

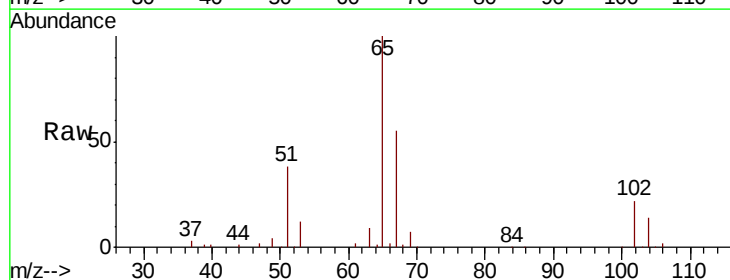
Acq: 8 Jun 2019 6:12

Tgt Ion: 65 Resp: 158721

Ion Ratio Lower Upper

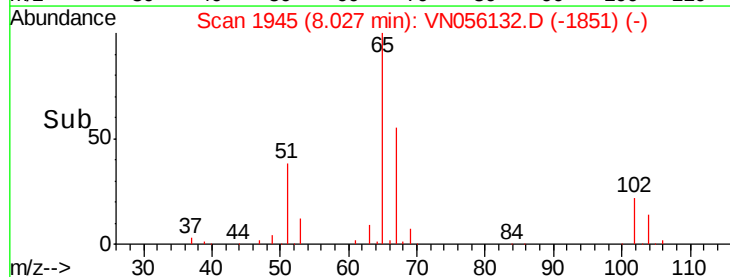
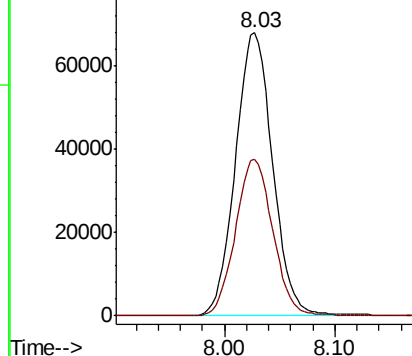
65 100

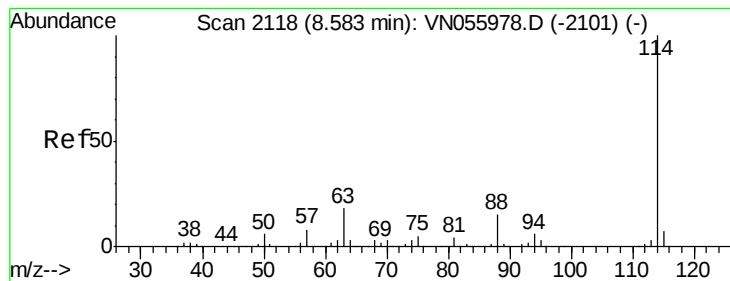
67 55.6 0.0 109.2



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: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampleId :

PB120403TB

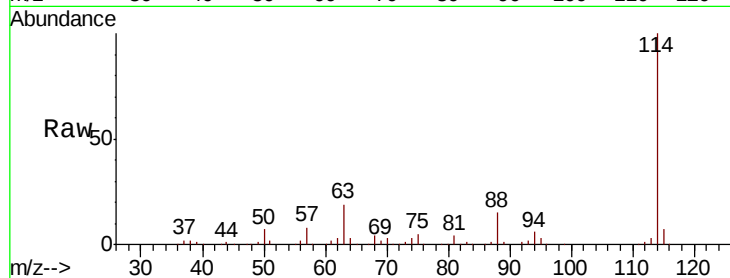
Tot Ion:114 Resp: 485296

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

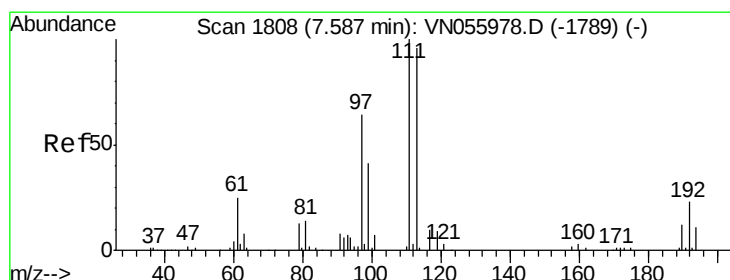
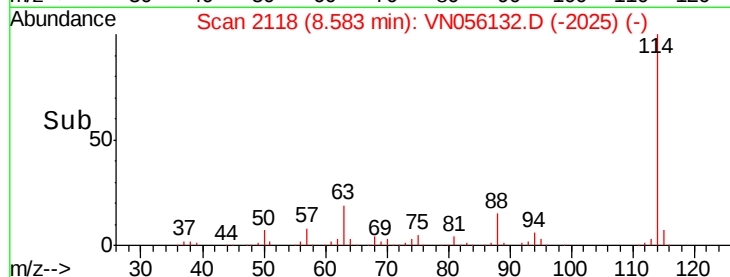
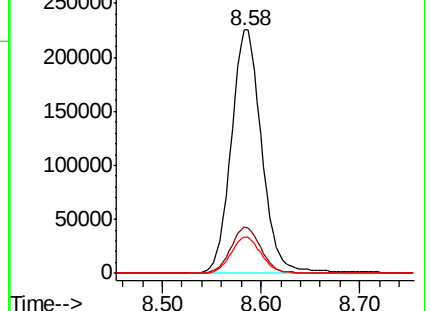
88 15.0 0.0 31.0



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: 46.815 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

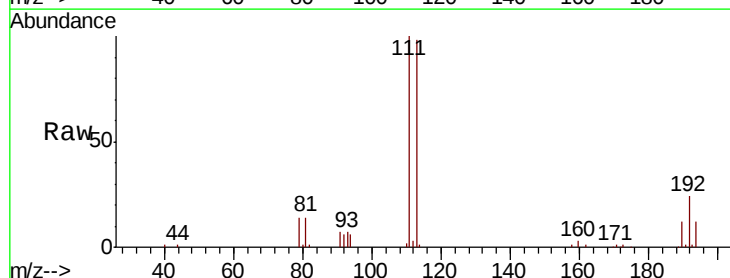
Tgt Ion:113 Resp: 139390

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

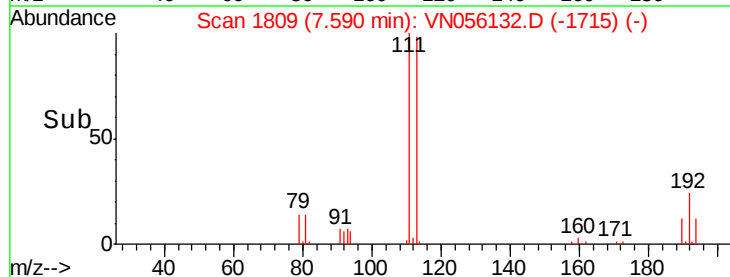
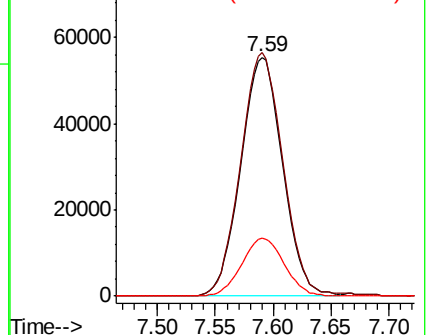
192 24.6 19.5 29.3

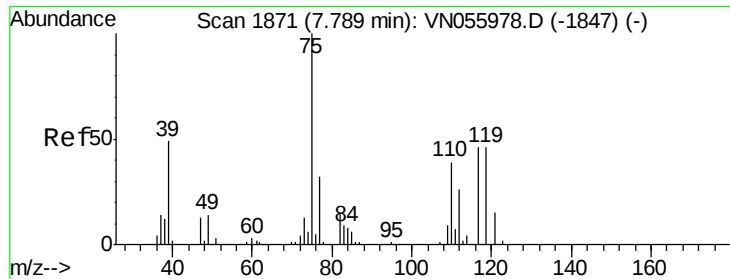


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.456 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampled :

PB120403TB

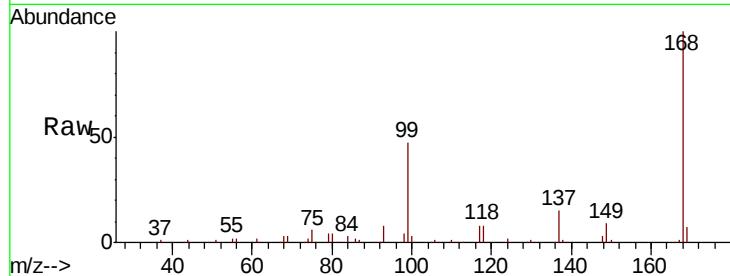
Tot Ion: 75 Resp: 18593

Ion Ratio Lower Upper

75 100

110 9.6 19.0 57.0#

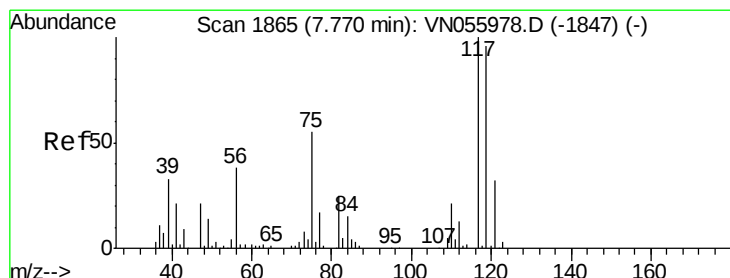
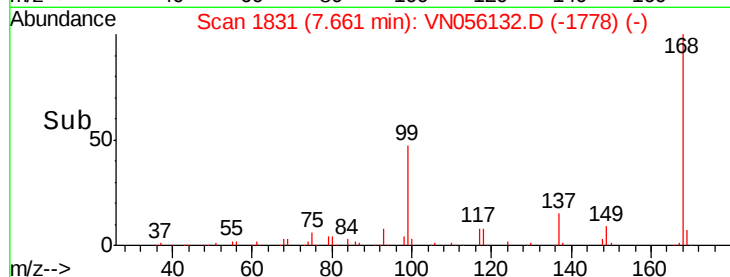
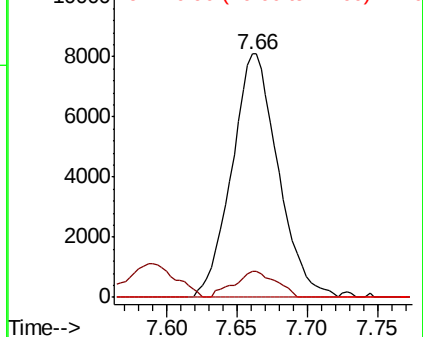
77 0.0 25.1 37.7#



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: 6.824 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

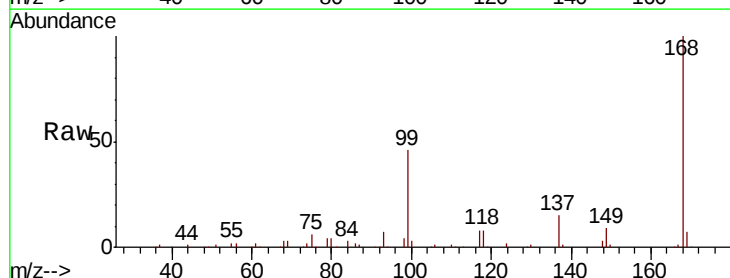
Tgt Ion: 117 Resp: 26254

Ion Ratio Lower Upper

117 100

119 5.3 79.0 118.6#

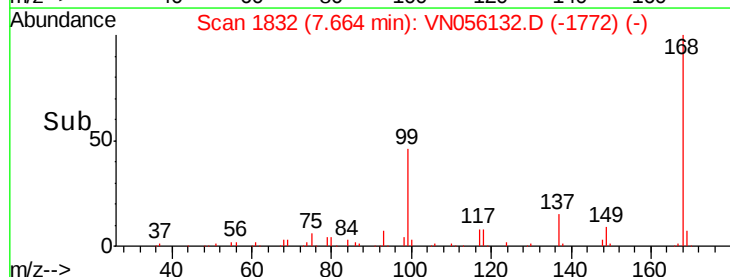
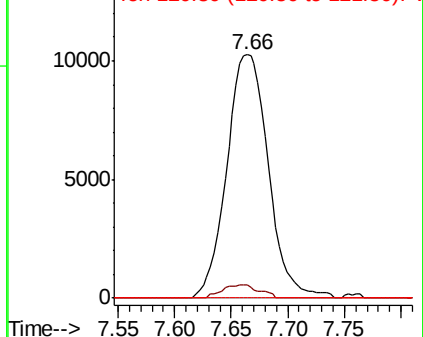
121 0.0 24.7 37.1#

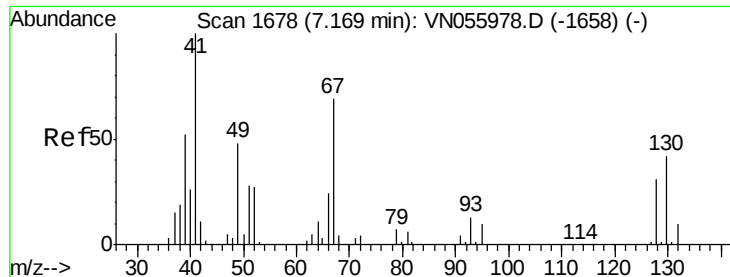


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

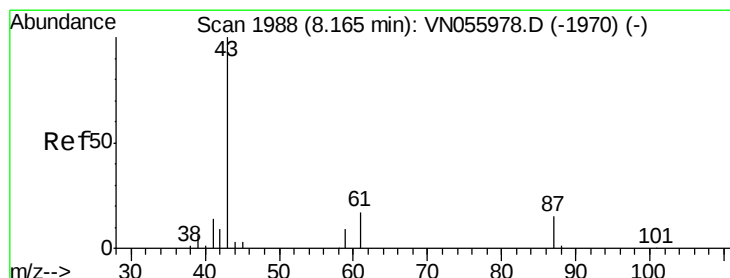
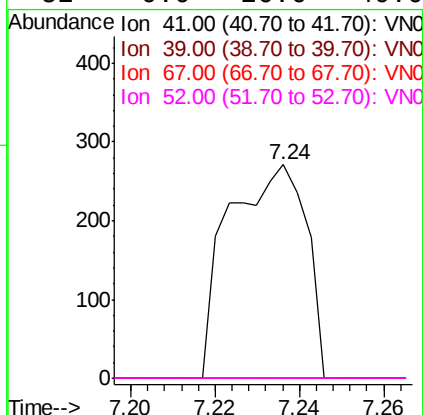
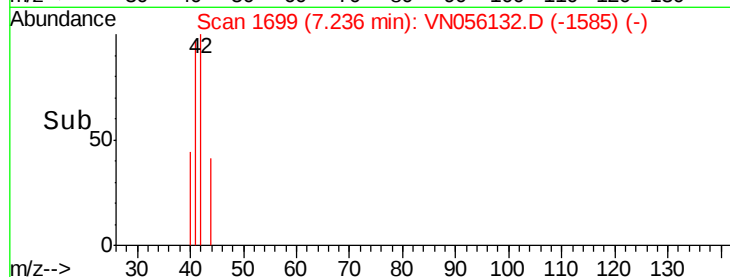
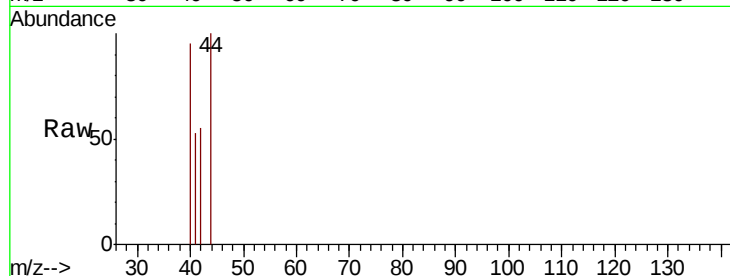




#41
Methacrylonitrile
Concen: 0.201 ug/l
RT: 7.24 min Scan# 1699
Delta R.T. 0.07 min
Lab File: VN056132.D
Acq: 8 Jun 2019 6:12

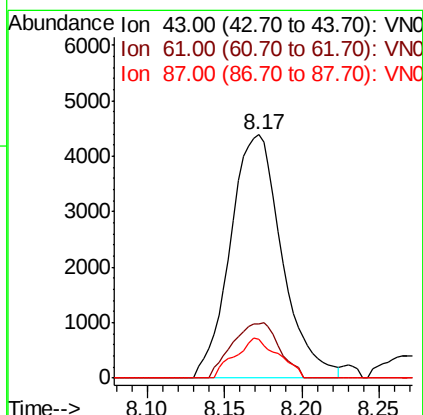
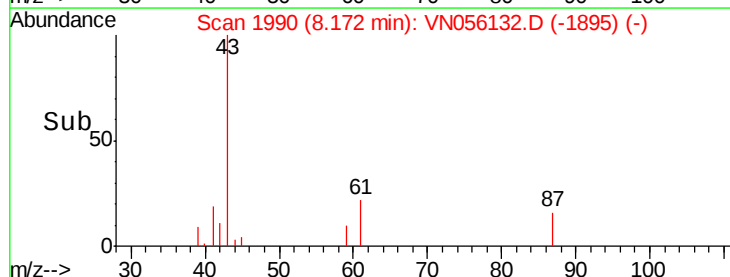
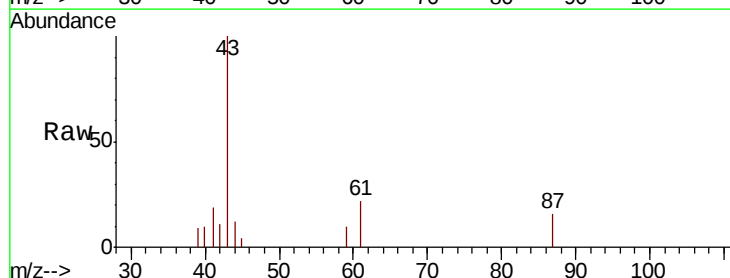
Instrument :
MSVOA_N
ClientSampleId :
PB120403TB

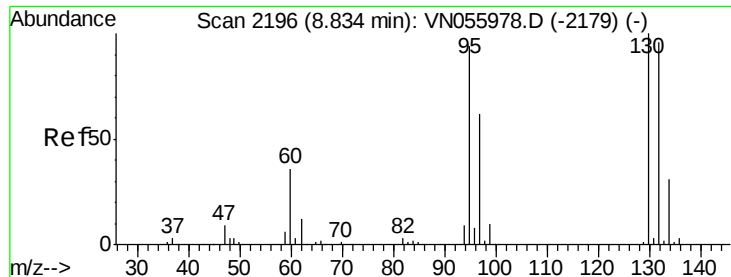
Tot Ion: 41 Resp: 344
Ion Ratio Lower Upper
41 100
39 0.0 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 1.693 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN056132.D
Acq: 8 Jun 2019 6:12

Tgt Ion: 43 Resp: 10184
Ion Ratio Lower Upper
43 100
61 20.7 22.2 33.4#
87 13.7 11.4 17.2





#44

Trichloroethene

Concen: 0.360 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampleId :

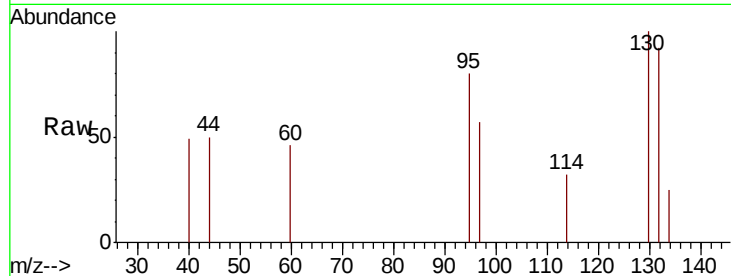
PB120403TB

Tot Ion:130 Resp: 1312

Ion Ratio Lower Upper

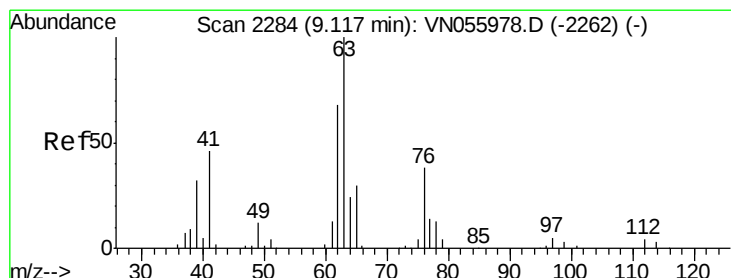
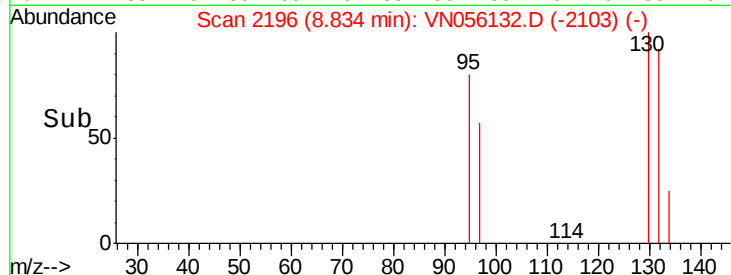
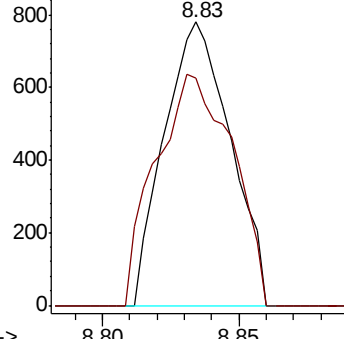
130 100

95 80.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 0.414 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN056132.D

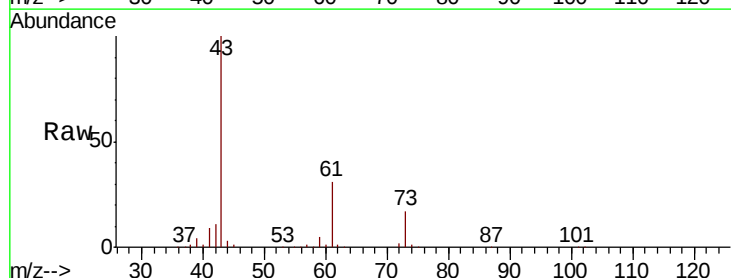
Acq: 8 Jun 2019 6:12

Tgt Ion: 63 Resp: 1345

Ion Ratio Lower Upper

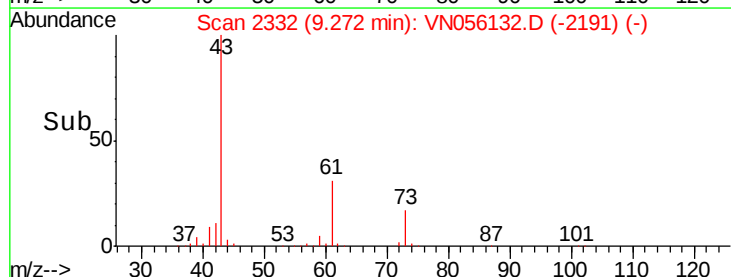
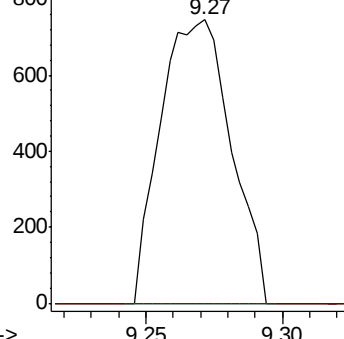
63 100

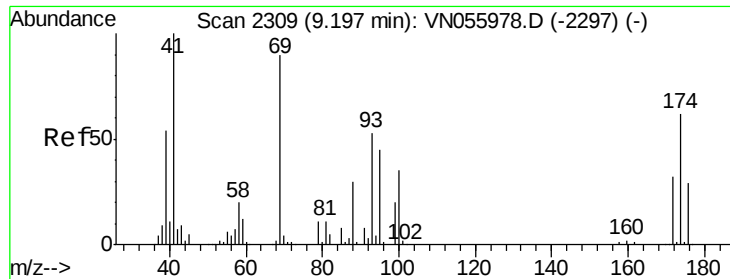
65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN

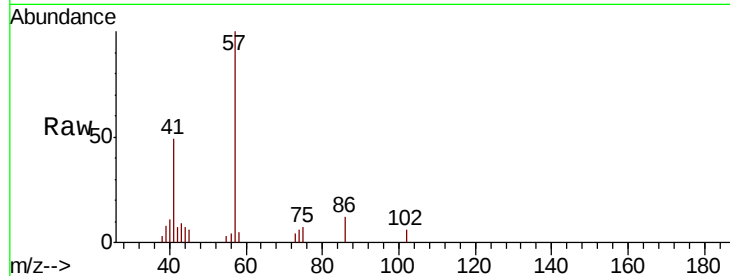




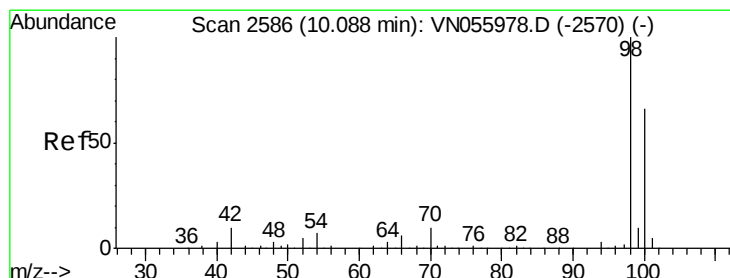
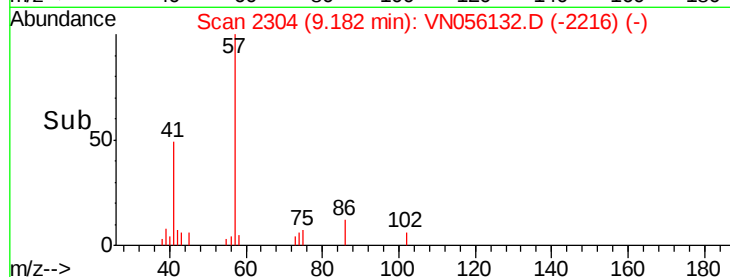
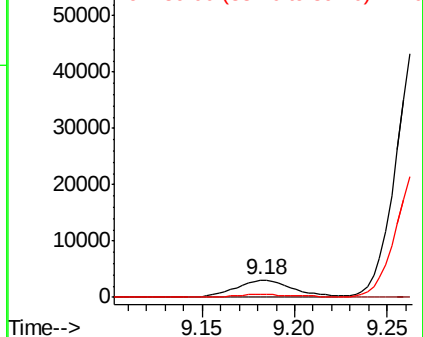
#48
Methvl methacrylate
Concen: 2.209 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056132.D
Acq: 8 Jun 2019 6:12

Instrument :
MSVOA_N
ClientSampleId :
PB120403TB

Tot Ion: 41 Resp: 6503
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 0.0 44.2 66.2#

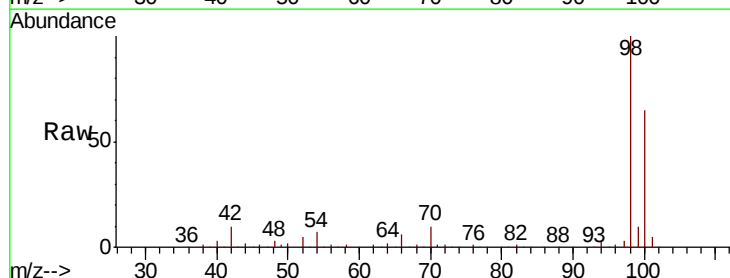


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

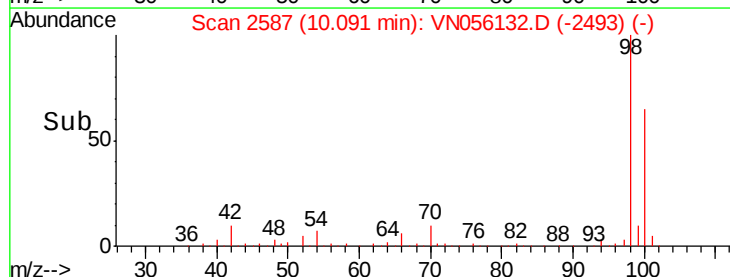
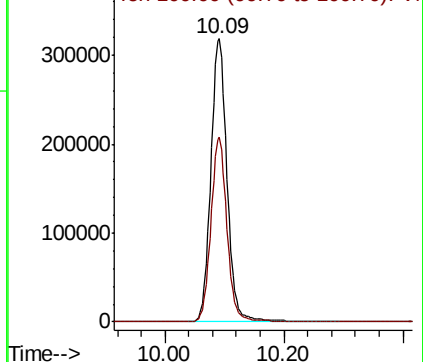


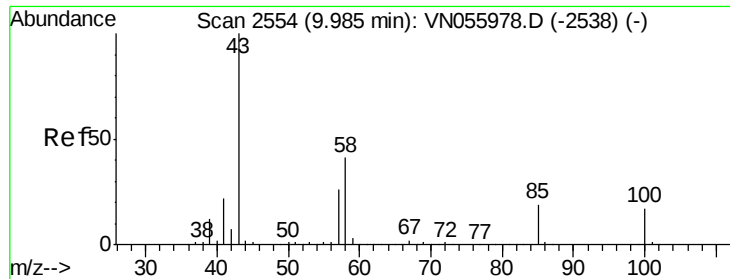
#50
Toluene-d8
Concen: 52.392 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056132.D
Acq: 8 Jun 2019 6:12

Tgt Ion: 98 Resp: 600272
Ion Ratio Lower Upper
98 100
100 64.4 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: 1.609 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampleID :

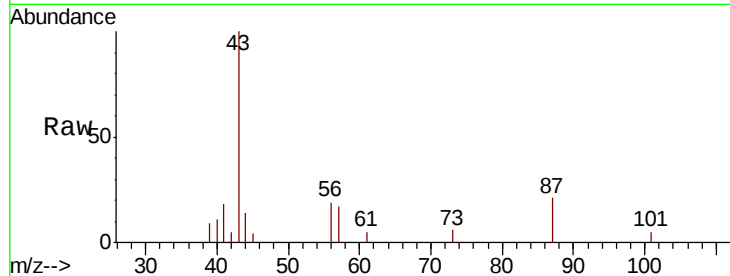
PB120403TB

Tot Ion: 43 Resp: 6054

Ion Ratio Lower Upper

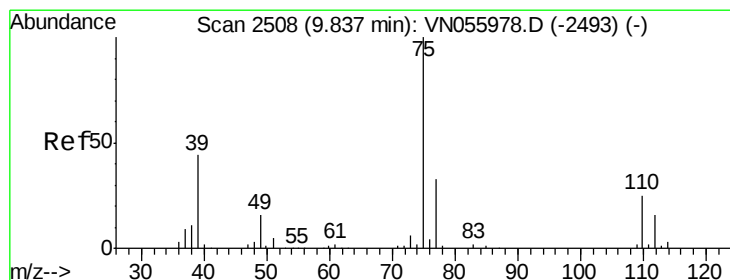
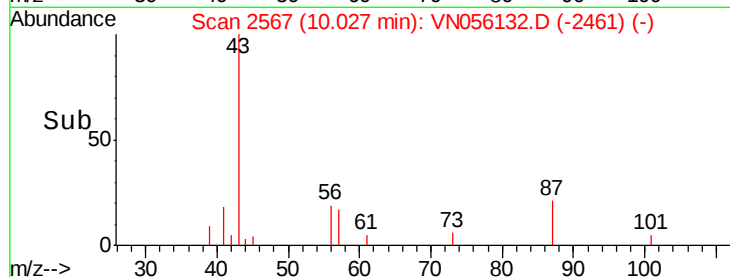
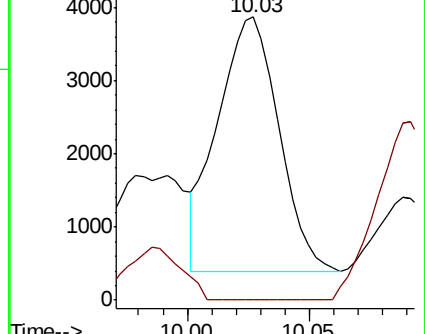
43 100

58 0.0 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: 9.541 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

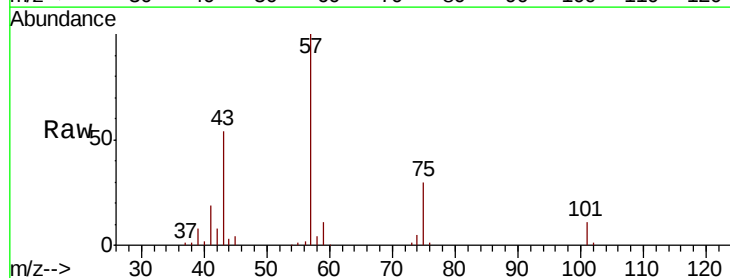
Tgt Ion: 75 Resp: 44124

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

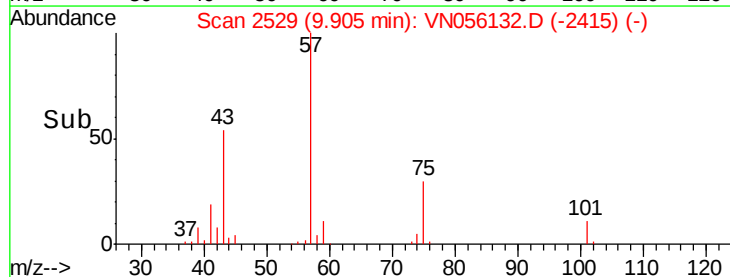
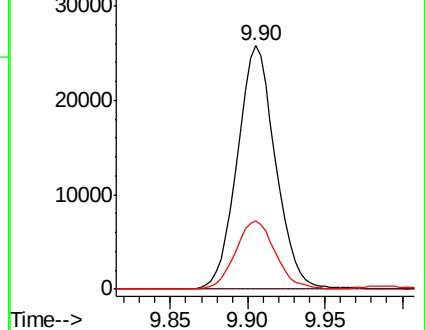
39 27.8 36.3 54.5#

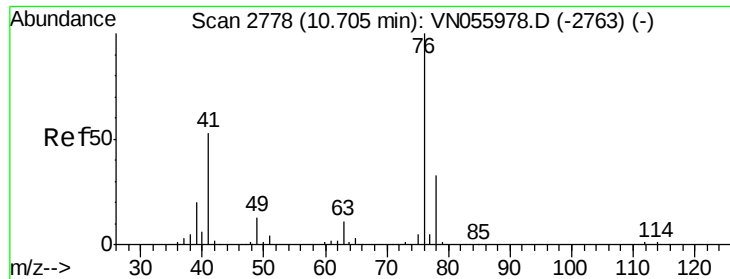


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

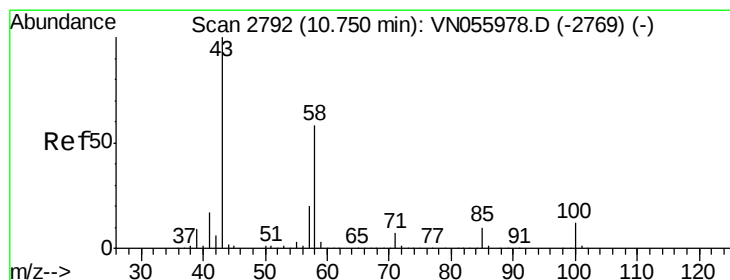
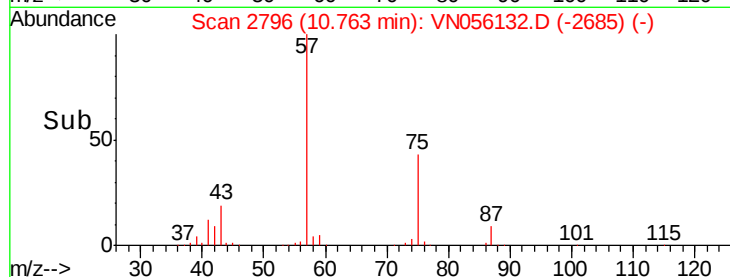
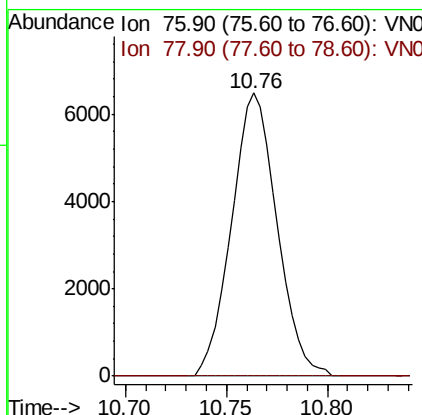
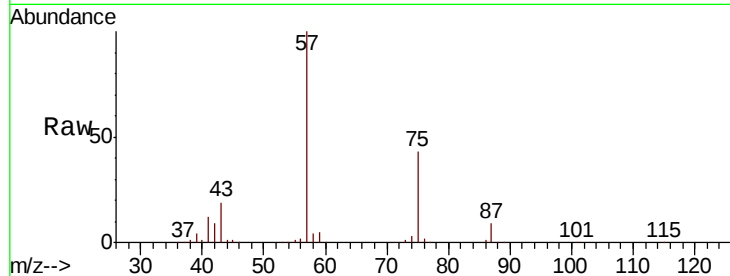




#57
 1,3-Dichloropropane
 Concen: 2.013 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056132.D
 Acq: 8 Jun 2019 6:12

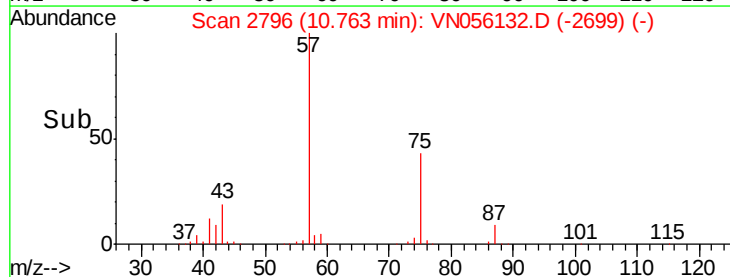
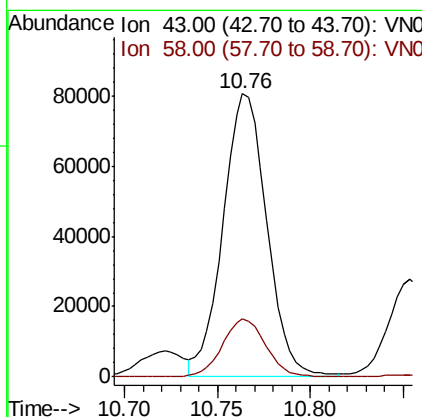
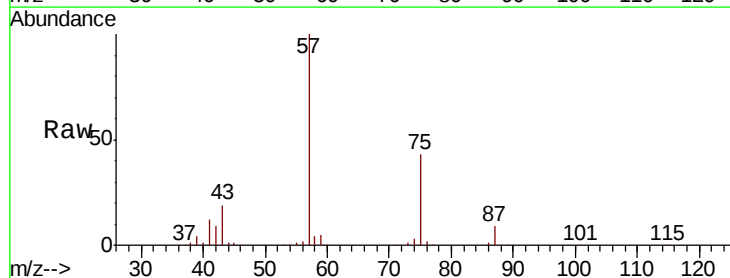
Instrument :
 MSVOA_N
 ClientSampled :
 PB120403TB

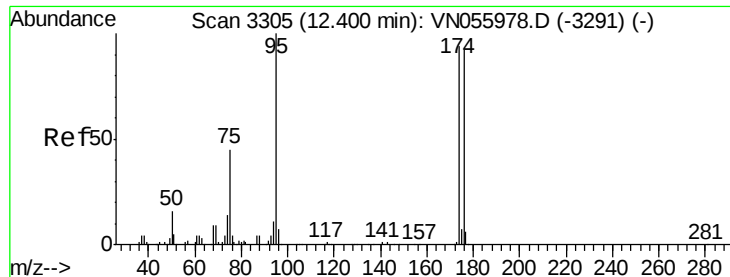
Tot Ion: 76 Resp: 10223
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



#59
 2-Hexanone
 Concen: 48.230 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056132.D
 Acq: 8 Jun 2019 6:12

Tgt Ion: 43 Resp: 131521
 Ion Ratio Lower Upper
 43 100
 58 20.4 28.2 84.7#





#62

4-Bromofluorobenzene

Concen: 49.686 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampleId :

PB120403TB

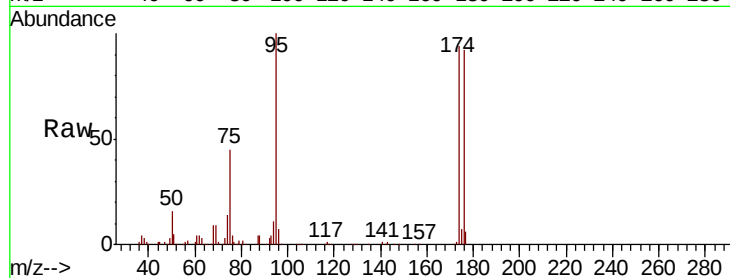
Tot Ion: 95 Resp: 193595

Ion Ratio Lower Upper

95 100

174 94.6 0.0 191.0

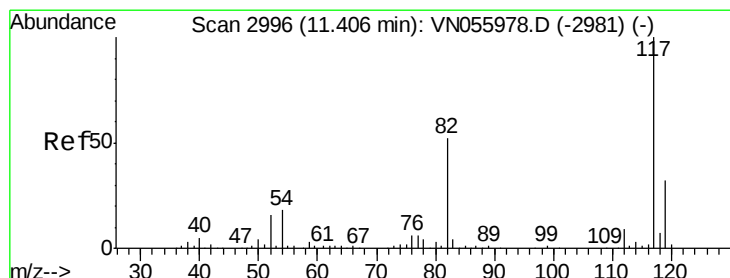
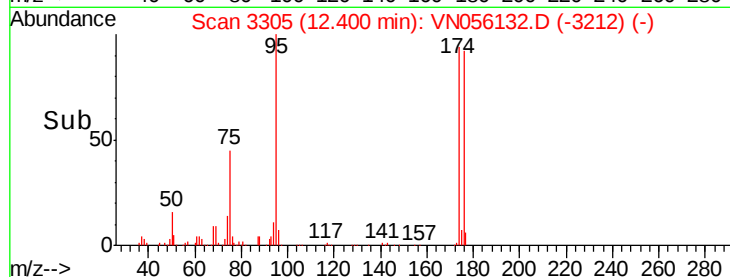
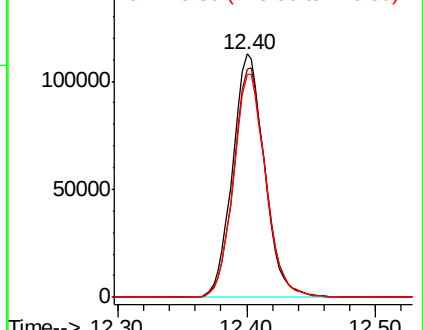
176 92.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

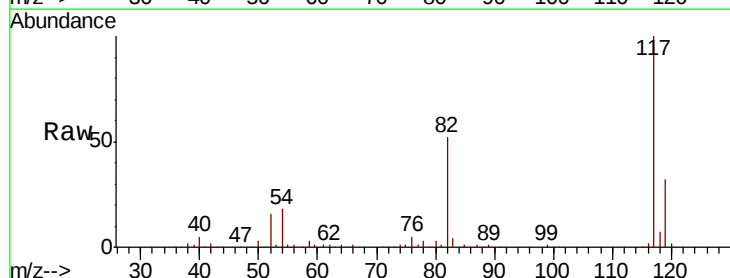
Tgt Ion: 117 Resp: 479612

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

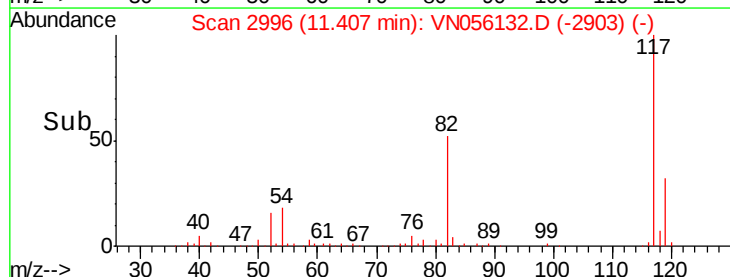
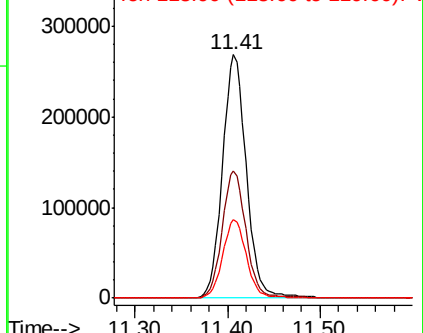
119 32.3 25.4 38.0

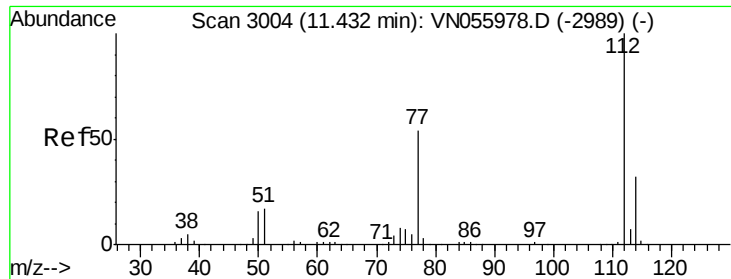


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

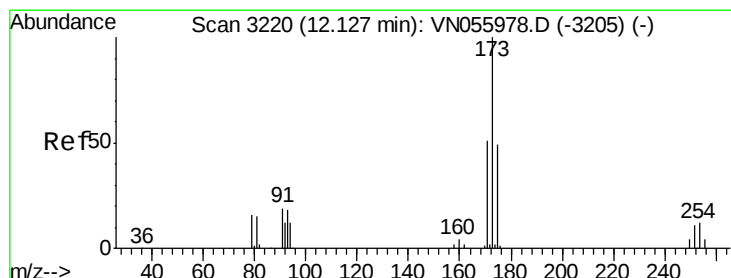
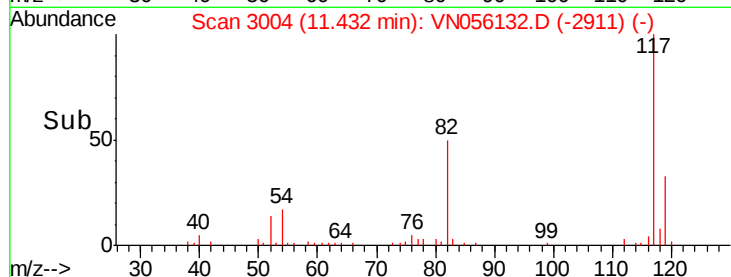
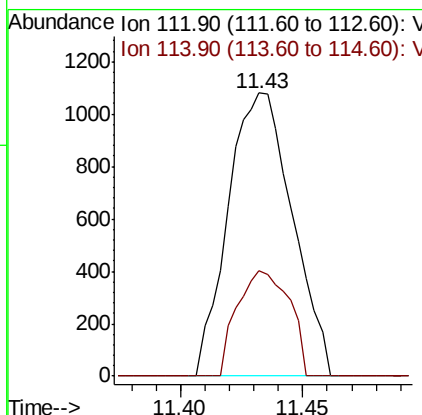
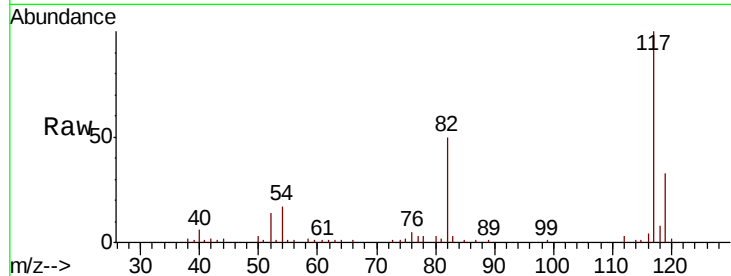




#65
Chlorobenzene
Concen: 0.206 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056132.D
Acq: 8 Jun 2019 6:12

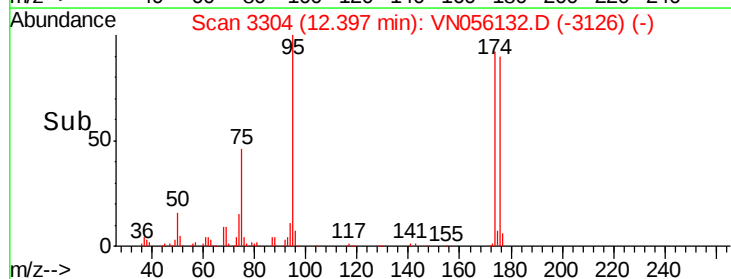
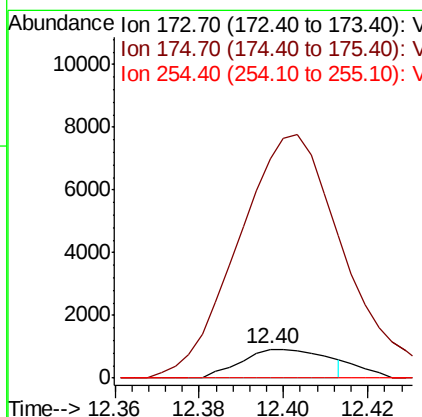
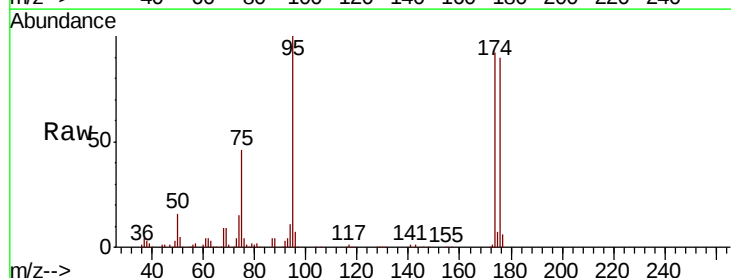
Instrument :
MSVOA_N
ClientSampled :
PB120403TB

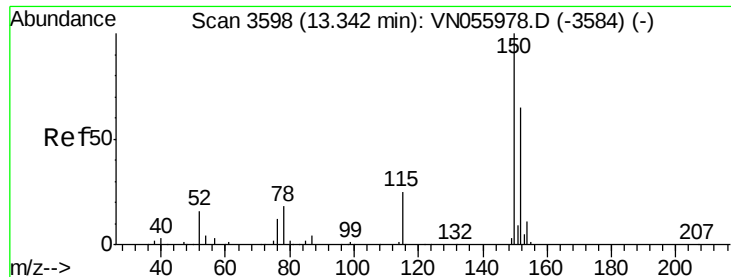
Tot Ion:112 Resp: 1969
Ion Ratio Lower Upper
112 100
114 37.2 26.2 39.4



#71
Bromoform
Concen: 3.182 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN056132.D
Acq: 8 Jun 2019 6:12

Tgt Ion:173 Resp: 1289
Ion Ratio Lower Upper
173 100
175 890.7 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: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampleId :

PB120403TB

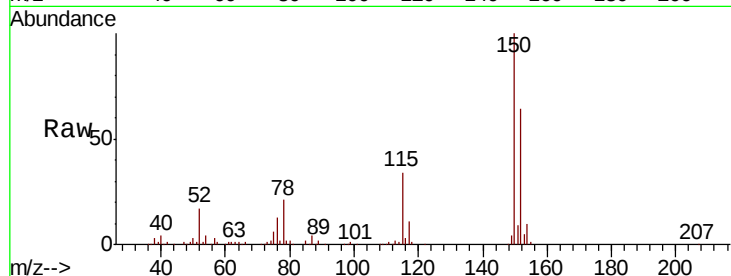
Tot Ion:152 Resp: 151623

Ion Ratio Lower Upper

152 100

115 53.2 27.0 81.0

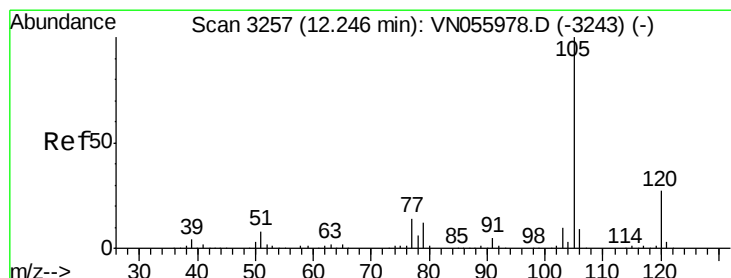
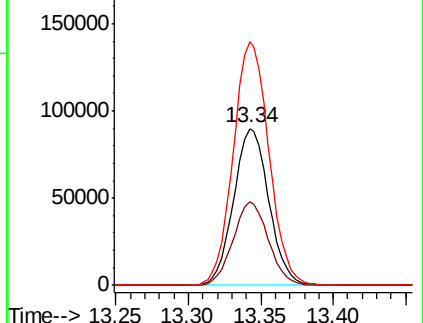
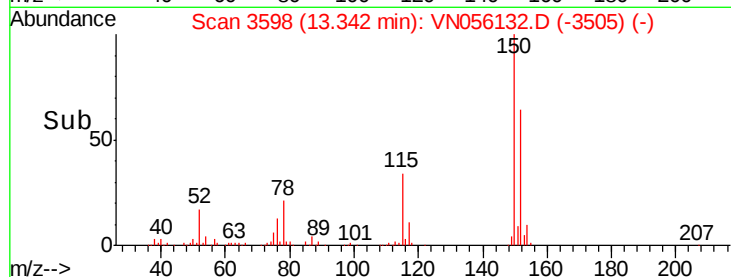
150 157.4 0.0 343.2



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# 3258

Delta R.T. 0.00 min

Lab File: VN056132.D

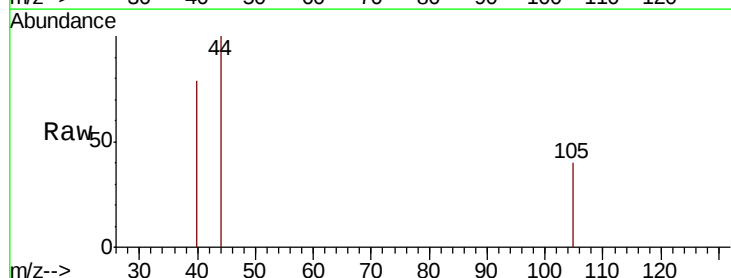
Acq: 8 Jun 2019 6:12

Tgt Ion:105 Resp: 80

Ion Ratio Lower Upper

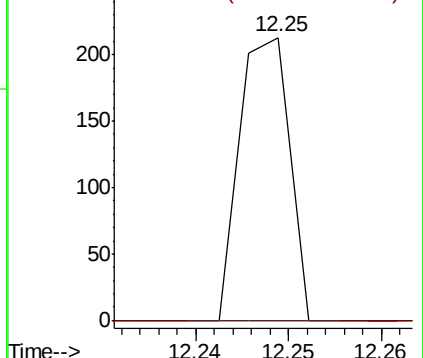
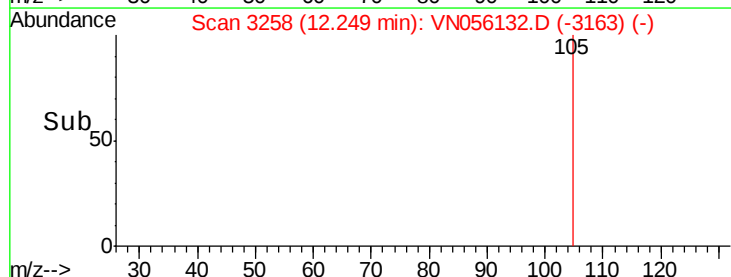
105 100

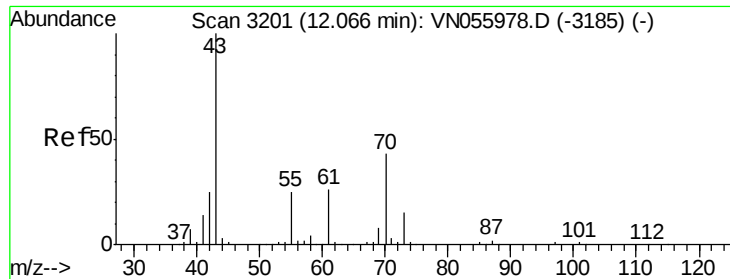
120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.399 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampleId :

PB120403TB

Tot Ion: 43 Resp: 13739

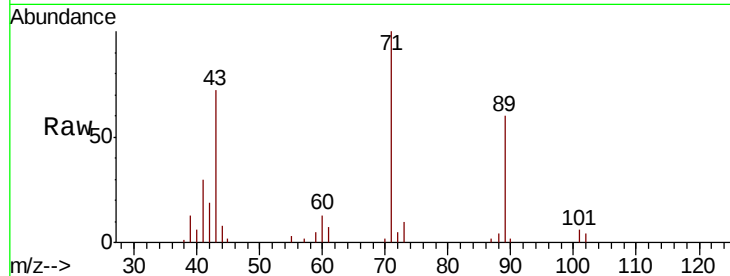
Ion Ratio Lower Upper

43 100

70 1.4 34.0 51.0#

55 2.9 18.6 28.0#

61 9.5 20.0 30.0#

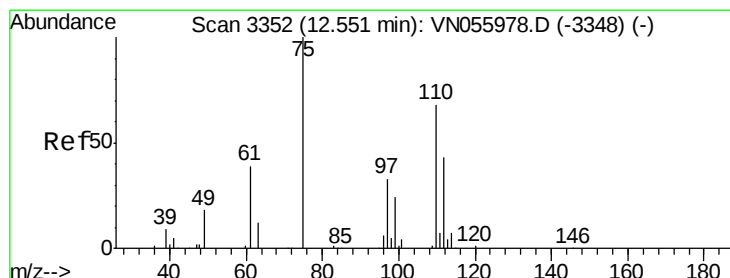
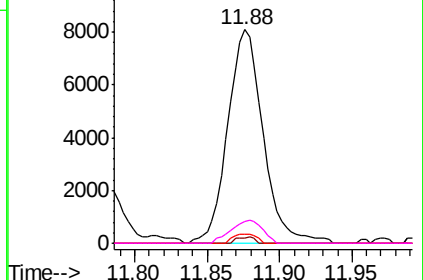
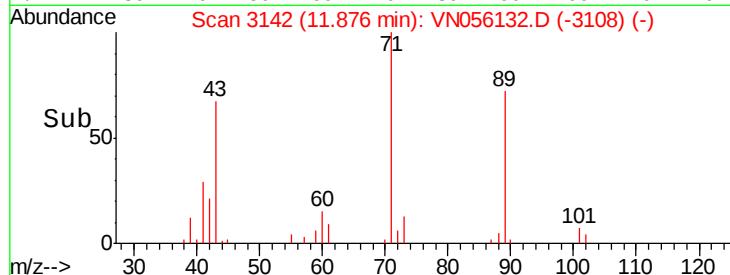


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 31.607 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056132.D

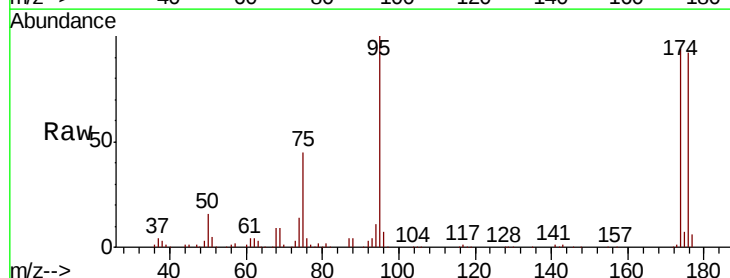
Acq: 8 Jun 2019 6:12

Tgt Ion: 75 Resp: 88180

Ion Ratio Lower Upper

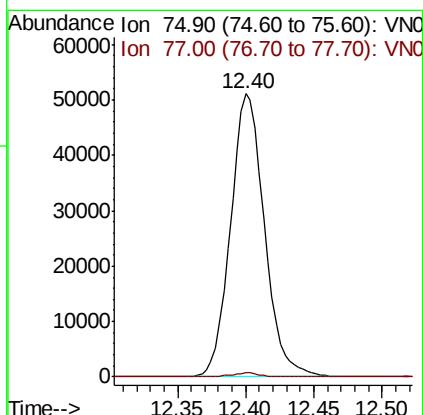
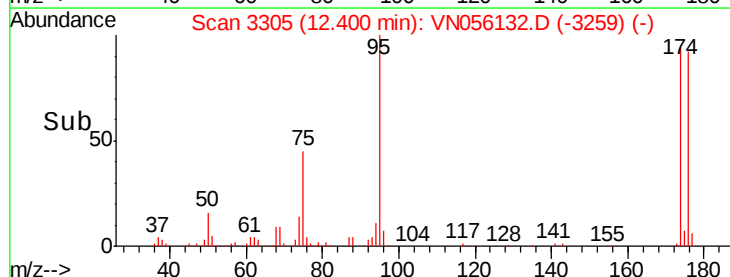
75 100

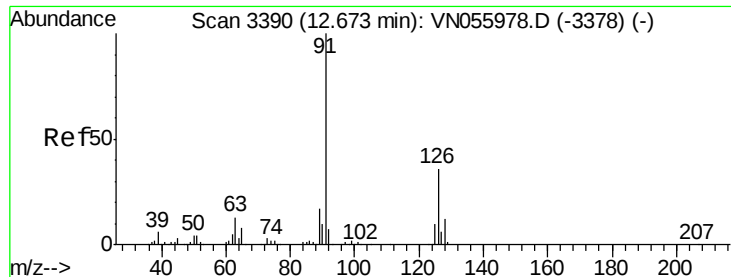
77 1.2 0.0 0.0#



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: 12.73 min Scan# 3409

Delta R.T. 0.06 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampled :

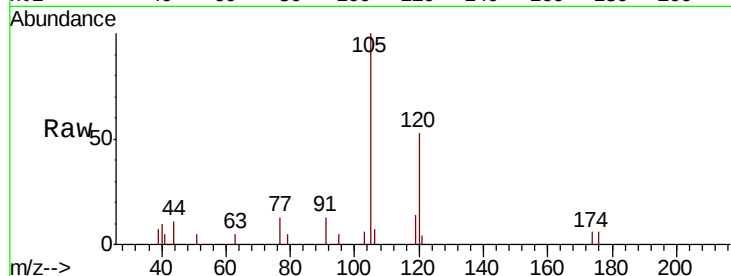
PB120403TB

Tot Ion: 91 Resp: 680

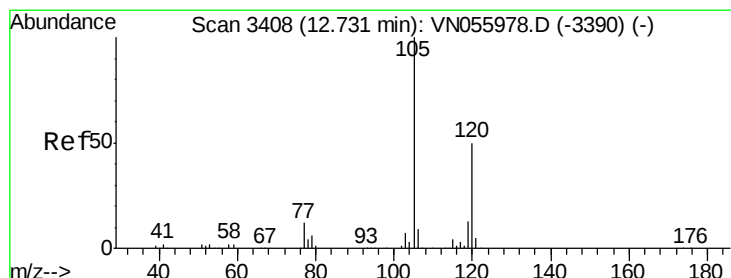
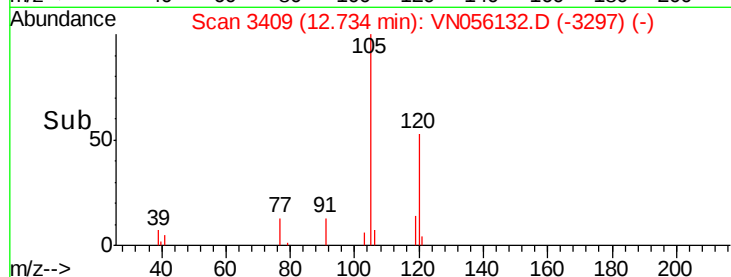
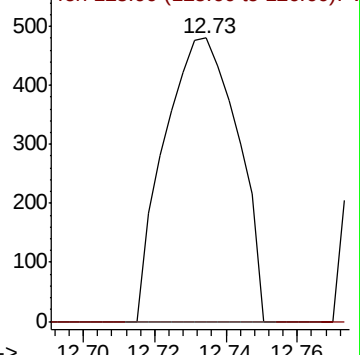
Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.604 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056132.D

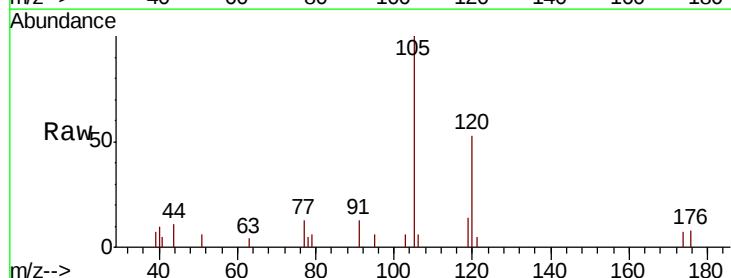
Acq: 8 Jun 2019 6:12

Tgt Ion: 105 Resp: 6160

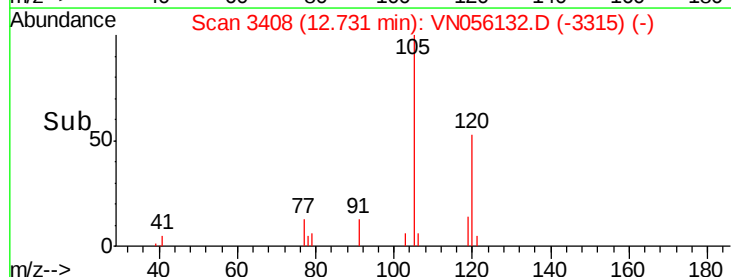
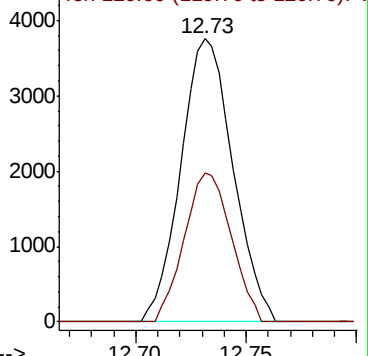
Ion Ratio Lower Upper

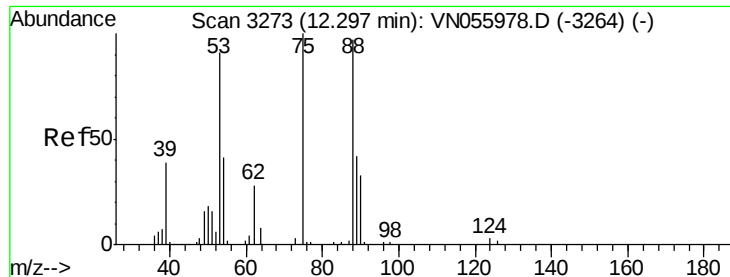
105 100

120 47.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 105.256 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

Instrument :

MSVOA_N

ClientSampleId :

PB120403TB

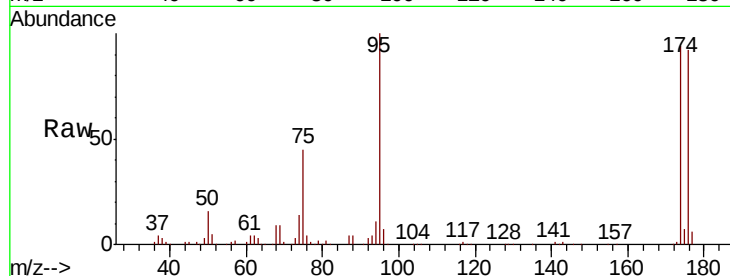
Tot Ion: 75 Resp: 88180

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

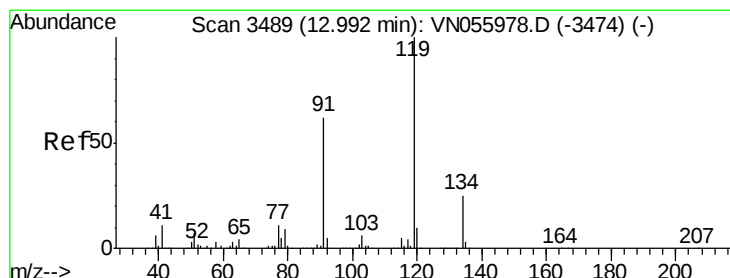
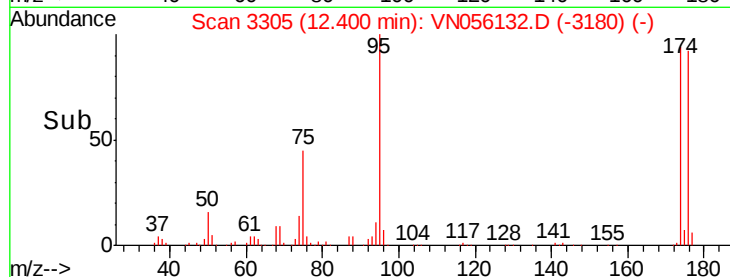
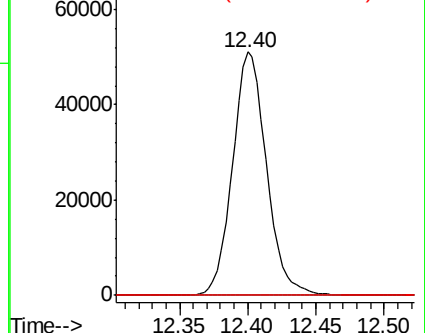
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.26 min

Lab File: VN056132.D

Acq: 8 Jun 2019 6:12

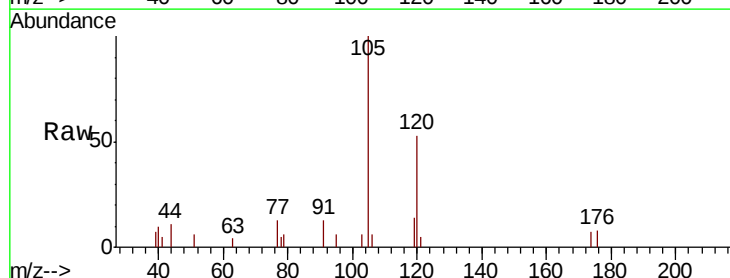
Tgt Ion: 119 Resp: 725

Ion Ratio Lower Upper

119 100

91 93.8 30.9 92.8#

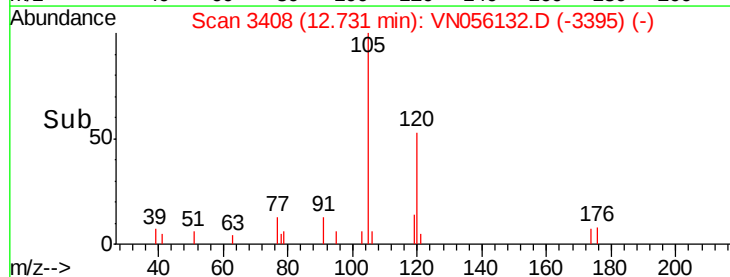
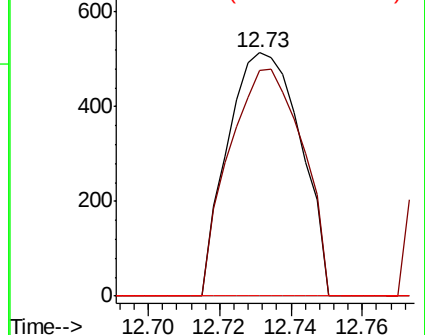
134 0.0 13.3 39.8#

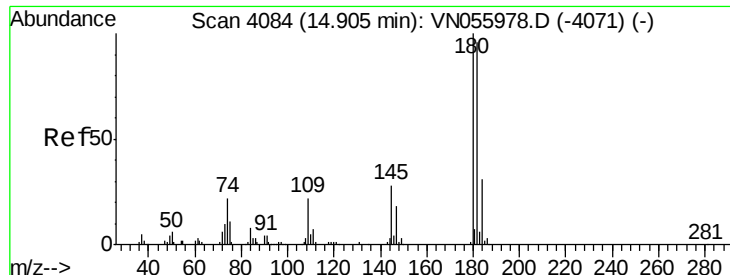


Abundance Ion 119.00 (118.70 to 119.70): VN055978.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3474) (-)

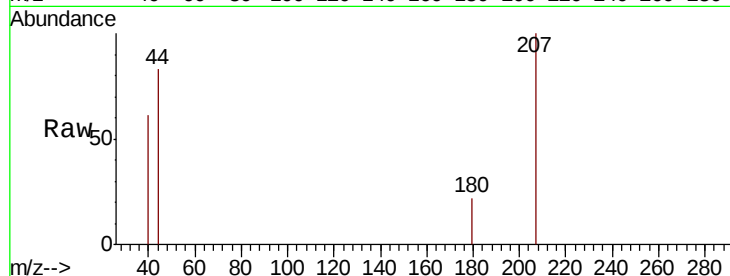




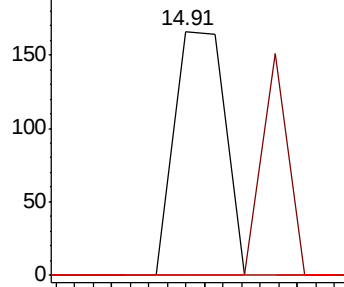
#93
 1,2,4-Trichlorobenzene
 Concen: 4.291 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056132.D
 Acq: 8 Jun 2019 6:12

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120403TB

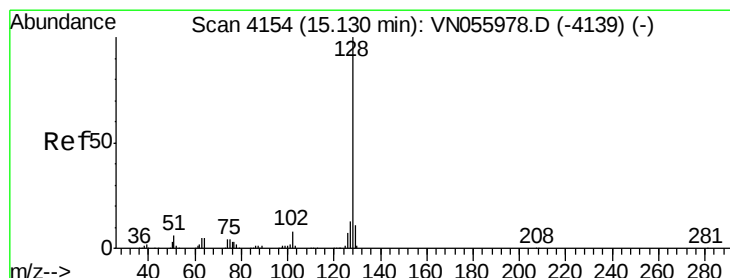
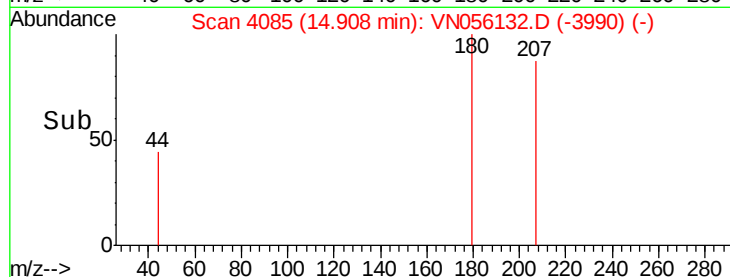
Tot Ion:180 Resp: 64
 Ion Ratio Lower Upper
 180 100
 182 45.3 48.3 144.9#
 145 0.0 14.0 41.9#



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

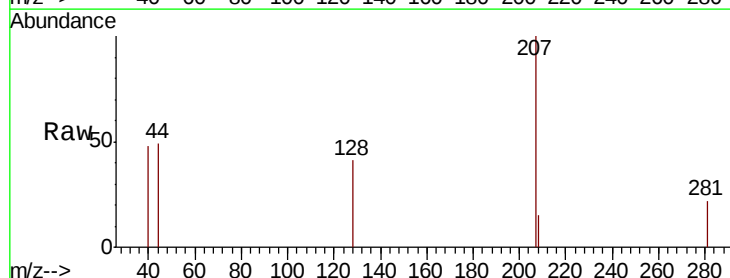


Time-->

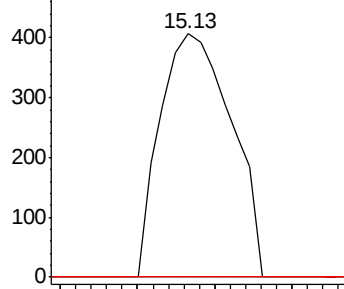


#95
 Naphthalene
 Concen: 3.918 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN056132.D
 Acq: 8 Jun 2019 6:12

Tgt Ion:128 Resp: 522
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 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



Time-->

