

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058356.D
 Acq On : 25 Sep 2019 11:07
 Operator : JC/SP
 Sample : PB123322TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123322TB

Quant Time: Sep 26 01:07:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	427152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	702306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	600171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	313925	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	7.57	113	218016	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.08	98	889614	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.41	95	287041	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	

Target Compounds

					Qvalue	
3) Chloromethane	2.04	50	614	Below Cal	#	72
5) Bromomethane	2.53	94	137	0.809	ug/l #	4
6) Chloroethane	2.69	64	95	Below Cal	#	44
8) Diethyl Ether	3.39	74	574	0.262	ug/l	88
16) Acetone	3.80	43	15382	7.617	ug/l	97
17) Carbon Disulfide	4.03	76	1237	0.604	ug/l #	74
18) Methyl Acetate	4.31	43	2369	0.446	ug/l	92
20) Methylene Chloride	4.53	84	23800	6.539	ug/l	95
21) trans-1,2-Dichloroethene	5.02	96	101	Below Cal	#	43
25) 2-Butanone	6.83	43	2017	0.733	ug/l #	88
29) Tetrahydrofuran	7.19	42	557	0.329	ug/l #	53
31) Cyclohexane	7.65	56	11146	Below Cal	#	20
36) 1,1-Dichloropropene	7.65	75	37329	7.370	ug/l #	51
38) Carbon Tetrachloride	7.65	117	43441	8.533	ug/l #	14
41) Methacrylonitrile	7.19	41	146	0.965	ug/l #	100
43) Isopropyl Acetate	8.15	43	97509	9.933	ug/l #	92
45) 1,2-Dichloropropane	9.25	63	1868	0.404	ug/l #	45
48) Methyl methacrylate	9.17	41	6276	1.408	ug/l #	14
49) 1,4-Dioxane	9.26	88	138	1.886	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7269	1.394	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	40810	6.133	ug/l #	68
57) 1,3-Dichloropropane	10.76	76	6717	0.908	ug/l #	43
59) 2-Hexanone	10.76	43	109628	28.311	ug/l #	54
68) m/p-Xylenes	11.63	106	1729	0.254	ug/l	87
71) Bromoform	12.39	173	248	3.676	ug/l #	1
74) N-amyl acetate	12.04	43	3096	0.481	ug/l #	48
76) 1,2,3-Trichloropropane	12.41	75	158390	35.986	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	5649	0.434	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.41	75	158390	100.504	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.05	105	3470	0.268	ug/l	86
87) 1,3-Dichlorobenzene	13.30	146	1477	0.209	ug/l #	35
88) 1,4-Dichlorobenzene	13.36	146	1854	0.257	ug/l #	1
89) n-Butylbenzene	13.62	91	3123	0.244	ug/l	93
90) Hexachloroethane	14.00	117	386	2.977	ug/l #	12

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

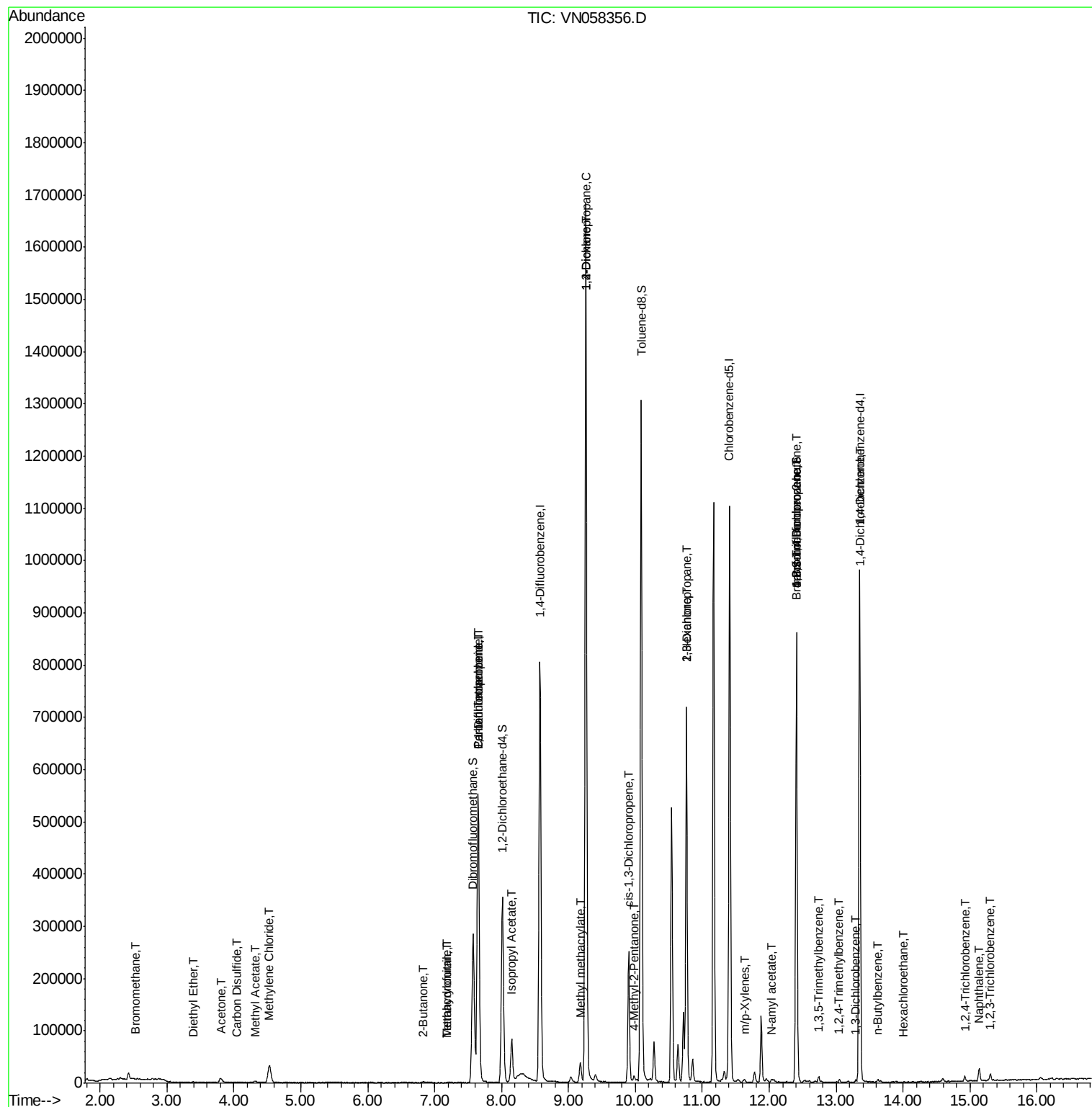
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	3215	0.709	ug/l	95
95) Naphthalene	15.14	128	19830	1.688	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	4229	0.987	ug/l	94

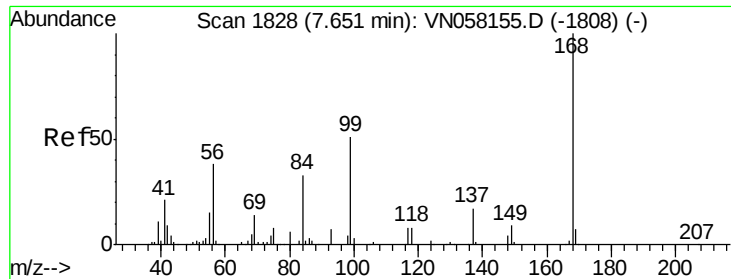
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

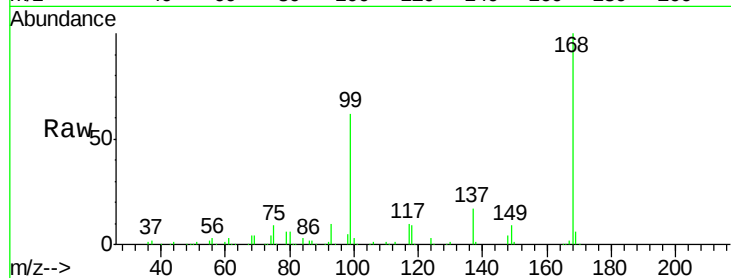
PB123322TB

Tot Ion:168 Resp: 427152

Ion Ratio Lower Upper

168 100

99 61.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

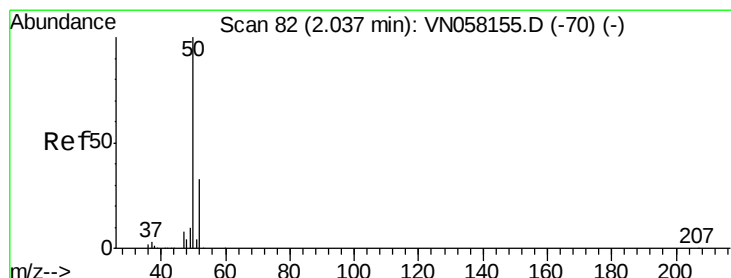
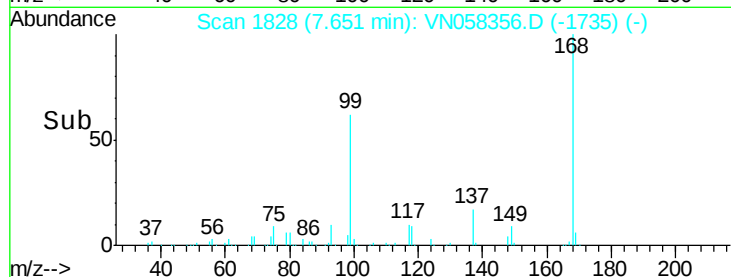
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058356.D

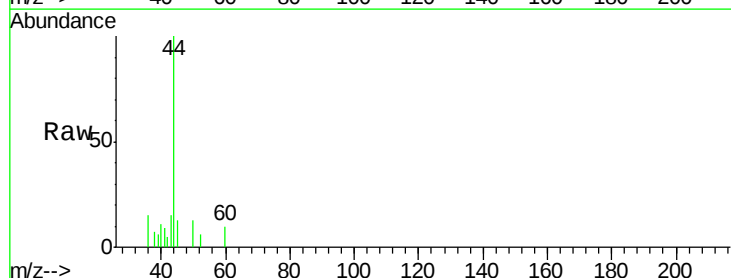
Acq: 25 Sep 2019 11:07

Tgt Ion: 50 Resp: 614

Ion Ratio Lower Upper

50 100

52 48.7 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

400

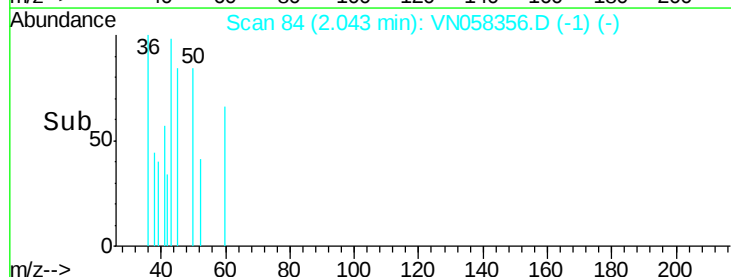
300

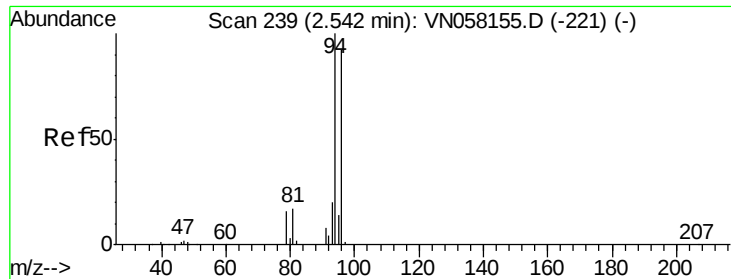
200

100

0

Time-->





#5

Bromomethane

Concen: 0.809 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.02 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

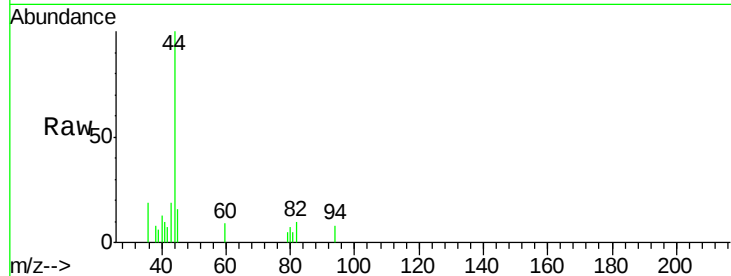
PB123322TB

Tot Ion: 94 Resp: 137

Ion Ratio Lower Upper

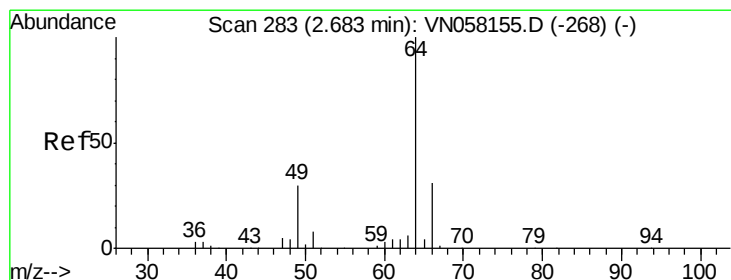
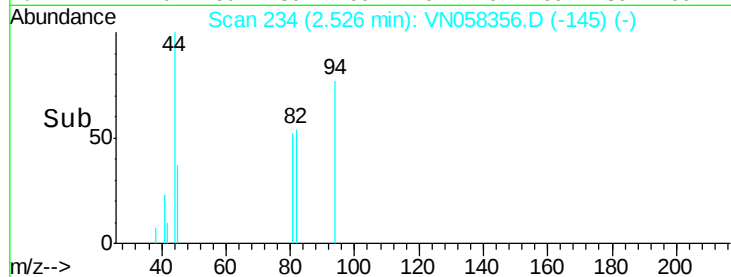
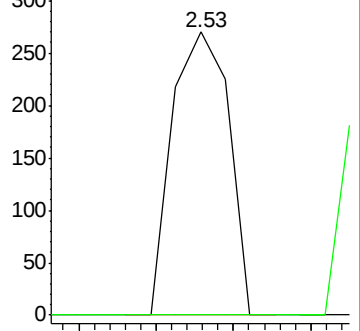
94 100

96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: Below Cal

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN058356.D

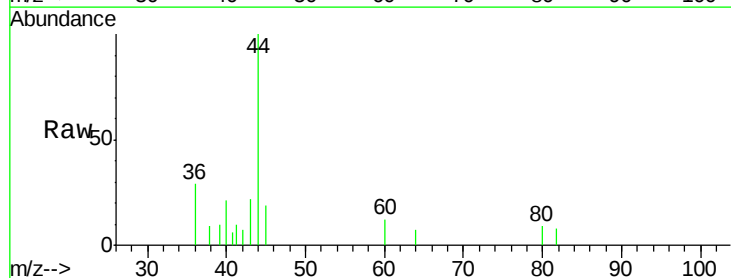
Acq: 25 Sep 2019 11:07

Tgt Ion: 64 Resp: 95

Ion Ratio Lower Upper

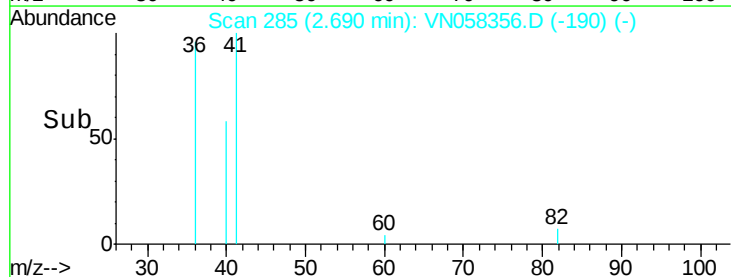
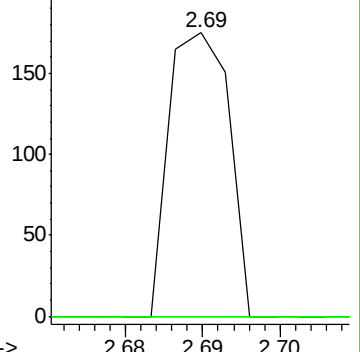
64 100

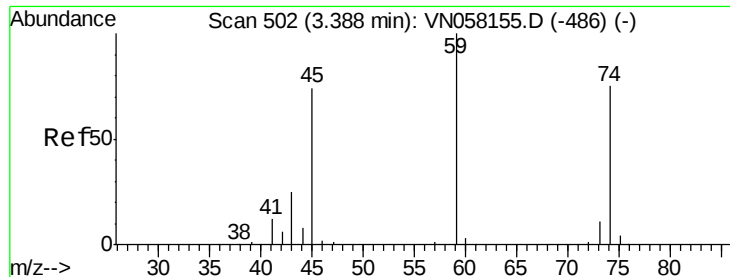
66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#8

Diethyl Ether

Concen: 0.262 ug/l

RT: 3.39 min Scan# 504

Delta R.T. 0.01 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

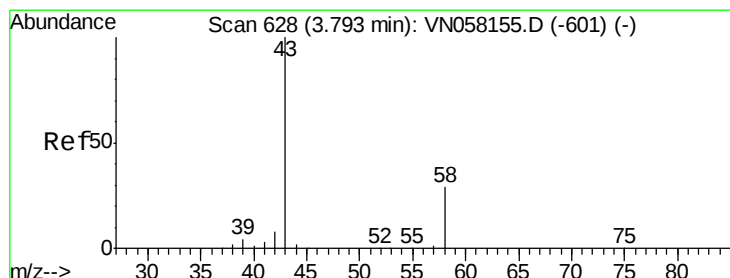
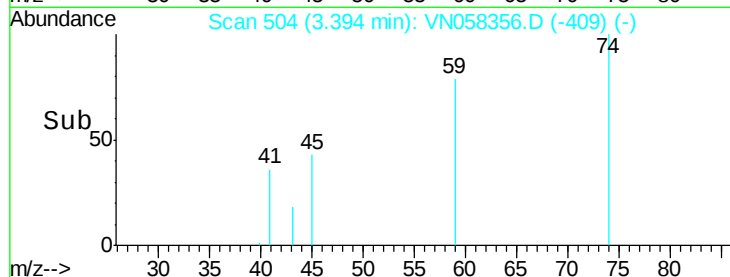
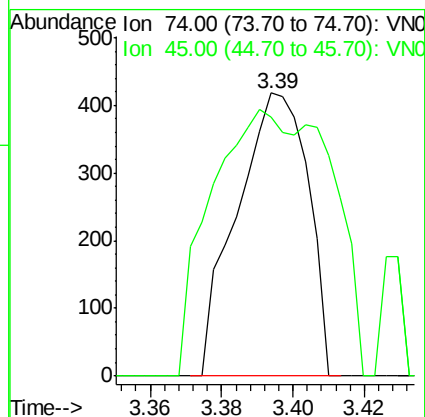
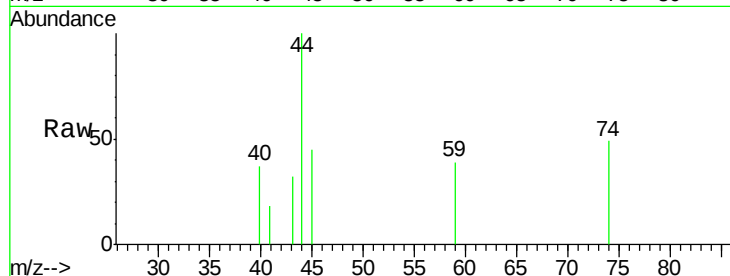
PB123322TB

Tot Ion: 74 Resp: 574

Ion Ratio Lower Upper

74 100

45 108.5 48.5 145.5



#16

Acetone

Concen: 7.617 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058356.D

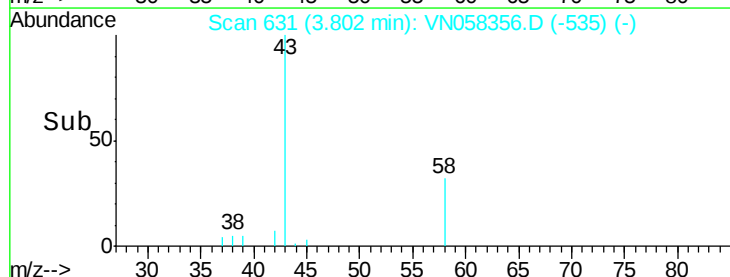
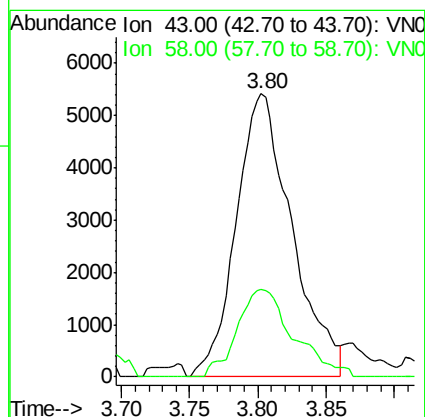
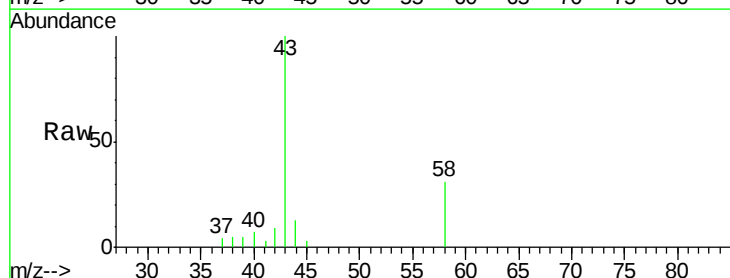
Acq: 25 Sep 2019 11:07

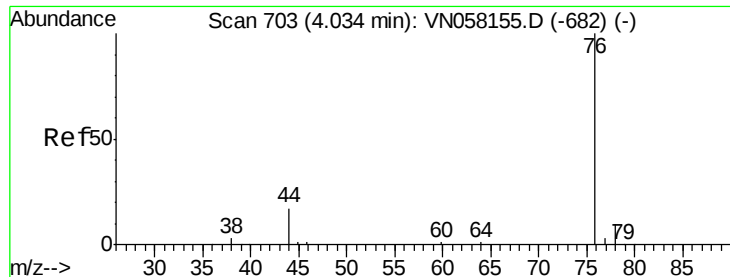
Tgt Ion: 43 Resp: 15382

Ion Ratio Lower Upper

43 100

58 31.1 23.4 35.2

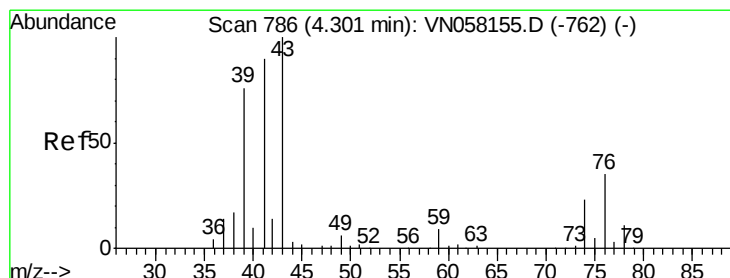
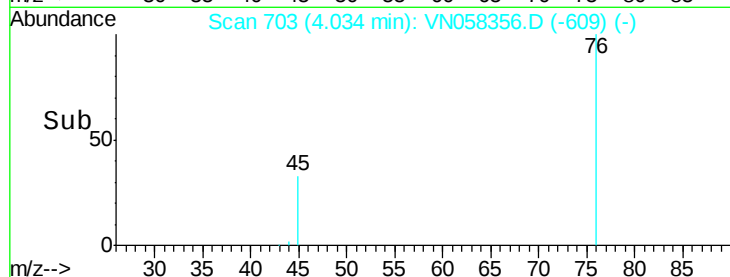
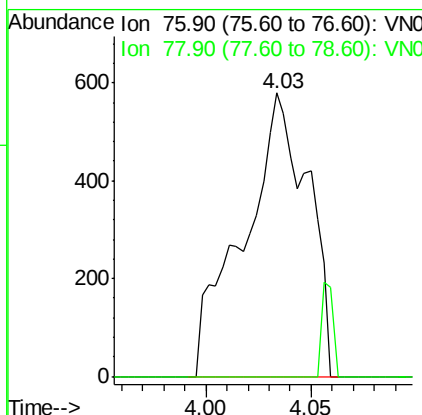
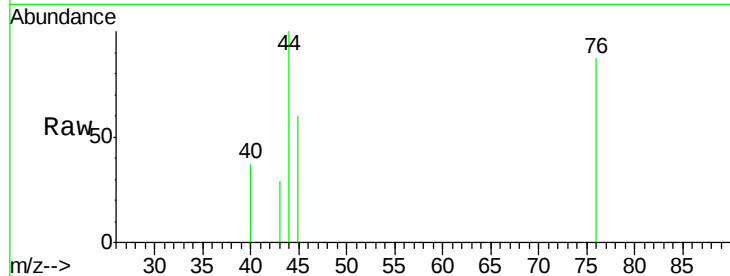




#17
Carbon Disulfide
Concen: 0.604 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

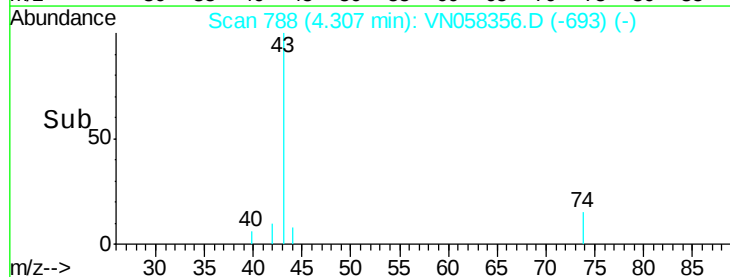
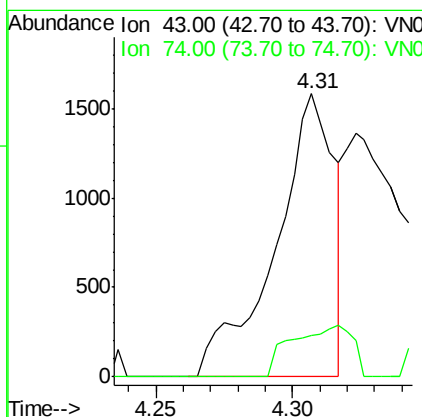
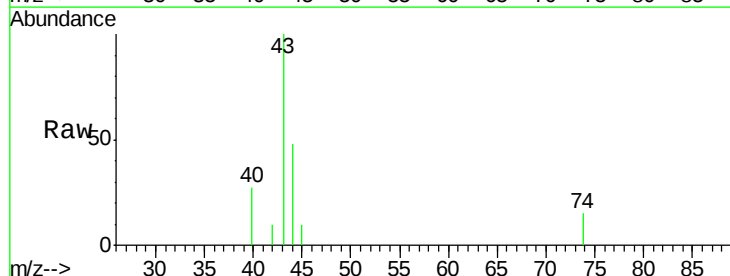
Instrument :
MSVOA_N
ClientSampled :
PB123322TB

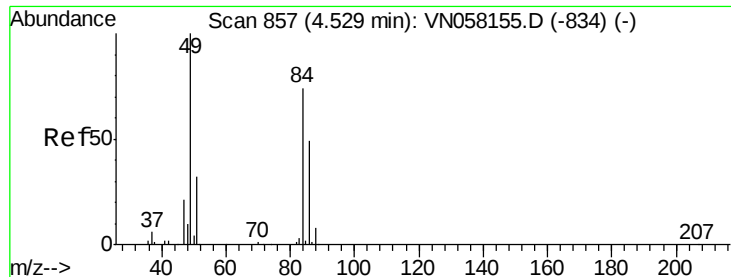
Tot Ion: 76 Resp: 1237
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: 0.446 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

Tgt Ion: 43 Resp: 2369
Ion Ratio Lower Upper
43 100
74 18.7 18.0 27.0

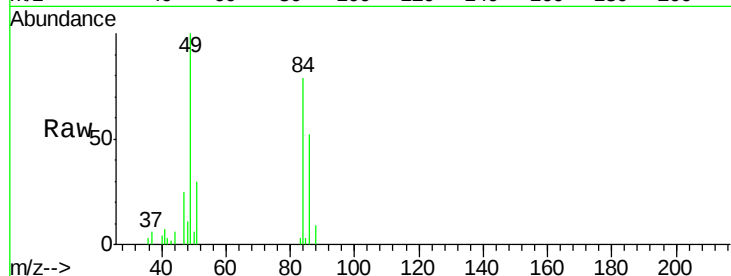




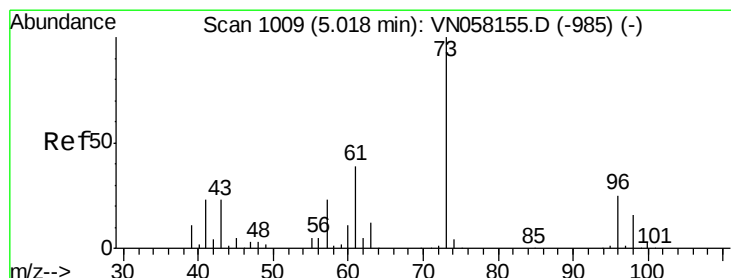
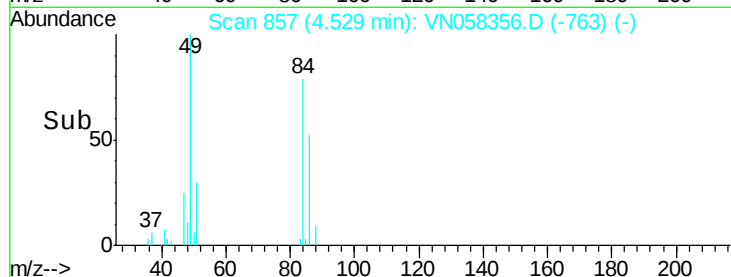
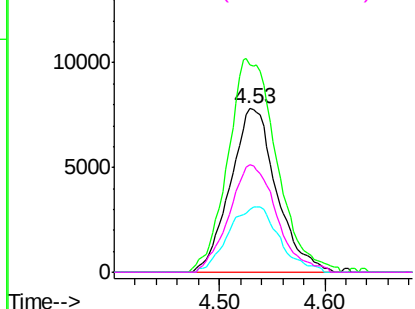
#20
Methvlene Chloride
Concen: 6.539 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
PB123322TB

Tot Ion: 84 Resp: 23800
Ion Ratio Lower Upper
84 100
49 126.8 107.5 161.3
51 38.4 33.9 50.9
86 65.9 52.4 78.6

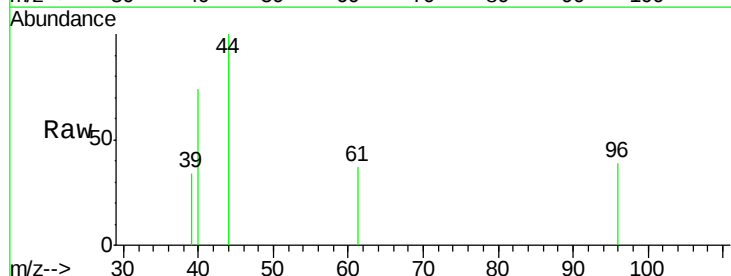


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

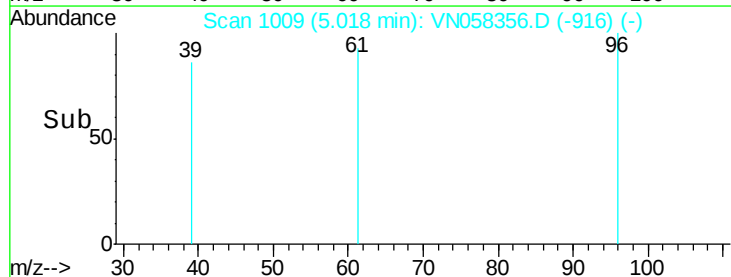
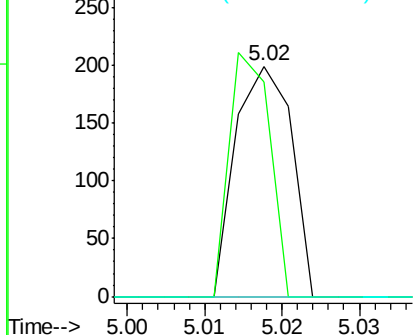


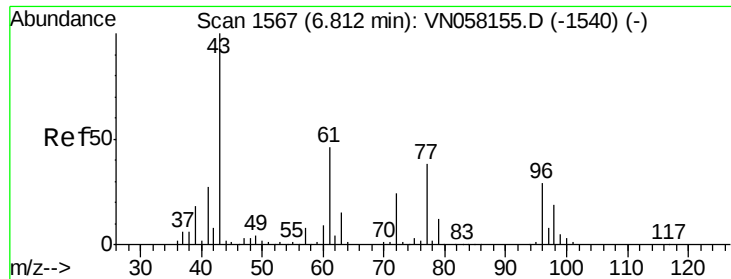
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

Tgt Ion: 96 Resp: 101
Ion Ratio Lower Upper
96 100
61 93.0 122.2 183.4#
98 0.0 49.9 74.9#



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#25

2-Butanone

Concen: 0.733 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.02 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

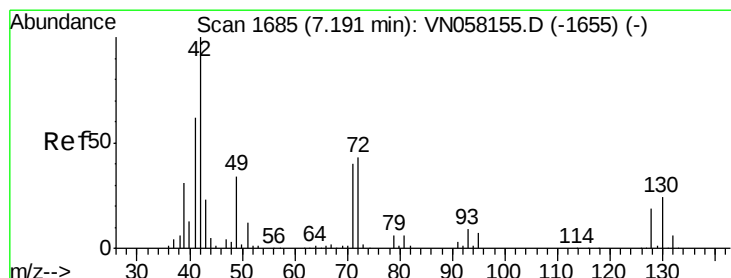
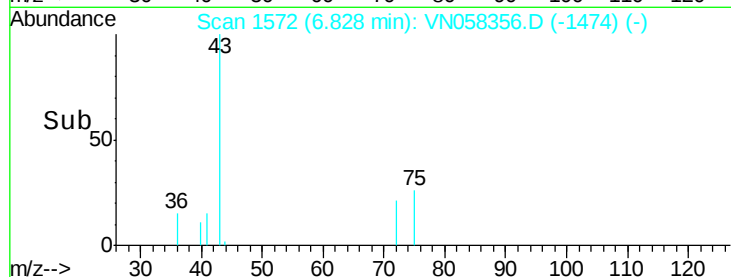
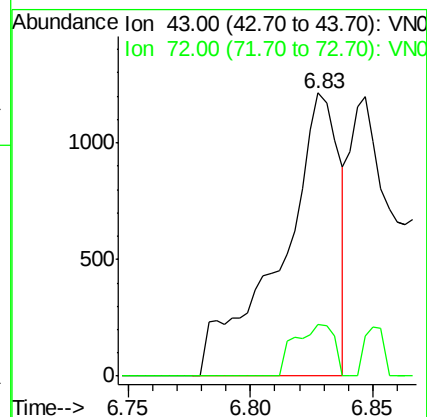
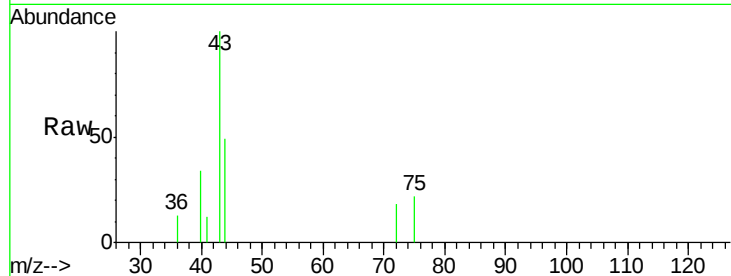
PB123322TB

Tot Ion: 43 Resp: 2017

Ion Ratio Lower Upper

43 100

72 18.3 19.5 29.3#



#29

Tetrahydrofuran

Concen: 0.329 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

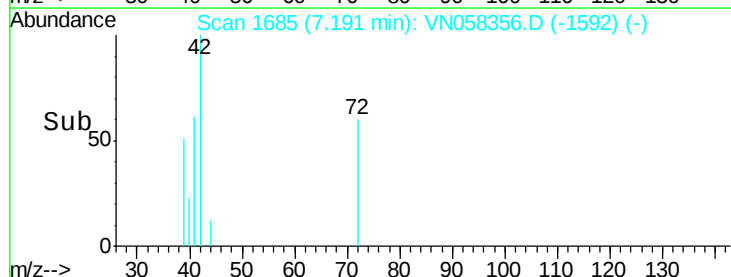
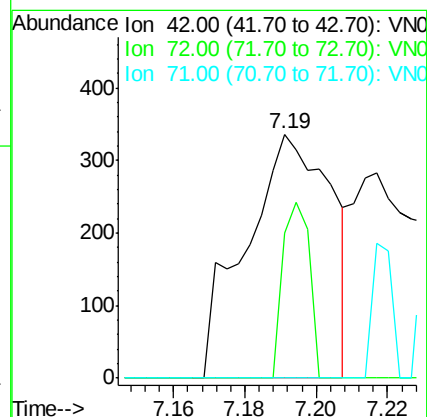
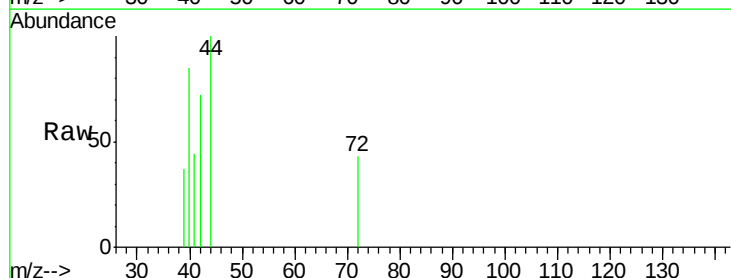
Tgt Ion: 42 Resp: 557

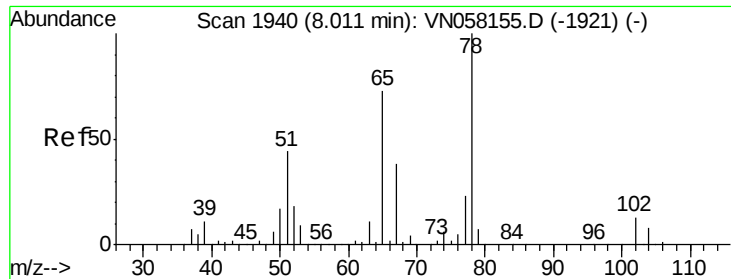
Ion Ratio Lower Upper

42 100

72 22.4 33.8 50.6#

71 0.0 31.4 47.0#





#33

1,2-Dichloroethane-d4

Concen: 52.766 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

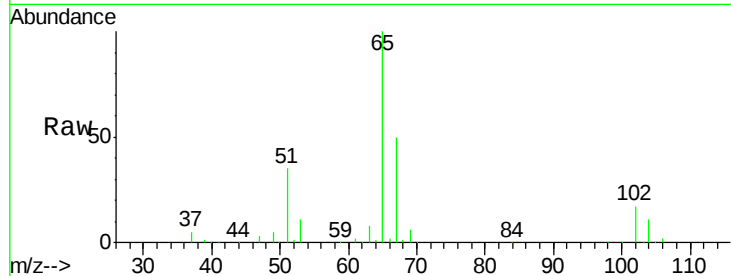
PB123322TB

Tot Ion: 65 Resp: 313925

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN058155.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN058155.D (-1921) (-)

8.01

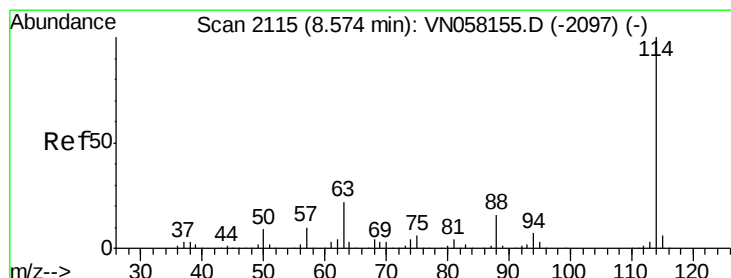
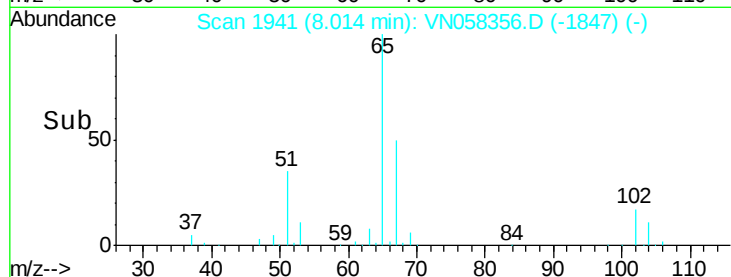
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

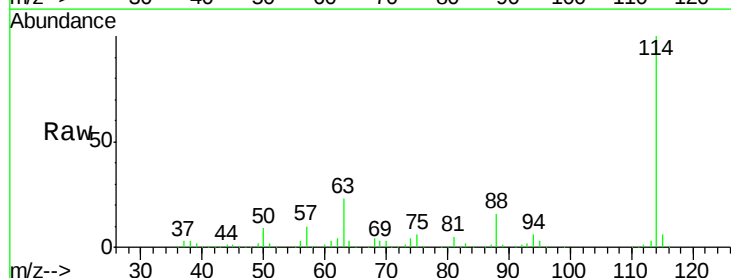
Tgt Ion: 114 Resp: 702306

Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.2

88 16.3 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN058155.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN058155.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN058155.D (-2097) (-)

8.57

400000

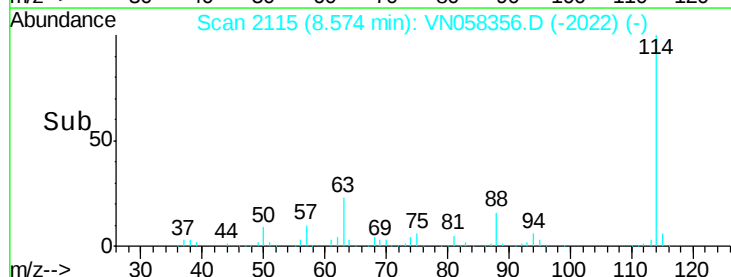
300000

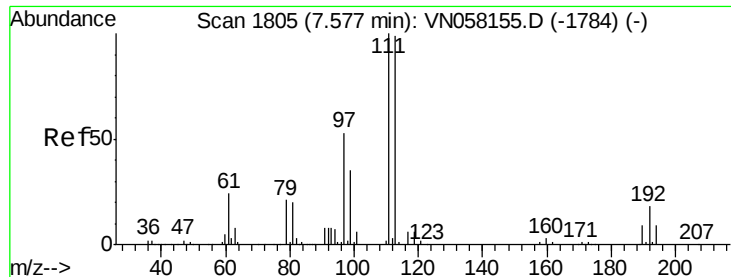
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.064 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

PB123322TB

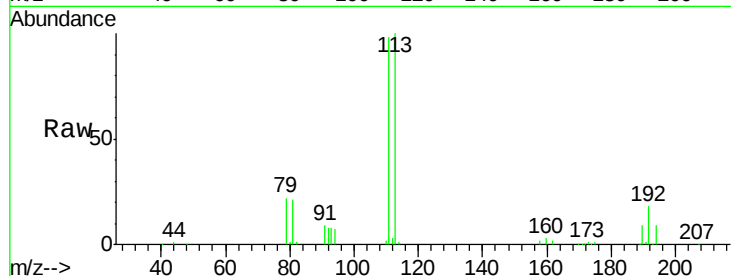
Tot Ion:113 Resp: 218016

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

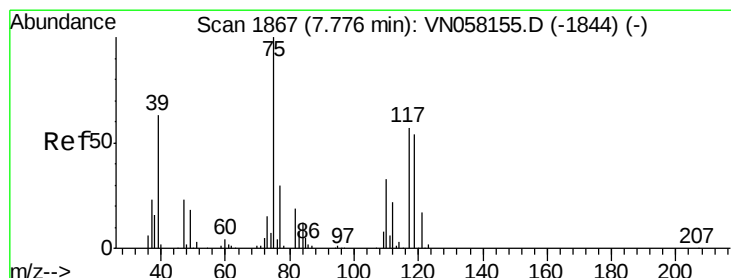
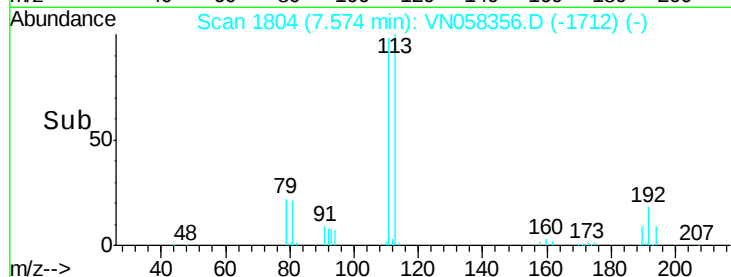
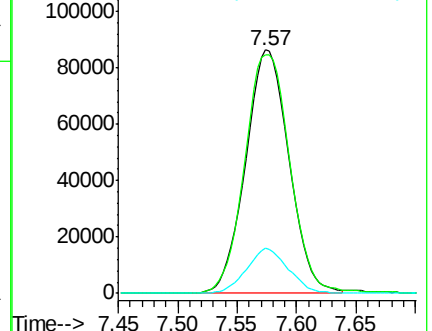
192 17.8 14.5 21.7



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: 7.370 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.13 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

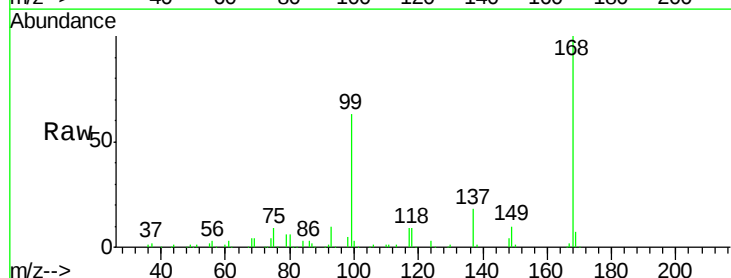
Tgt Ion: 75 Resp: 37329

Ion Ratio Lower Upper

75 100

110 9.3 16.6 49.7#

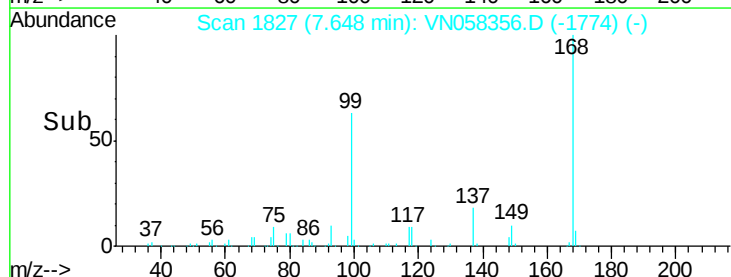
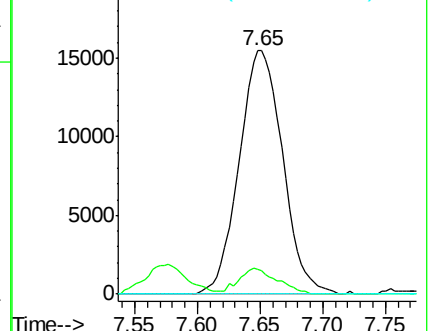
77 0.0 24.3 36.5#

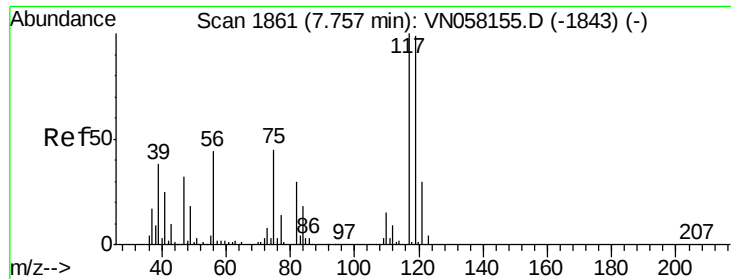


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 8.533 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

PB123322TB

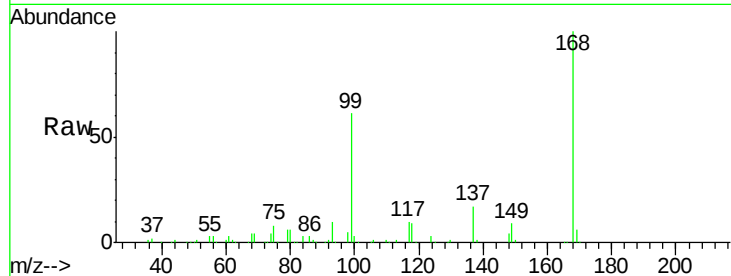
Tot Ion:117 Resp: 43441

Ion Ratio Lower Upper

117 100

119 3.8 78.6 117.8#

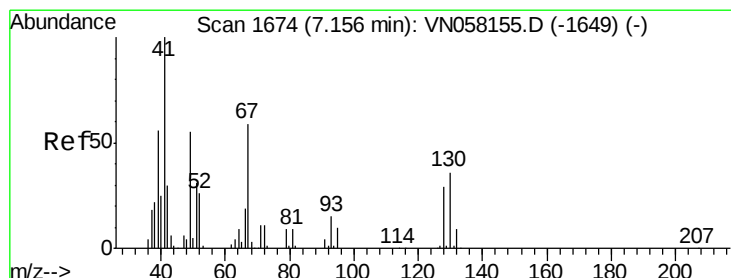
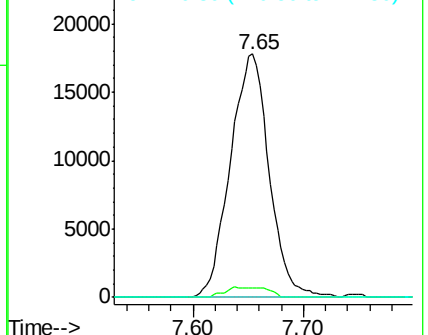
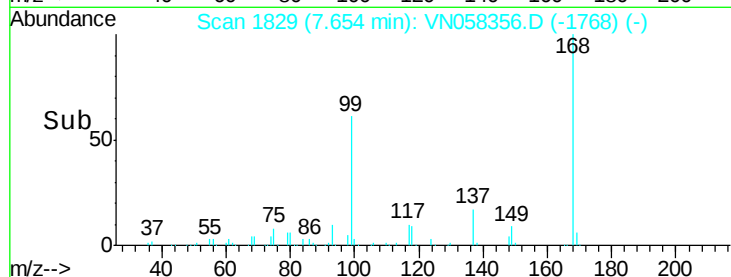
121 0.0 24.1 36.1#



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: 0.965 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.04 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Tgt Ion: 41 Resp: 146

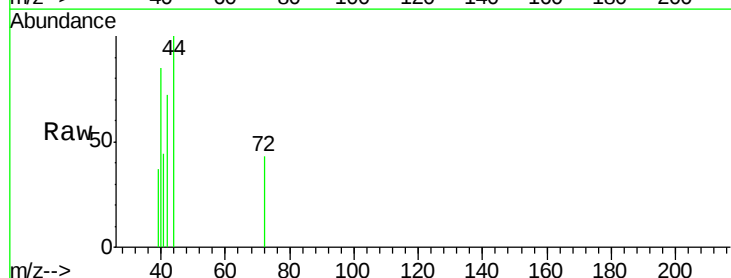
Ion Ratio Lower Upper

41 100

39 22.6 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

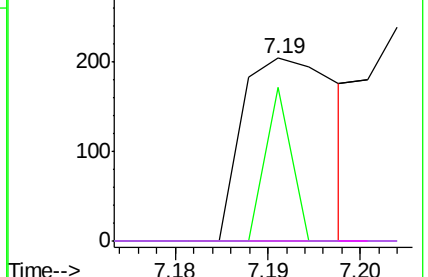
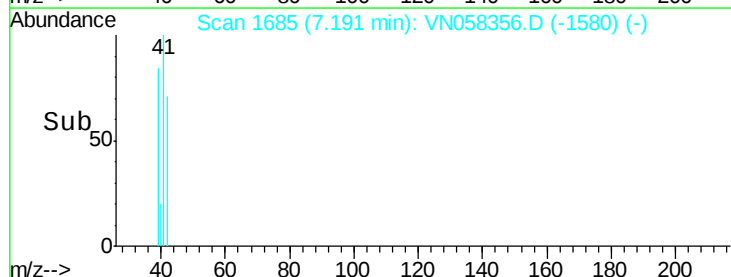


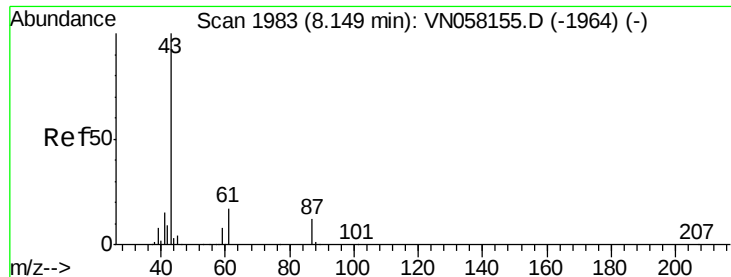
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 9.933 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

PB123322TB

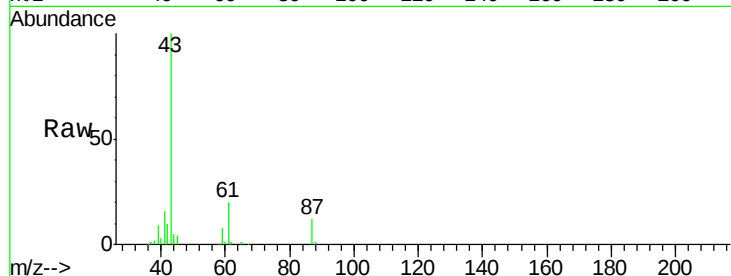
Tot Ion: 43 Resp: 97509

Ion Ratio Lower Upper

43 100

61 19.2 19.7 29.5#

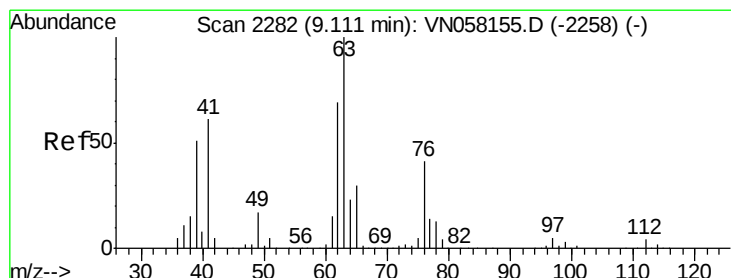
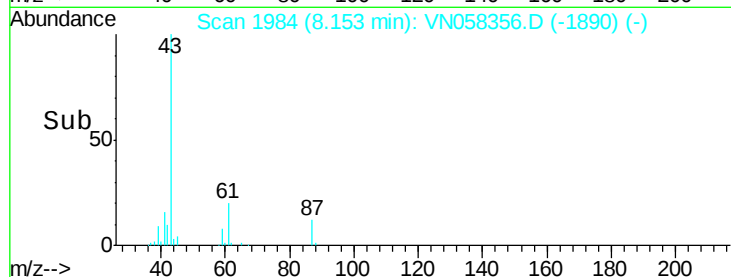
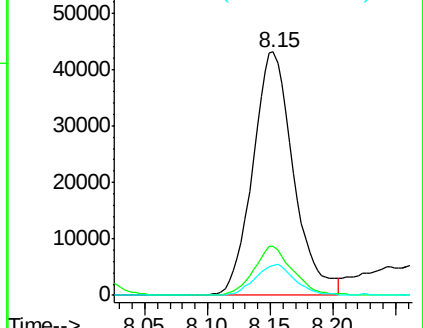
87 12.3 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN058155.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN058155.D (-1964) (-)



#45

1,2-Dichloropropane

Concen: 0.404 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.14 min

Lab File: VN058356.D

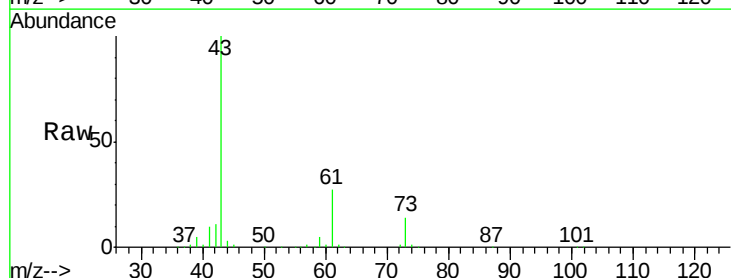
Acq: 25 Sep 2019 11:07

Tgt Ion: 63 Resp: 1868

Ion Ratio Lower Upper

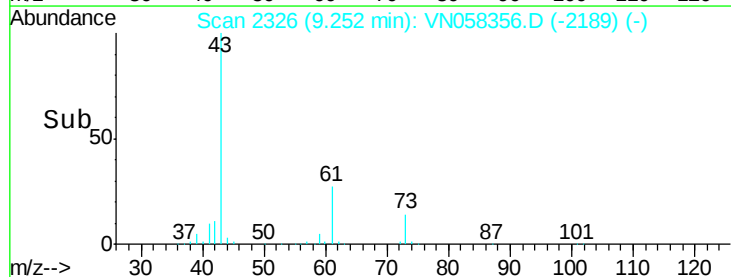
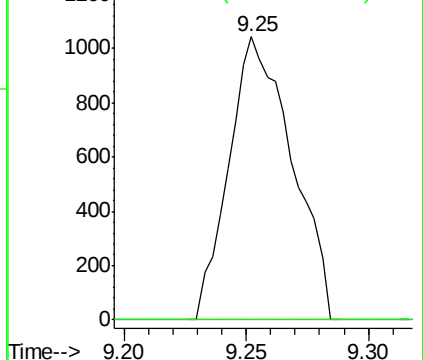
63 100

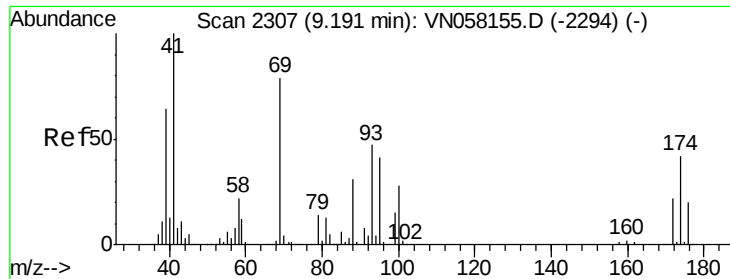
65 0.0 23.8 35.6#



Abundance Ion 62.90 (62.60 to 63.60): VN058155.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN058155.D (-2258) (-)

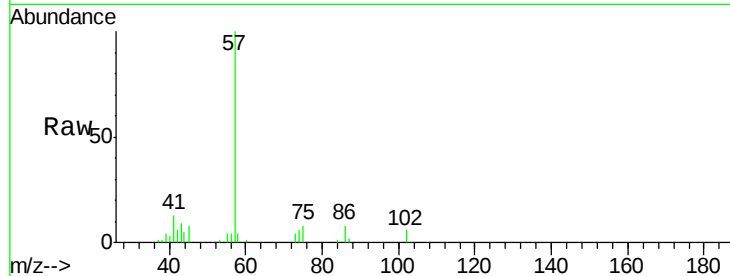




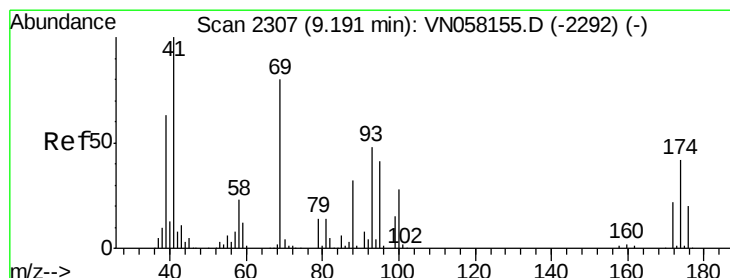
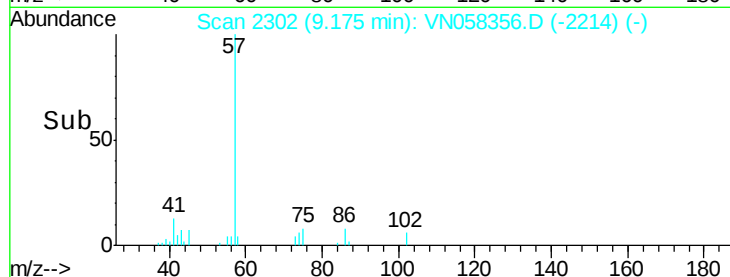
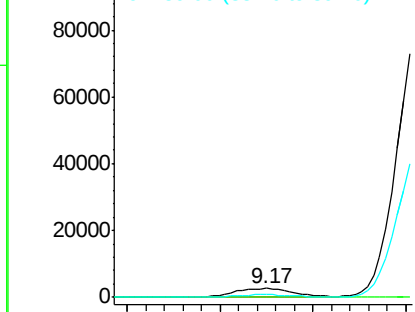
#48
Methyl methacrylate
Concen: 1.408 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
PB123322TB

Tot Ion: 41 Resp: 6276
Ion Ratio Lower Upper
41 100
69 0.0 62.5 93.7#
39 0.0 52.3 78.5#

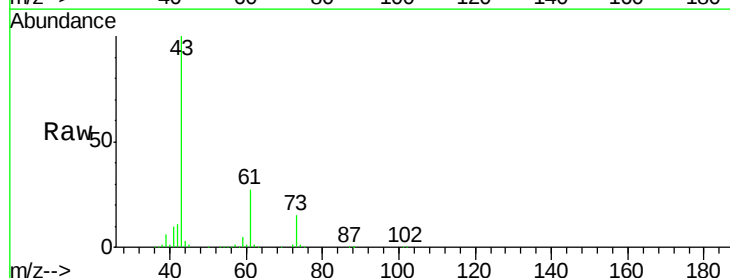


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

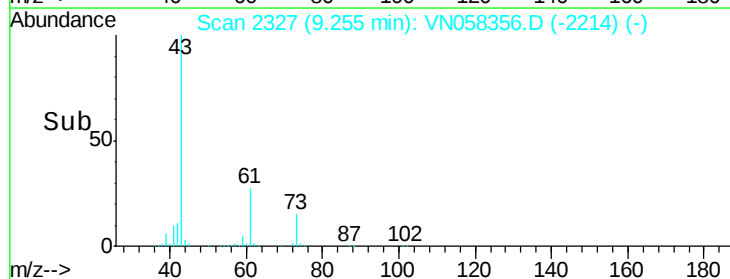
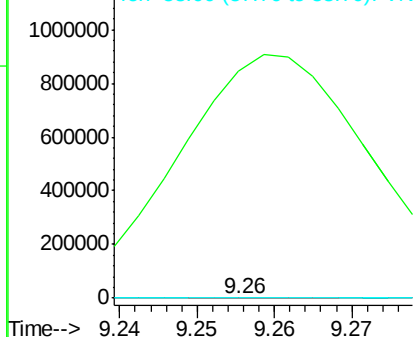


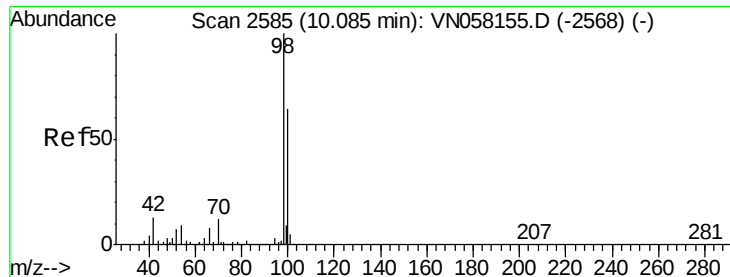
#49
1,4-Dioxane
Concen: 1.886 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.06 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

Tgt Ion: 88 Resp: 138
Ion Ratio Lower Upper
88 100
43 1210373.2 27.8 41.8#
58 5139.9 55.0 82.4#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 53.480 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

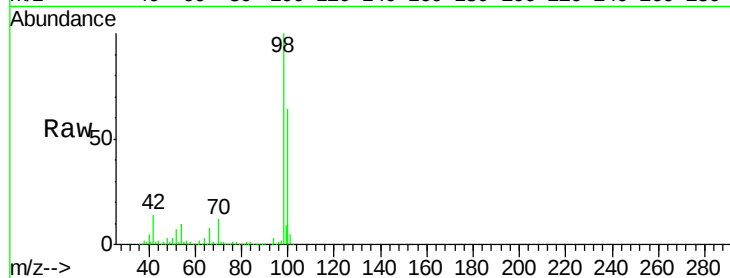
PB123322TB

Tot Ion: 98 Resp: 889614

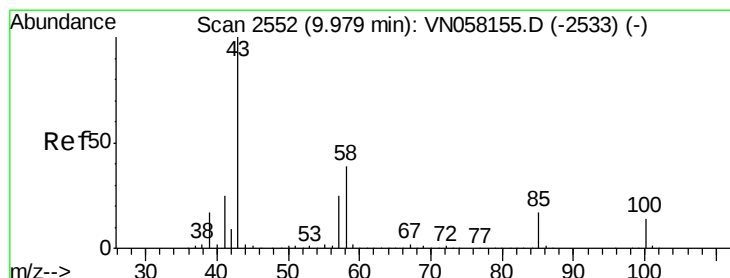
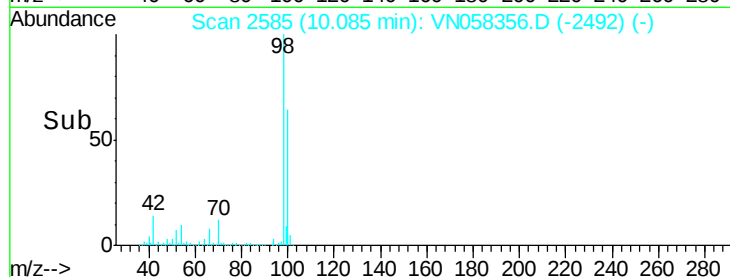
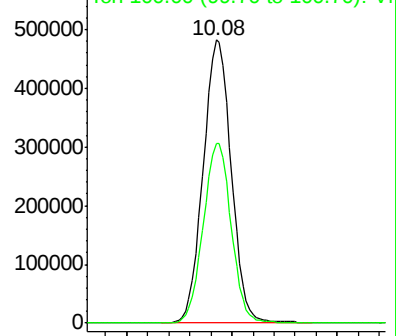
Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058155.D (-2568) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.394 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058356.D

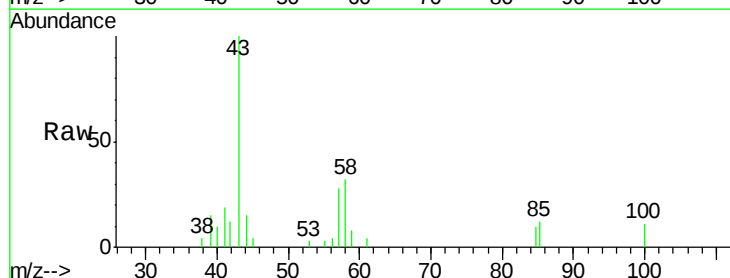
Acq: 25 Sep 2019 11:07

Tgt Ion: 43 Resp: 7269

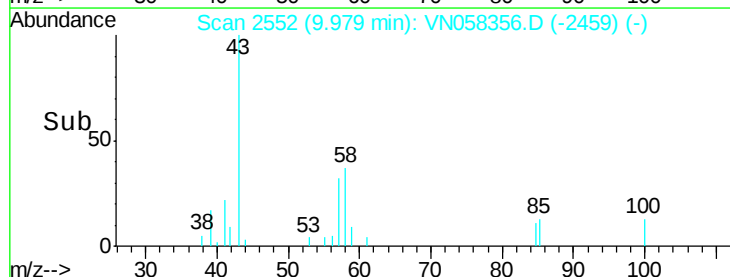
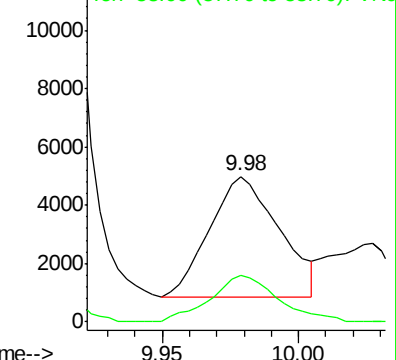
Ion Ratio Lower Upper

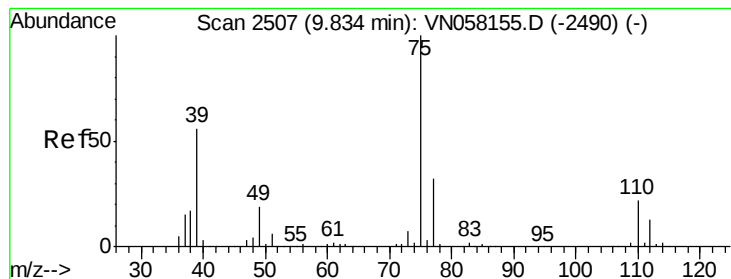
43 100

58 37.7 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-2533) (-)



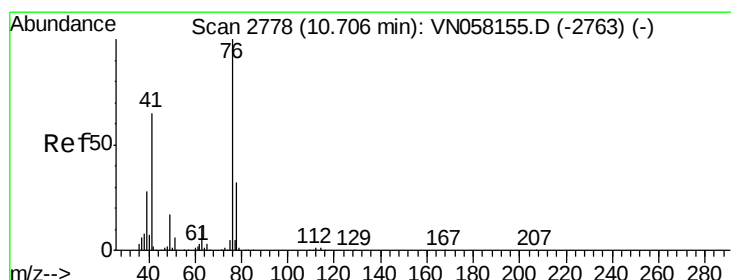
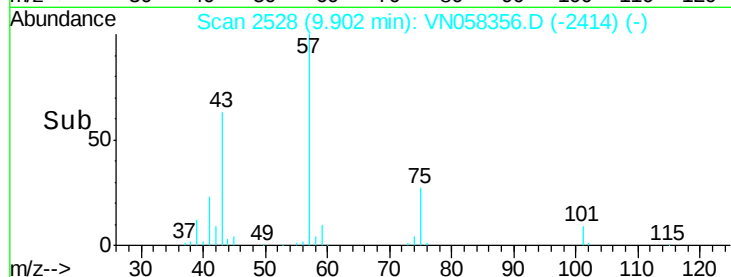
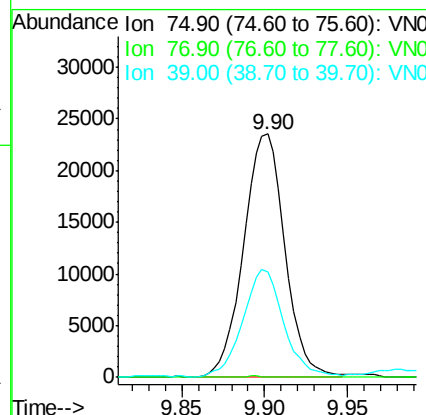
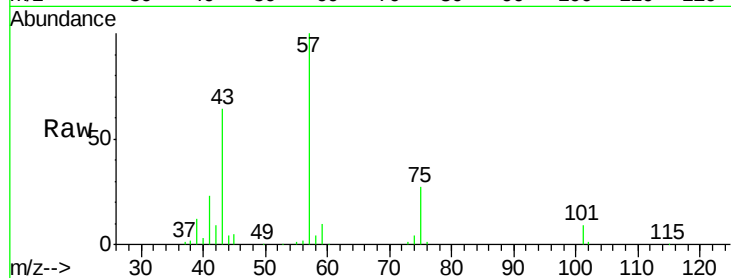


#54

cis-1,3-Dichloropropene
 Concen: 6.133 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN058356.D
 Acq: 25 Sep 2019 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123322TB

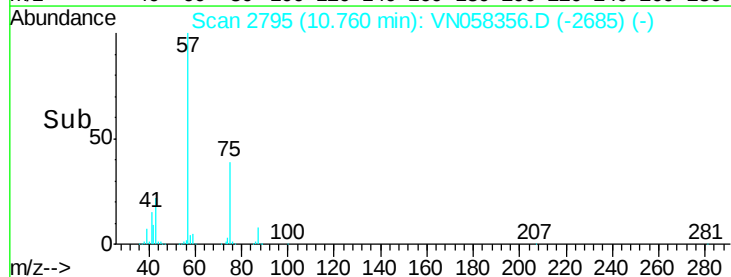
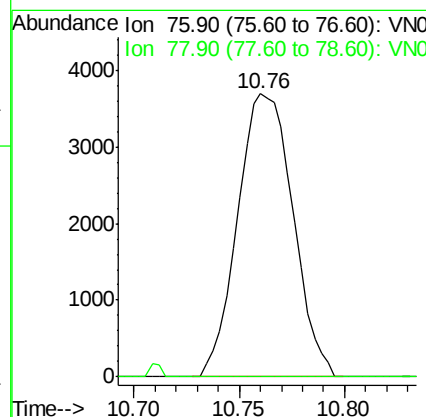
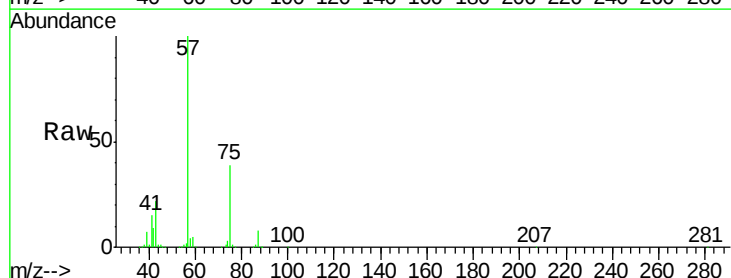
Tot Ion: 75 Resp: 40810
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 43.2 45.0 67.6#

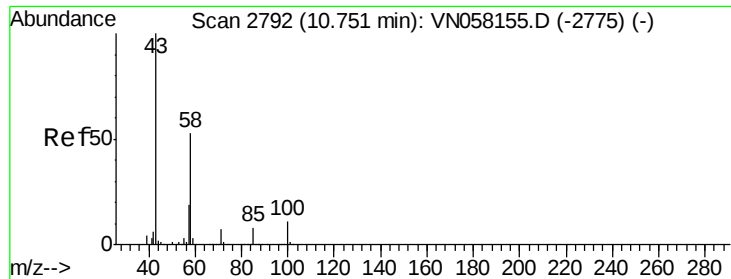


#57

1,3-Dichloropropane
 Concen: 0.908 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.05 min
 Lab File: VN058356.D
 Acq: 25 Sep 2019 11:07

Tgt Ion: 76 Resp: 6717
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.0#

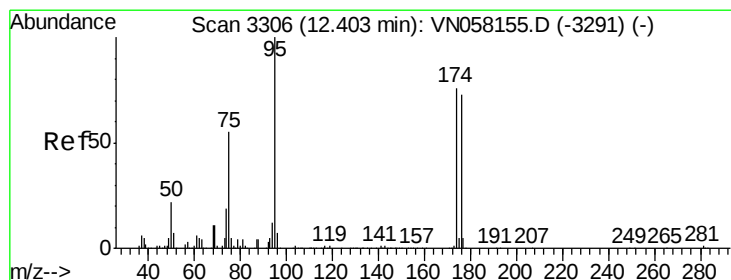
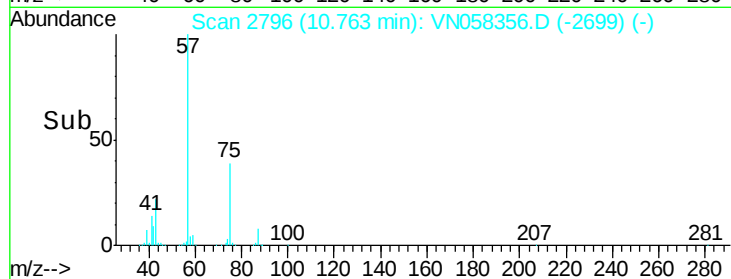
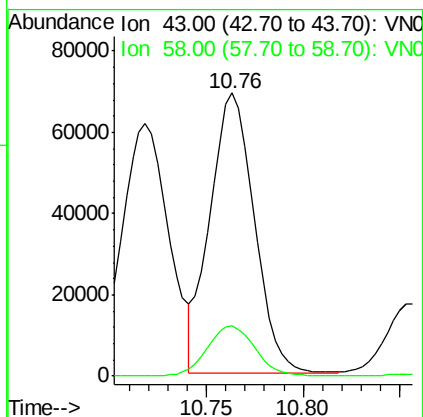
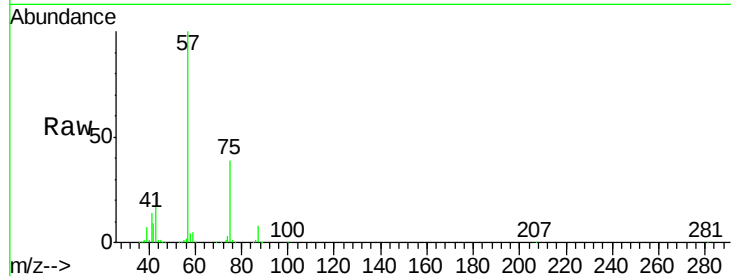




#59
2-Hexanone
Concen: 28.311 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

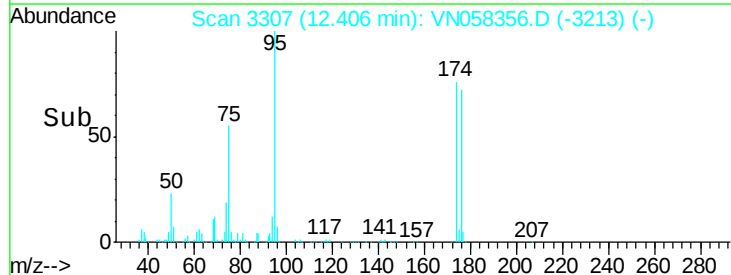
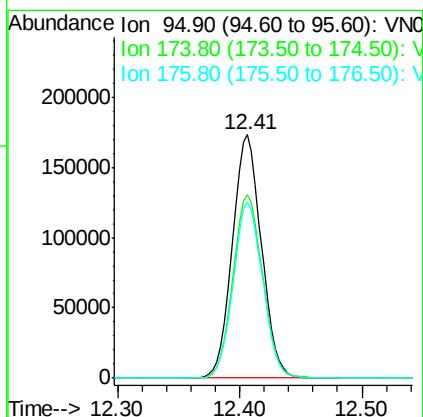
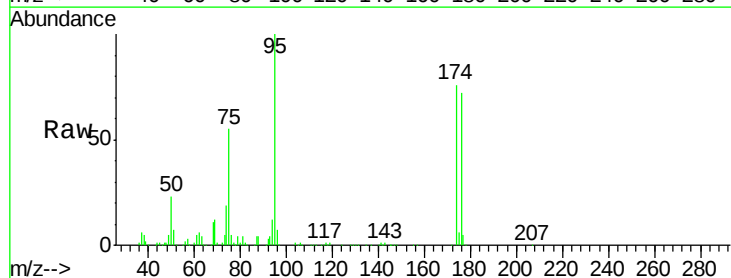
Instrument :
MSVOA_N
ClientSampleId :
PB123322TB

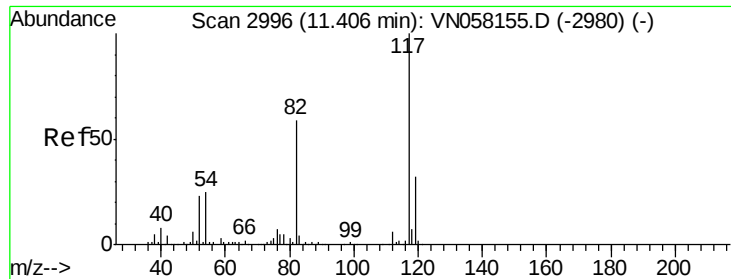
Tot Ion: 43 Resp: 109628
Ion Ratio Lower Upper
43 100
58 19.6 26.0 78.0#



#62
4-Bromofluorobenzene
Concen: 46.453 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

Tgt Ion: 95 Resp: 287041
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.2
176 73.1 0.0 148.0

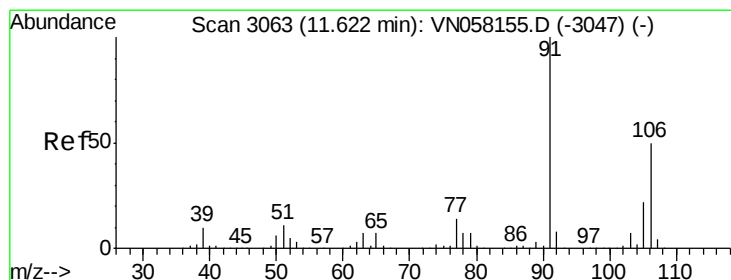
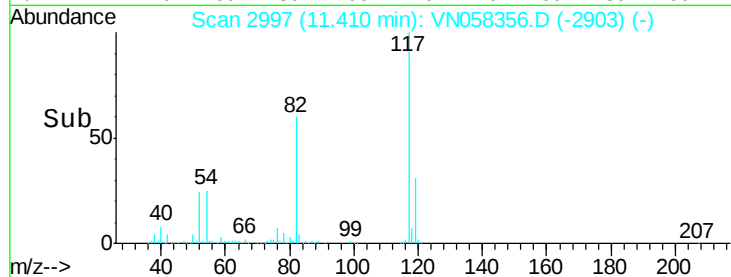
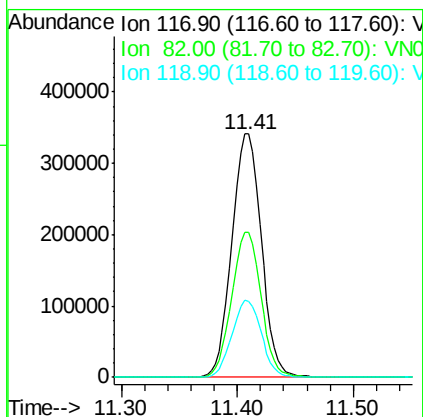
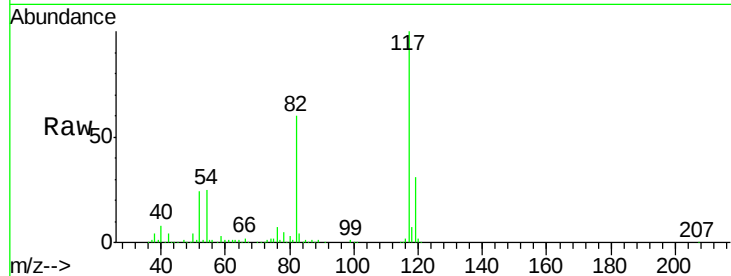




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

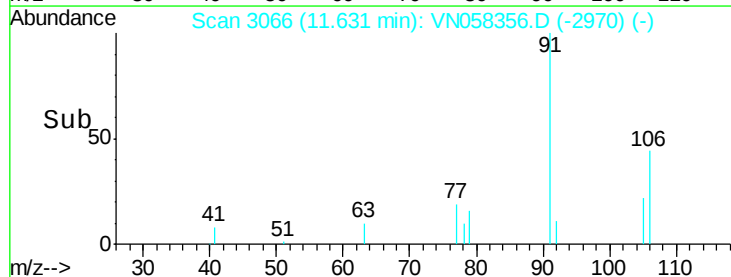
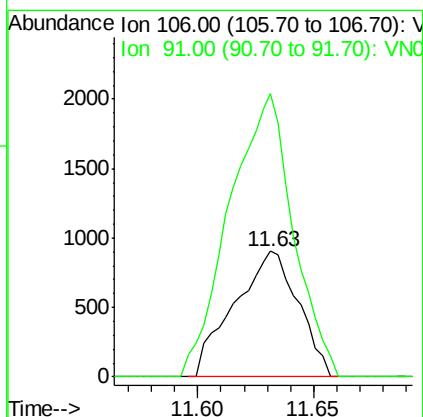
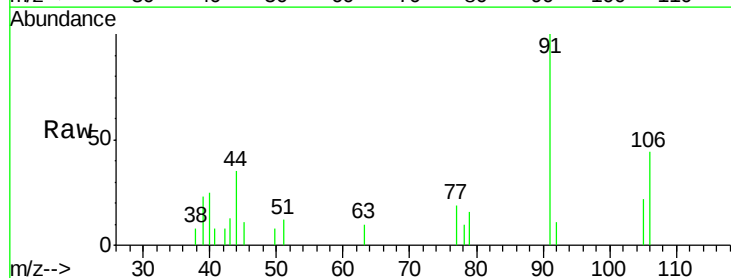
Instrument :
MSVOA_N
ClientSampled :
PB123322TB

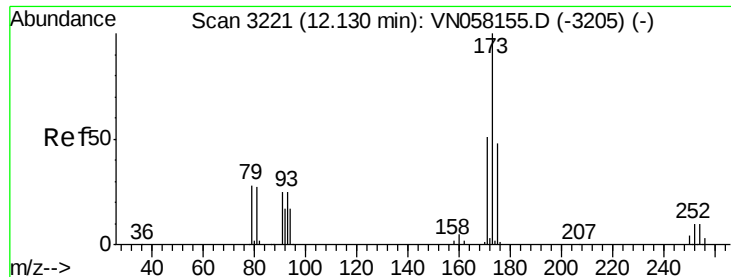
Tot Ion:117 Resp: 600171
Ion Ratio Lower Upper
117 100
82 59.6 46.9 70.3
119 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 0.254 ug/l
RT: 11.63 min Scan# 3066
Delta R.T. 0.01 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

Tgt Ion:106 Resp: 1729
Ion Ratio Lower Upper
106 100
91 225.2 163.6 245.4





#71

Bromoform

Concen: 3.676 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.26 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

PB123322TB

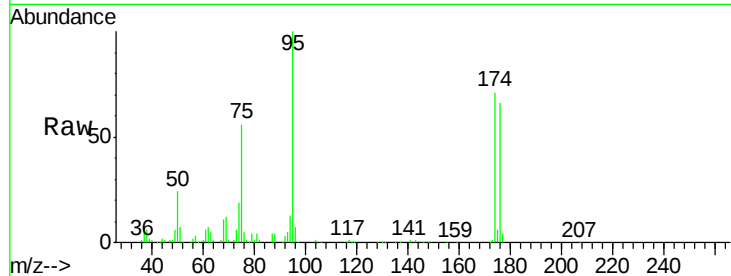
Tot Ion:173 Resp: 248

Ion Ratio Lower Upper

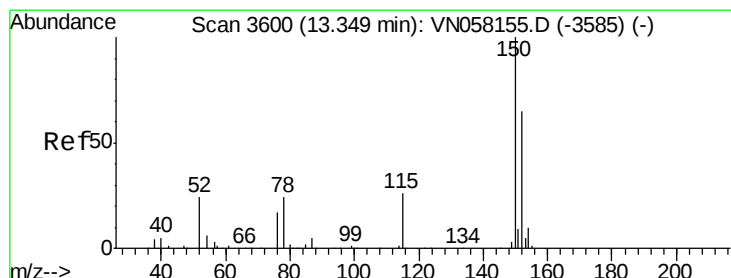
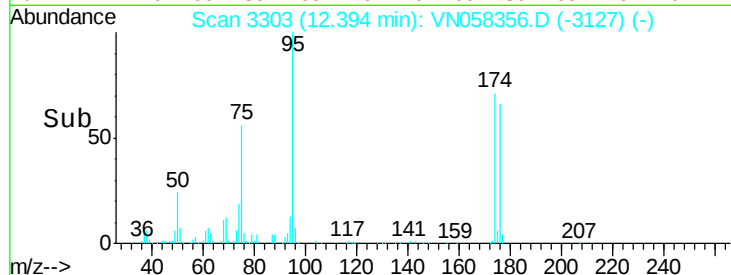
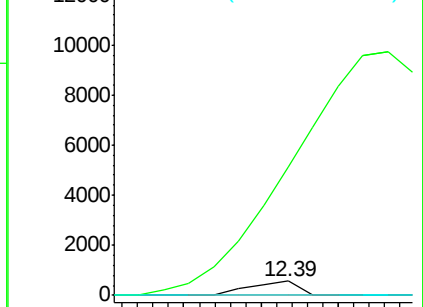
173 100

175 5421.8 24.2 72.6#

254 0.0 0.1 0.1#



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: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

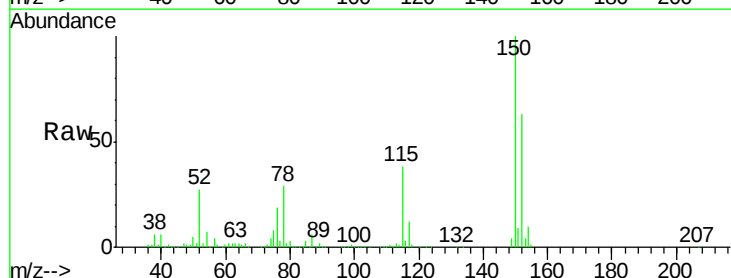
Tgt Ion:152 Resp: 245931

Ion Ratio Lower Upper

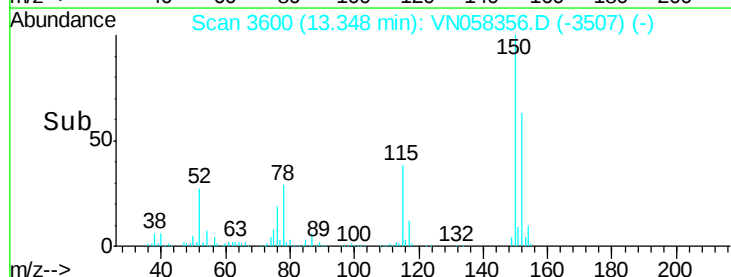
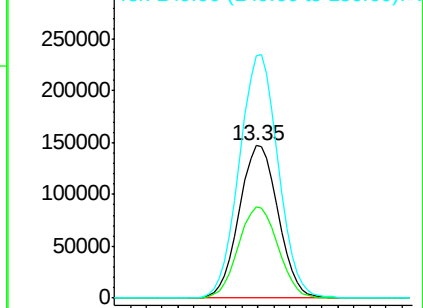
152 100

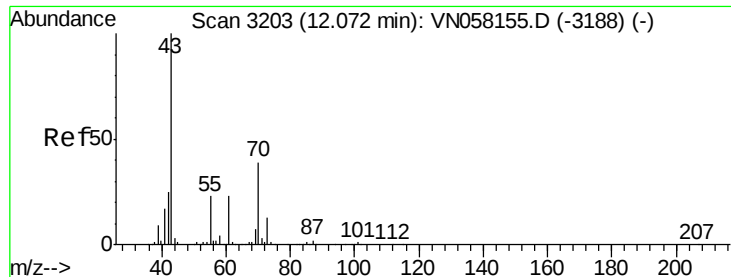
115 61.0 30.1 90.3

150 159.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

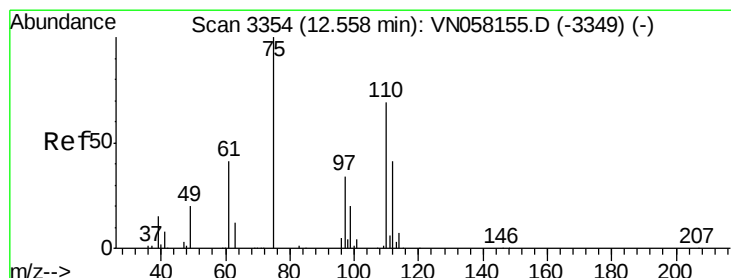
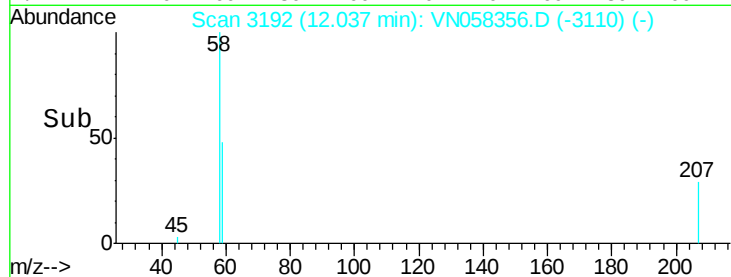
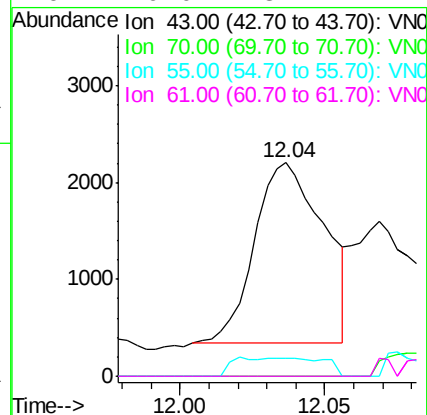
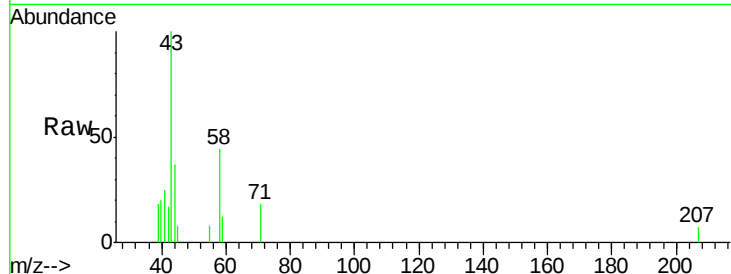




#74
N-amvl acetate
Concen: 0.481 ug/l
RT: 12.04 min Scan# 3192
Delta R.T. -0.04 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

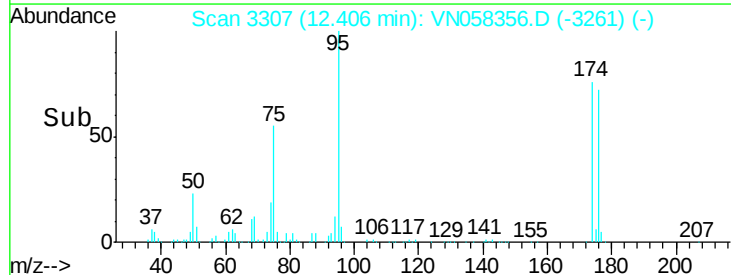
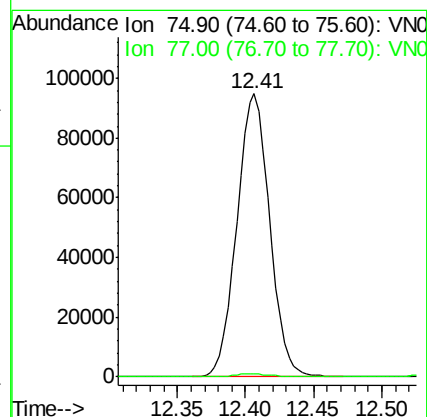
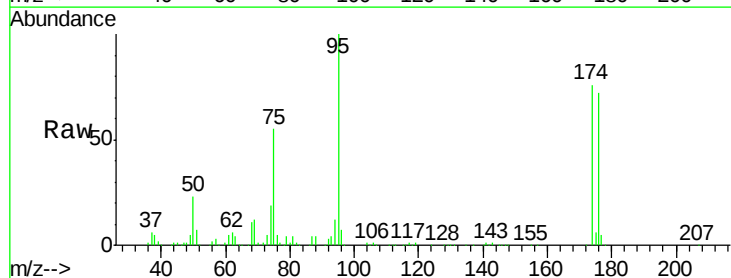
Instrument :
MSVOA_N
ClientSampleId :
PB123322TB

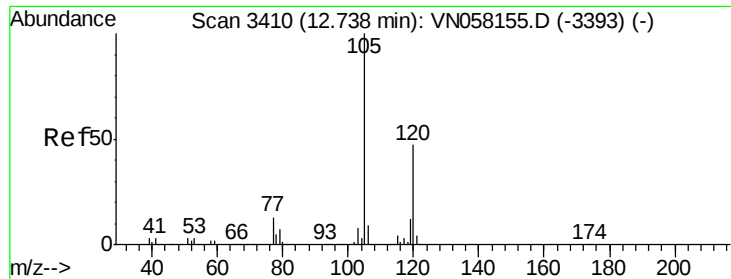
Tot Ion: 43 Resp: 3096
Ion Ratio Lower Upper
43 100
70 0.0 31.0 46.6#
55 4.3 18.5 27.7#
61 0.0 18.2 27.2#



#76
1,2,3-Trichloropropane
Concen: 35.986 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058356.D
Acq: 25 Sep 2019 11:07

Tgt Ion: 75 Resp: 158390
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.434 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

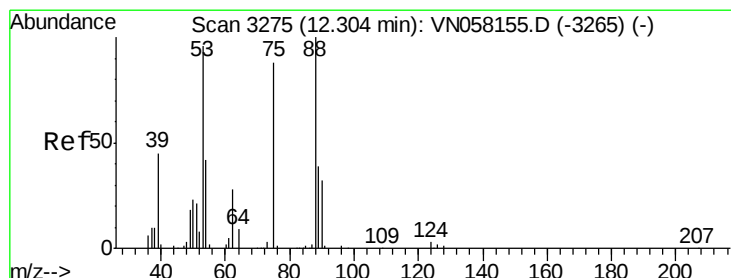
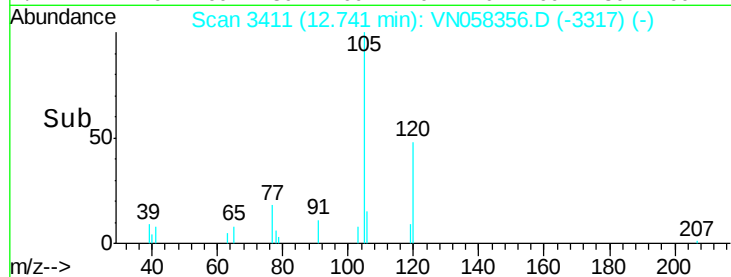
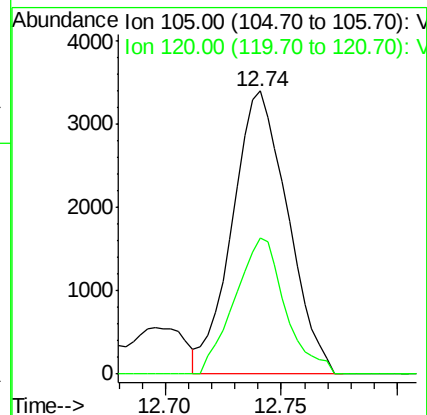
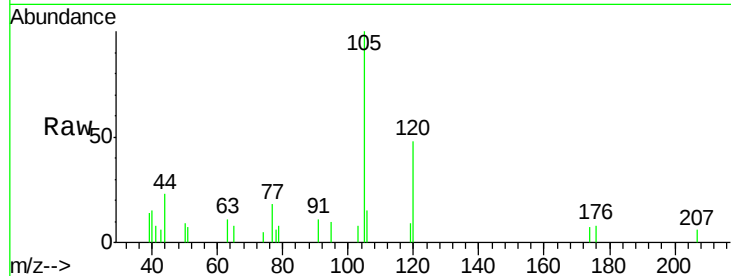
PB123322TB

Tot Ion:105 Resp: 5649

Ion Ratio Lower Upper

105 100

120 43.8 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 100.504 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

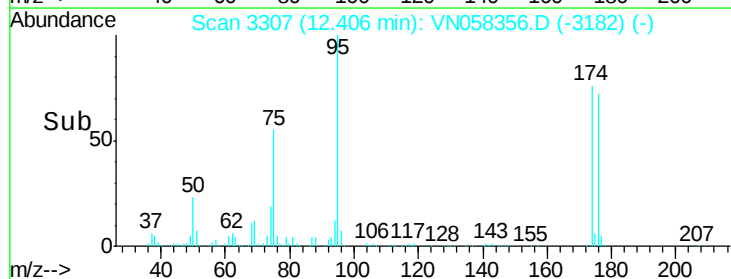
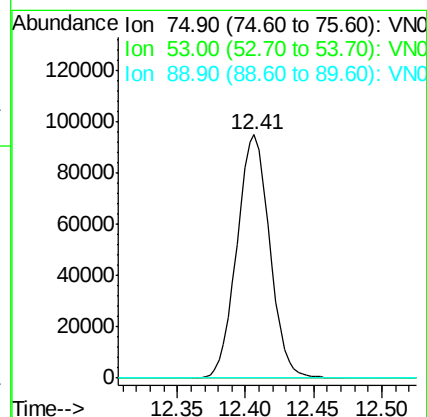
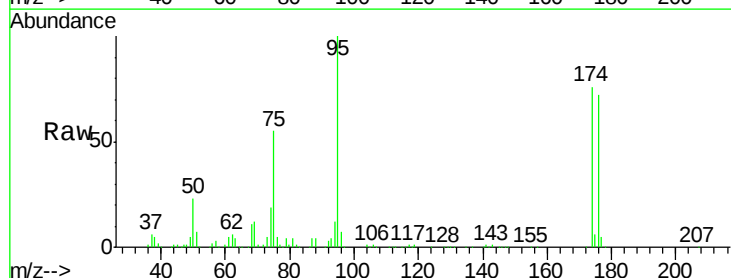
Tgt Ion: 75 Resp: 158390

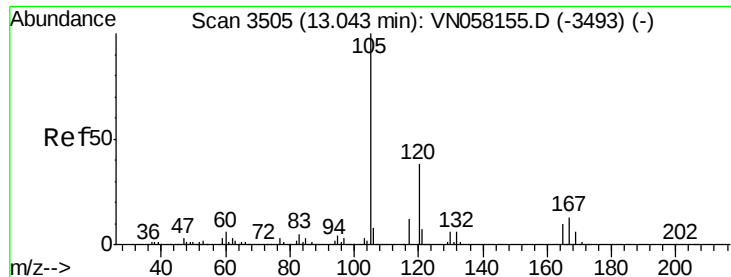
Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 36.2 54.2#





#84

1,2,4-Trimethylbenzene

Concen: 0.268 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

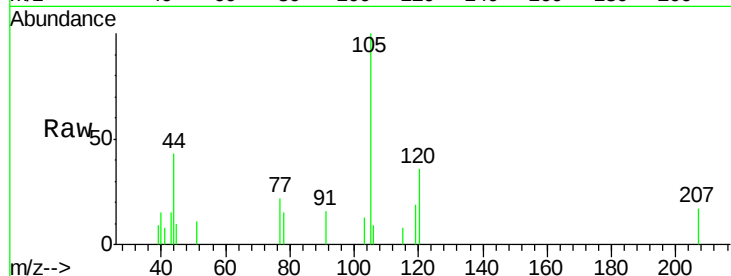
PB123322TB

Tot Ion:105 Resp: 3470

Ion Ratio Lower Upper

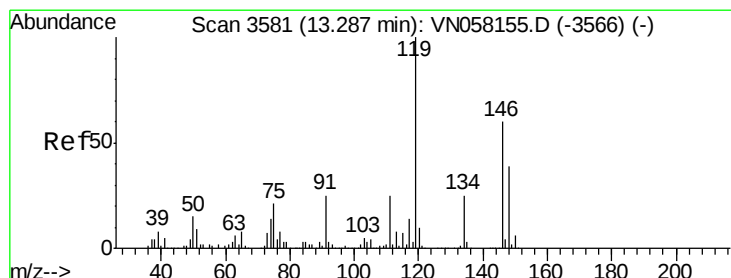
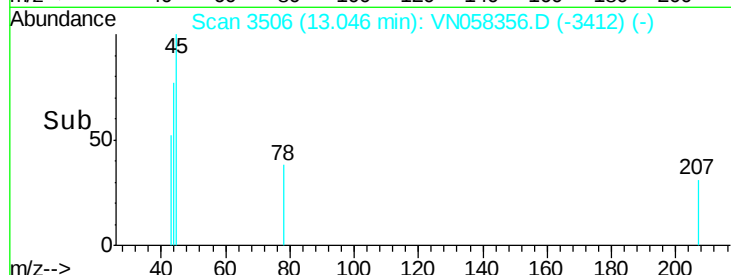
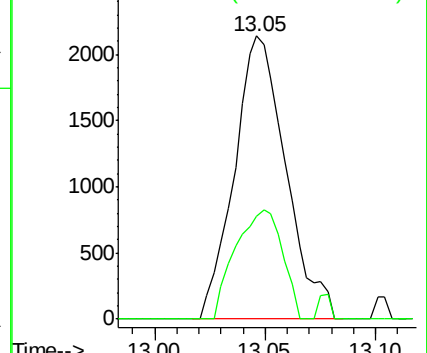
105 100

120 35.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#87

1,3-Dichlorobenzene

Concen: 0.209 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. 0.01 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

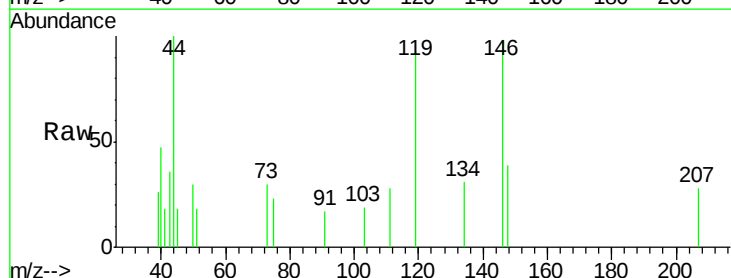
Tgt Ion:146 Resp: 1477

Ion Ratio Lower Upper

146 100

111 17.8 20.9 62.8#

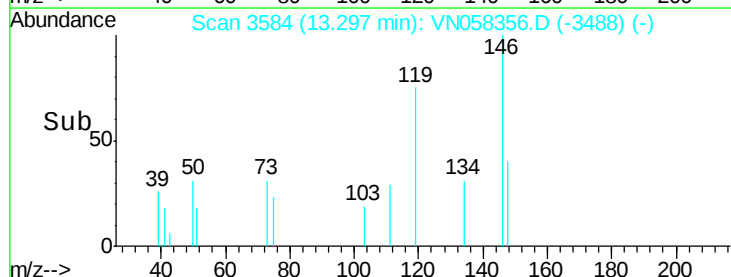
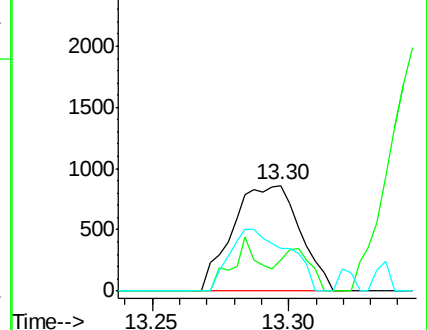
148 0.0 32.0 96.2#

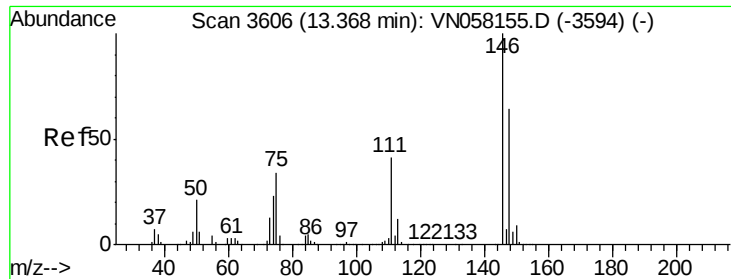


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.257 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

PB123322TB

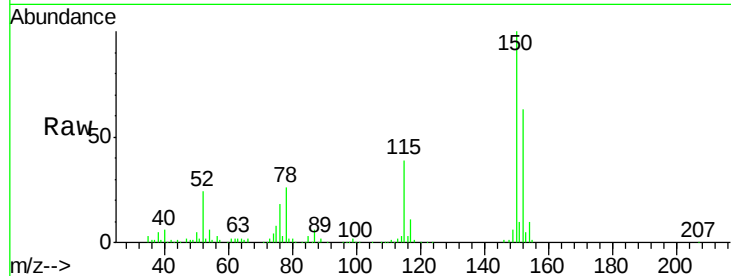
Tot Ion:146 Resp: 1854

Ion Ratio Lower Upper

146 100

111 217.6 20.5 61.5#

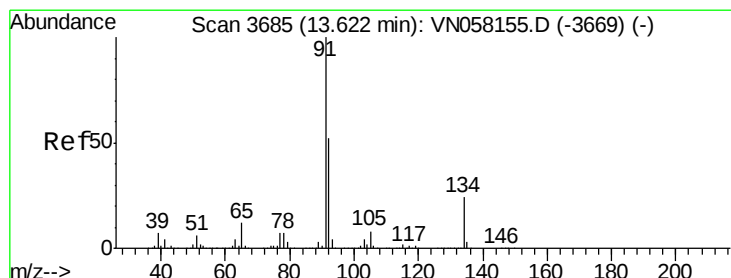
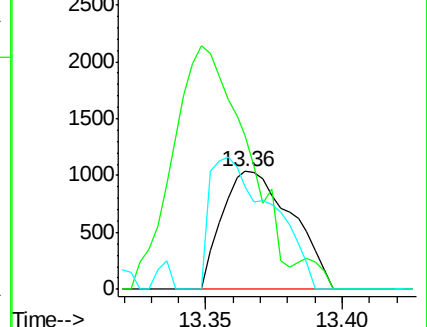
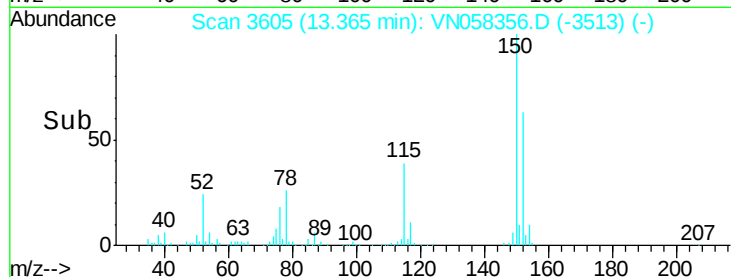
148 98.8 31.9 95.5#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.244 ug/l

RT: 13.62 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

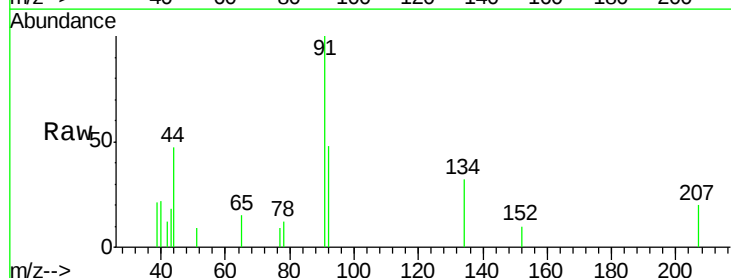
Tgt Ion: 91 Resp: 3123

Ion Ratio Lower Upper

91 100

92 45.0 25.7 77.0

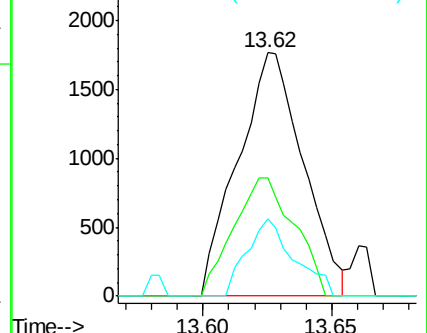
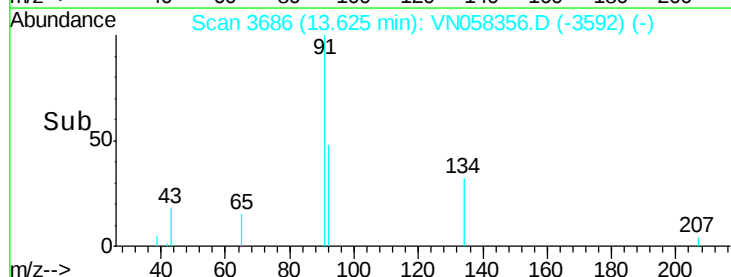
134 23.1 11.8 35.4

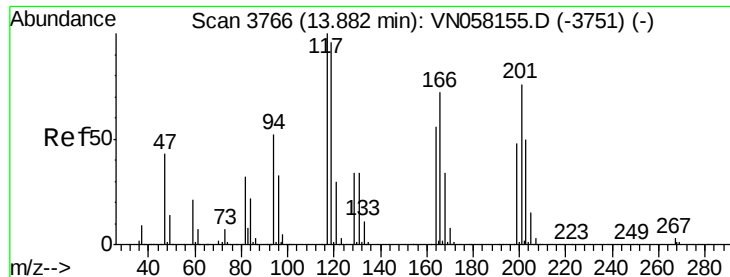


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 2.977 ug/l

RT: 14.00 min Scan# 3803

Delta R.T. 0.12 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

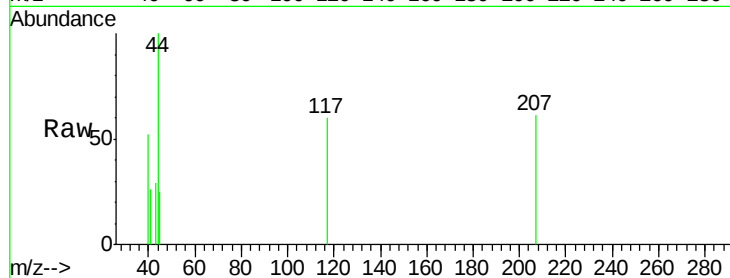
PB123322TB

Tot Ion:117 Resp: 386

Ion Ratio Lower Upper

117 100

201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.00

400

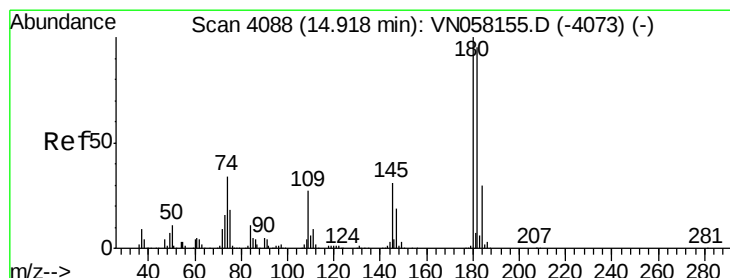
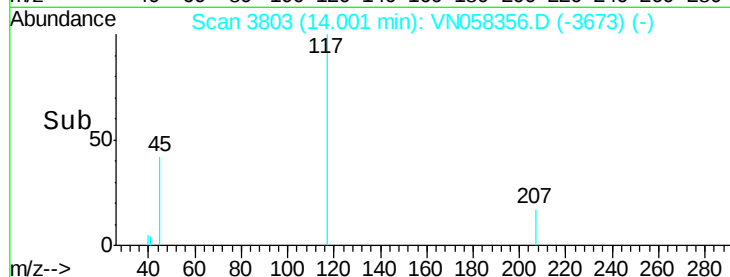
300

200

100

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.709 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. -0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

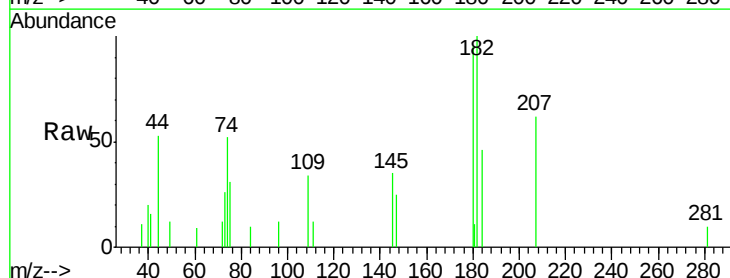
Tgt Ion:180 Resp: 3215

Ion Ratio Lower Upper

180 100

182 100.8 47.8 143.3

145 33.4 15.4 46.4



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

14.92

2000

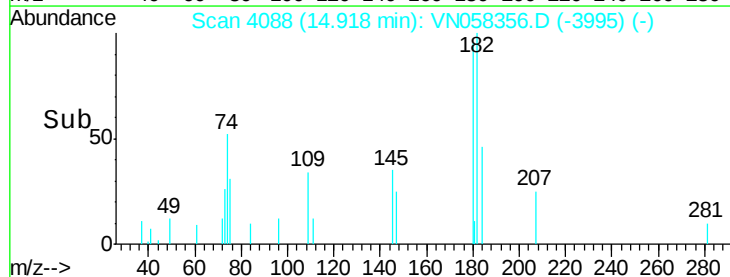
1500

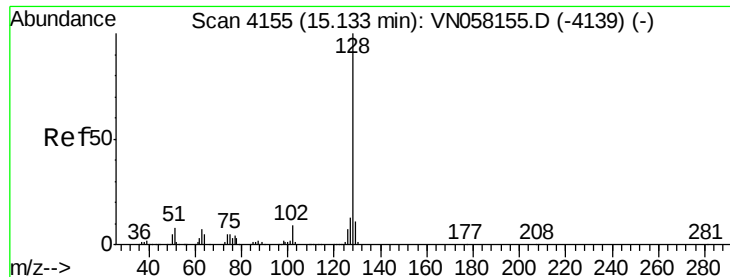
1000

500

0

Time-->





#95

Naphthalene

Concen: 1.688 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

PB123322TB

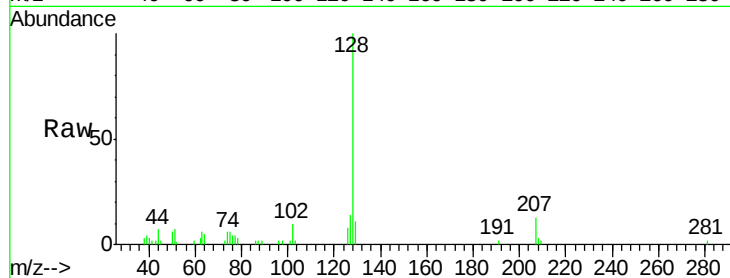
Tot Ion:128 Resp: 19830

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.2

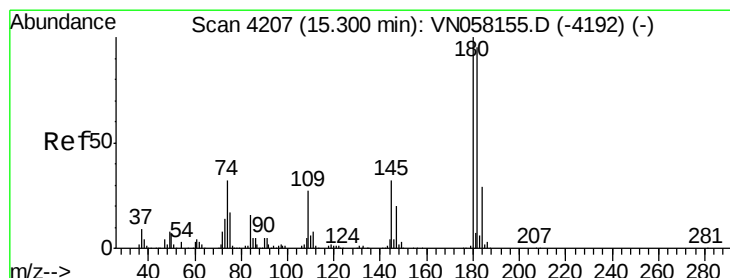
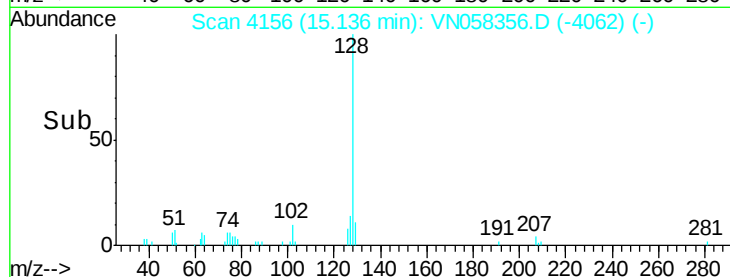
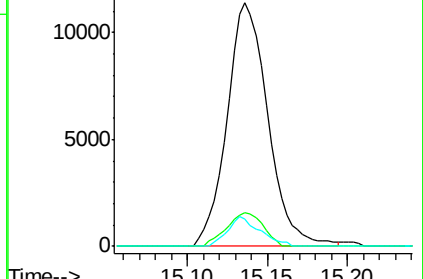
129 9.6 8.6 12.8



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: 0.987 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058356.D

Acq: 25 Sep 2019 11:07

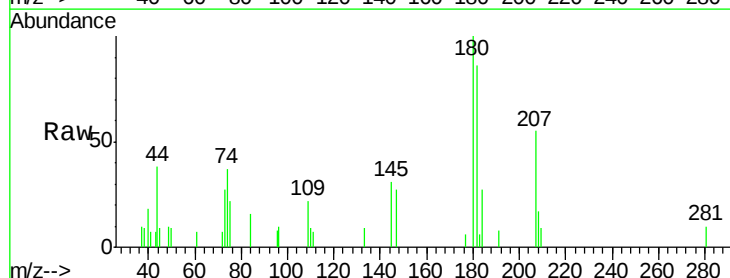
Tgt Ion:180 Resp: 4229

Ion Ratio Lower Upper

180 100

182 88.1 47.4 142.2

145 34.4 16.1 48.2



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

