

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
 Data File : VN058479.D
 Acq On : 2 Oct 2019 17:01
 Operator : JC/SP
 Sample : PB123550TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123550TB

Quant Time: Oct 03 05:11:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	327530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	547664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	468095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	167187	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	245589	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.58	113	170296	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.09	98	693133	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.41	95	210477	44.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.54%	

Target Compounds					Qvalue
3) Chloromethane	2.03	50	819	0.207 ug/l	97
11) Tert butyl alcohol	4.76	59	185	0.348 ug/l #	71
13) Acrolein	3.59	56	64	0.378 ug/l #	1
16) Acetone	3.81	43	10973	6.725 ug/l	98
17) Carbon Disulfide	4.03	76	2038	0.250 ug/l #	74
18) Methyl Acetate	4.31	43	4331	1.055 ug/l #	70
20) Methylene Chloride	4.53	84	89480	23.764 ug/l	99
25) 2-Butanone	6.80	43	667	0.298 ug/l #	50
29) Tetrahydrofuran	7.20	42	858	0.603 ug/l #	48
31) Cyclohexane	7.65	56	8707	1.314 ug/l #	20
36) 1,1-Dichloropropene	7.65	75	29521	5.637 ug/l #	51
38) Carbon Tetrachloride	7.65	117	35092	7.424 ug/l #	16
41) Methacrylonitrile	7.21	41	422	0.207 ug/l #	27
43) Isopropyl Acetate	8.15	43	99723	11.944 ug/l	100
48) Methyl methacrylate	9.17	41	6176	1.625 ug/l #	13
49) 1,4-Dioxane	9.26	88	139	2.734 ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7426	1.732 ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	43175	7.377 ug/l #	66
56) Ethyl methacrylate	10.54	69	1916	0.366 ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7485	1.216 ug/l #	43
59) 2-Hexanone	10.76	43	120919	38.722 ug/l #	53
64) Tetrachloroethene	10.63	164	2212	0.744 ug/l	93
71) Bromoform	12.39	173	75	0.729 ug/l #	1
74) N-amyl acetate	12.06	43	1953	0.397 ug/l #	52
76) 1,2,3-Trichloropropane	12.41	75	115436	37.802 ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	9585	0.927 ug/l	95
81) trans-1,4-Dichloro-2-buten	12.41	75	115436	114.810 ug/l #	7
87) 1,3-Dichlorobenzene	13.29	146	1194	0.227 ug/l	92
88) 1,4-Dichlorobenzene	13.29	146	1194	0.228 ug/l	92
89) n-Butylbenzene	13.63	91	3167	0.346 ug/l	86
91) 1,2-Dichlorobenzene	13.66	146	1143	0.226 ug/l	87
92) 1,2-Dibromo-3-Chloropropan	14.28	75	160	0.248 ug/l #	48
93) 1,2,4-Trichlorobenzene	14.92	180	2268	0.813 ug/l	95
94) Hexachlorobutadiene	15.02	225	378	0.264 ug/l	76

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QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

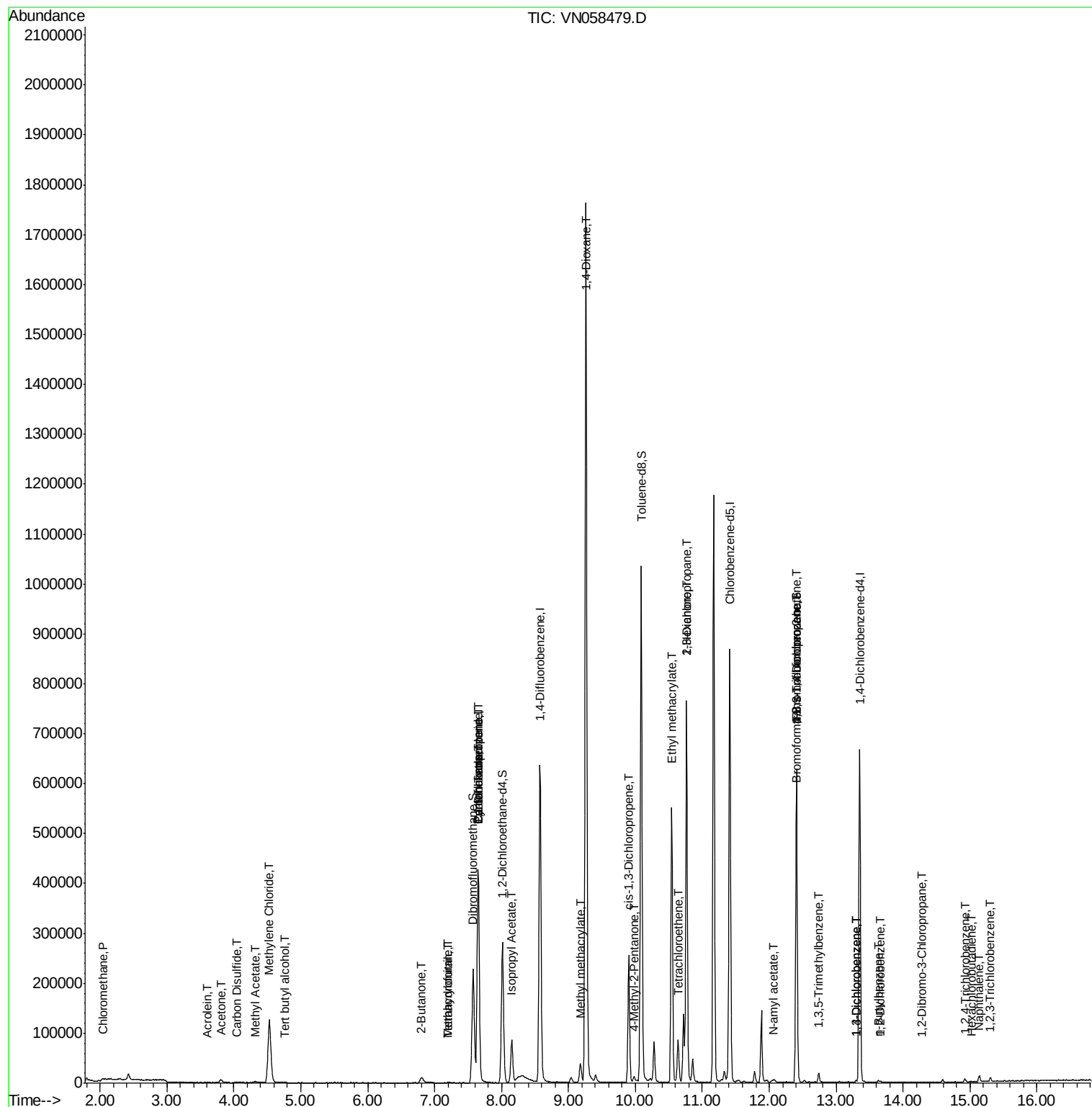
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	10153	1.214	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	2655	0.925	ug/l	93

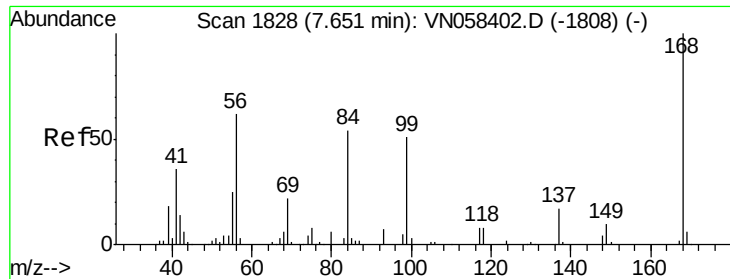
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

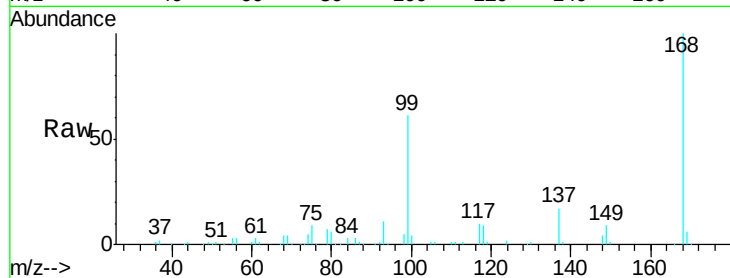
PB123550TB

Tgt Ion:168 Resp: 327530

Ion Ratio Lower Upper

168 100

99 61.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

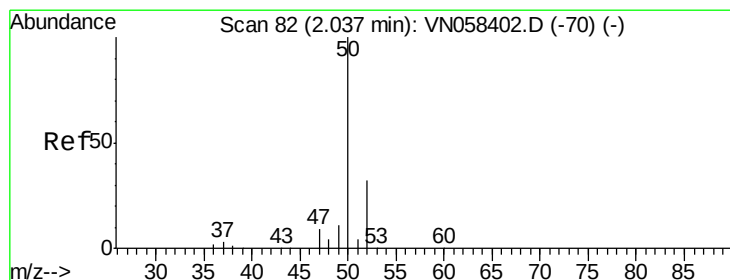
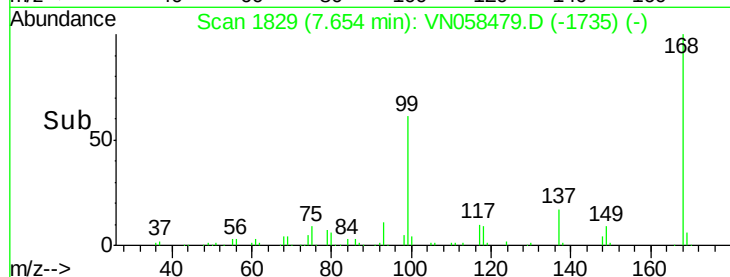
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.207 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058479.D

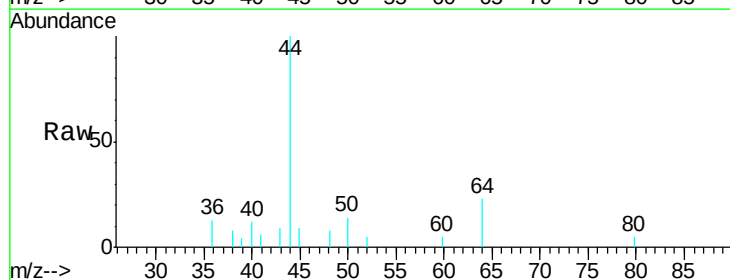
Acq: 2 Oct 2019 17:01

Tgt Ion: 50 Resp: 819

Ion Ratio Lower Upper

50 100

52 34.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

600

500

400

300

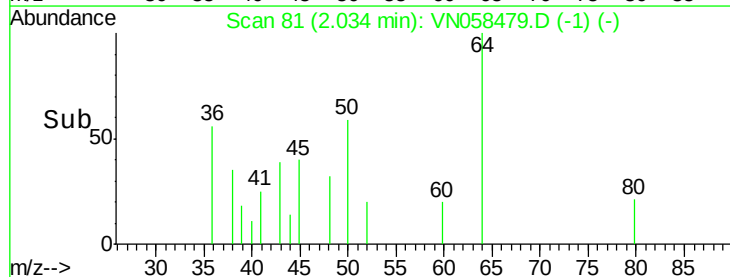
200

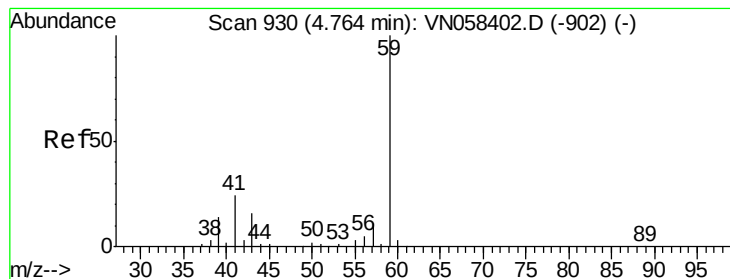
100

0

2.00 2.02 2.04 2.06

Time-->



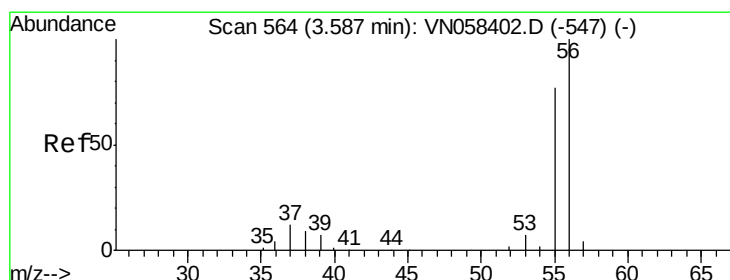
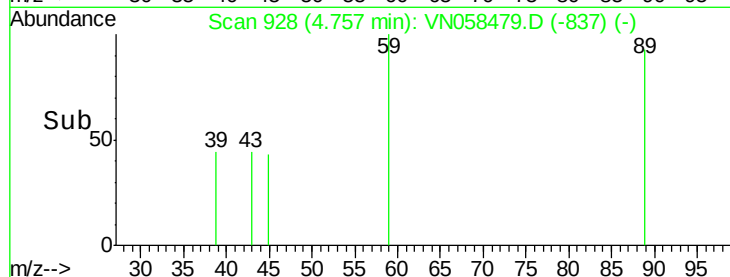
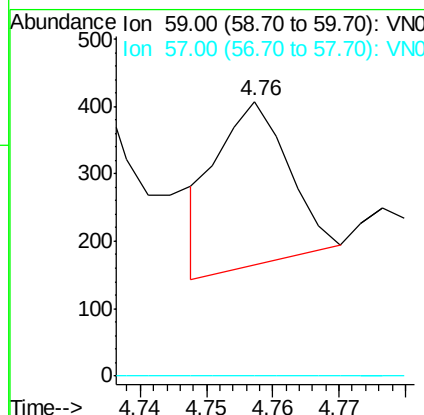
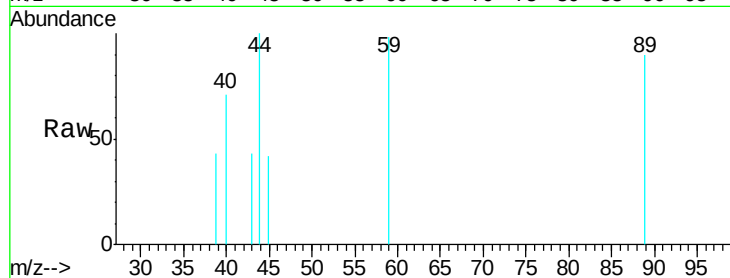


#11

Tert butyl alcohol
 Concen: 0.348 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123550TB

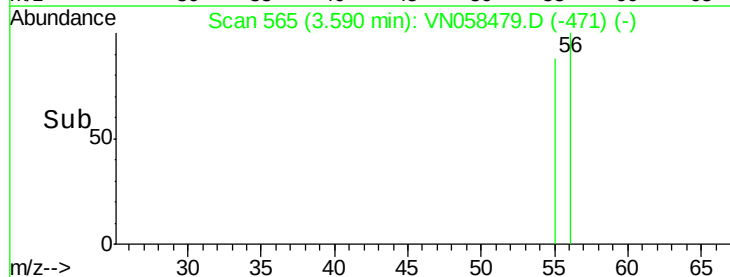
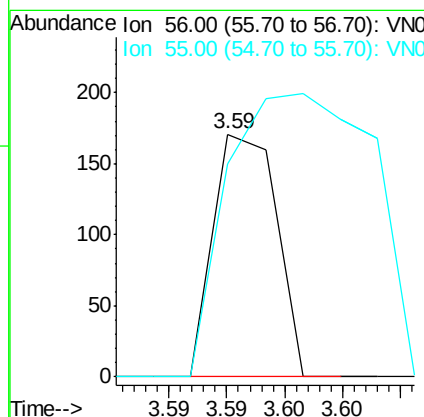
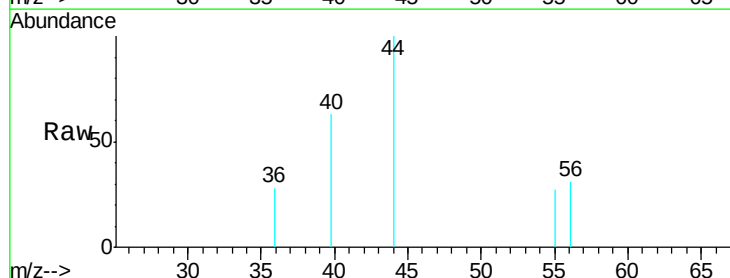
Tgt Ion: 59 Resp: 185
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

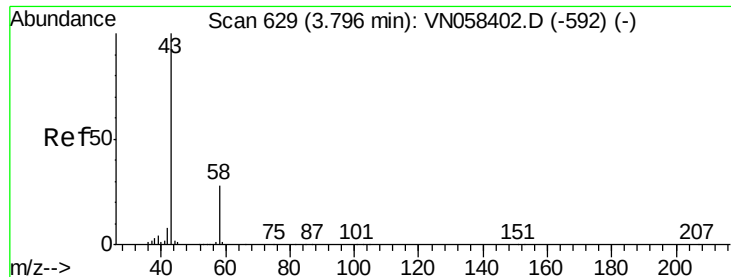


#13

Acrolein
 Concen: 0.378 ug/l
 RT: 3.59 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

Tgt Ion: 56 Resp: 64
 Ion Ratio Lower Upper
 56 100
 55 268.8 58.3 87.5#





#16

Acetone

Concen: 6.725 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

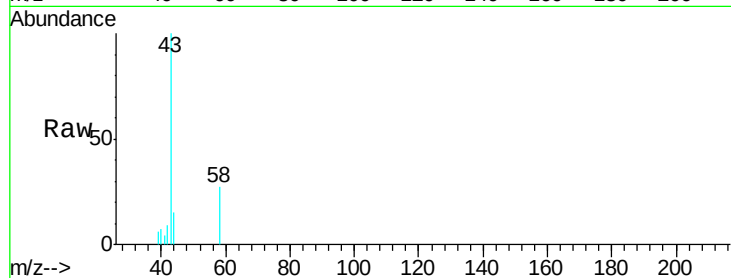
PB123550TB

Tgt Ion: 43 Resp: 10973

Ion Ratio Lower Upper

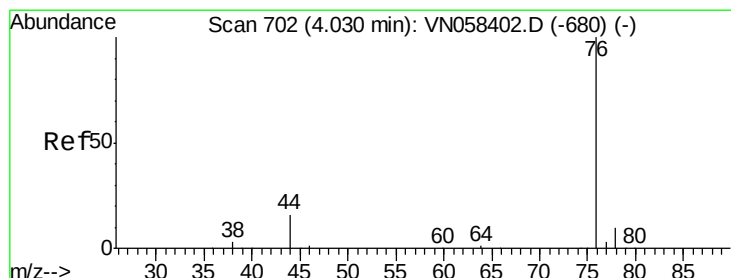
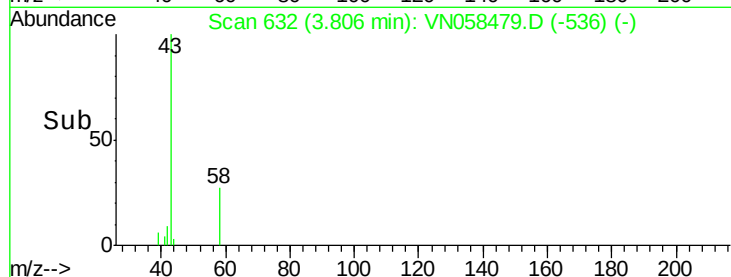
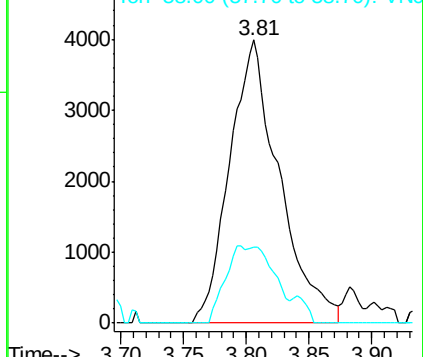
43 100

58 27.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.250 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN058479.D

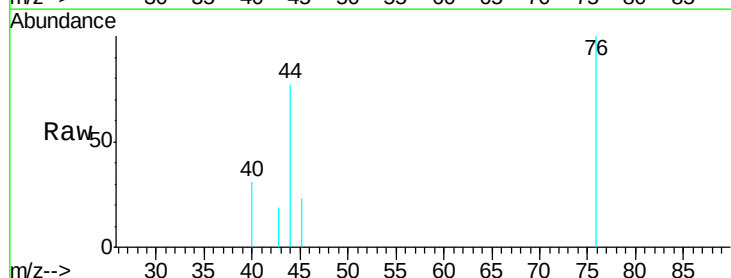
Acq: 2 Oct 2019 17:01

Tgt Ion: 76 Resp: 2038

Ion Ratio Lower Upper

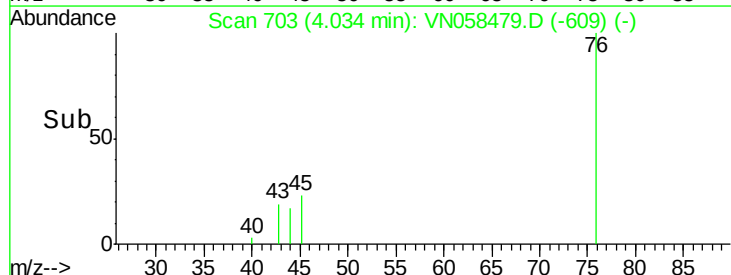
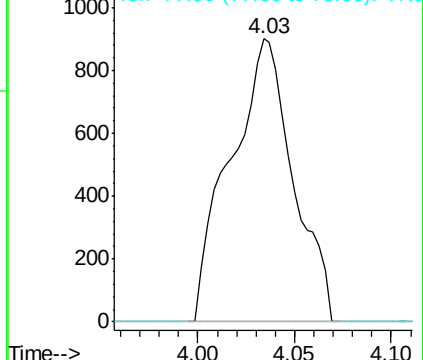
76 100

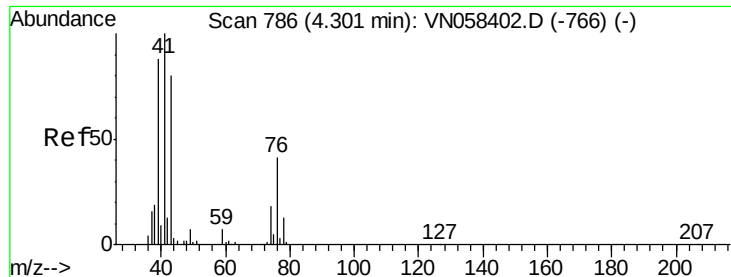
78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

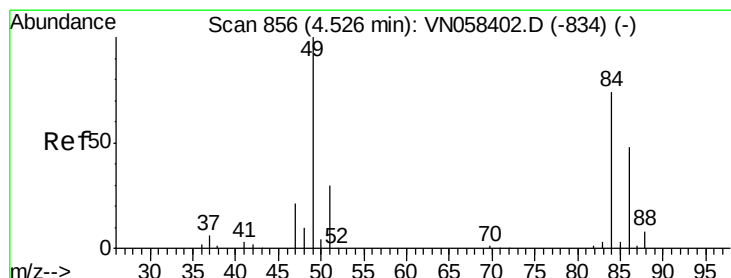
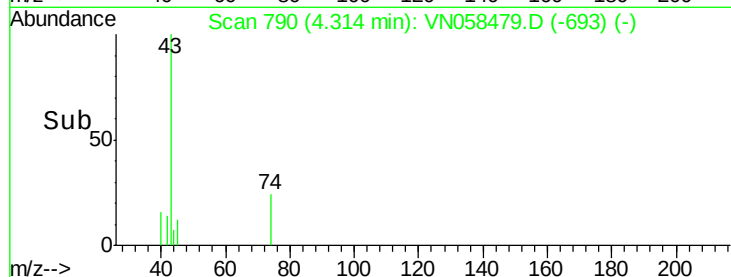
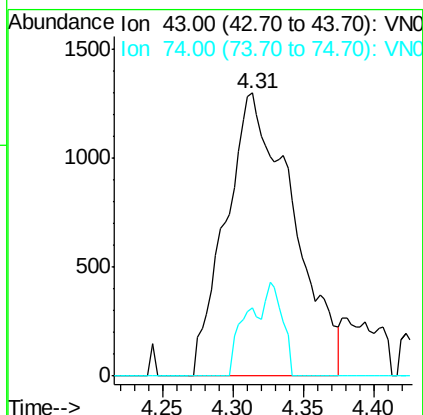
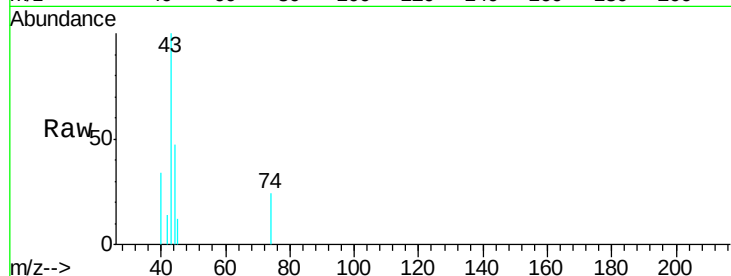




#18
Methyl Acetate
Concen: 1.055 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN058479.D
Acq: 2 Oct 2019 17:01

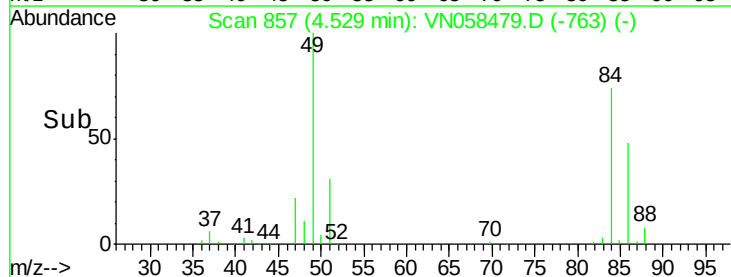
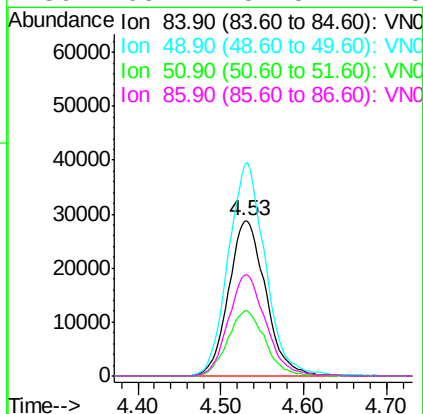
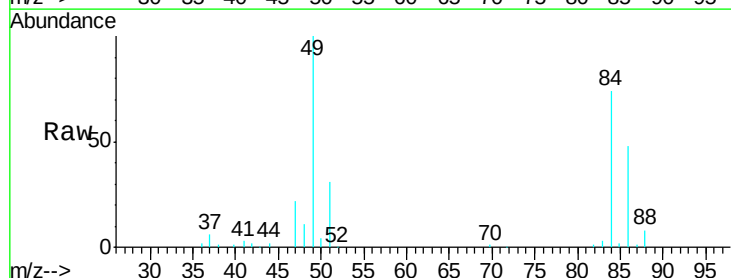
Instrument :
MSVOA_N
ClientSampled :
PB123550TB

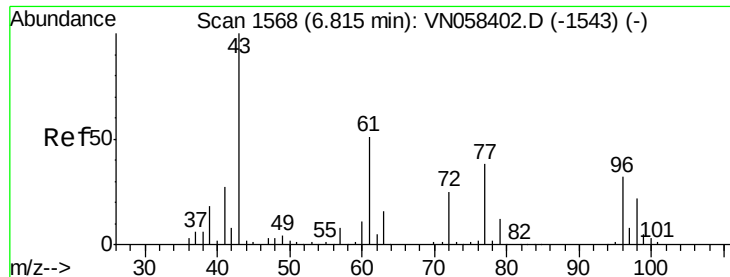
Tgt Ion: 43 Resp: 4331
Ion Ratio Lower Upper
43 100
74 8.2 18.0 27.0#



#20
Methylene Chloride
Concen: 23.764 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058479.D
Acq: 2 Oct 2019 17:01

Tgt Ion: 84 Resp: 89480
Ion Ratio Lower Upper
84 100
49 135.7 107.9 161.9
51 42.1 32.8 49.2
86 65.1 51.5 77.3





#25

2-Butanone

Concen: 0.298 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

Instrument :

MSVOA_N

ClientSampled :

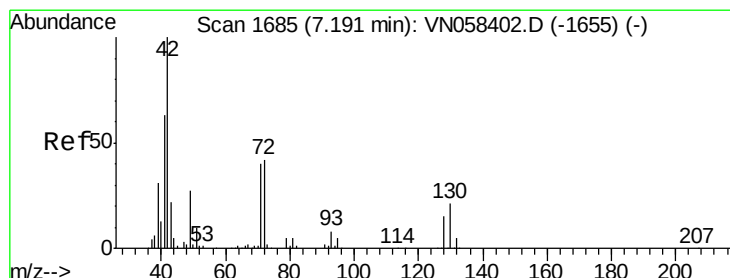
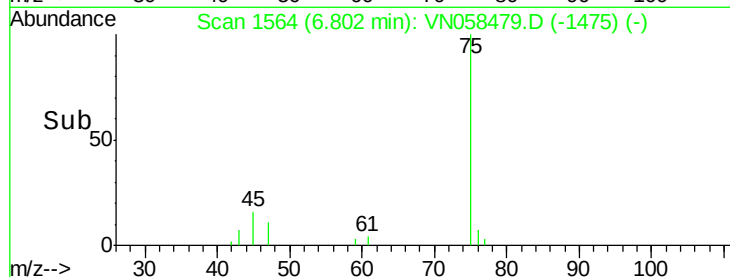
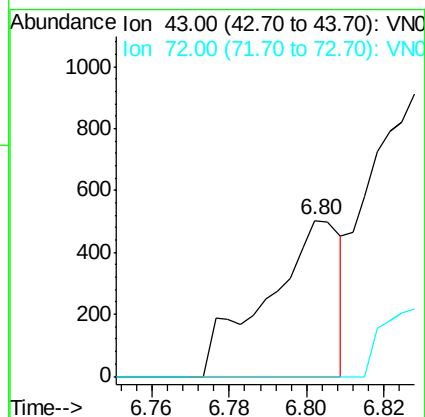
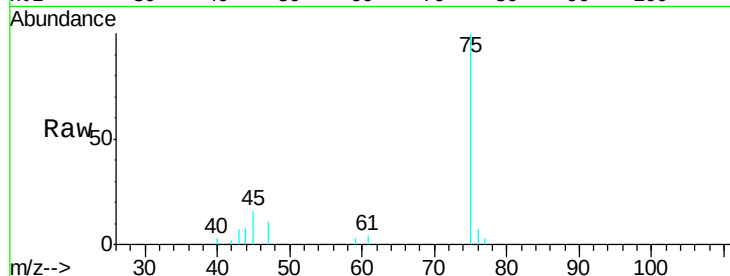
PB123550TB

Tgt Ion: 43 Resp: 667

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.4#



#29

Tetrahydrofuran

Concen: 0.603 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

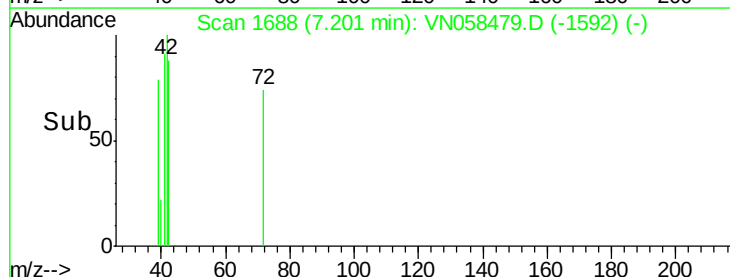
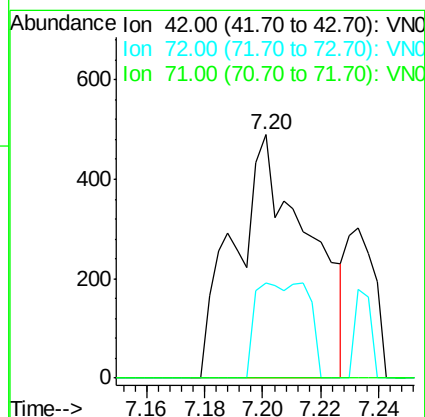
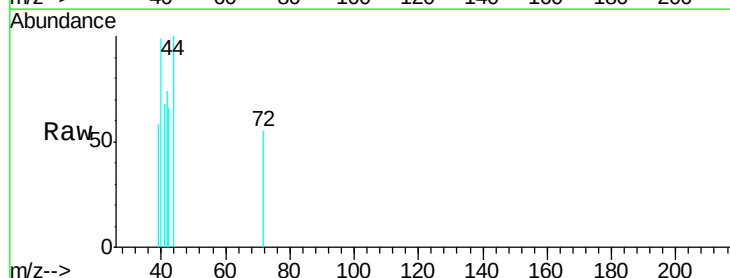
Tgt Ion: 42 Resp: 858

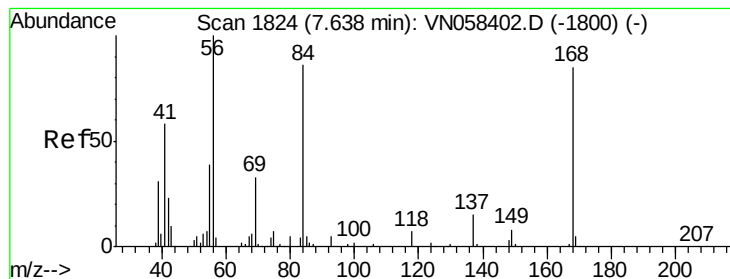
Ion Ratio Lower Upper

42 100

72 16.4 33.7 50.5#

71 0.0 31.8 47.6#





#31

Cyclohexane

Concen: 1.314 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

Instrument :

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ClientSampleId :

PB123550TB

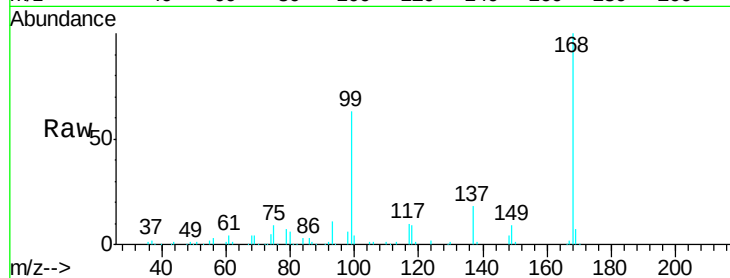
Tgt Ion: 56 Resp: 8707

Ion Ratio Lower Upper

56 100

69 152.2 26.2 39.4#

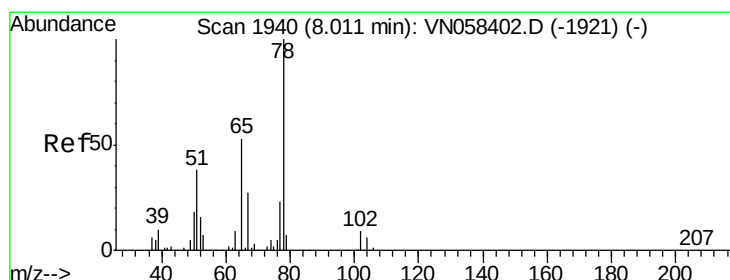
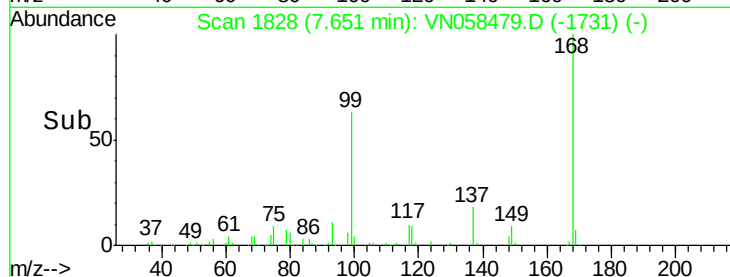
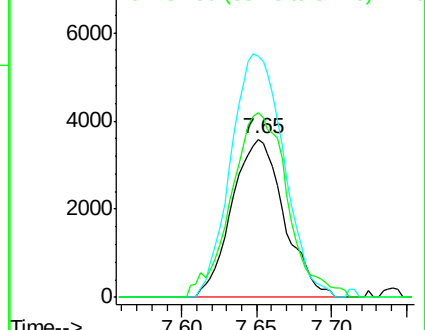
84 110.5 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.311 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058479.D

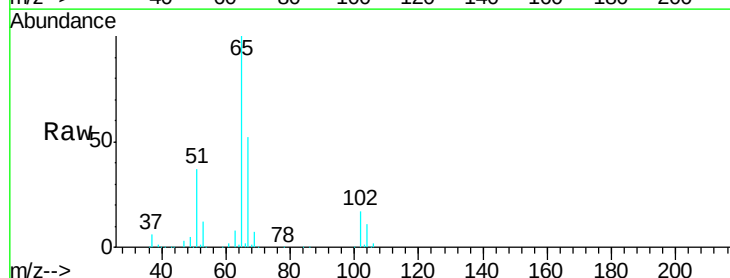
Acq: 2 Oct 2019 17:01

Tgt Ion: 65 Resp: 245589

Ion Ratio Lower Upper

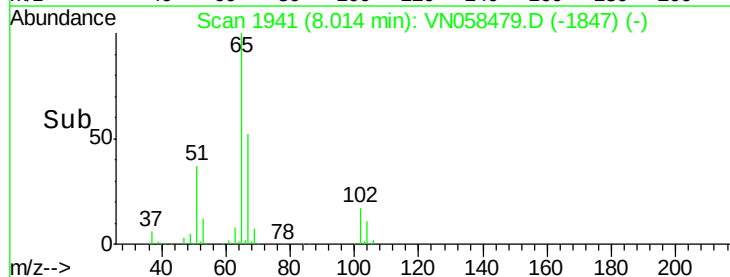
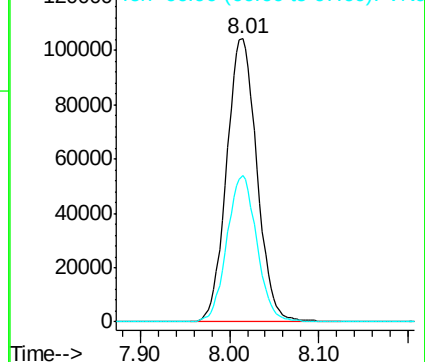
65 100

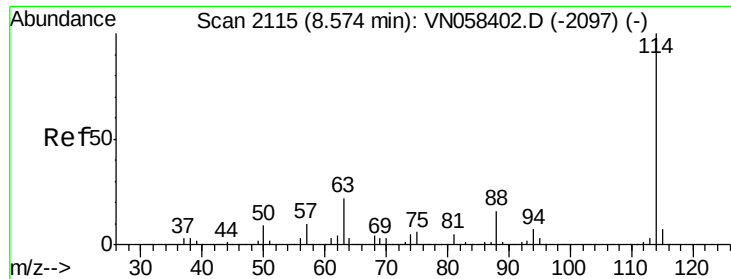
67 51.0 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

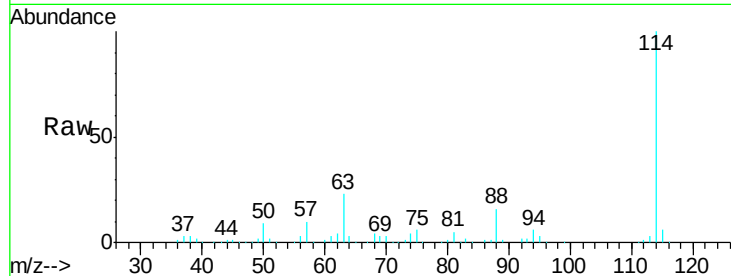




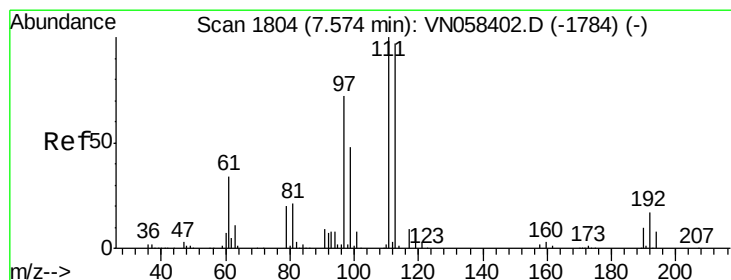
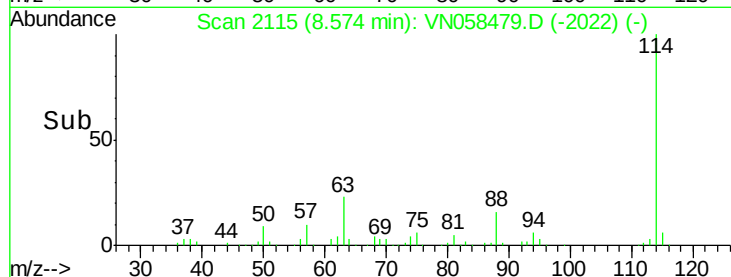
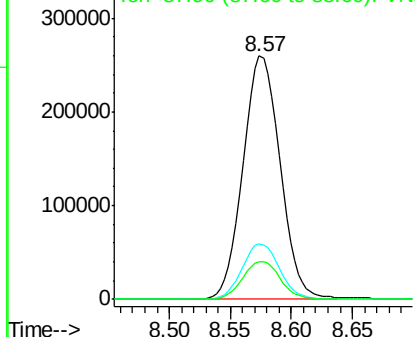
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123550TB

Tgt Ion:114 Resp: 547664
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 15.6 0.0 32.2

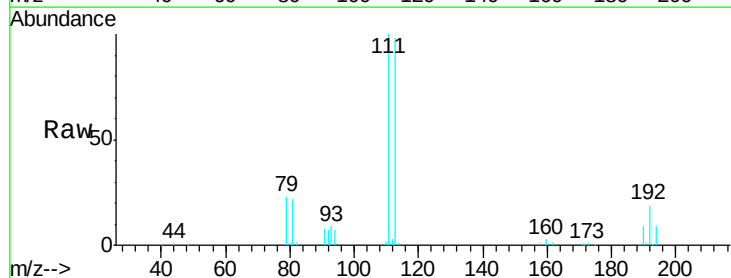


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

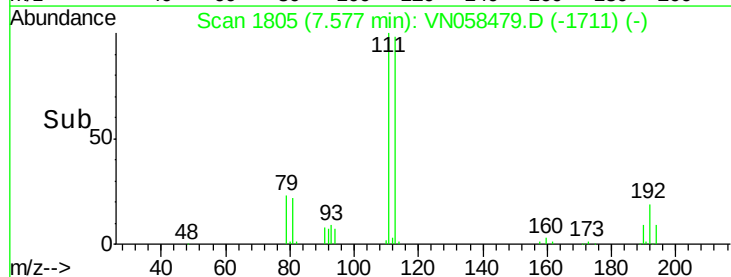
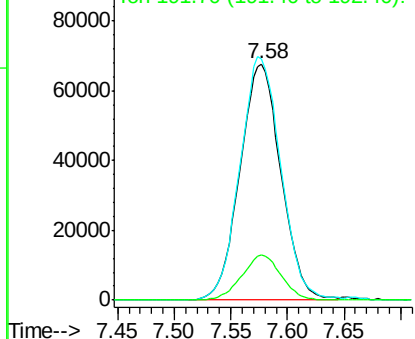


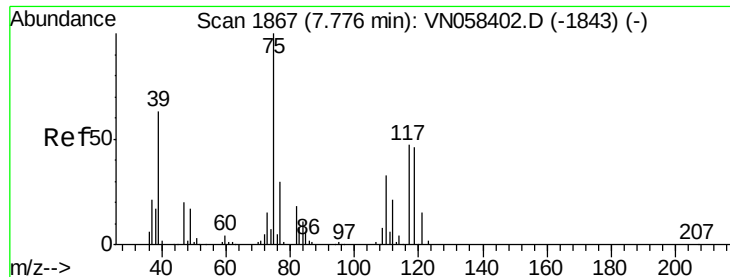
#35
 Dibromofluoromethane
 Concen: 50.735 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

Tgt Ion:113 Resp: 170296
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.4 125.2
 192 18.4 14.9 22.3



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

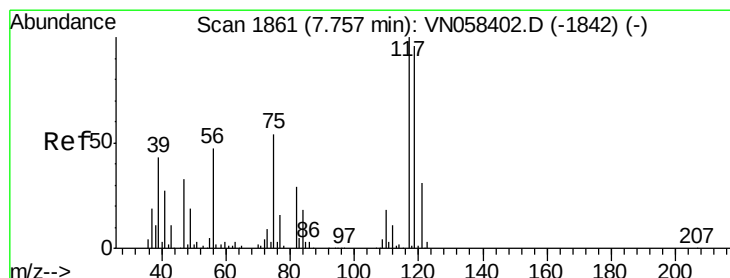
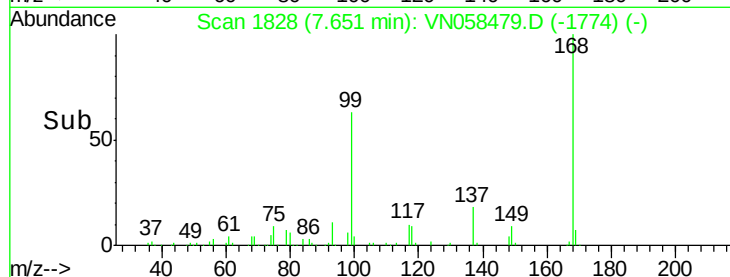
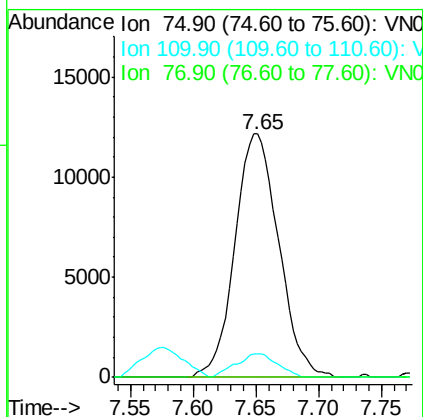
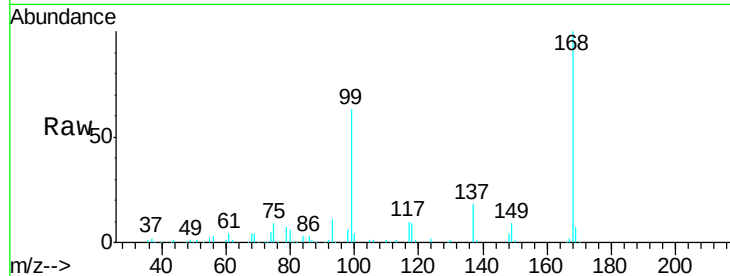




#36
 1,1-Dichloropropene
 Concen: 5.637 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

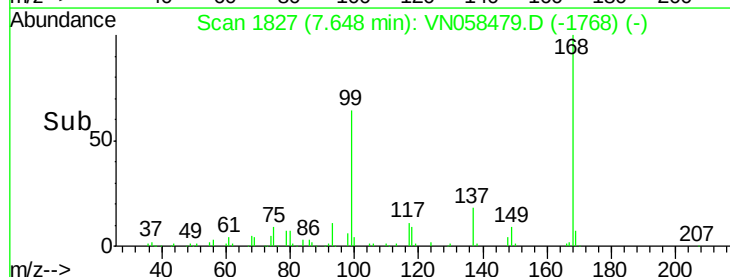
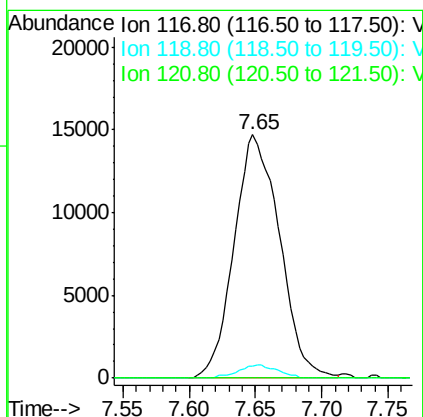
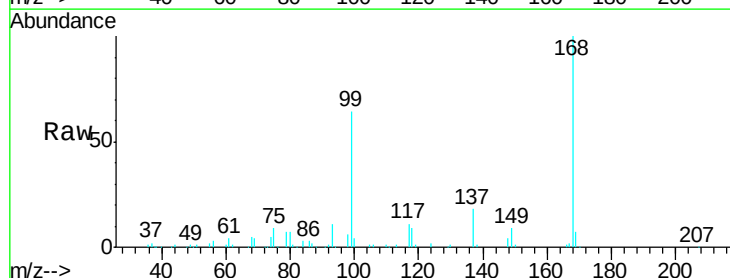
Instrument :
 MSVOA_N
 ClientSampled :
 PB123550TB

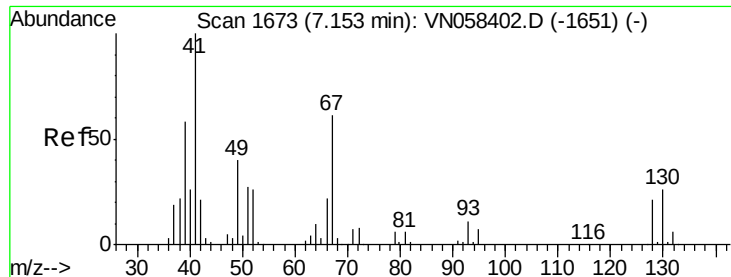
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.4	49.2#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 7.424 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.6	115.0#
121	0.0	24.7	37.1#

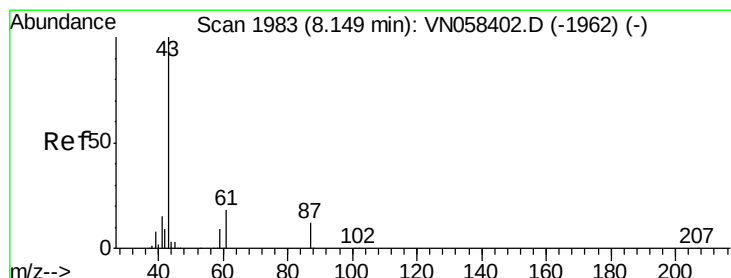
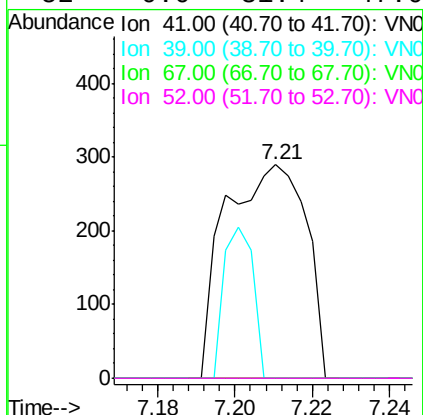
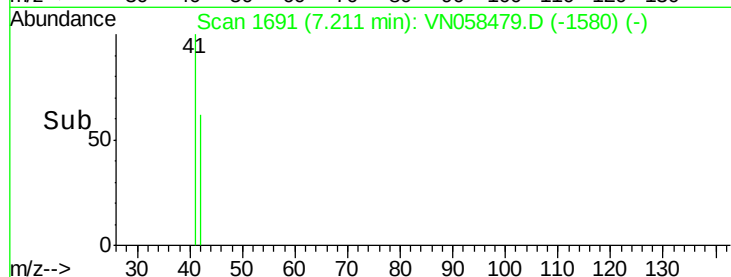
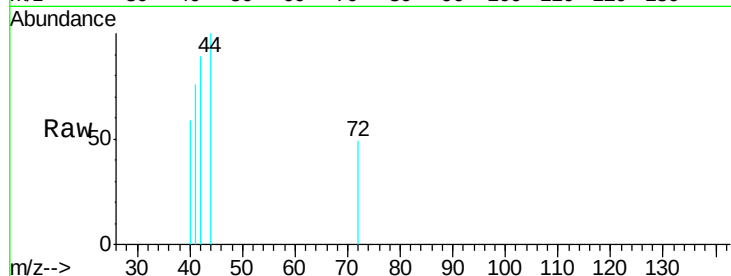




#41
Methacrylonitrile
Concen: 0.207 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.06 min
Lab File: VN058479.D
Acq: 2 Oct 2019 17:01

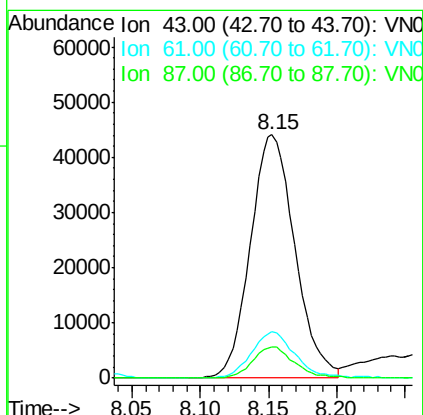
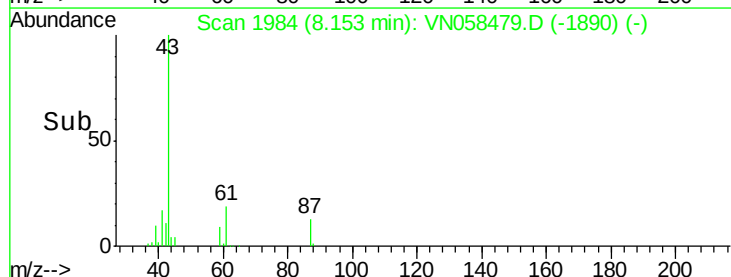
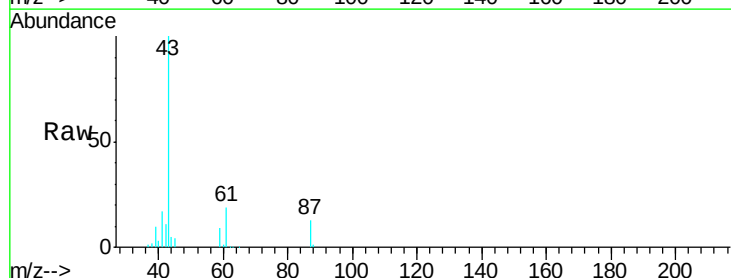
Instrument :
MSVOA_N
ClientSampleId :
PB123550TB

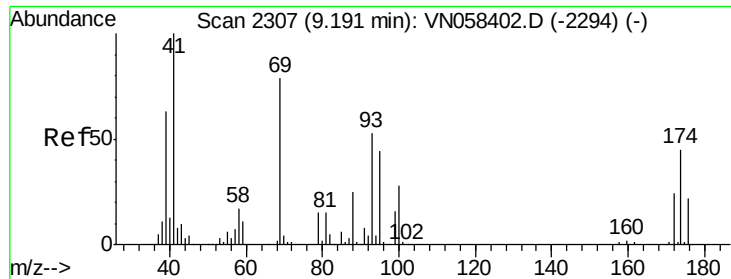
Tgt Ion: 41 Resp: 422
Ion Ratio Lower Upper
41 100
39 25.4 50.2 75.4#
67 0.0 70.2 105.4#
52 0.0 31.4 47.0#



#43
Isopropyl Acetate
Concen: 11.944 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058479.D
Acq: 2 Oct 2019 17:01

Tgt Ion: 43 Resp: 99723
Ion Ratio Lower Upper
43 100
61 18.6 14.8 22.2
87 12.0 9.7 14.5

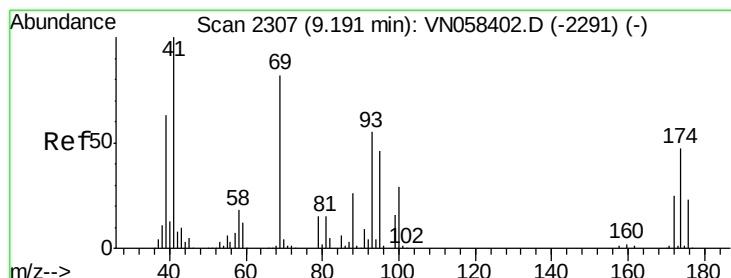
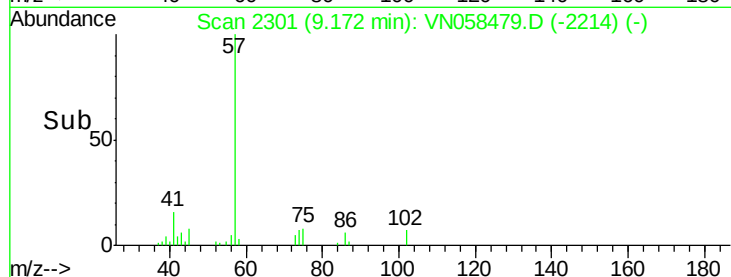
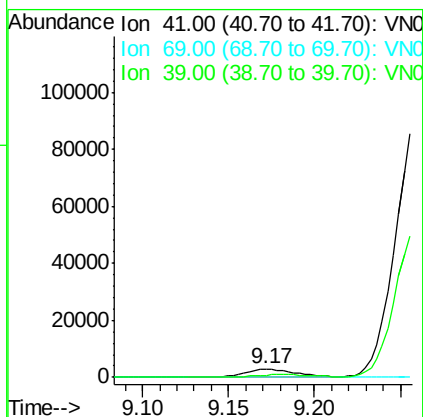
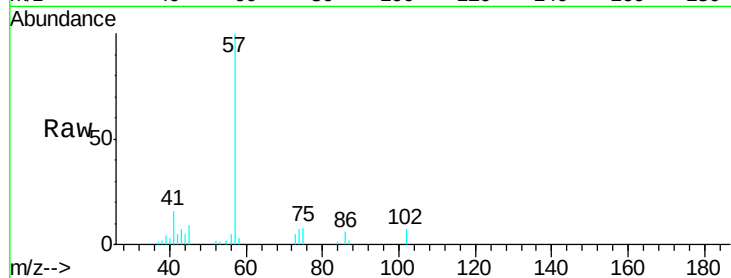




#48
Methyl methacrylate
Concen: 1.625 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058479.D
Acq: 2 Oct 2019 17:01

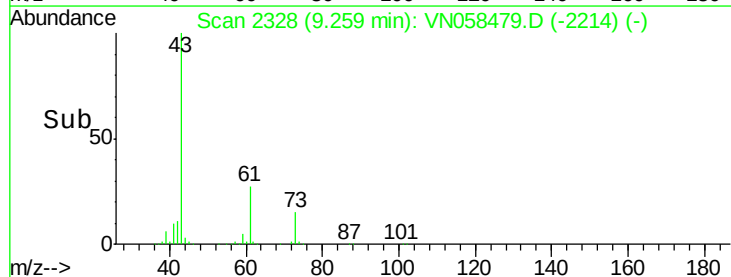
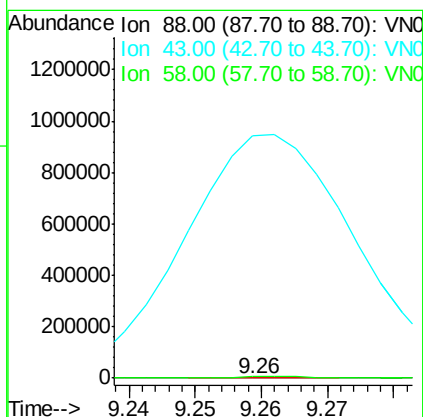
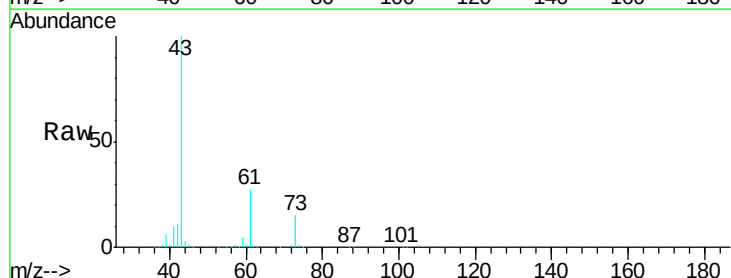
Instrument :
MSVOA_N
ClientSampled :
PB123550TB

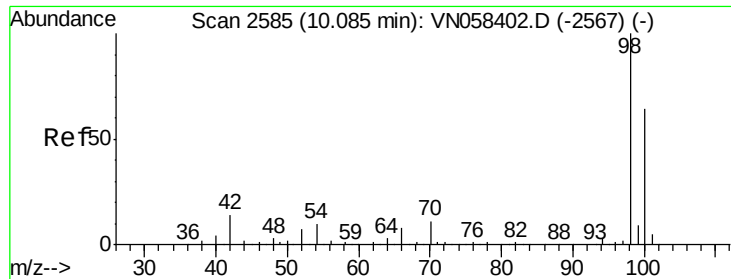
Tgt Ion: 41 Resp: 6176
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 0.0 52.9 79.3#



#49
1,4-Dioxane
Concen: 2.734 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.07 min
Lab File: VN058479.D
Acq: 2 Oct 2019 17:01

Tgt Ion: 88 Resp: 139
Ion Ratio Lower Upper
88 100
43 1272439.6 31.1 46.7#
58 6075.5 58.1 87.1#

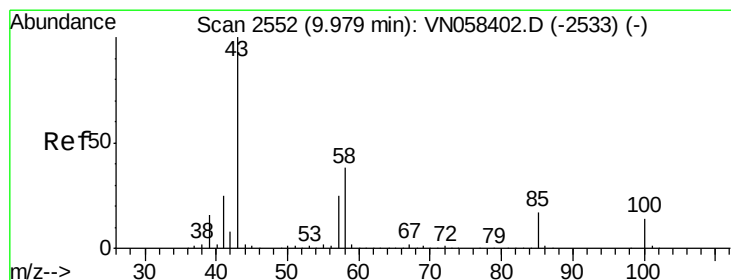
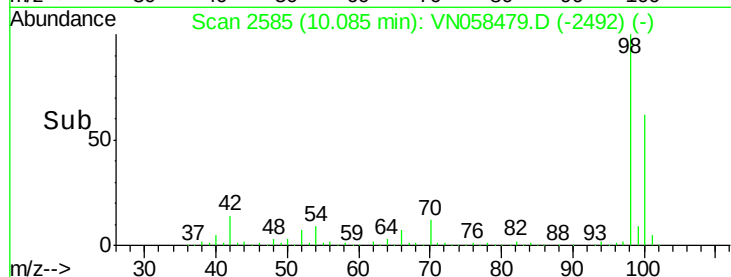
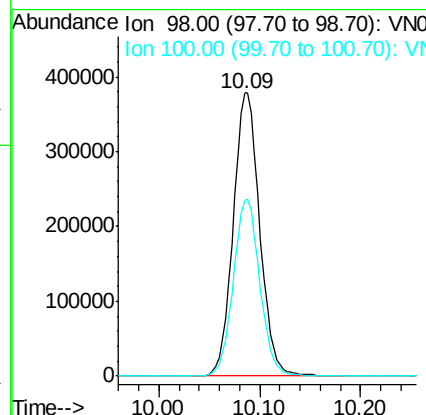
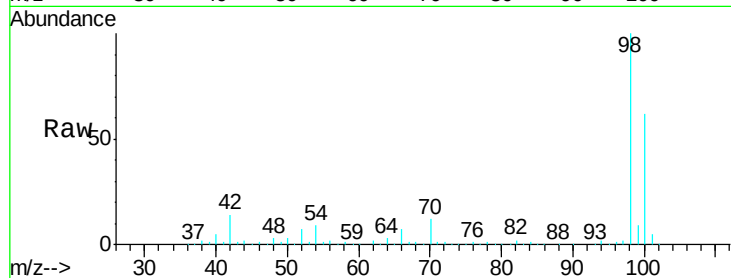




#50
Toluene-d8
Concen: 52.713 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058479.D
Acq: 2 Oct 2019 17:01

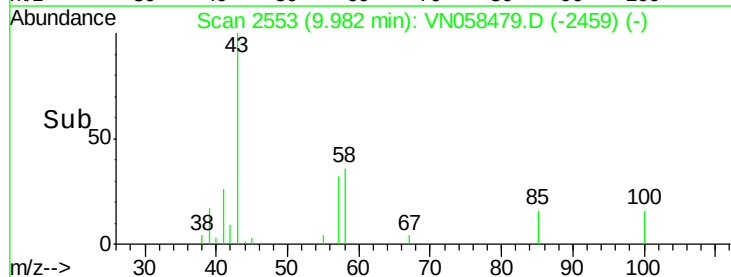
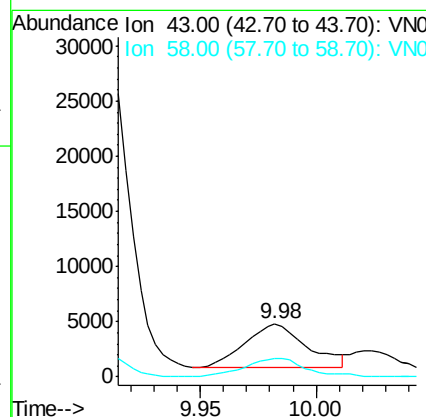
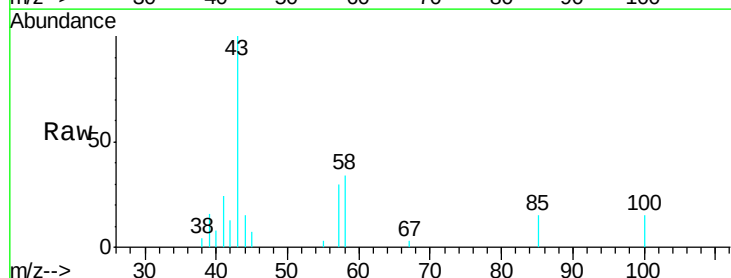
Instrument :
MSVOA_N
ClientSampleId :
PB123550TB

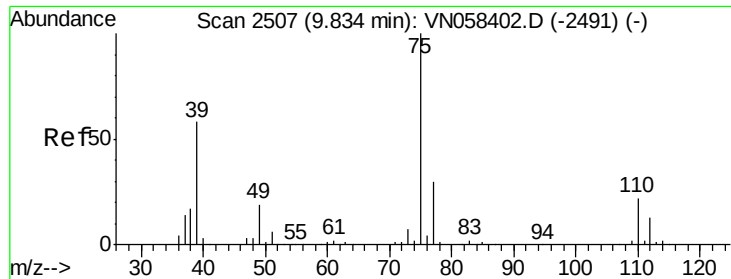
Tgt Ion: 98 Resp: 693133
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 1.732 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN058479.D
Acq: 2 Oct 2019 17:01

Tgt Ion: 43 Resp: 7426
Ion Ratio Lower Upper
43 100
58 41.6 30.2 45.2





#54

cis-1,3-Dichloropropene

Concen: 7.377 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

PB123550TB

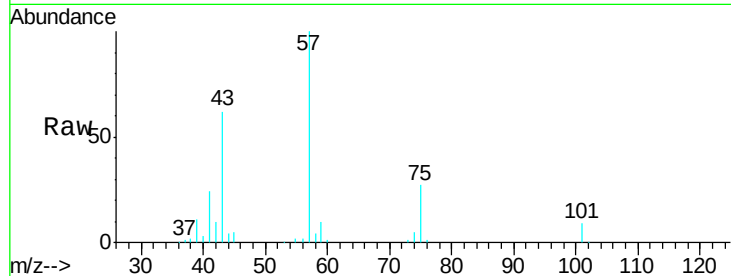
Tgt Ion: 75 Resp: 43175

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.4#

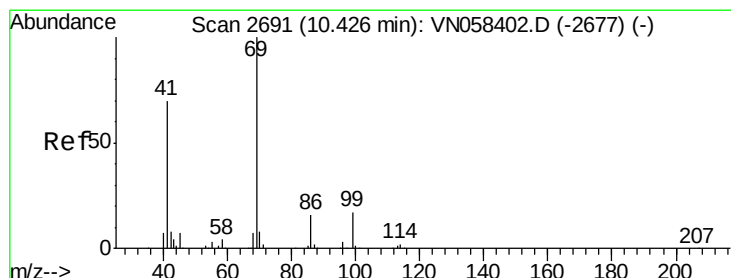
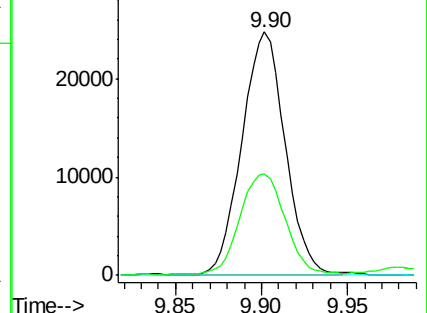
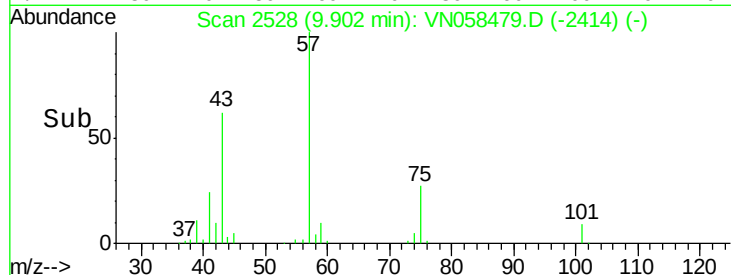
39 41.0 46.4 69.6#



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



#56

Ethyl methacrylate

Concen: 0.366 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

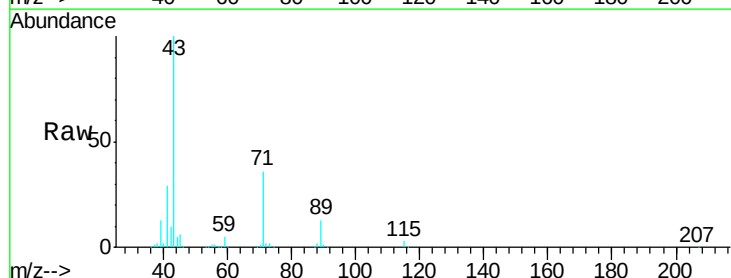
Tgt Ion: 69 Resp: 1916

Ion Ratio Lower Upper

69 100

41 5941.5 56.3 84.5#

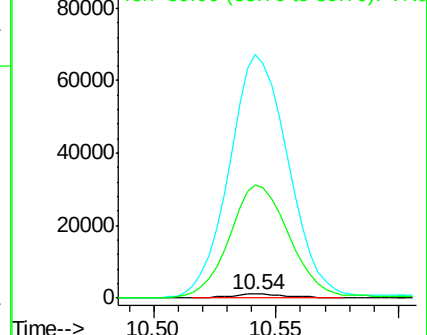
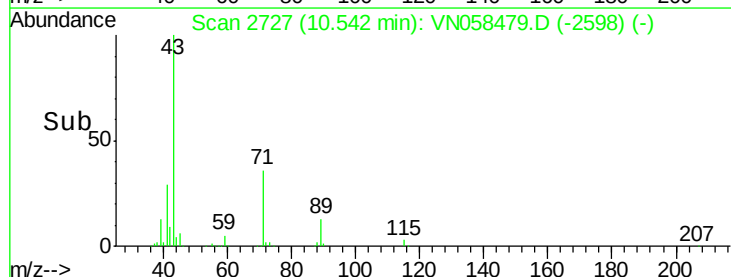
39 2795.8 35.8 53.6#

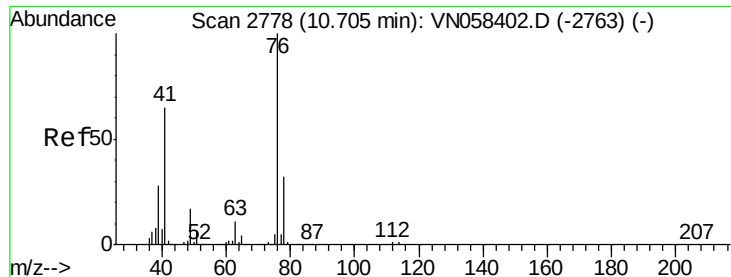


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.216 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

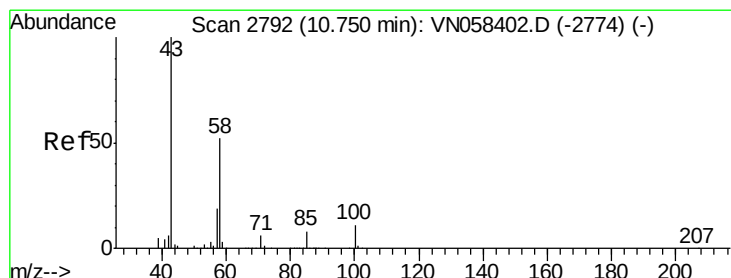
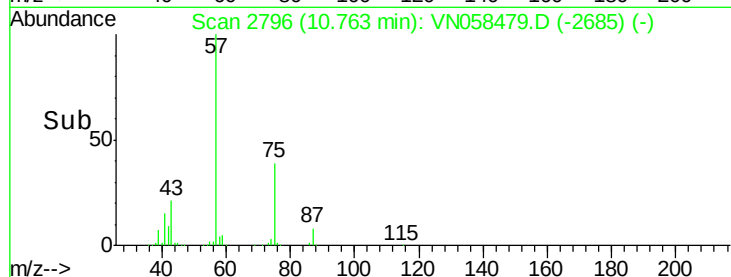
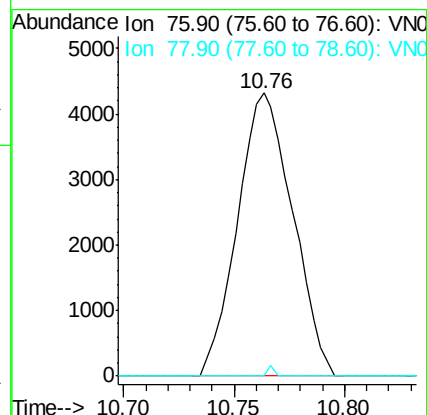
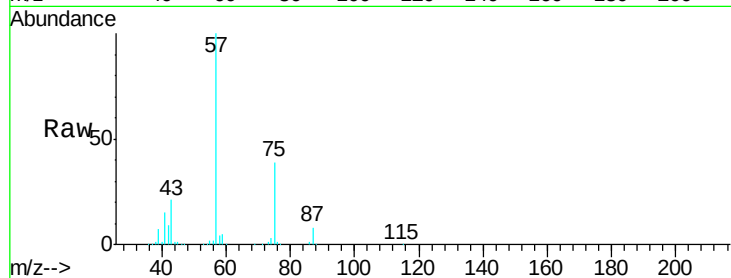
PB123550TB

Tgt Ion: 76 Resp: 7485

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#59

2-Hexanone

Concen: 38.722 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058479.D

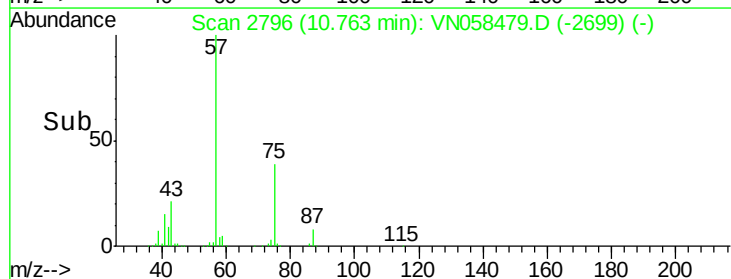
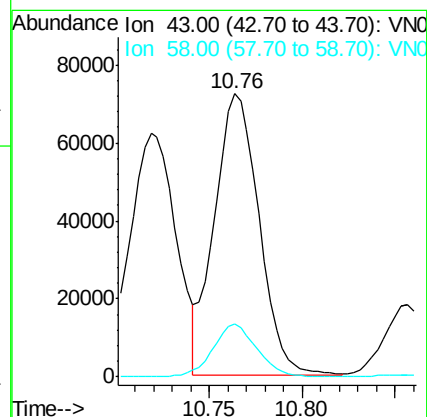
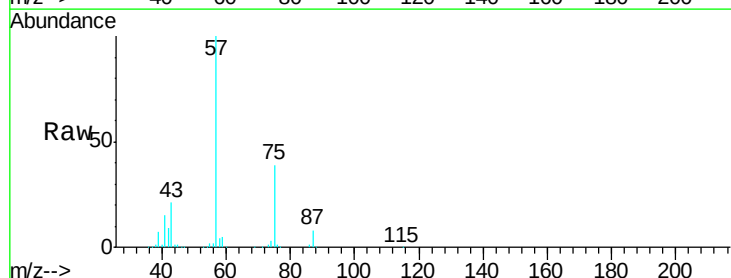
Acq: 2 Oct 2019 17:01

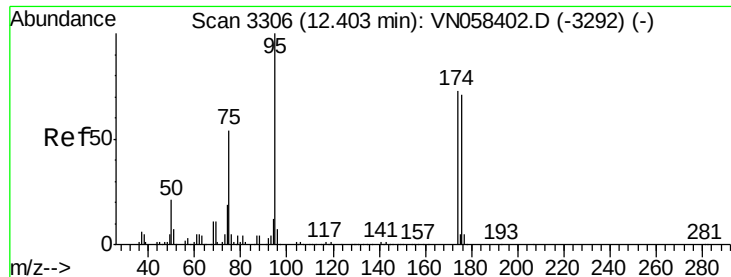
Tgt Ion: 43 Resp: 120919

Ion Ratio Lower Upper

43 100

58 18.6 25.8 77.3#





#62

4-Bromofluorobenzene

Concen: 44.269 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

PB123550TB

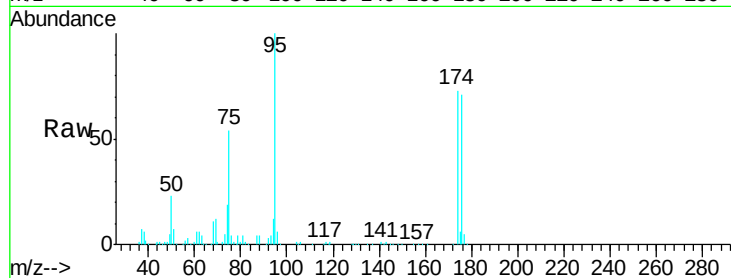
Tgt Ion: 95 Resp: 210477

Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.6

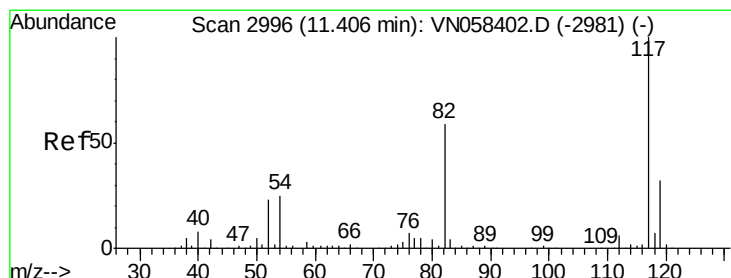
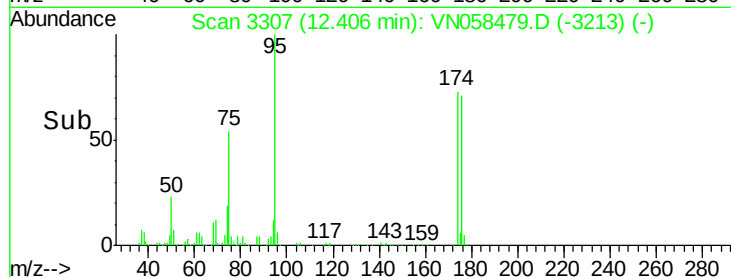
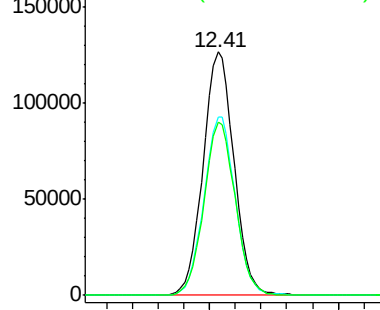
176 71.6 0.0 146.2



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# 2997

Delta R.T. 0.00 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

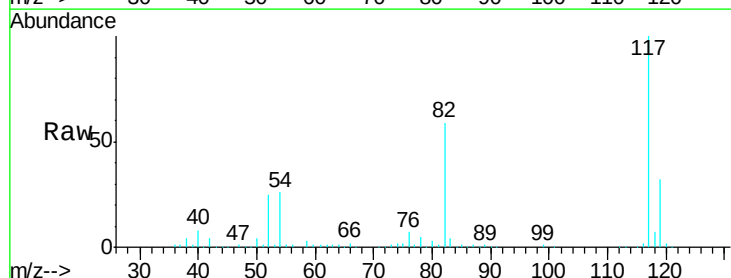
Tgt Ion: 117 Resp: 468095

Ion Ratio Lower Upper

117 100

82 59.3 47.4 71.0

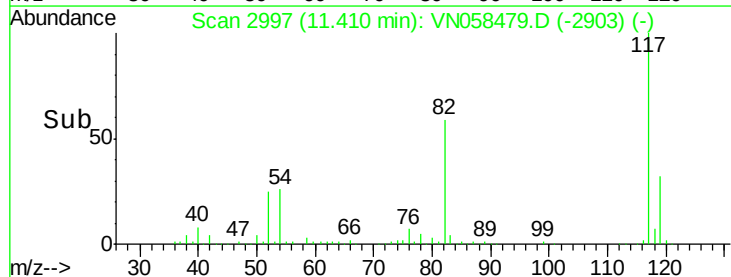
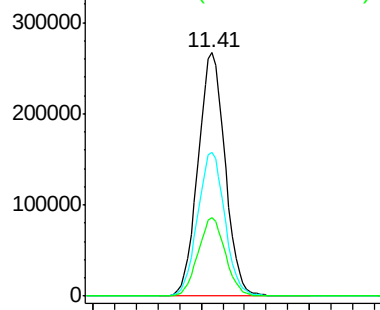
119 32.1 25.5 38.3

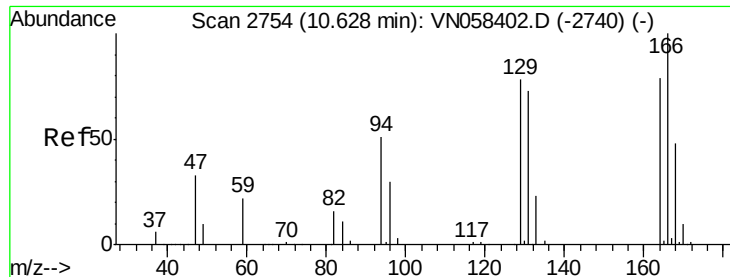


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 0.744 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058479.D

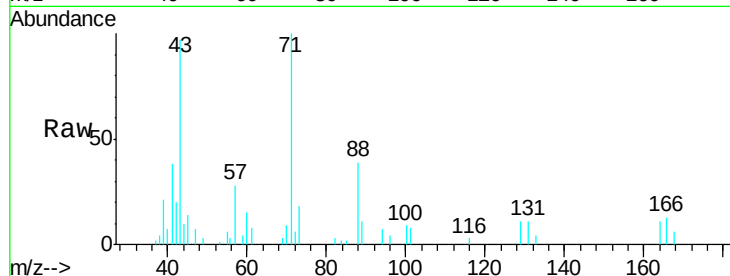
Acq: 2 Oct 2019 17:01

Instrument :

MSVOA_N

ClientSampled :

PB123550TB



Tgt Ion:164 Resp: 2212

Ion Ratio Lower Upper

164 100

166 117.5 101.1 151.7

129 104.2 79.2 118.8

131 98.8 74.1 111.1

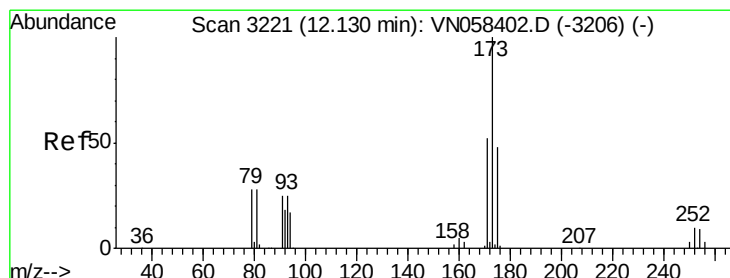
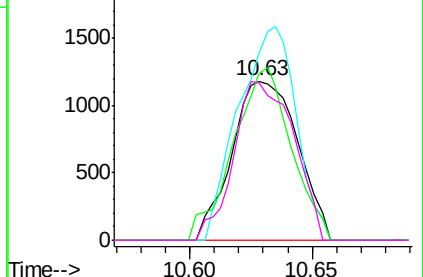
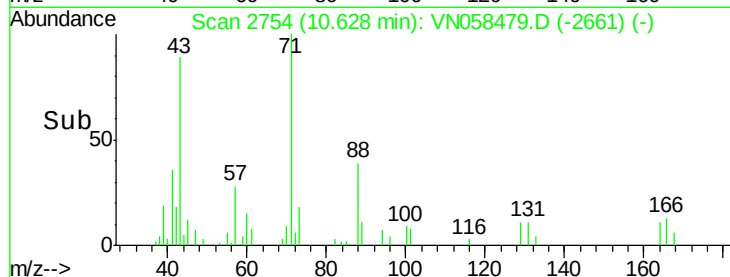
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



#71

Bromoform

Concen: 0.729 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

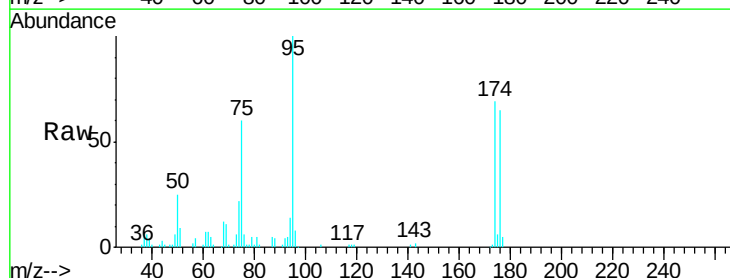
Tgt Ion:173 Resp: 75

Ion Ratio Lower Upper

173 100

175 12846.7 24.3 73.0#

254 0.0 0.1 0.1#

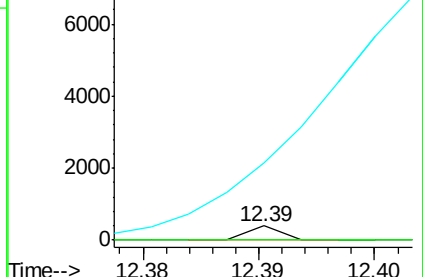
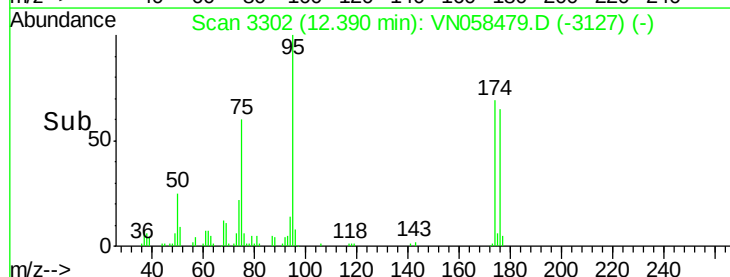


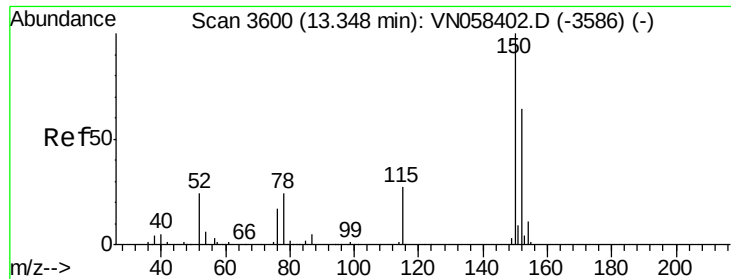
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

PB123550TB

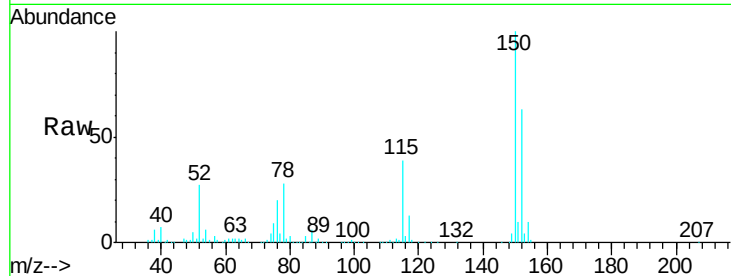
Tgt Ion:152 Resp: 167187

Ion Ratio Lower Upper

152 100

115 62.4 30.0 90.0

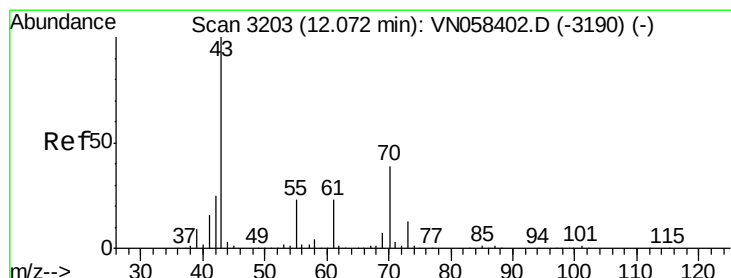
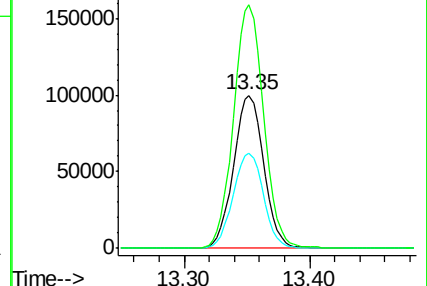
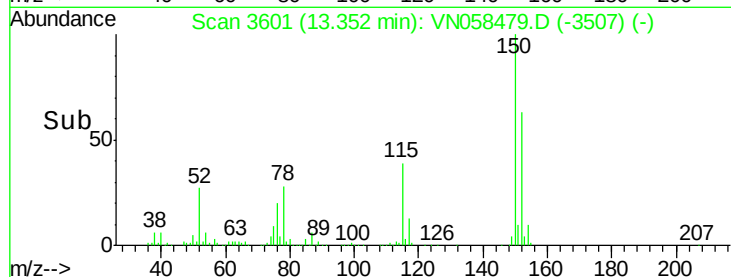
150 158.7 0.0 348.2



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



#74

N-ethyl acetate

Concen: 0.397 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.01 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

Tgt Ion: 43 Resp: 1953

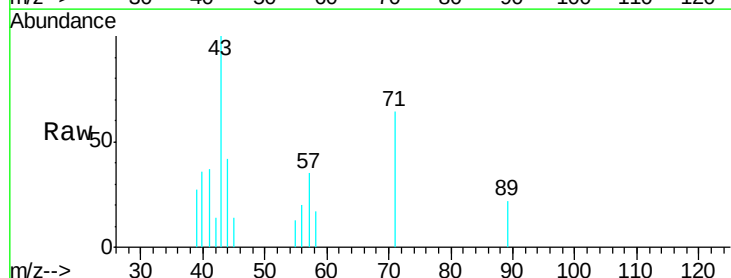
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 13.4 18.2 27.4#

61 0.0 18.3 27.5#

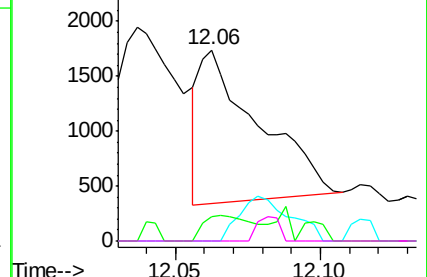
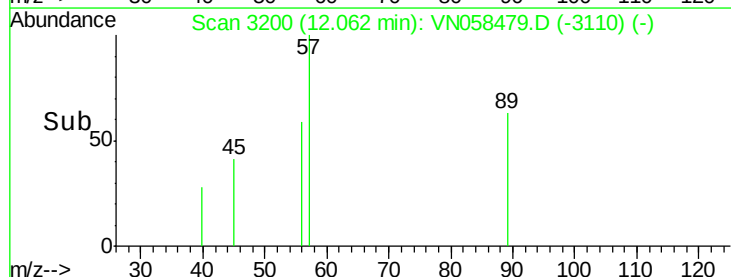


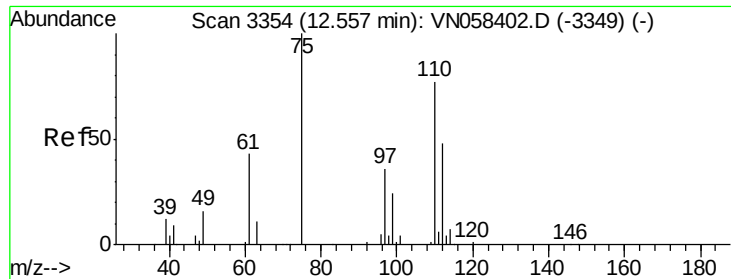
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 37.802 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

Instrument :

MSVOA_N

ClientSampled :

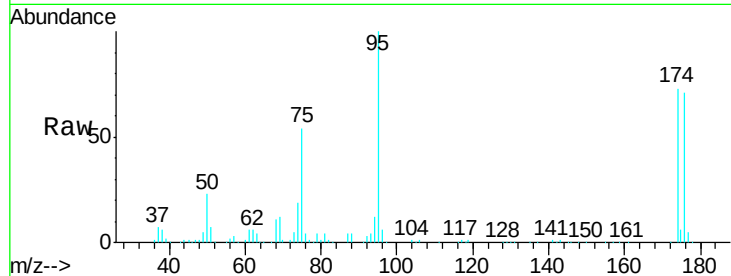
PB123550TB

Tgt Ion: 75 Resp: 115436

Ion Ratio Lower Upper

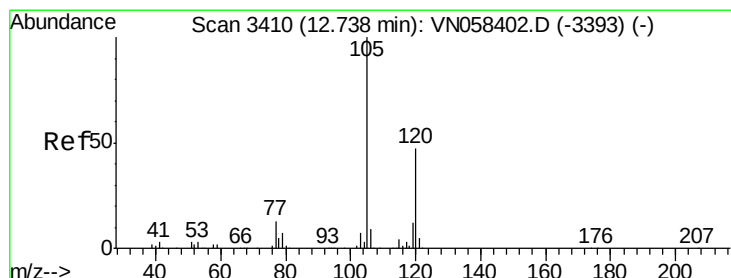
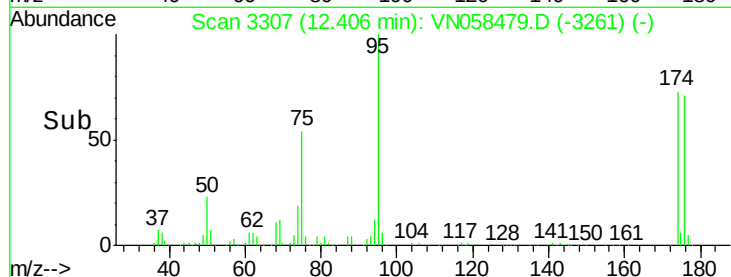
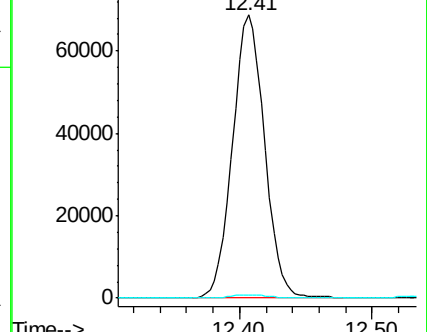
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN058402.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN058402.D (-3349) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.927 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058479.D

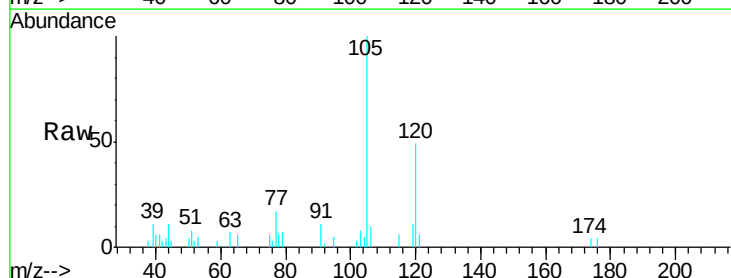
Acq: 2 Oct 2019 17:01

Tgt Ion: 105 Resp: 9585

Ion Ratio Lower Upper

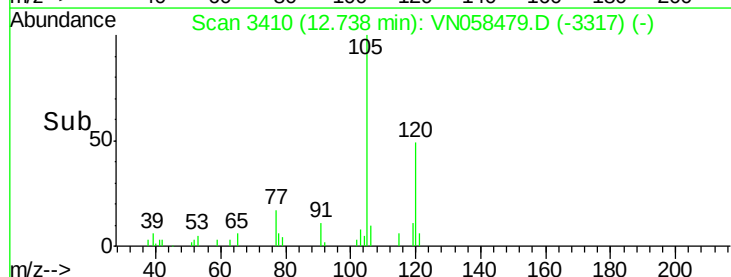
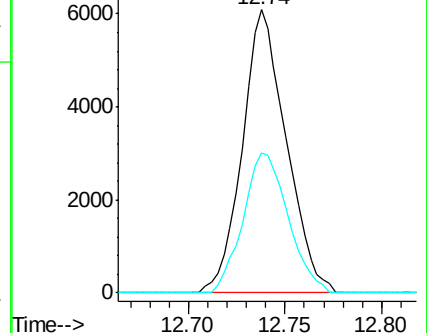
105 100

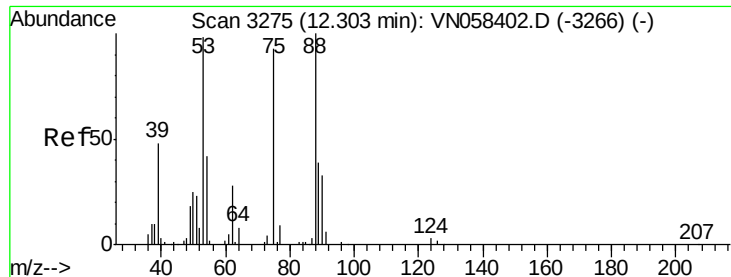
120 50.6 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VN058402.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN058402.D (-3393) (-)

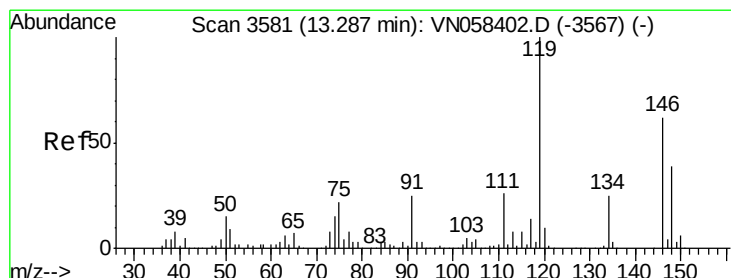
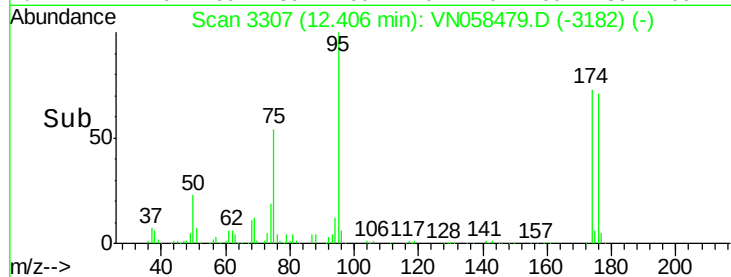
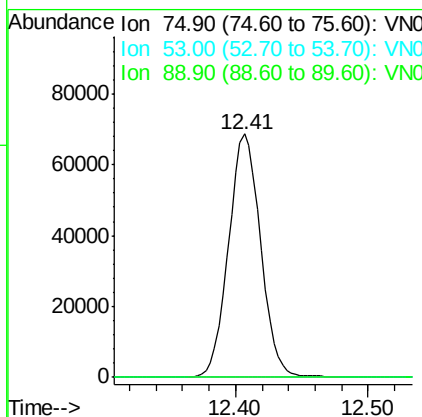
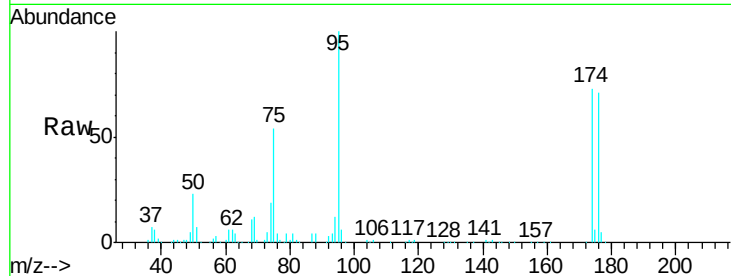




#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.810 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

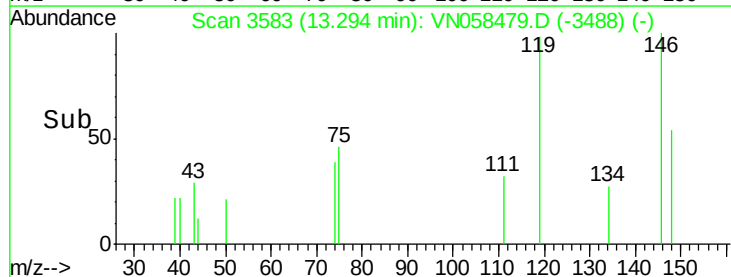
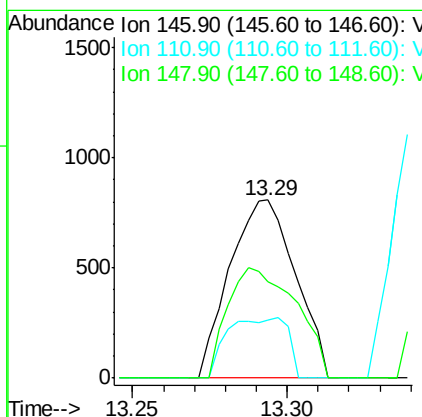
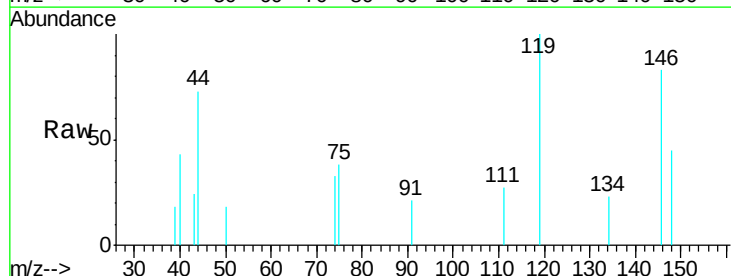
Instrument :
 MSVOA_N
 ClientSampled :
 PB123550TB

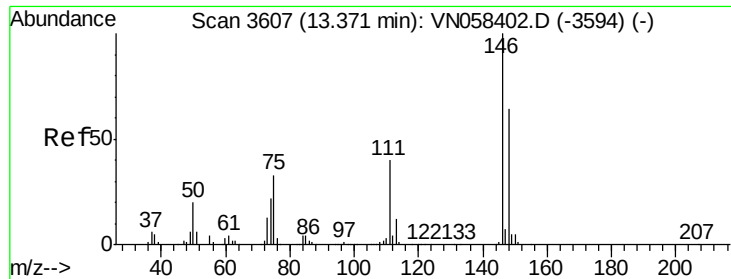
Tgt Ion: 75 Resp: 115436
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.4 128.0#
 89 0.0 35.0 52.4#



#87
 1,3-Dichlorobenzene
 Concen: 0.227 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.01 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

Tgt Ion: 146 Resp: 1194
 Ion Ratio Lower Upper
 146 100
 111 30.8 20.8 62.4
 148 64.7 31.4 94.3





#88

1,4-Dichlorobenzene

Concen: 0.228 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. -0.08 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

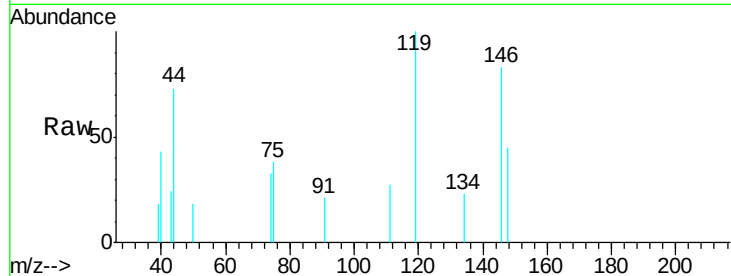
Instrument :

MSVOA_N

ClientSampled :

PB123550TB

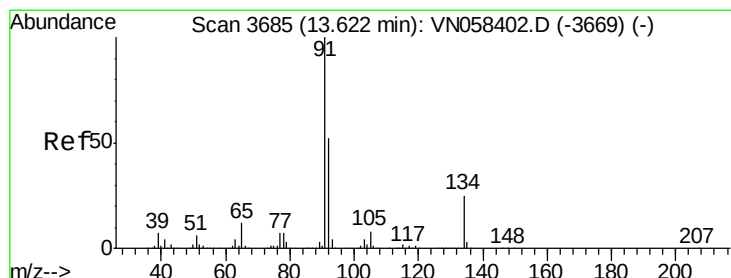
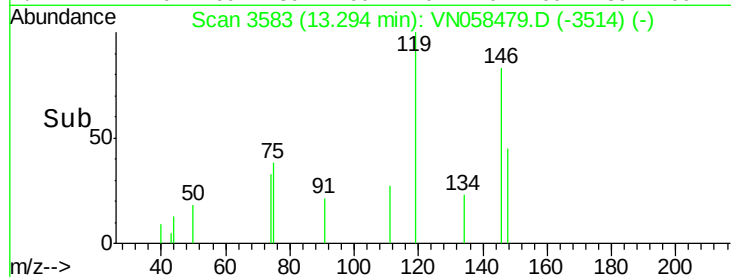
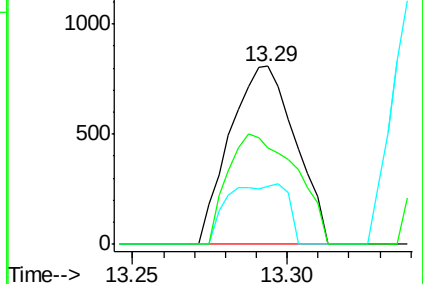
Tgt Ion:	146	Resp:	1194
Ion	Ratio	Lower	Upper
146	100		
111	30.8	20.5	61.6
148	64.7	31.5	94.5



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: 0.346 ug/l

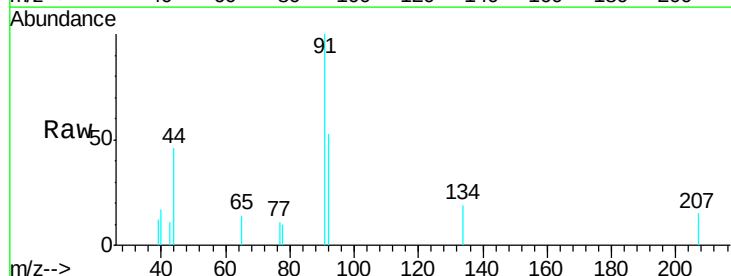
RT: 13.63 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN058479.D

Acq: 2 Oct 2019 17:01

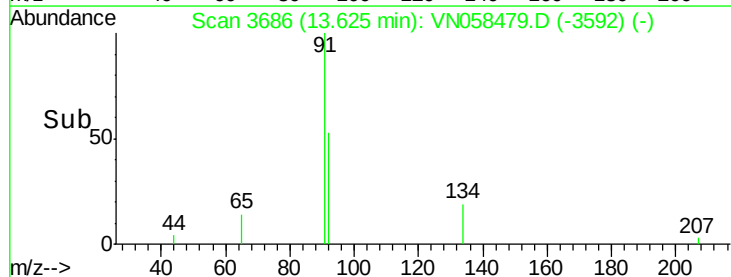
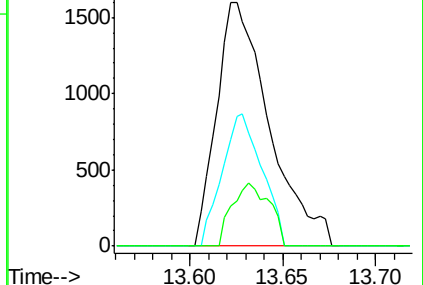
Tgt Ion:	91	Resp:	3167
Ion	Ratio	Lower	Upper
91	100		
92	40.8	25.7	77.1
134	18.2	12.2	36.6

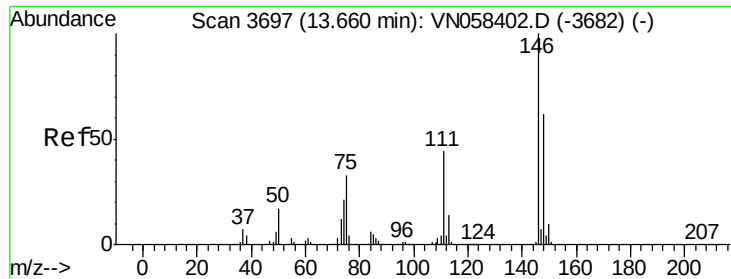


Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 92.00 (91.70 to 92.70): VN

Ion 134.00 (133.70 to 134.70): V

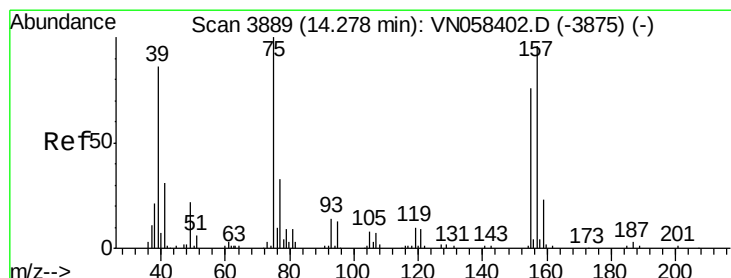
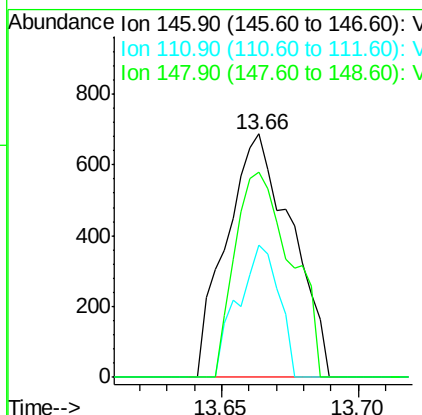
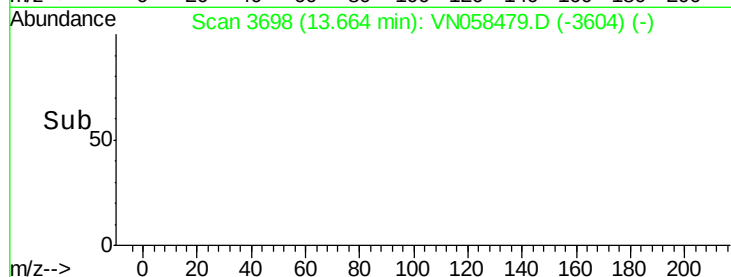
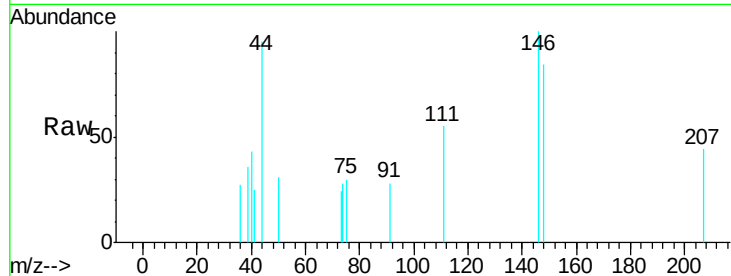




#91
 1,2-Dichlorobenzene
 Concen: 0.226 ug/l
 RT: 13.66 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

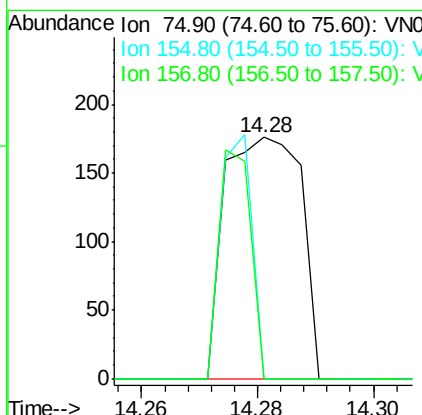
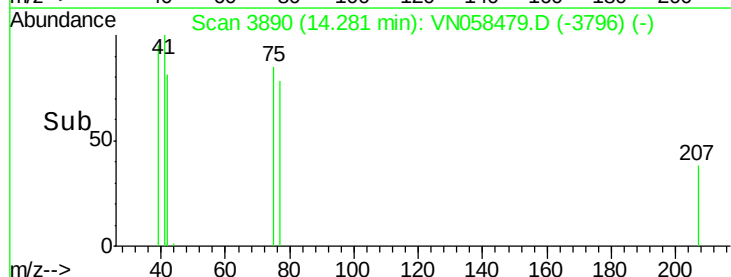
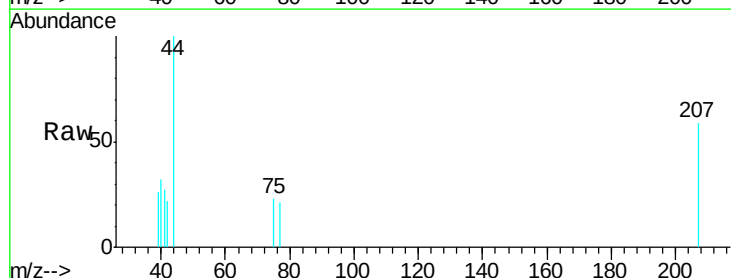
Instrument :
 MSVOA_N
 ClientSampleId :
 PB123550TB

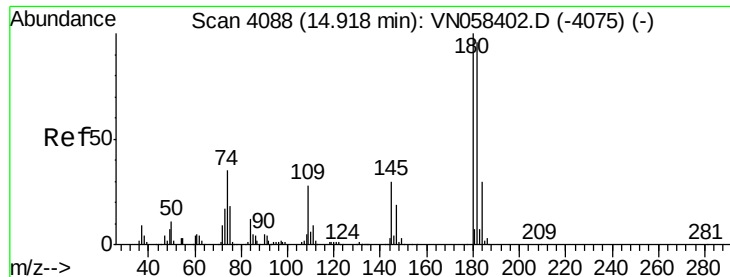
Tgt Ion: 146 Resp: 1143
 Ion Ratio Lower Upper
 146 100
 111 34.0 21.8 65.3
 148 72.5 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.248 ug/l
 RT: 14.28 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

Tgt Ion: 75 Resp: 160
 Ion Ratio Lower Upper
 75 100
 155 40.6 39.2 117.6
 157 39.4 48.7 146.1#

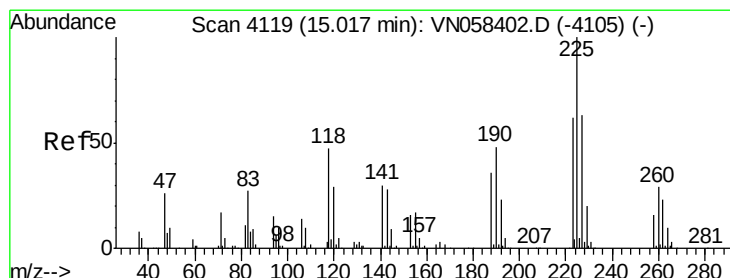
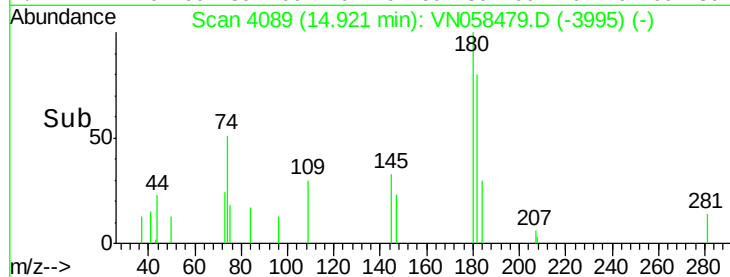
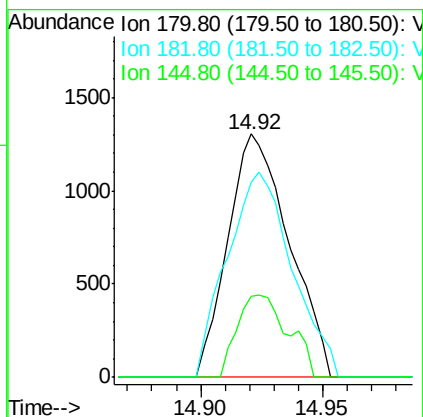
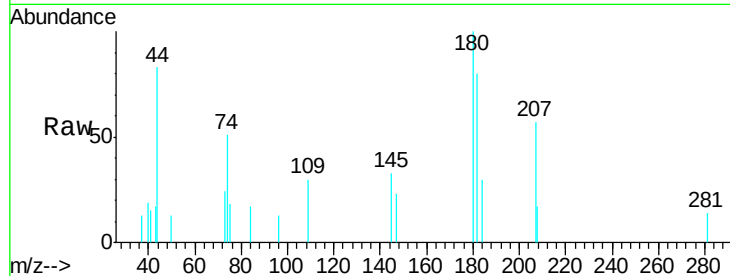




#93
 1,2,4-Trichlorobenzene
 Concen: 0.813 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

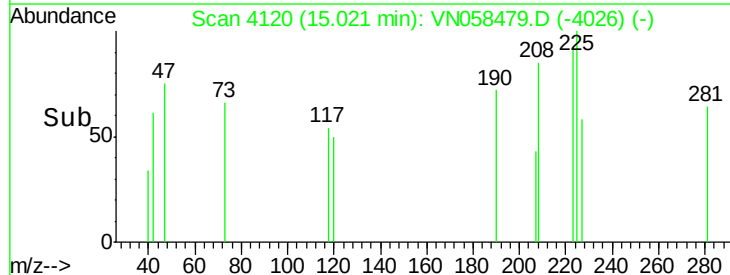
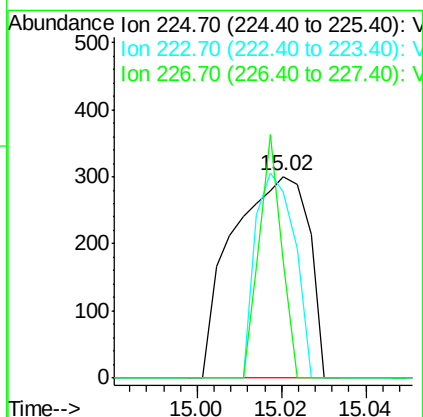
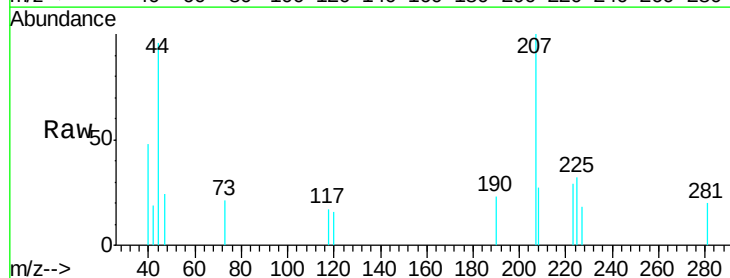
Instrument :
 MSVOA_N
 ClientSampled :
 PB123550TB

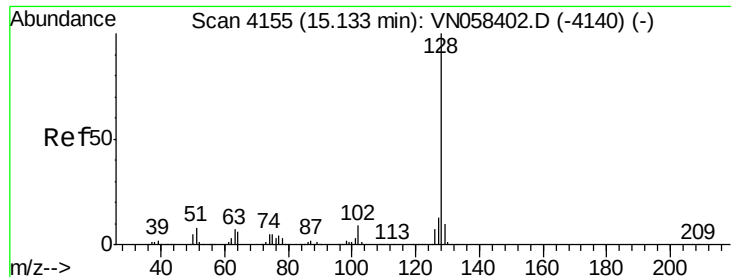
Tgt Ion:180 Resp: 2268
 Ion Ratio Lower Upper
 180 100
 182 89.6 47.4 142.3
 145 28.1 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 0.264 ug/l
 RT: 15.02 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: VN058479.D
 Acq: 2 Oct 2019 17:01

Tgt Ion:225 Resp: 378
 Ion Ratio Lower Upper
 225 100
 223 51.9 31.1 93.5
 227 35.7 31.4 94.2

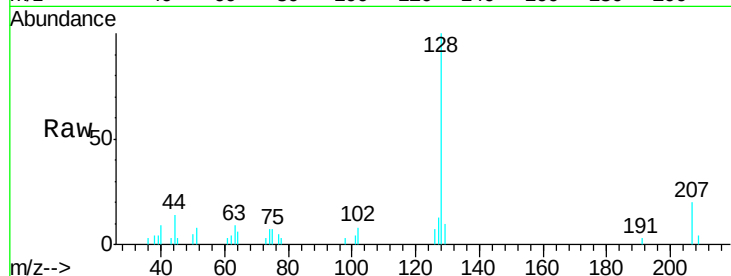




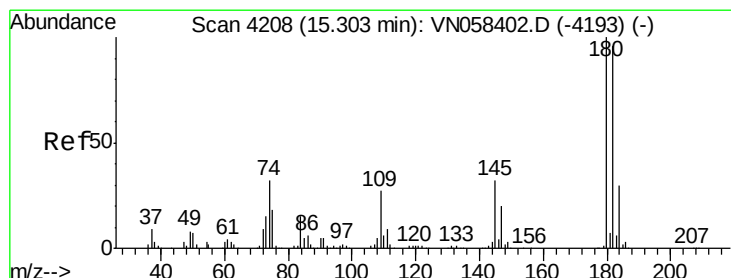
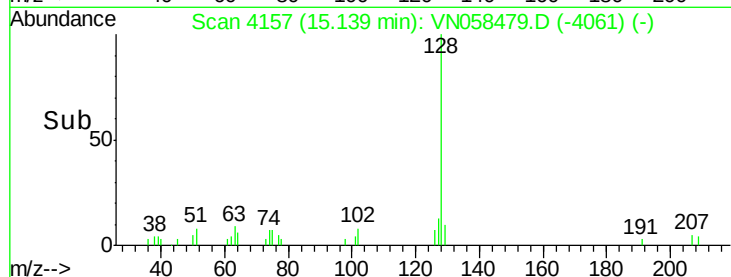
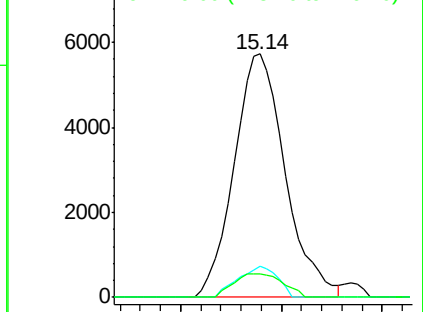
#95
Naphthalene
Concen: 1.214 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN058479.D
Acq: 2 Oct 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
PB123550TB

Tgt Ion:128 Resp: 10153
Ion Ratio Lower Upper
128 100
127 9.8 10.2 15.4#
129 9.3 8.3 12.5

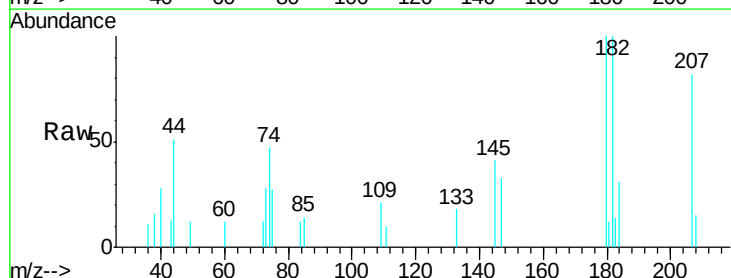


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 0.925 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. 0.00 min
Lab File: VN058479.D
Acq: 2 Oct 2019 17:01

Tgt Ion:180 Resp: 2655
Ion Ratio Lower Upper
180 100
182 104.6 48.3 144.9
145 33.3 16.1 48.3



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

