

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
 Data File : VN057179.D
 Acq On : 11 Aug 2019 11:49
 Operator : JC/SP
 Sample : PB122100TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122100TB

Quant Time: Aug 12 05:52:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1413255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1956939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1637679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	416170	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	652458	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
35) Dibromofluoromethane	6.99	113	594284	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	9.56	98	2290765	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.92	95	609054	40.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.46%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.14	74	24991	3.208	ug/l	95
11) Tert butyl alcohol	4.23	59	10063	4.865	ug/l #	75
13) Acrolein	3.31	56	380	0.290	ug/l #	14
16) Acetone	3.48	43	103820	23.653	ug/l	98
18) Methyl Acetate	3.90	43	15242	0.515	ug/l #	85
20) Methylene Chloride	4.10	84	122413	8.450	ug/l	98
25) 2-Butanone	6.23	43	3983	0.594	ug/l #	66
29) Tetrahydrofuran	6.60	42	1128	0.250	ug/l #	58
31) Cyclohexane	7.05	56	20843	0.989	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	83883	5.206	ug/l #	49
38) Carbon Tetrachloride	7.05	117	119890	7.140	ug/l #	16
43) Isopropyl Acetate	7.56	43	32648	1.440	ug/l #	87
45) 1,2-Dichloropropane	8.71	63	2892	0.219	ug/l #	43
48) Methyl methacrylate	8.62	41	19341	1.810	ug/l #	10
49) 1,4-Dioxane	8.64	88	315	1.447	ug/l #	1
51) 4-Methyl-2-Pentanone	9.44	43	7778	0.590	ug/l	92
54) cis-1,3-Dichloropropene	9.36	75	79286	4.037	ug/l #	58
57) 1,3-Dichloropropane	10.25	76	20421	0.995	ug/l #	42
59) 2-Hexanone	10.25	43	258663	28.972	ug/l #	50
60) Dibromochloromethane	10.12	129	4277	0.327	ug/l #	11
64) Tetrachloroethene	10.12	164	4969	0.365	ug/l	96
71) Bromoform	11.92	173	4036	0.447	ug/l #	1
73) Isopropylbenzene	11.77	105	4075	Below Cal		78
75) 1,1,2,2-Tetrachloroethane	12.02	83	357	Below Cal	#	93
76) 1,2,3-Trichloropropane	11.92	75	278355	33.277	ug/l #	100
77) Bromobenzene	12.05	156	2068	0.207	ug/l	71
79) 2-Chlorotoluene	12.20	91	4234	Below Cal		75
80) 1,3,5-Trimethylbenzene	12.26	105	25010	0.778	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.92	75	278355	98.344	ug/l #	14
82) 4-Chlorotoluene	12.30	91	4755	0.206	ug/l	83
83) tert-Butylbenzene	12.52	119	3426	Below Cal		88
87) 1,3-Dichlorobenzene	12.81	146	4898	0.344	ug/l	93
88) 1,4-Dichlorobenzene	12.81	146	4898	0.363	ug/l	93
89) n-Butylbenzene	13.15	91	6720	0.306	ug/l	87

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QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration

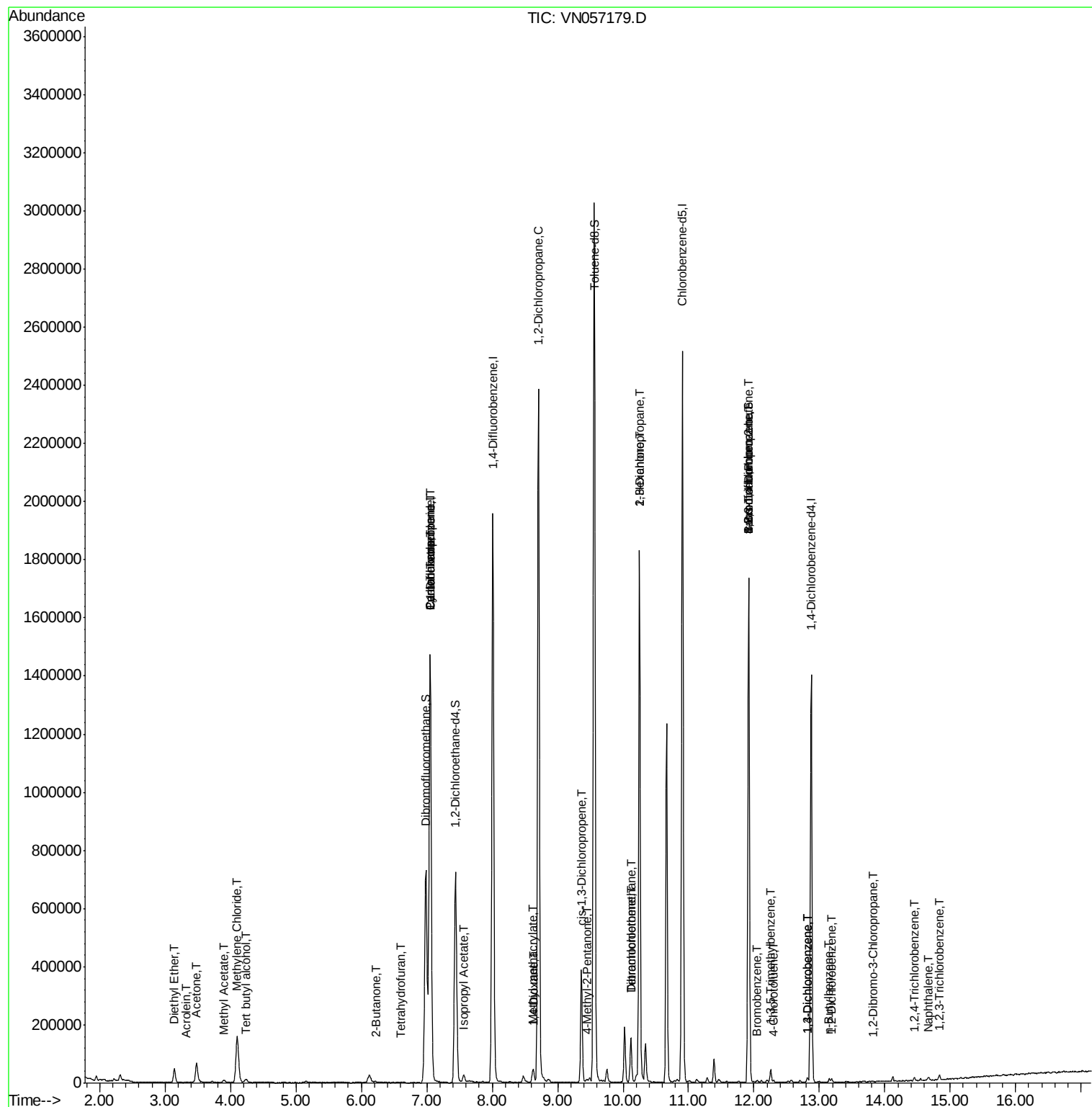
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.40	117	325	Below Cal	#	1
91) 1,2-Dichlorobenzene	13.19	146	6106	0.429	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	13.81	75	294	0.201	ug/l #	67
93) 1,2,4-Trichlorobenzene	14.45	180	4565	6.597	ug/l	89
94) Hexachlorobutadiene	14.55	225	1691	Below Cal		83
95) Naphthalene	14.67	128	9538	3.691	ug/l	97
96) 1,2,3-Trichlorobenzene	14.84	180	5384	6.485	ug/l	98

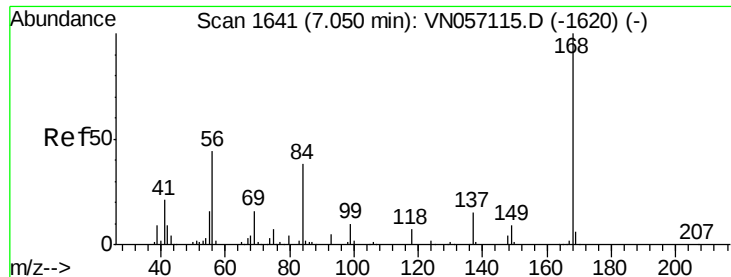
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

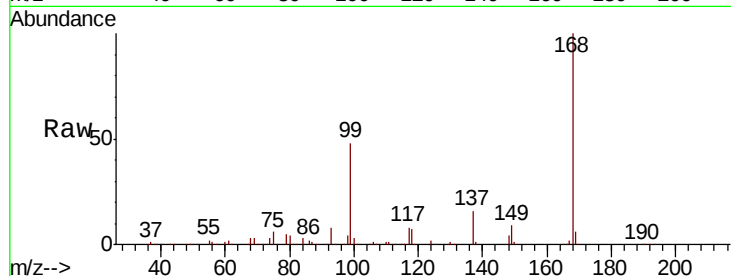
PB122100TB

Tgt Ion:168 Resp: 1413255

Ion Ratio Lower Upper

168 100

99 48.5 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

600000

500000

400000

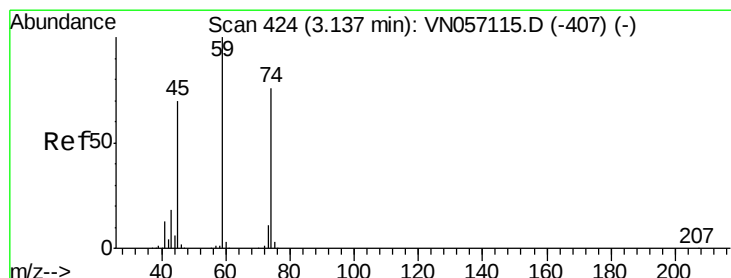
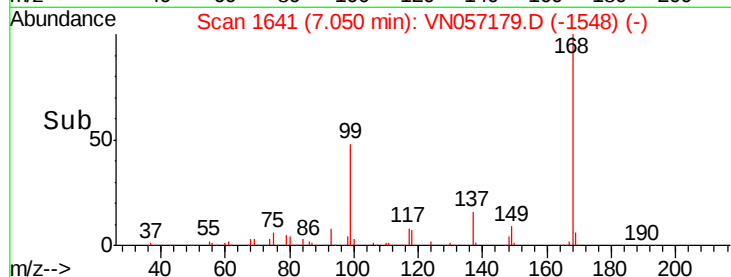
300000

200000

100000

0

Time--> 6.90 7.00 7.10



#8

Diethyl Ether

Concen: 3.208 ug/l

RT: 3.14 min Scan# 425

Delta R.T. 0.00 min

Lab File: VN057179.D

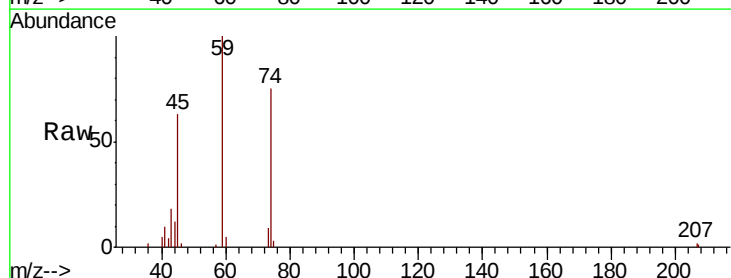
Acq: 11 Aug 2019 11:49

Tgt Ion: 74 Resp: 24991

Ion Ratio Lower Upper

74 100

45 87.5 46.3 138.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

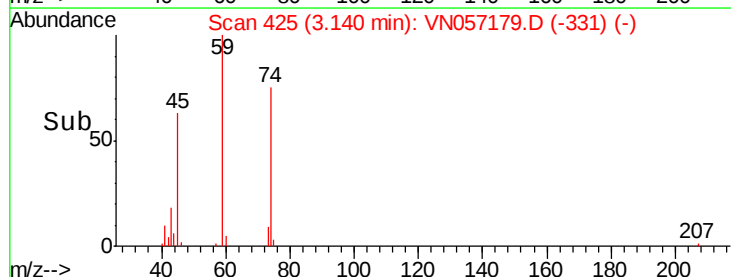
3.14

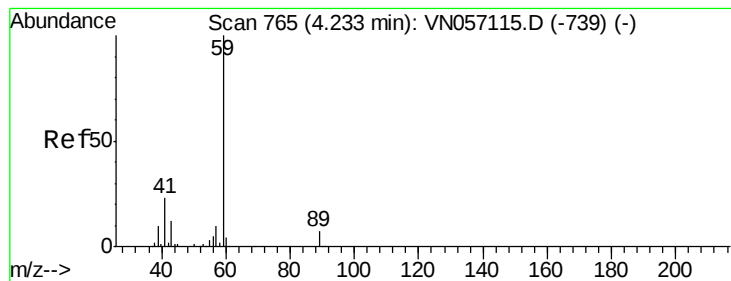
10000

5000

0

Time--> 3.10 3.15 3.20



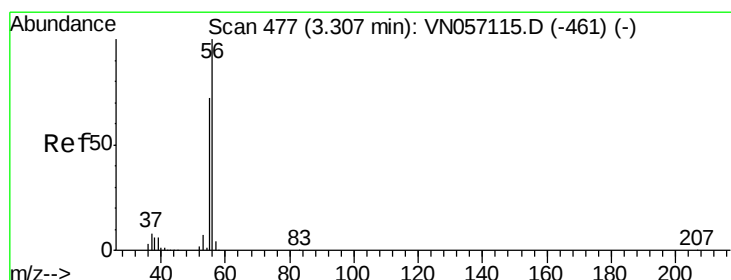
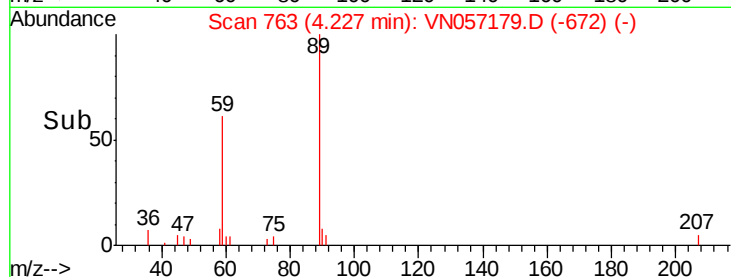
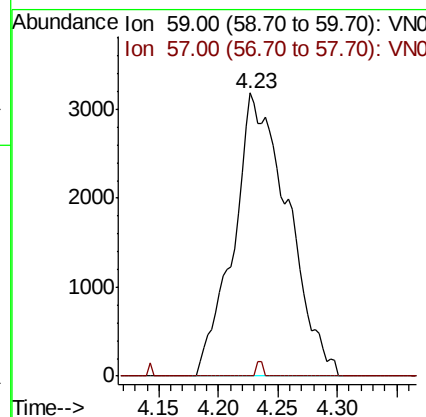
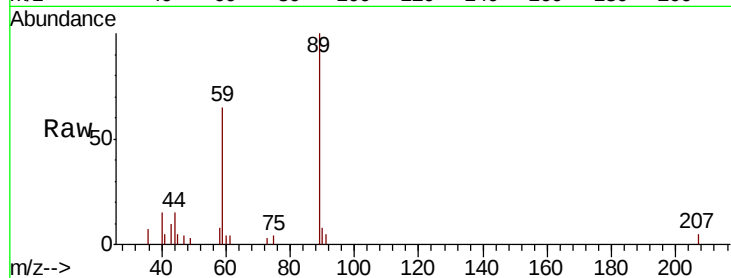


#11

Tert butyl alcohol
 Concen: 4.865 ug/l
 RT: 4.23 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Instrument :
 MSVOA_N
 ClientSampled :
 PB122100TB

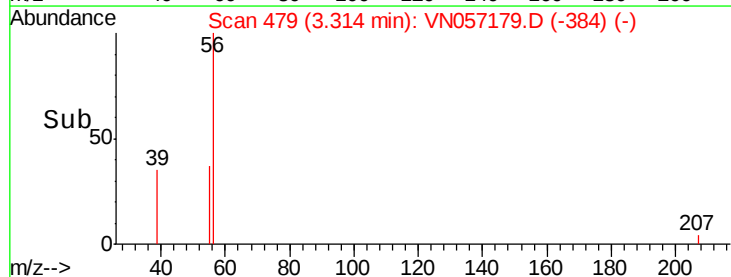
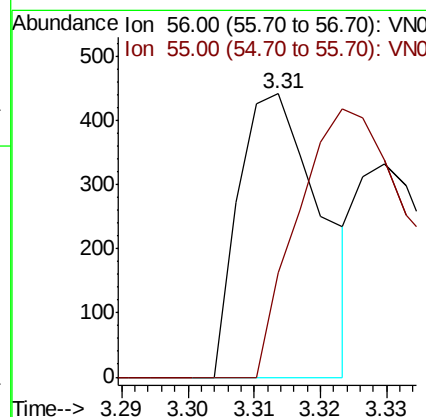
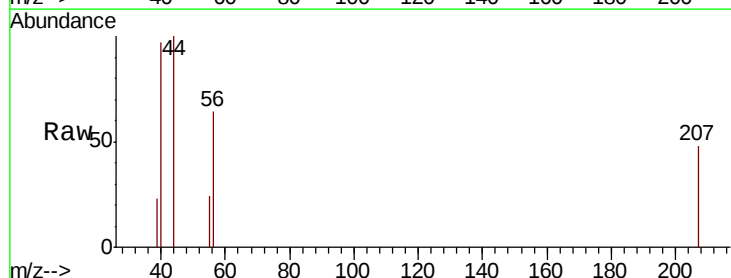
Tgt Ion: 59 Resp: 10063
 Ion Ratio Lower Upper
 59 100
 57 0.6 7.9 11.9#

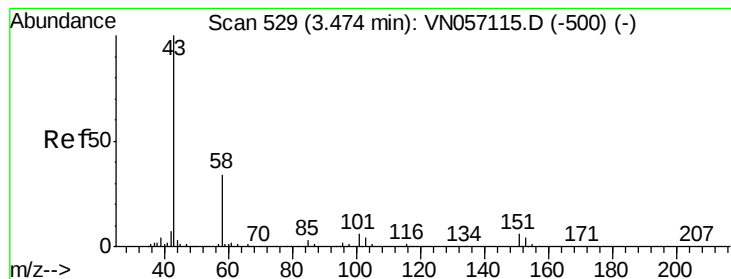


#13

Acrolein
 Concen: 0.290 ug/l
 RT: 3.31 min Scan# 479
 Delta R.T. 0.01 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Tgt Ion: 56 Resp: 380
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.7 86.5#





#16

Acetone

Concen: 23.653 ug/l

RT: 3.48 min Scan# 530

Delta R.T. 0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

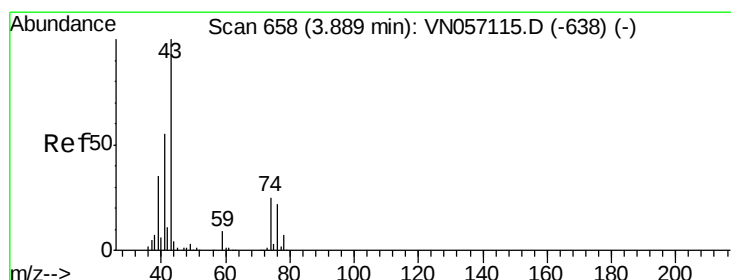
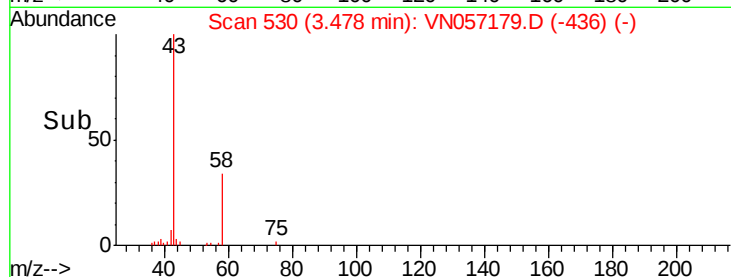
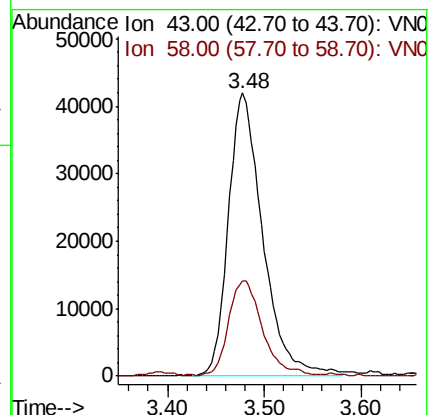
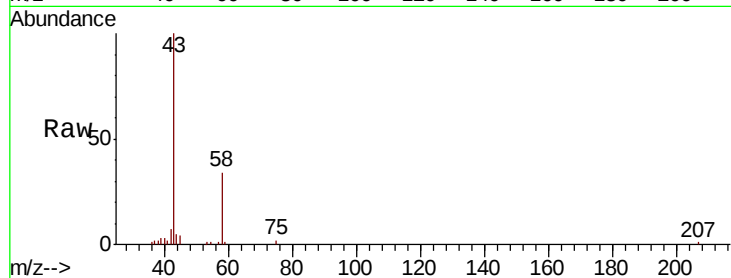
PB122100TB

Tgt Ion: 43 Resp: 103820

Ion Ratio Lower Upper

43 100

58 33.1 27.4 41.2



#18

Methyl Acetate

Concen: 0.515 ug/l

RT: 3.90 min Scan# 662

Delta R.T. 0.01 min

Lab File: VN057179.D

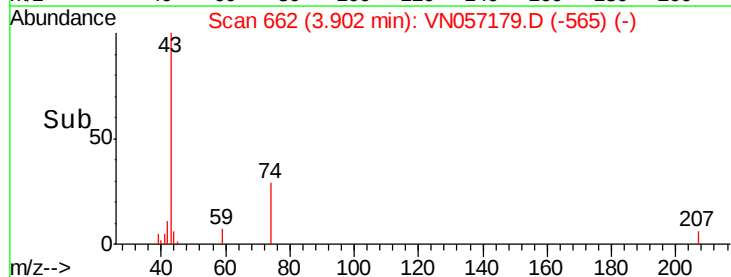
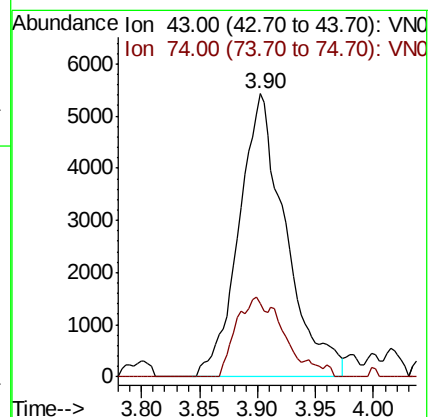
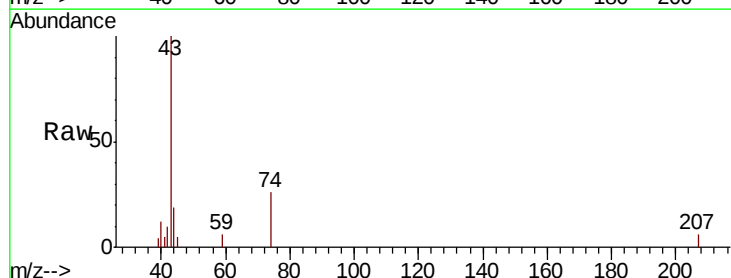
Acq: 11 Aug 2019 11:49

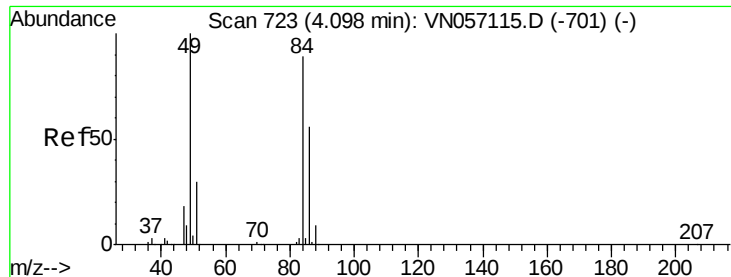
Tgt Ion: 43 Resp: 15242

Ion Ratio Lower Upper

43 100

74 17.7 20.2 30.4#

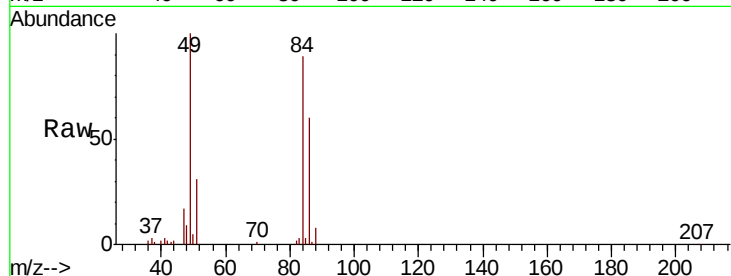




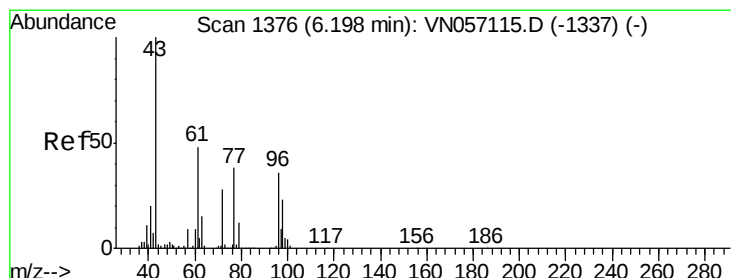
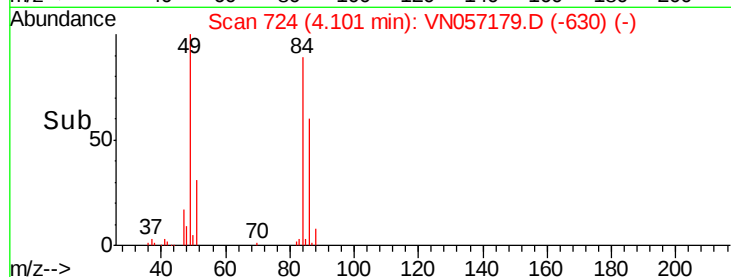
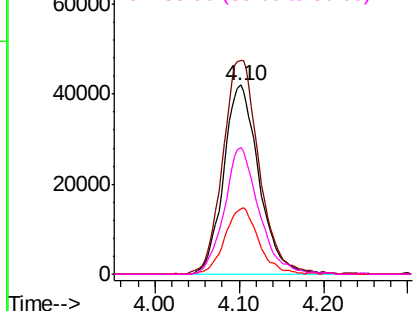
#20
Methylene Chloride
Concen: 8.450 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057179.D
Acq: 11 Aug 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
PB122100TB

Tgt Ion:	84	Resp:	122413
Ion	Ratio	Lower	Upper
84	100		
49	112.7	89.5	134.3
51	34.4	27.2	40.8
86	67.3	50.6	75.8

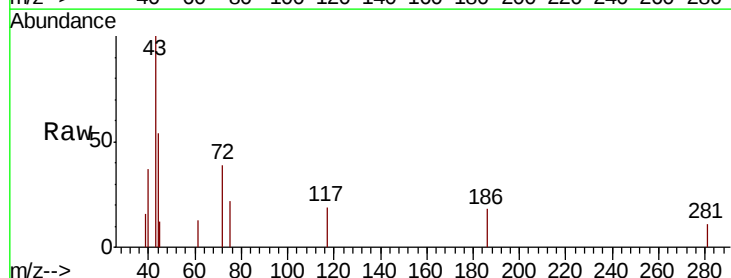


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

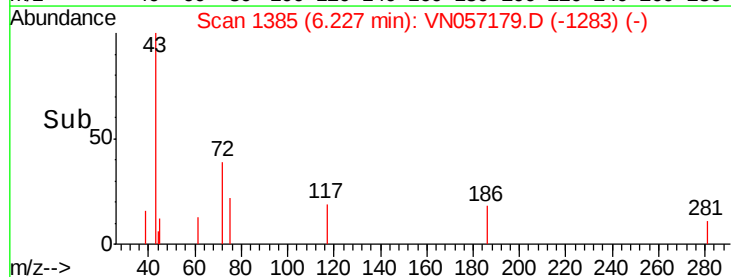
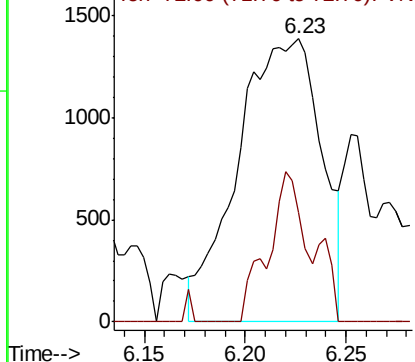


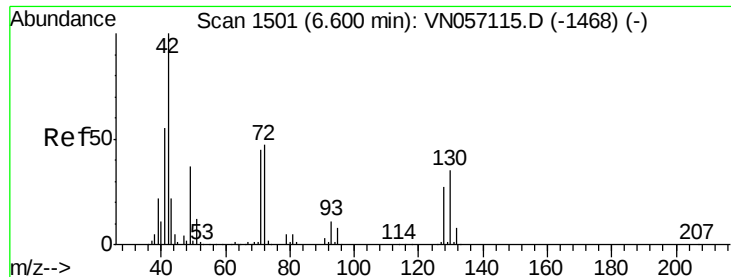
#25
2-Butanone
Concen: 0.594 ug/l
RT: 6.23 min Scan# 1385
Delta R.T. 0.03 min
Lab File: VN057179.D
Acq: 11 Aug 2019 11:49

Tgt Ion:	43	Resp:	3983
Ion	Ratio	Lower	Upper
43	100		
72	45.8	22.2	33.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.250 ug/l

RT: 6.60 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

PB122100TB

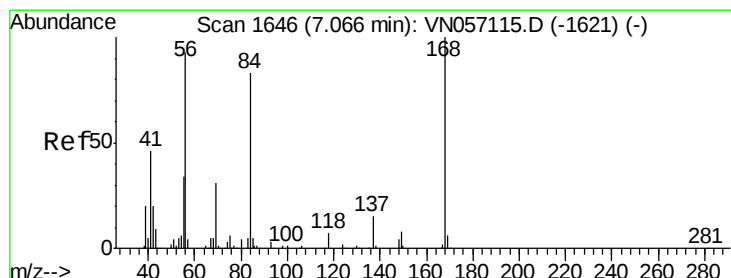
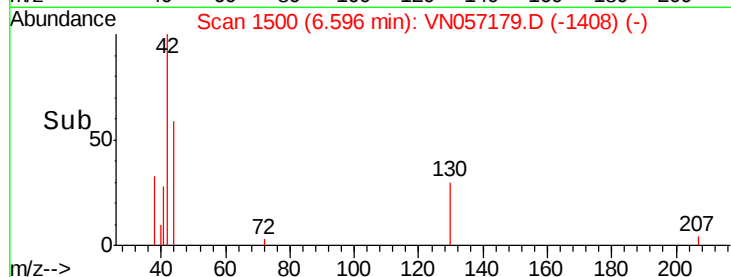
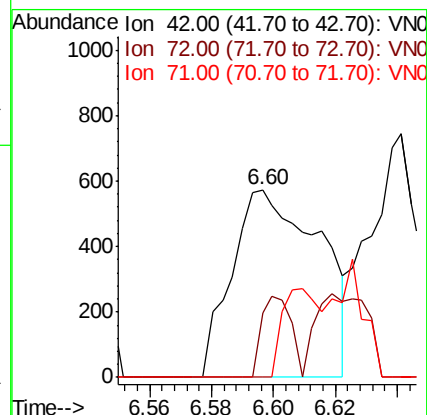
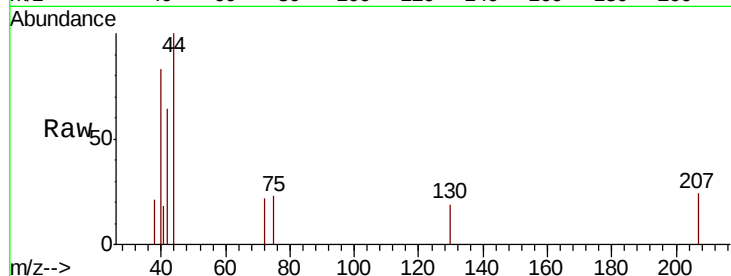
Tgt Ion: 42 Resp: 1128

Ion Ratio Lower Upper

42 100

72 14.5 37.1 55.7#

71 20.2 34.8 52.2#



#31

Cyclohexane

Concen: 0.989 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.02 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

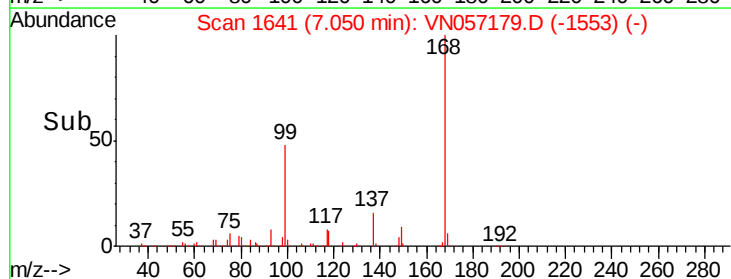
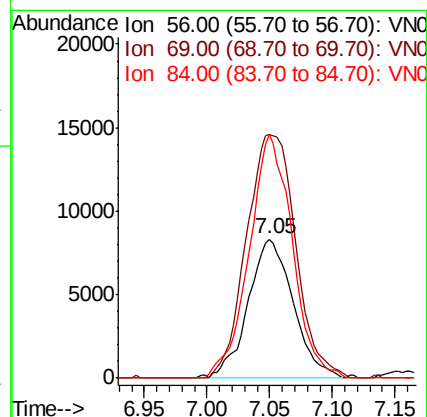
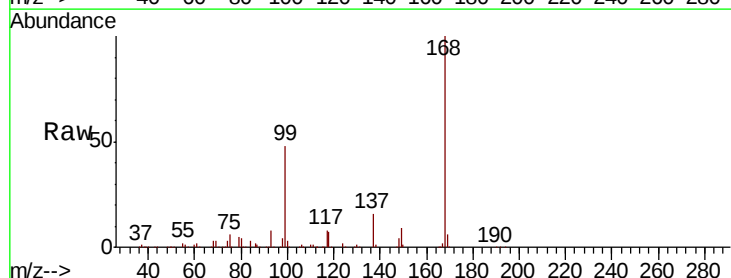
Tgt Ion: 56 Resp: 20843

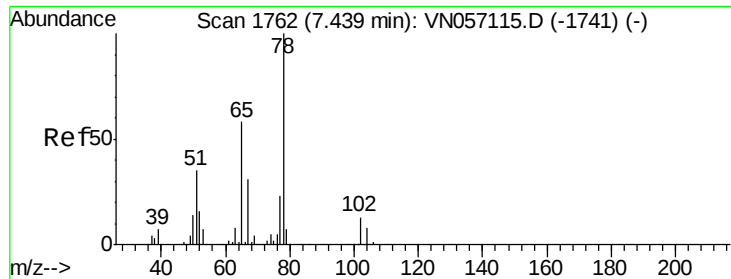
Ion Ratio Lower Upper

56 100

69 174.8 26.9 40.3#

84 174.7 71.9 107.9#

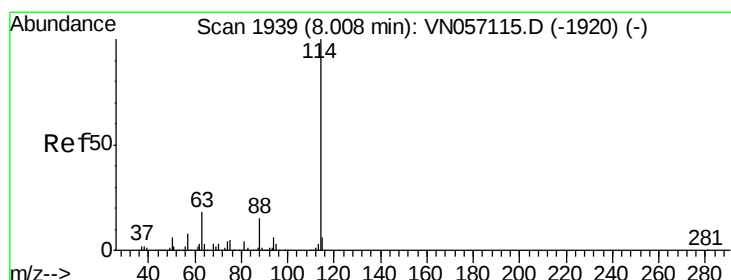
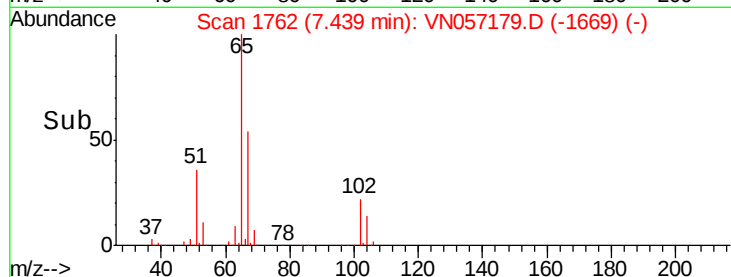
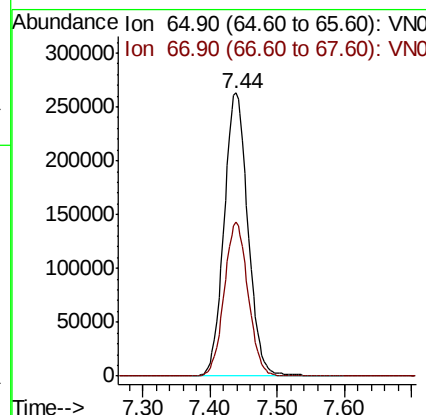
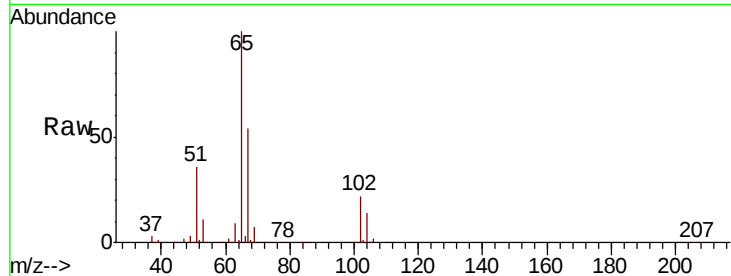




#33
 1,2-Dichloroethane-d4
 Concen: 44.891 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

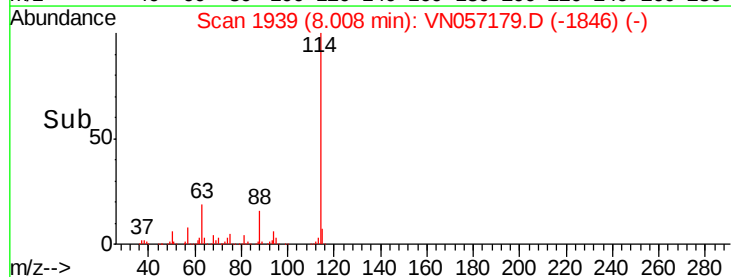
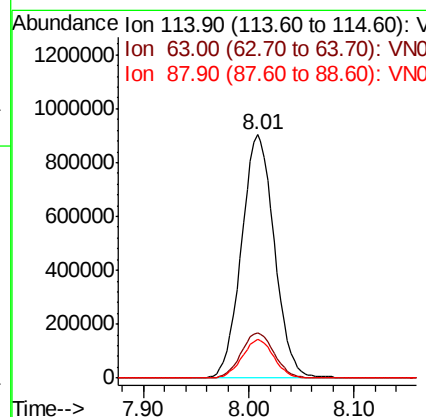
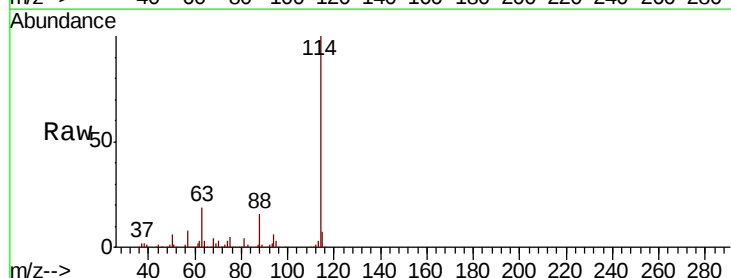
Instrument :
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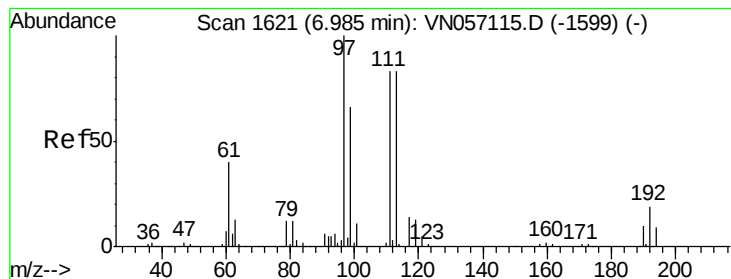
Tgt Ion: 65 Resp: 652458
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Tgt Ion: 114 Resp: 1956939
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.394 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

PB122100TB

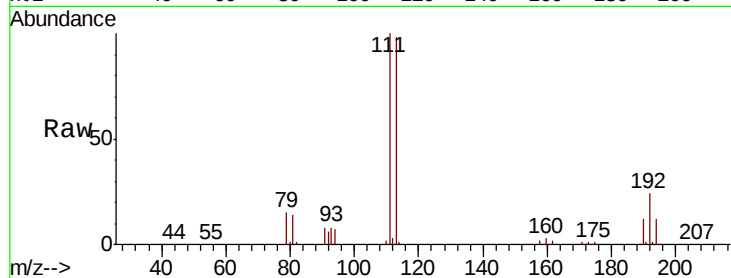
Tgt Ion:113 Resp: 594284

Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

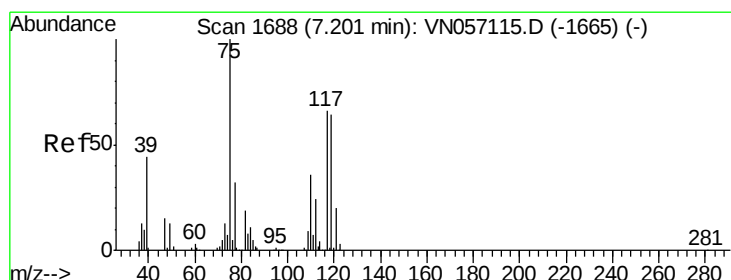
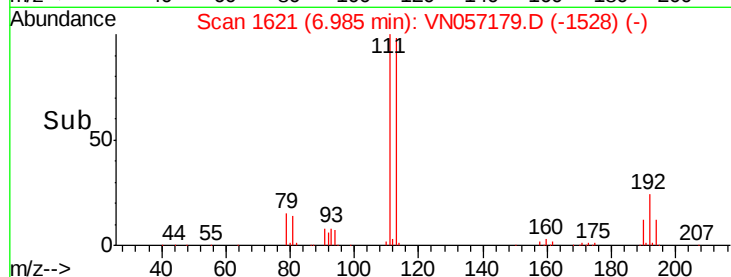
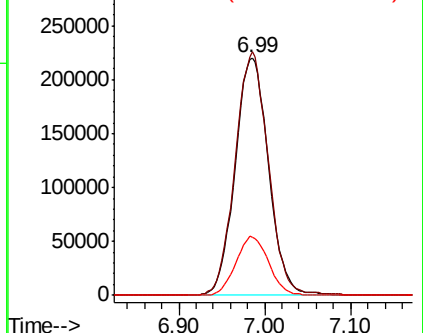
192 24.3 19.0 28.4



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: 5.206 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.15 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

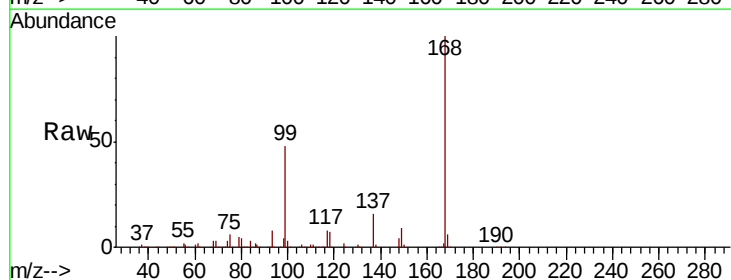
Tgt Ion: 75 Resp: 83883

Ion Ratio Lower Upper

75 100

110 9.9 18.7 56.1#

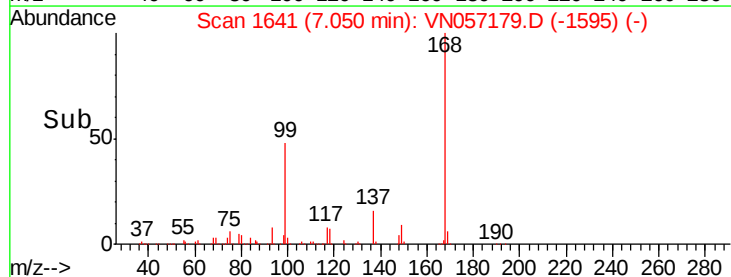
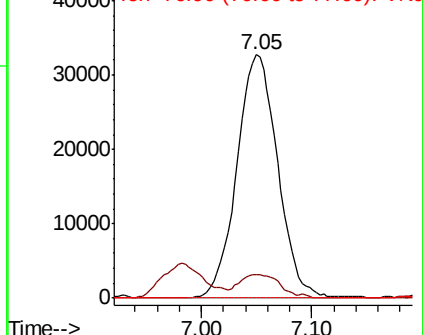
77 0.0 25.0 37.4#

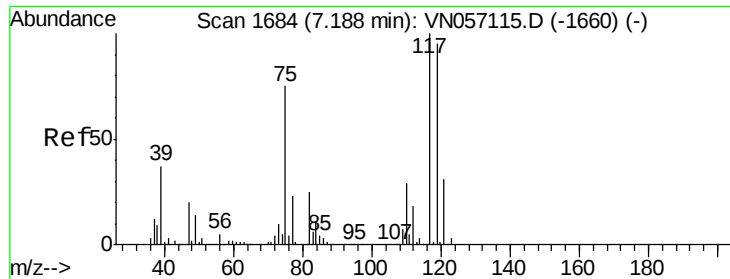


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 7.140 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. -0.14 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

PB122100TB

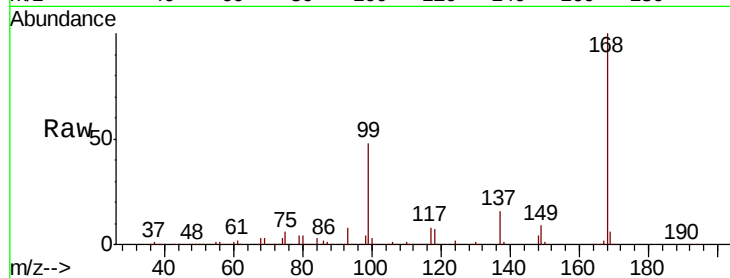
Tgt Ion:117 Resp: 119890

Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

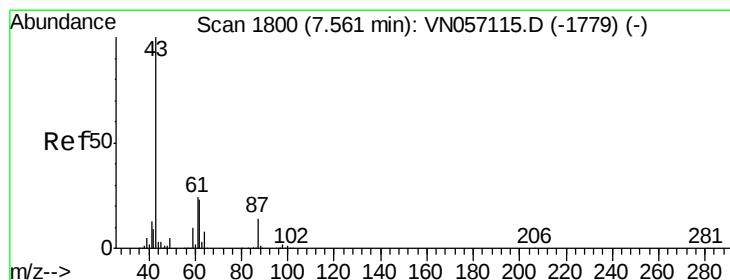
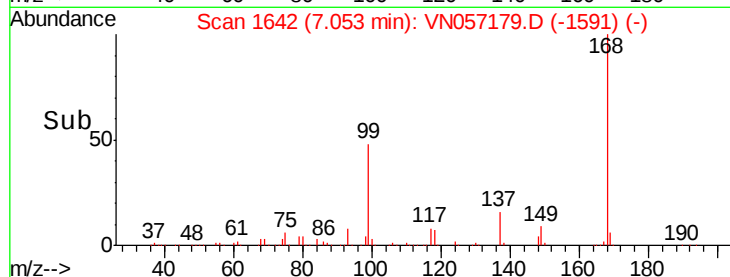
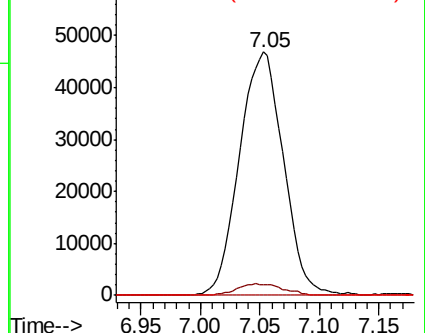
121 0.0 24.4 36.6#



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



#43

Isopropyl Acetate

Concen: 1.440 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

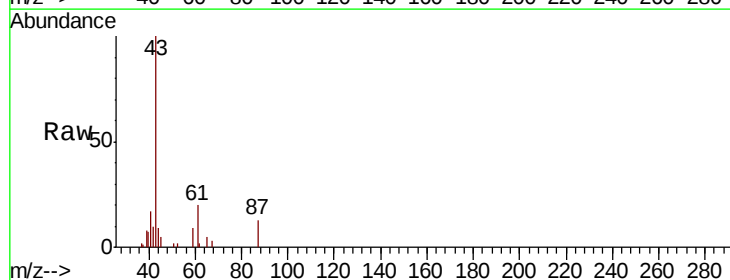
Tgt Ion: 43 Resp: 32648

Ion Ratio Lower Upper

43 100

61 19.8 24.2 36.2#

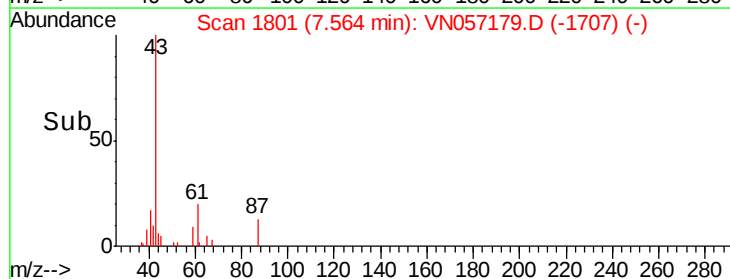
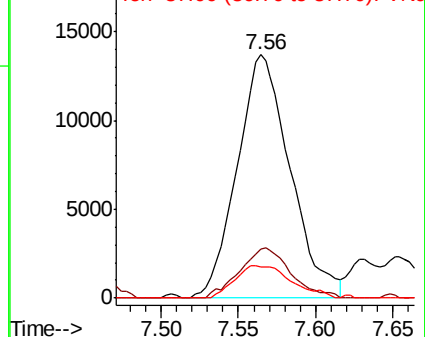
87 14.2 11.8 17.8

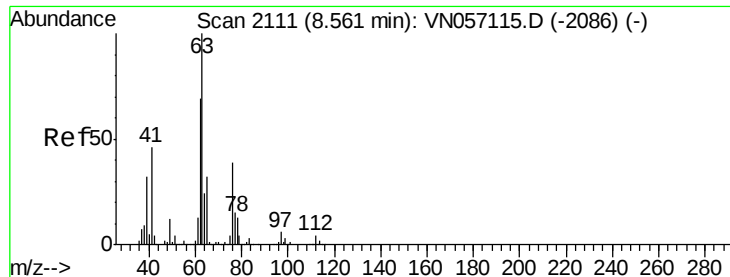


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

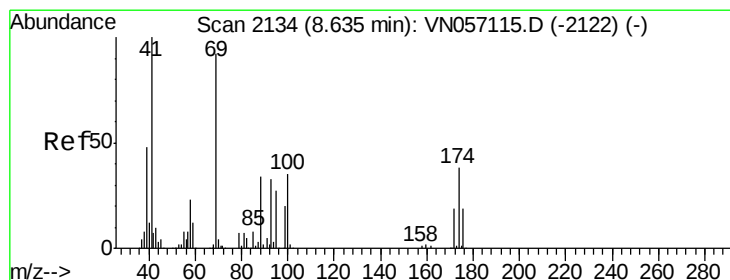
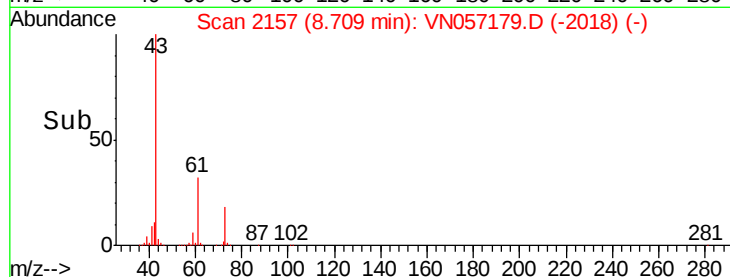
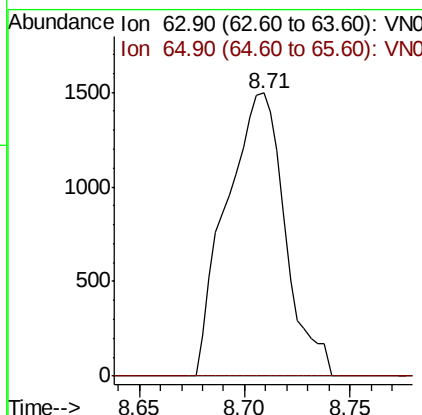
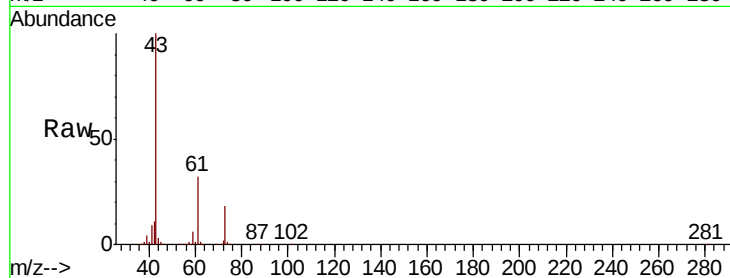




#45
 1,2-Dichloropropane
 Concen: 0.219 ug/l
 RT: 8.71 min Scan# 2157
 Delta R.T. 0.15 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

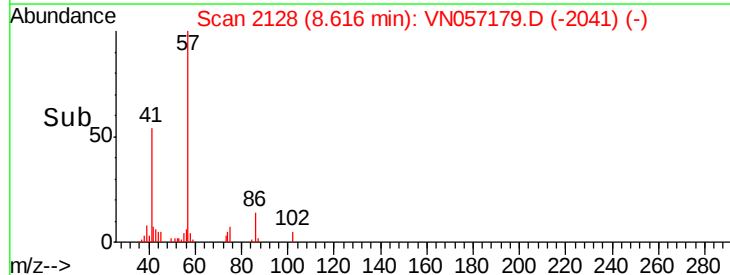
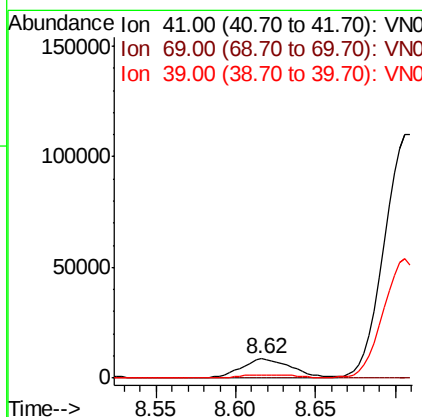
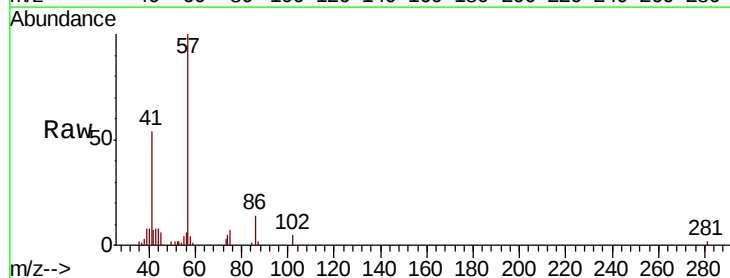
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122100TB

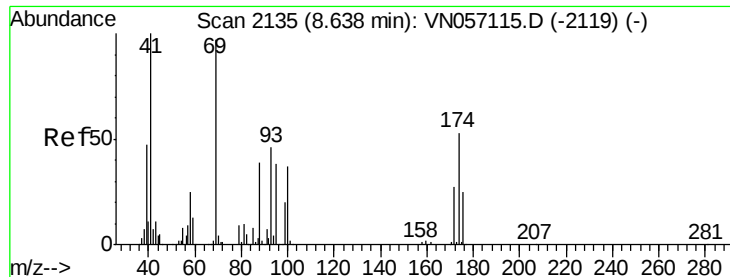
Tgt Ion: 63 Resp: 2892
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.2 37.8#



#48
 Methyl methacrylate
 Concen: 1.810 ug/l
 RT: 8.62 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Tgt Ion: 41 Resp: 19341
 Ion Ratio Lower Upper
 41 100
 69 0.0 77.5 116.3#
 39 0.0 39.8 59.6#

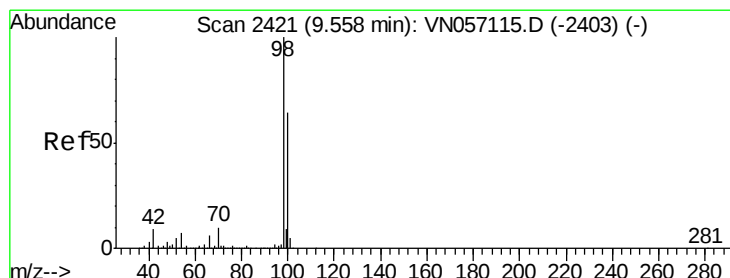
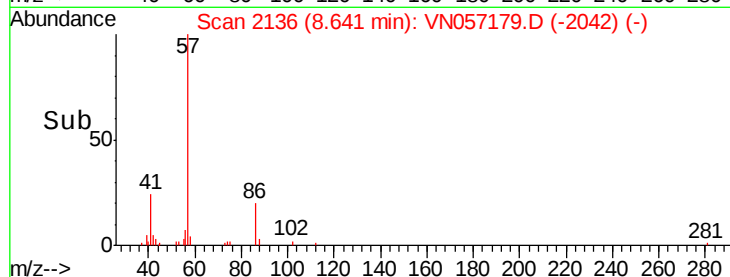
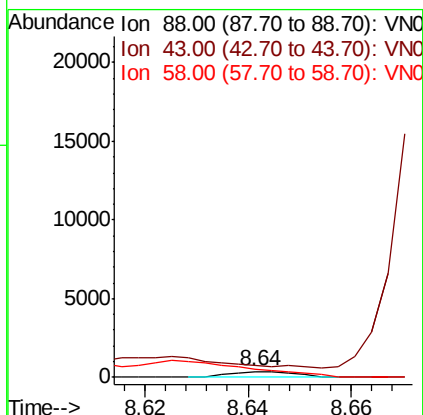
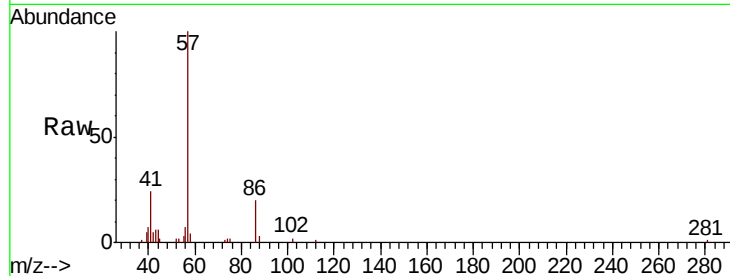




#49
 1,4-Dioxane
 Concen: 1.447 ug/l
 RT: 8.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

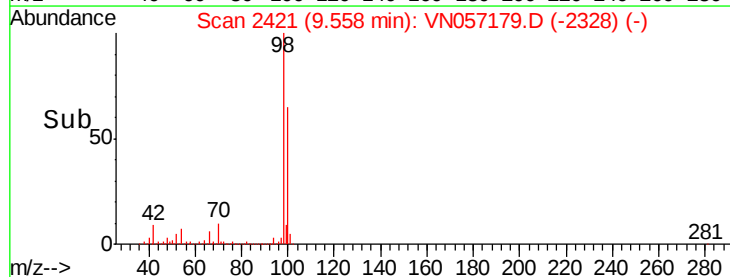
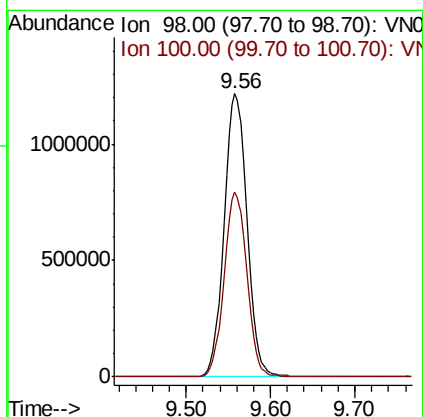
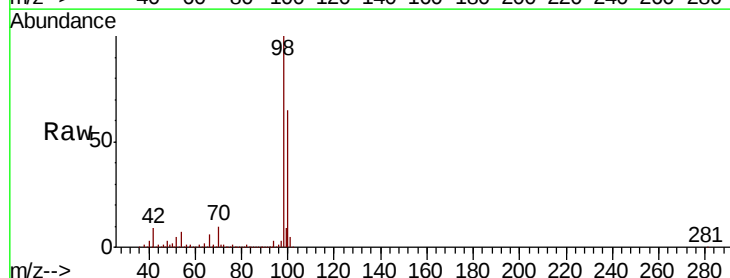
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122100TB

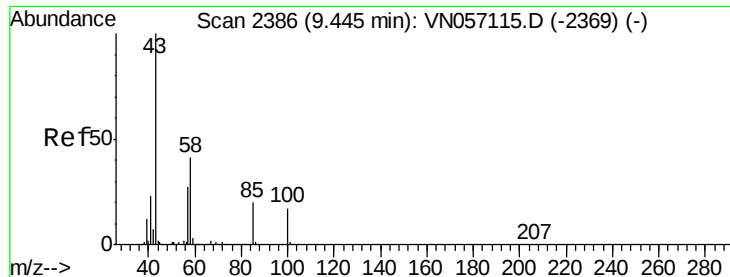
Tgt Ion: 88 Resp: 315
 Ion Ratio Lower Upper
 88 100
 43 0.0 21.7 32.5#
 58 683.2 51.1 76.7#



#50
 Toluene-d8
 Concen: 48.759 ug/l
 RT: 9.56 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Tgt Ion: 98 Resp: 2290765
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 0.590 ug/l

RT: 9.44 min Scan# 2385

Delta R.T. -0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

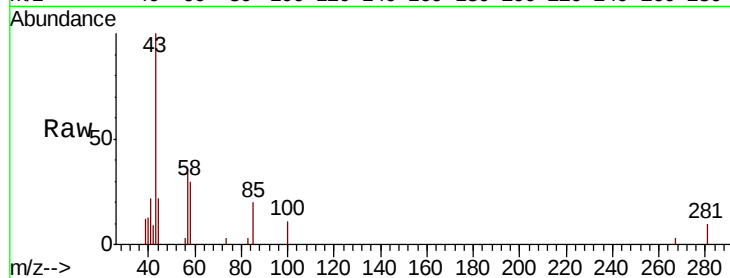
PB122100TB

Tgt Ion: 43 Resp: 7778

Ion Ratio Lower Upper

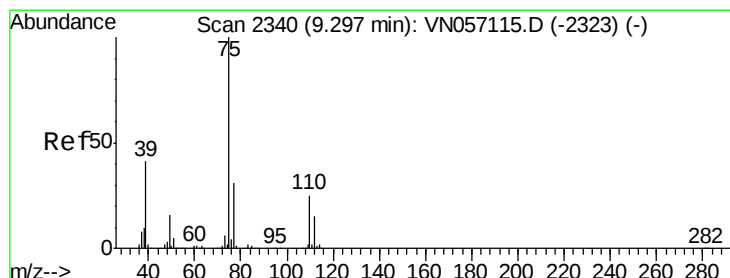
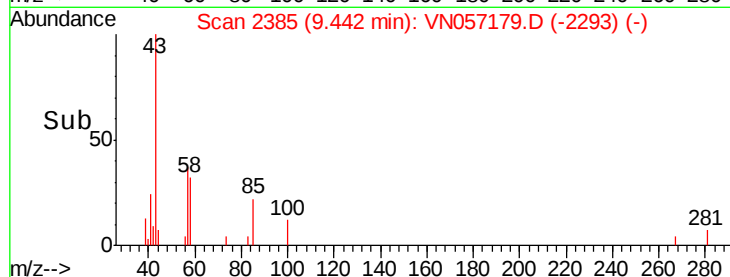
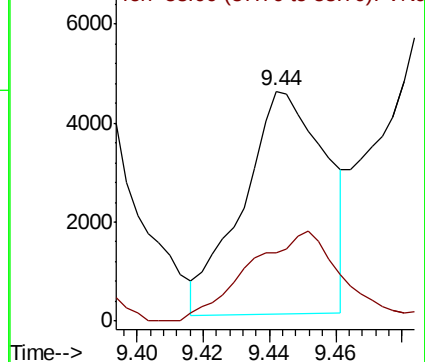
43 100

58 46.6 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.037 ug/l

RT: 9.36 min Scan# 2360

Delta R.T. 0.06 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

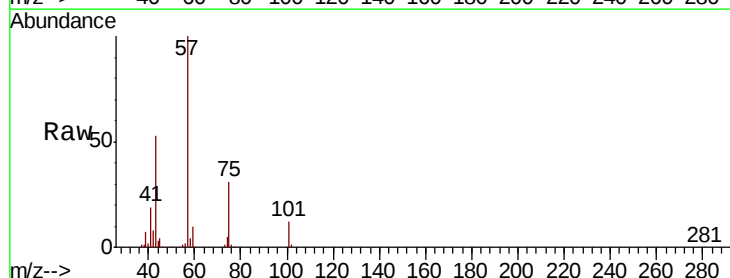
Tgt Ion: 75 Resp: 79286

Ion Ratio Lower Upper

75 100

77 0.6 25.1 37.7#

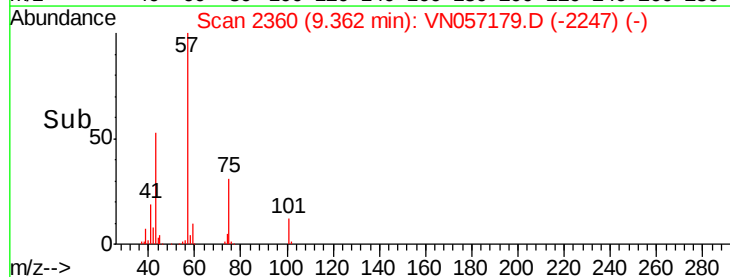
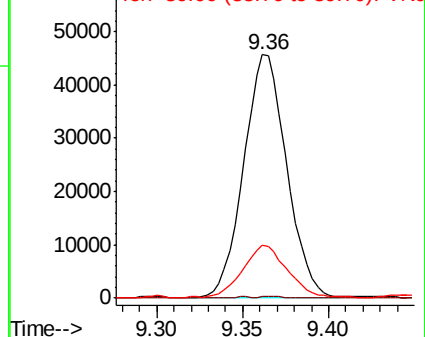
39 21.0 32.5 48.7#

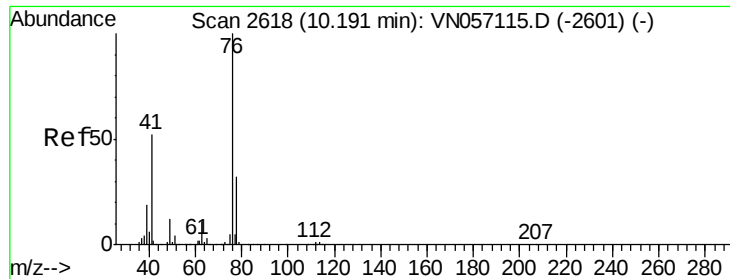


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

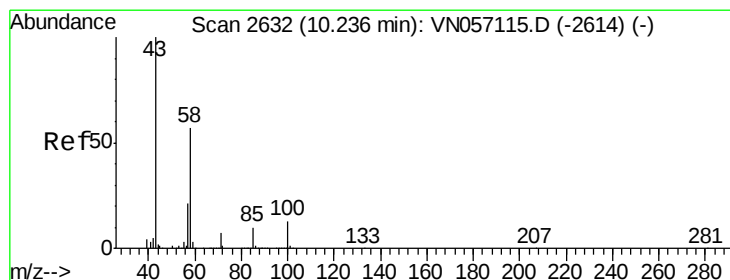
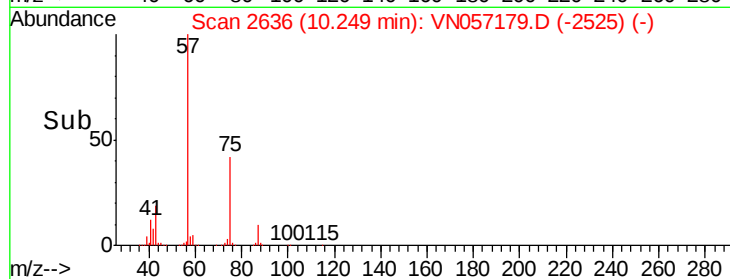
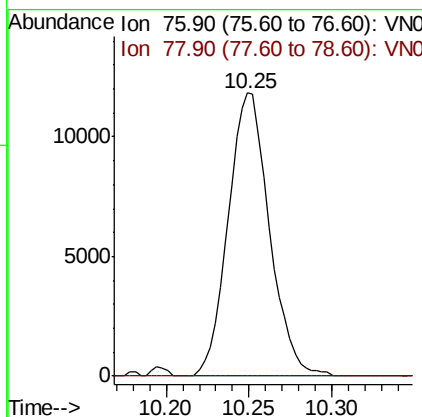
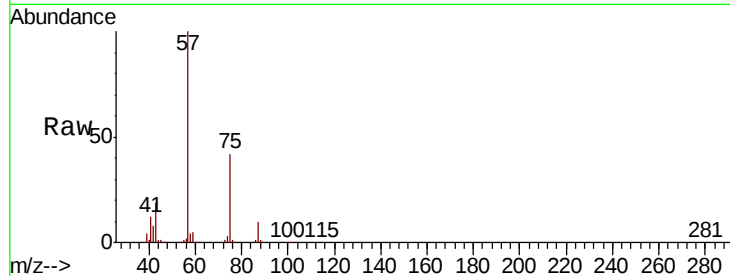




#57
 1,3-Dichloropropane
 Concen: 0.995 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.06 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

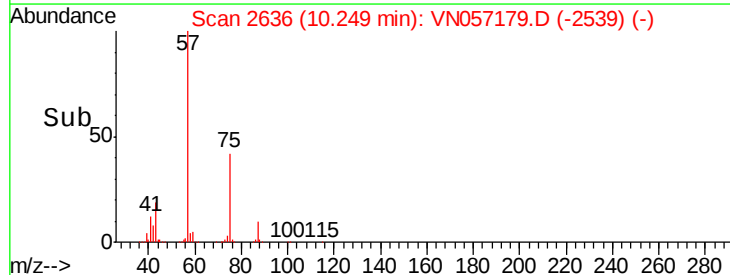
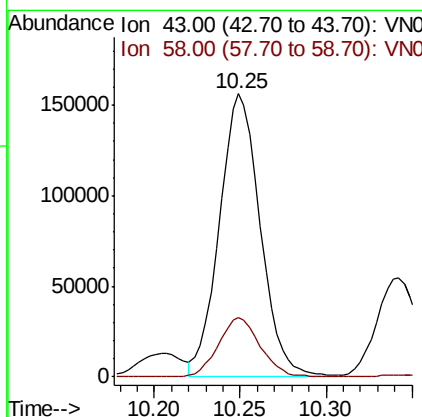
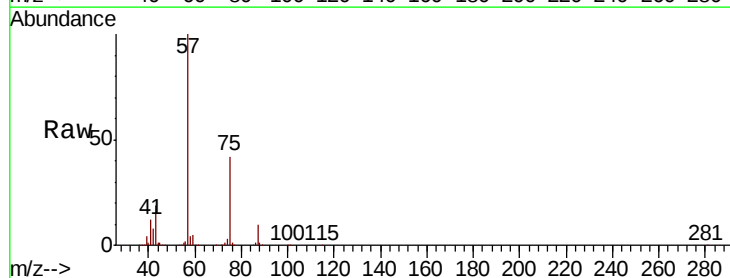
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122100TB

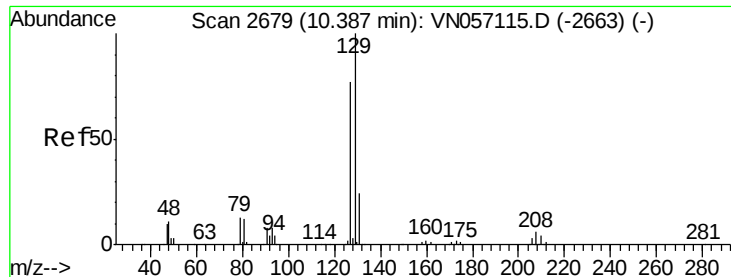
Tgt Ion: 76 Resp: 20421
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#59
 2-Hexanone
 Concen: 28.972 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.01 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Tgt Ion: 43 Resp: 258663
 Ion Ratio Lower Upper
 43 100
 58 21.5 29.2 87.6#





#60

Dibromochloromethane

Concen: 0.327 ug/l

RT: 10.12 min Scan# 2595

Delta R.T. -0.27 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

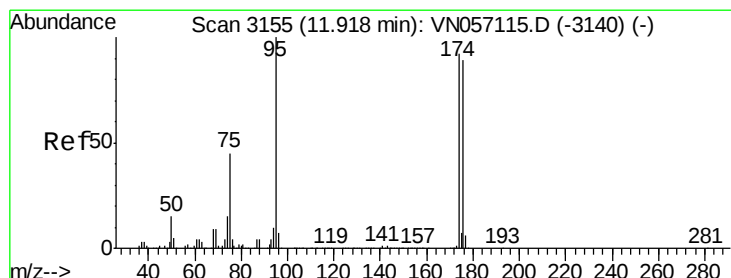
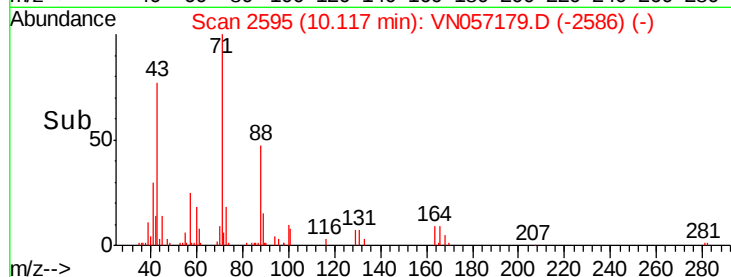
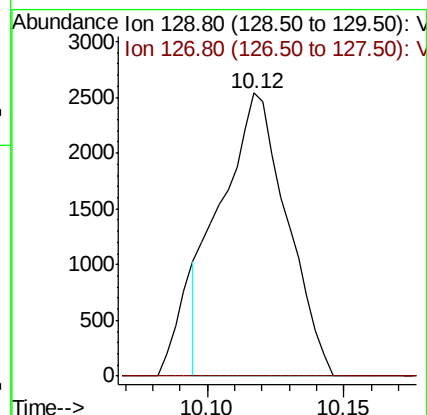
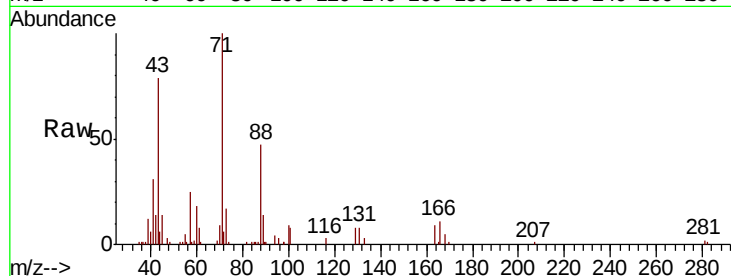
PB122100TB

Tgt Ion: 129 Resp: 4277

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#



#62

4-Bromofluorobenzene

Concen: 40.234 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. 0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

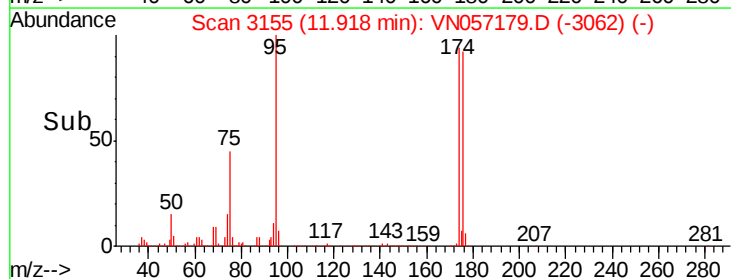
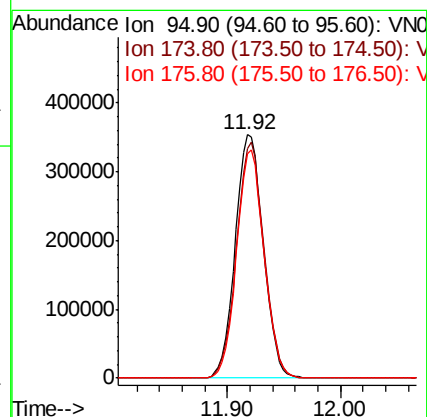
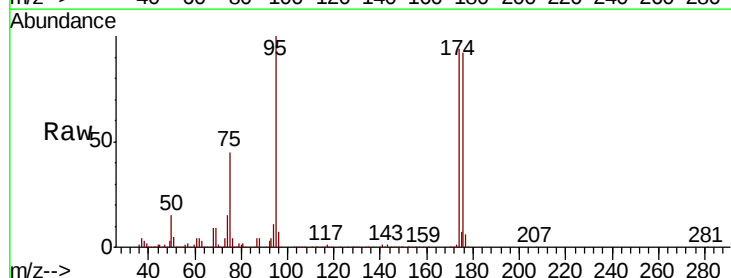
Tgt Ion: 95 Resp: 609054

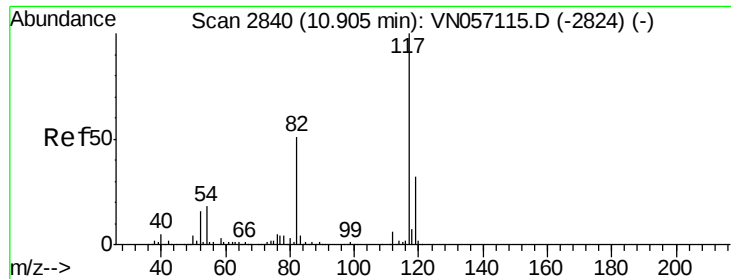
Ion Ratio Lower Upper

95 100

174 95.3 0.0 185.0

176 91.8 0.0 181.2

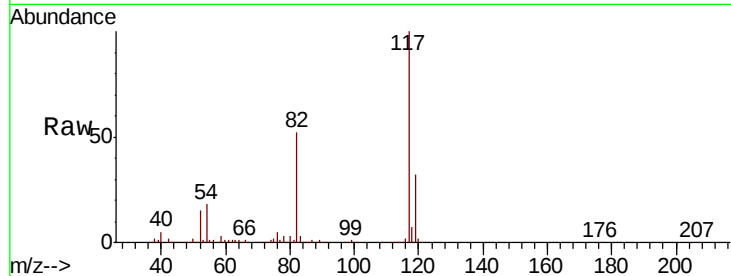




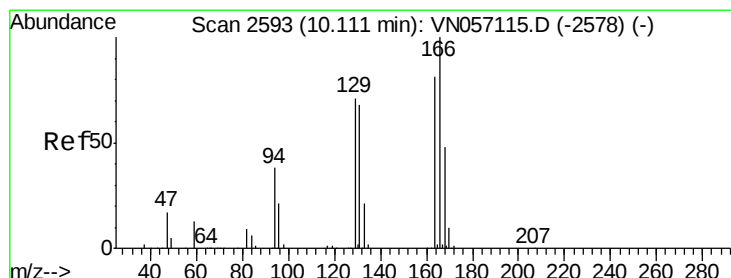
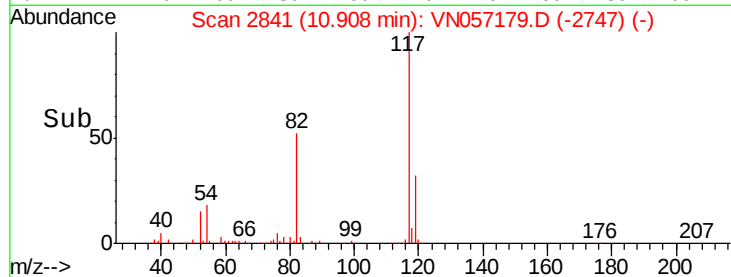
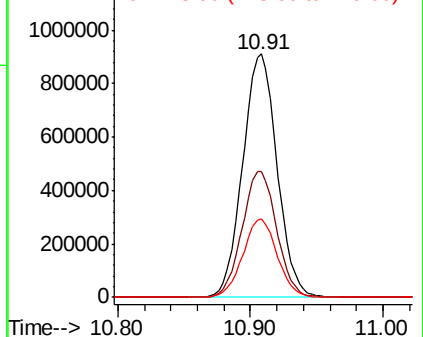
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057179.D
Acq: 11 Aug 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
PB122100TB

Tgt Ion:117 Resp: 1637679
Ion Ratio Lower Upper
117 100
82 51.5 40.8 61.2
119 32.1 25.7 38.5

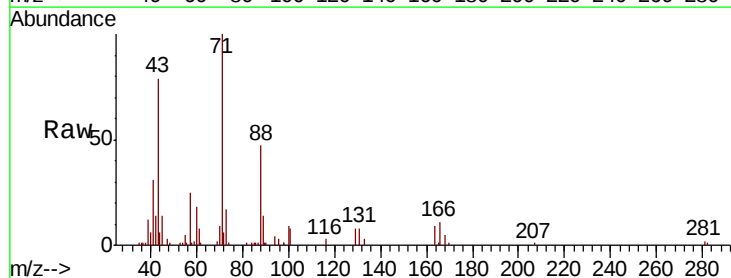


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

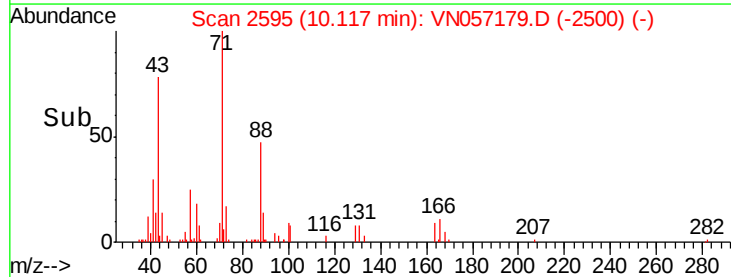
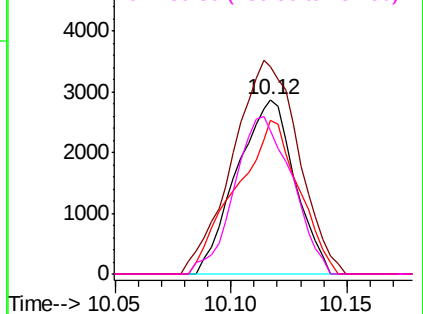


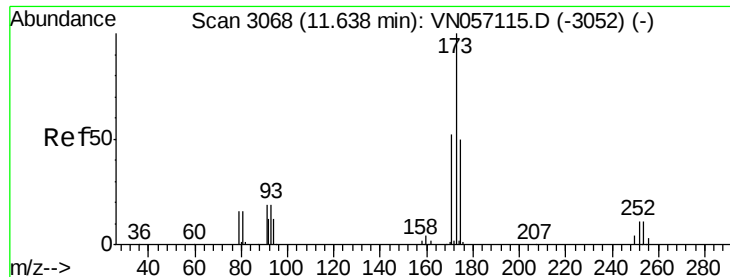
#64
Tetrachloroethene
Concen: 0.365 ug/l
RT: 10.12 min Scan# 2595
Delta R.T. 0.01 min
Lab File: VN057179.D
Acq: 11 Aug 2019 11:49

Tgt Ion:164 Resp: 4969
Ion Ratio Lower Upper
164 100
166 113.0 98.3 147.5
129 88.5 69.8 104.6
131 82.2 66.8 100.2



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





#71

Bromoform

Concen: 0.447 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. 0.28 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

PB122100TB

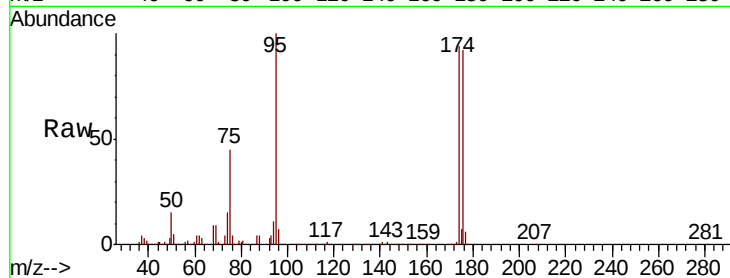
Tgt Ion:173 Resp: 4036

Ion Ratio Lower Upper

173 100

175 735.3 24.6 73.8#

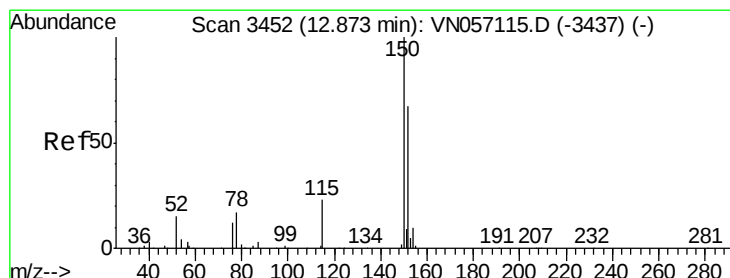
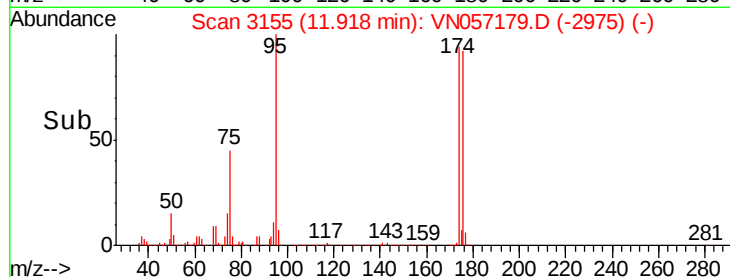
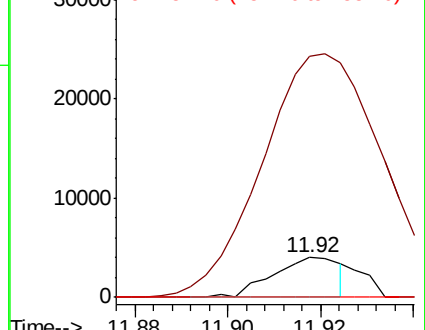
254 0.0 0.1 0.1#



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: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

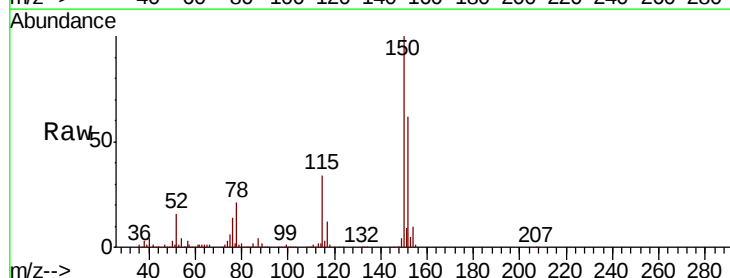
Tgt Ion:152 Resp: 416170

Ion Ratio Lower Upper

152 100

115 54.5 27.5 82.5

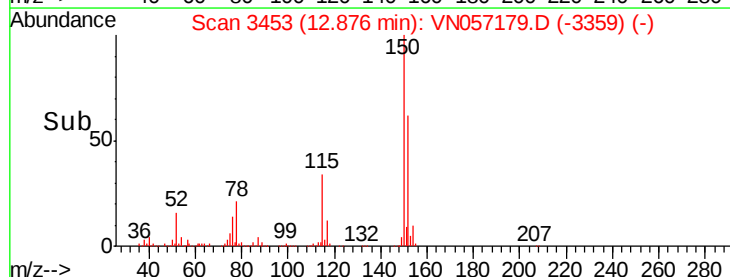
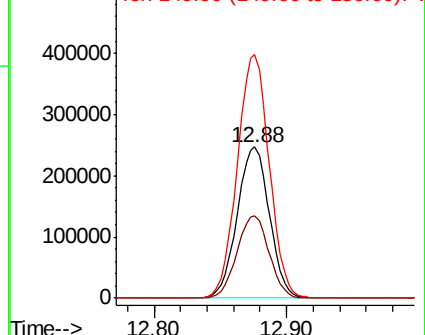
150 159.7 0.0 341.6

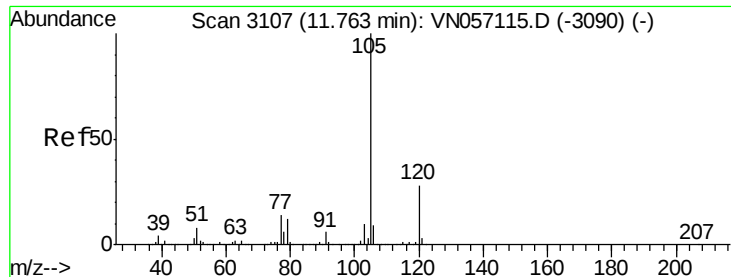


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.77 min Scan# 3109

Delta R.T. 0.01 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

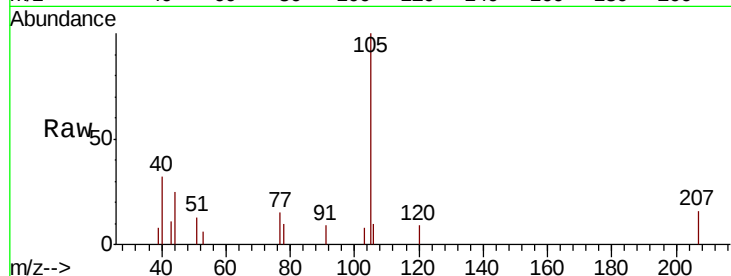
PB122100TB

Tgt Ion: 105 Resp: 4075

Ion Ratio Lower Upper

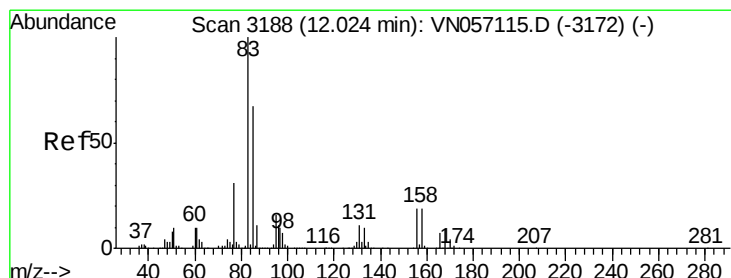
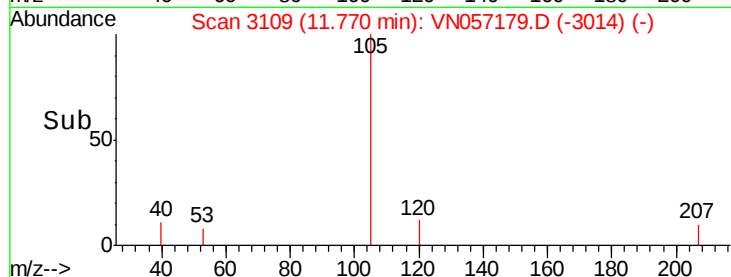
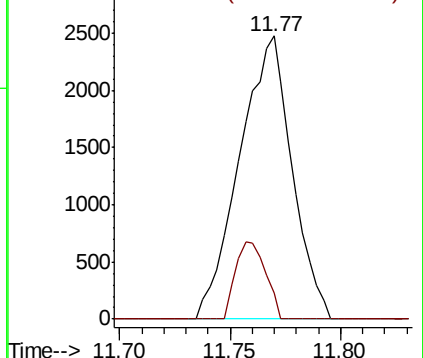
105 100

120 15.8 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.02 min Scan# 3188

Delta R.T. 0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

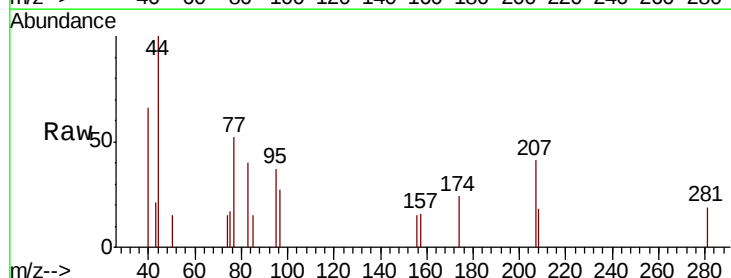
Tgt Ion: 83 Resp: 357

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

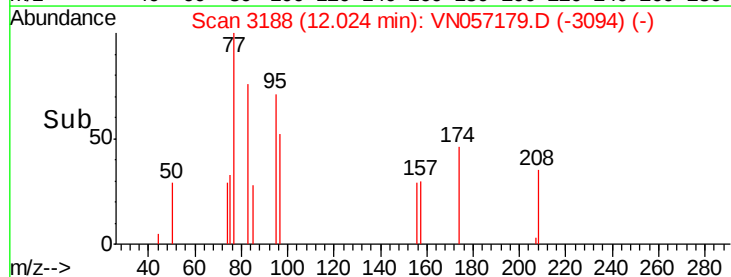
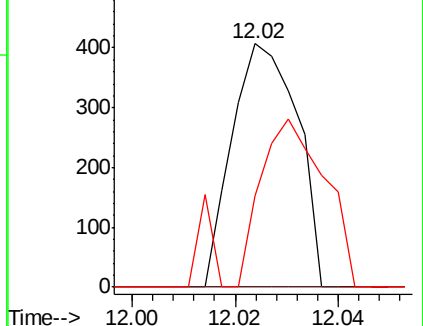
85 67.5 32.4 97.0

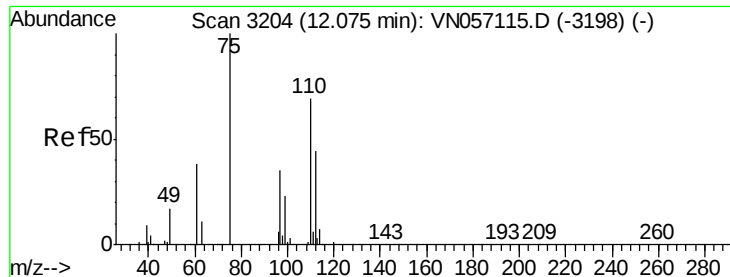


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 33.277 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.16 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

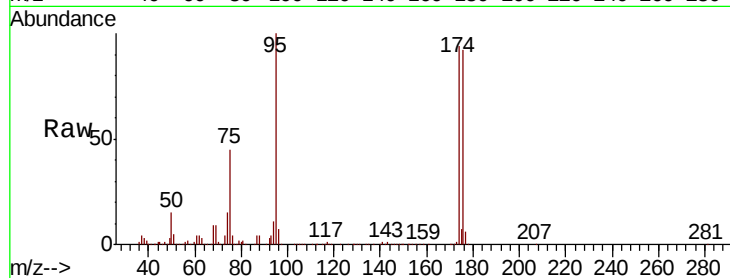
PB122100TB

Tgt Ion: 75 Resp: 278355

Ion Ratio Lower Upper

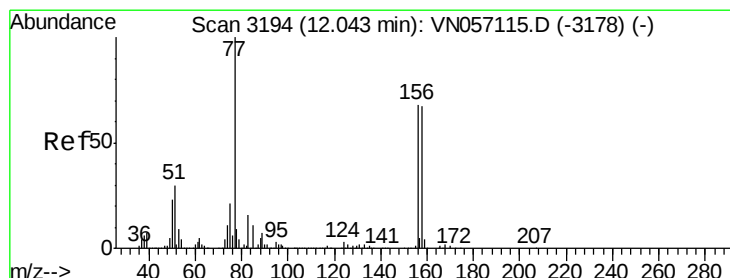
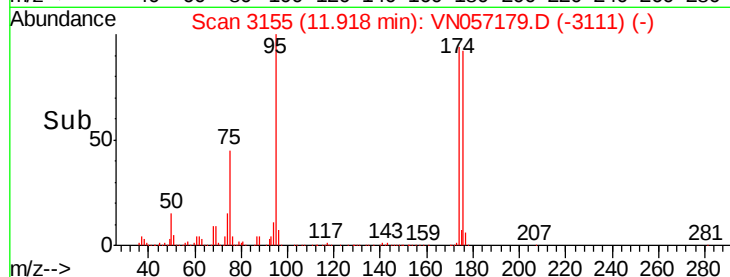
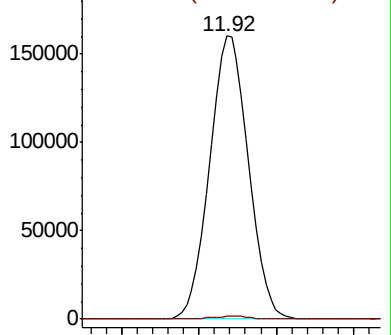
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: 0.207 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

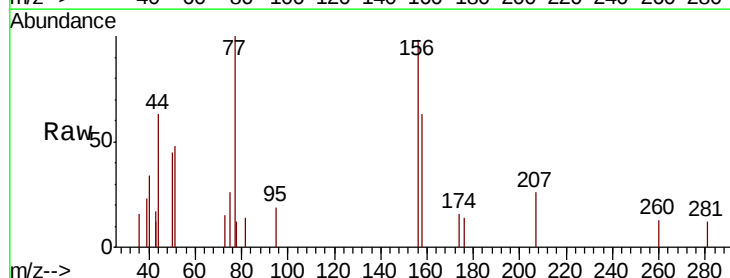
Tgt Ion: 156 Resp: 2068

Ion Ratio Lower Upper

156 100

77 136.4 88.7 266.1

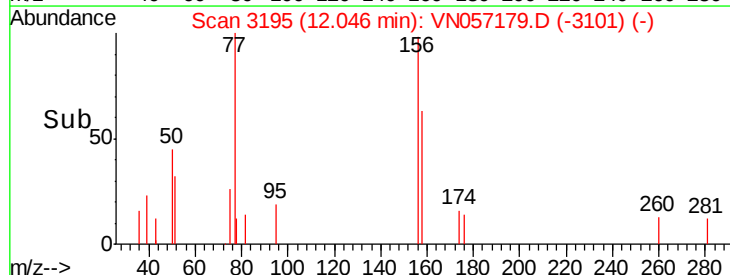
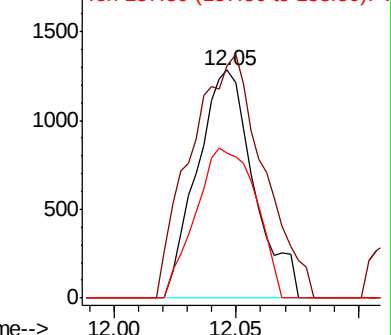
158 70.6 49.3 147.8

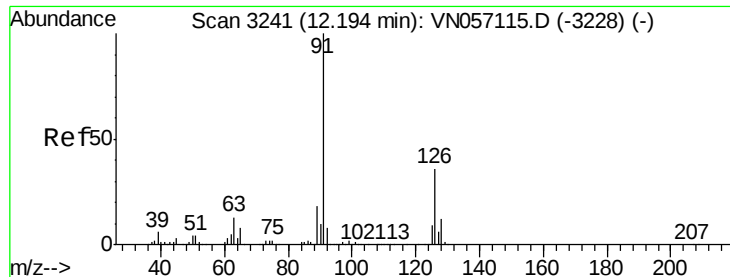


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

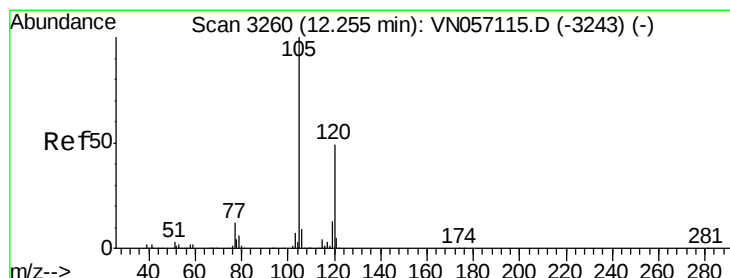
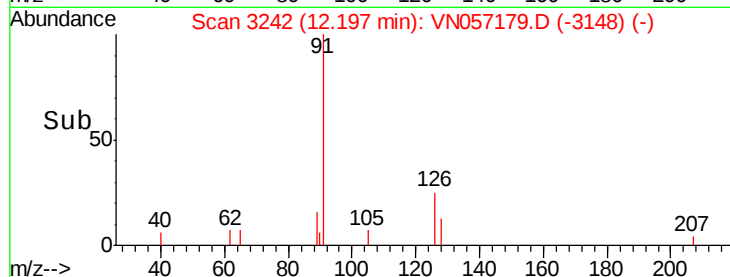
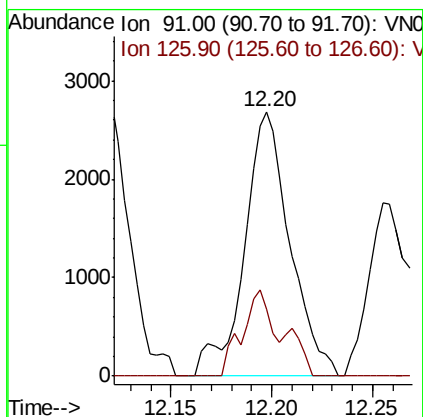
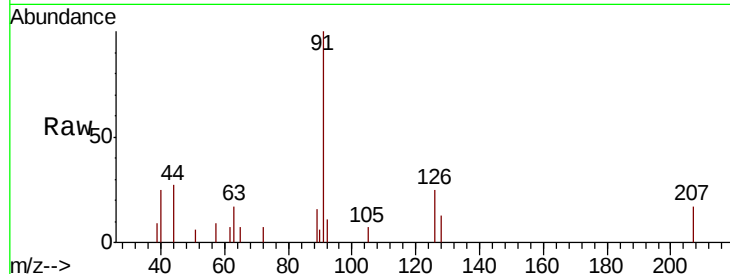




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.20 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

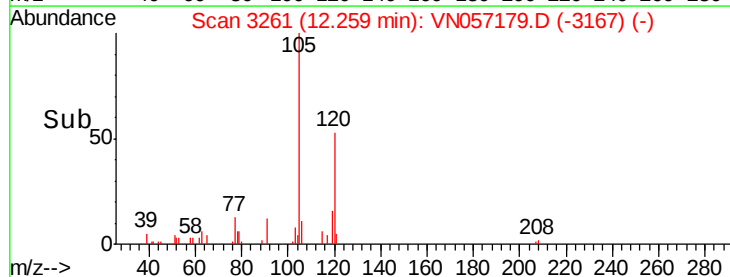
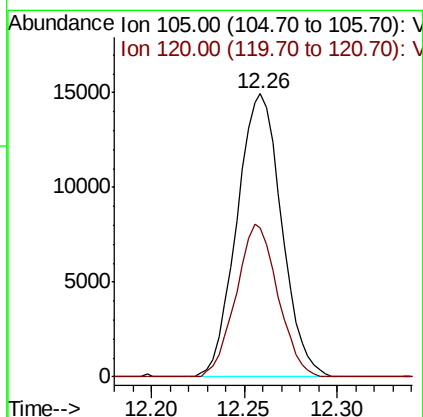
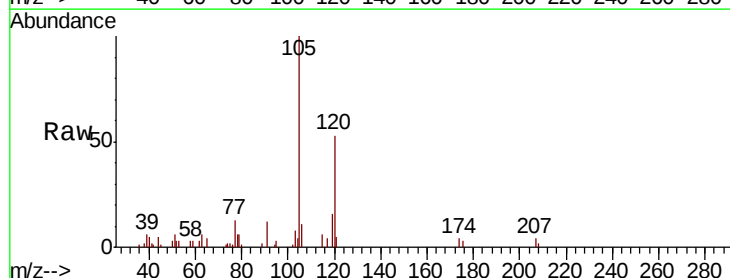
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122100TB

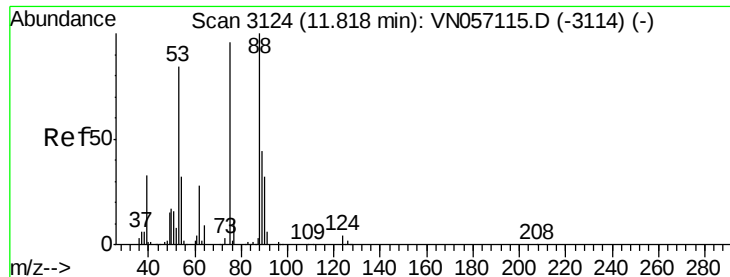
Tgt Ion: 91 Resp: 4234
 Ion Ratio Lower Upper
 91 100
 126 21.4 18.1 54.3



#80
 1,3,5-Trimethylbenzene
 Concen: 0.778 ug/l
 RT: 12.26 min Scan# 3261
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Tgt Ion: 105 Resp: 25010
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 98.344 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. 0.10 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

PB122100TB

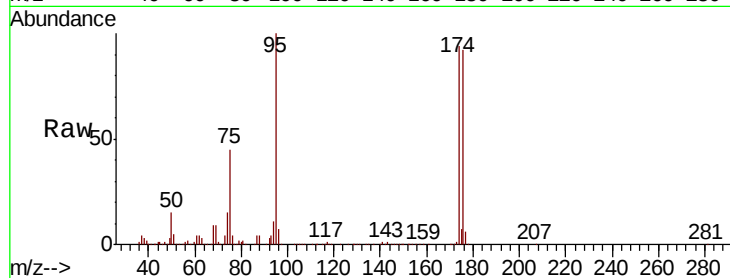
Tgt Ion: 75 Resp: 278355

Ion Ratio Lower Upper

75 100

53 0.1 70.6 106.0#

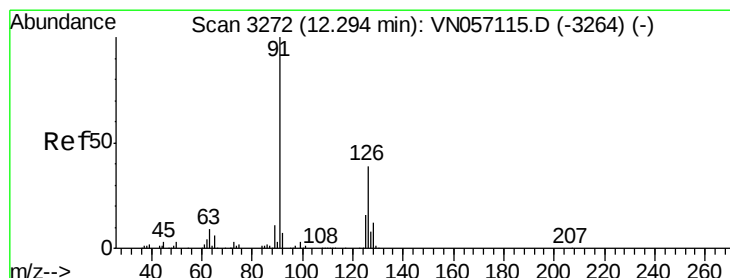
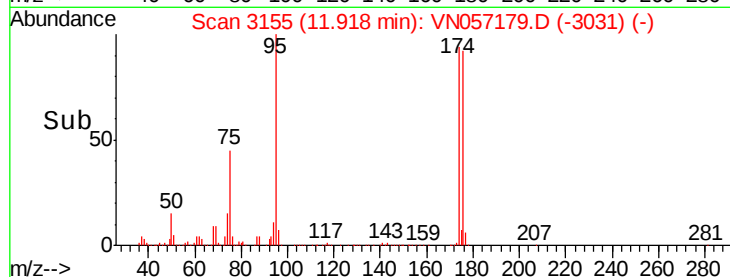
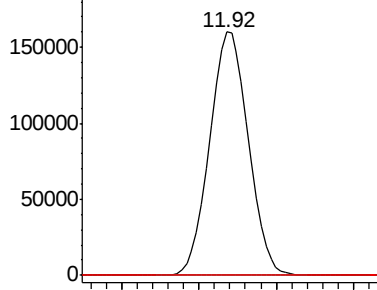
89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.206 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.01 min

Lab File: VN057179.D

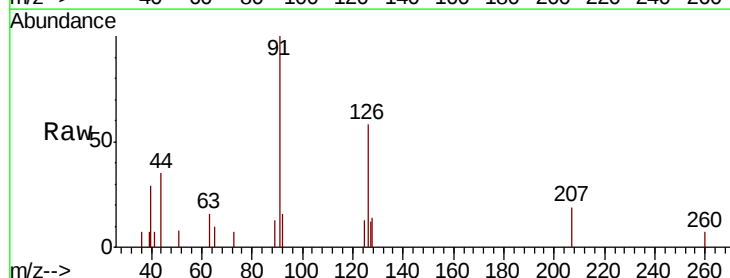
Acq: 11 Aug 2019 11:49

Tgt Ion: 91 Resp: 4755

Ion Ratio Lower Upper

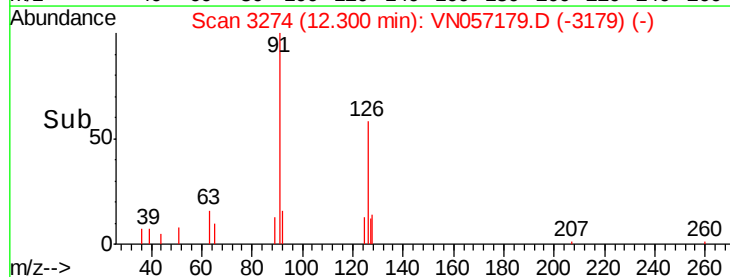
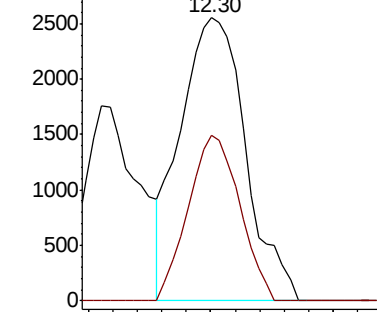
91 100

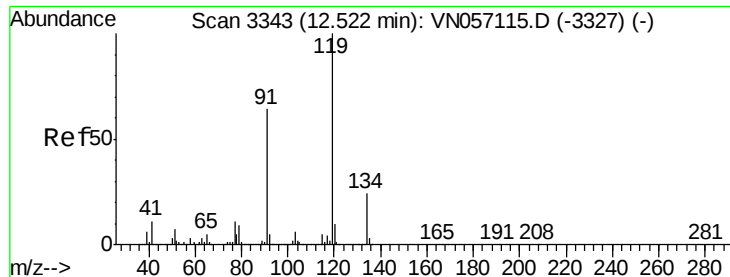
126 46.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

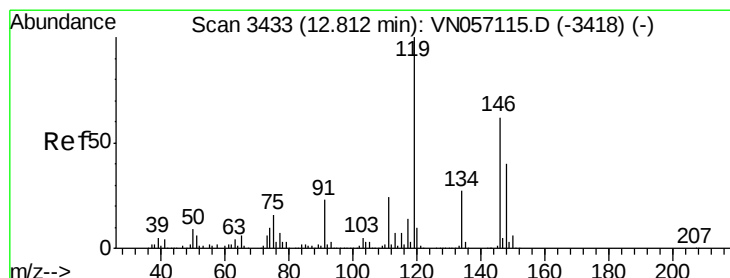
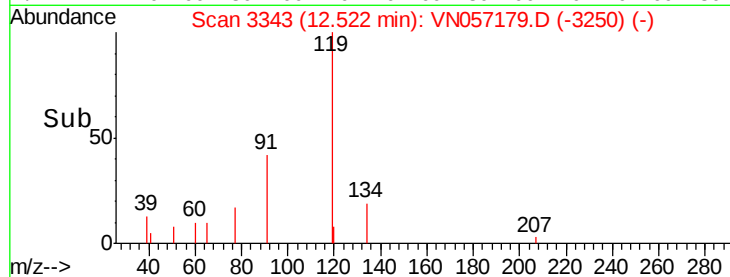
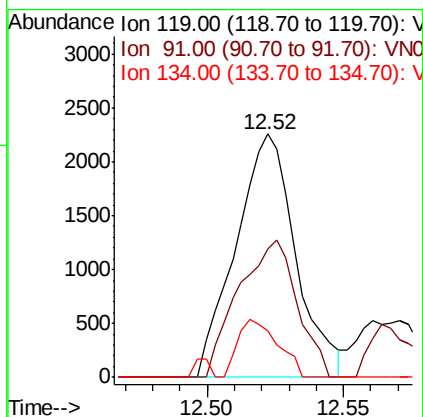
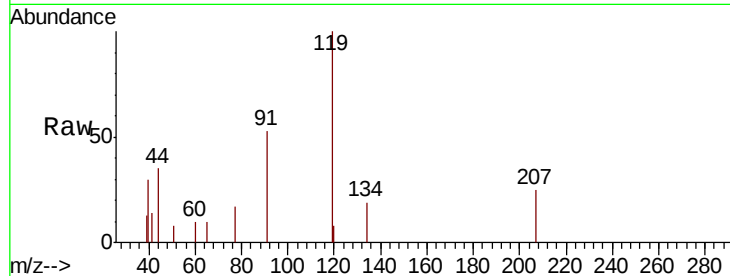




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.52 min Scan# 3343
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

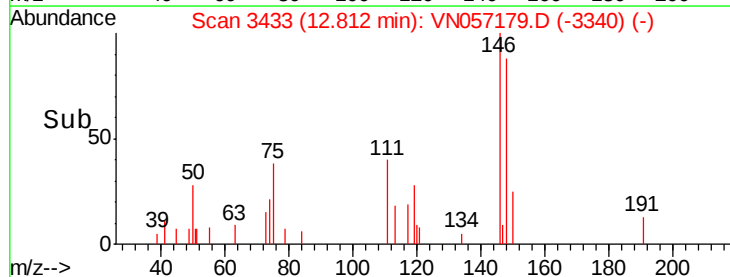
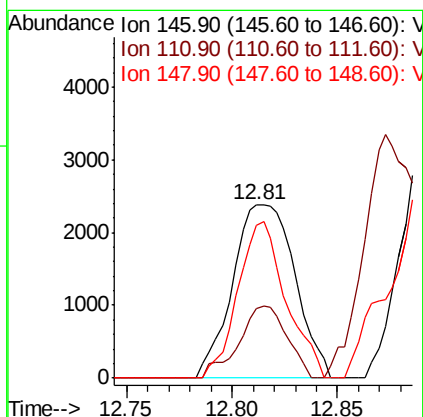
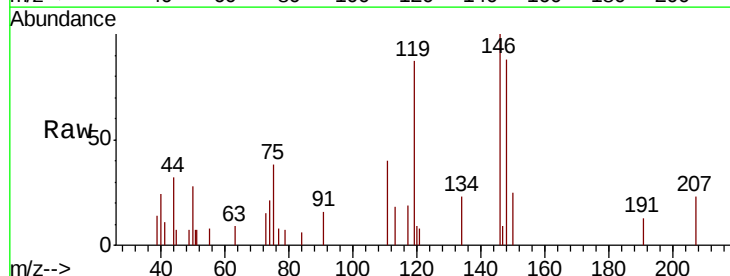
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122100TB

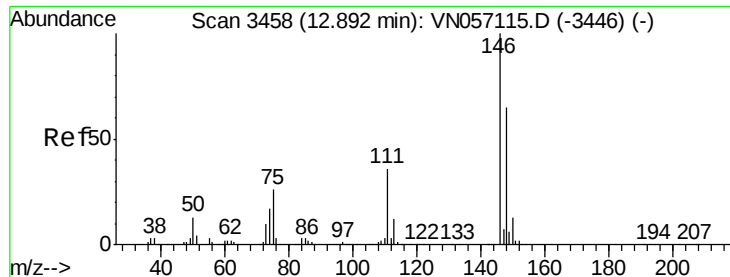
Tgt Ion:119 Resp: 3426
 Ion Ratio Lower Upper
 119 100
 91 55.7 31.4 94.2
 134 16.0 13.2 39.6



#87
 1,3-Dichlorobenzene
 Concen: 0.344 ug/l
 RT: 12.81 min Scan# 3433
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Tgt Ion:146 Resp: 4898
 Ion Ratio Lower Upper
 146 100
 111 32.2 18.8 56.4
 148 69.6 32.4 97.0

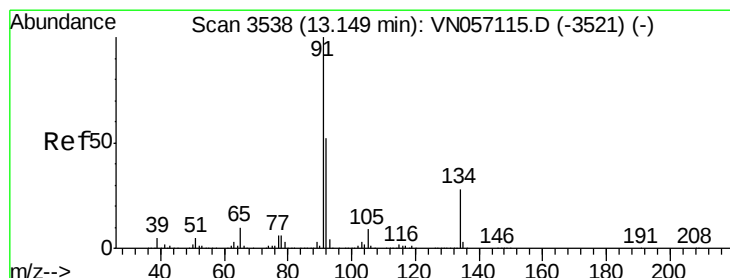
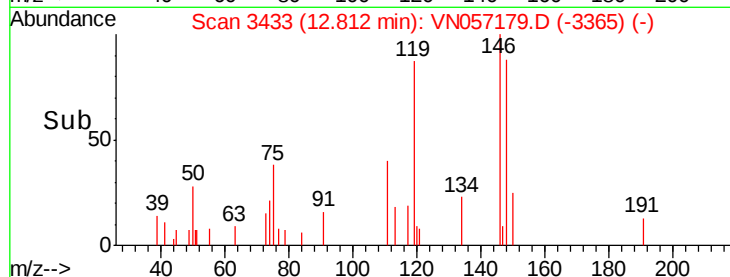
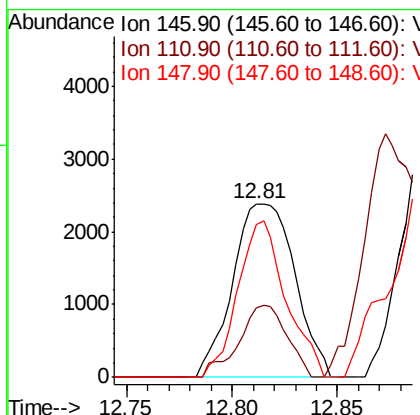
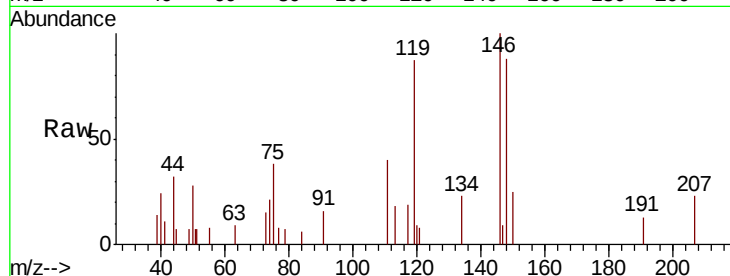




#88
 1,4-Dichlorobenzene
 Concen: 0.363 ug/l
 RT: 12.81 min Scan# 3433
 Delta R.T. -0.08 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

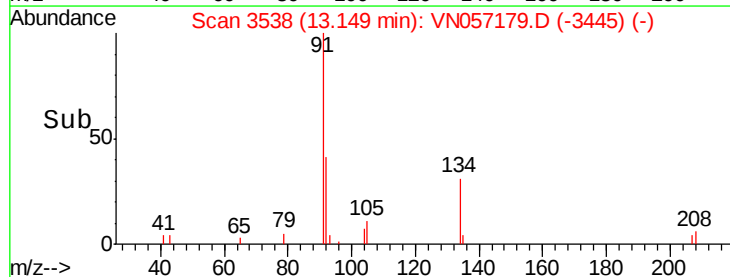
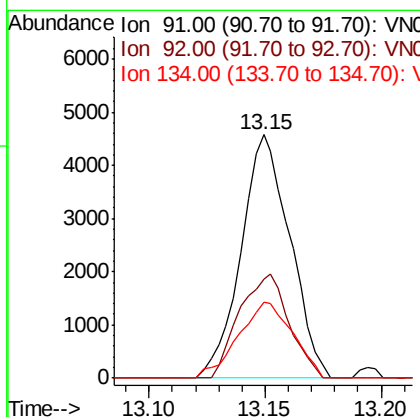
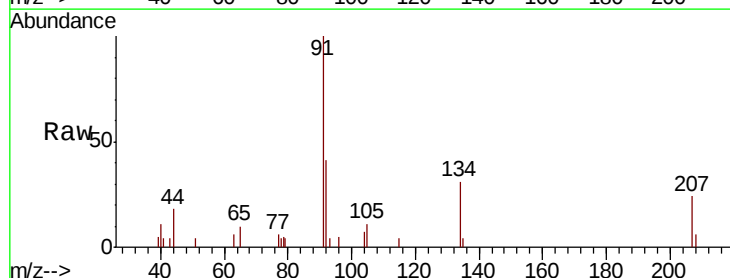
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122100TB

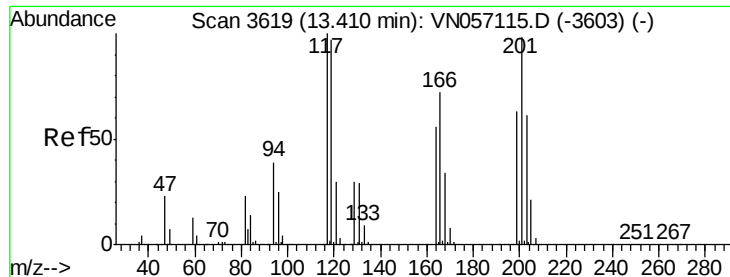
Tgt Ion: 146 Resp: 4898
 Ion Ratio Lower Upper
 146 100
 111 32.2 18.2 54.6
 148 69.6 32.0 96.2



#89
 n-Butylbenzene
 Concen: 0.306 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Tgt Ion: 91 Resp: 6720
 Ion Ratio Lower Upper
 91 100
 92 43.5 26.5 79.4
 134 34.6 14.1 42.3





#90

Hexachloroethane

Concen: Below Cal

RT: 13.40 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

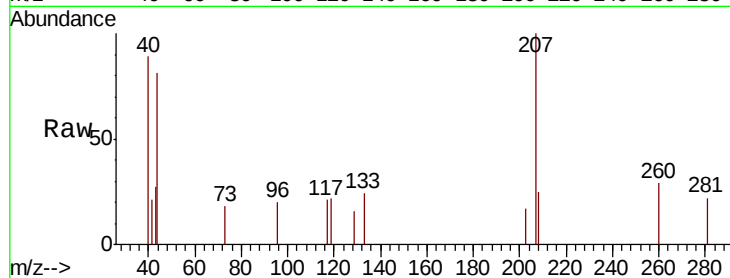
PB122100TB

Tgt Ion:117 Resp: 325

Ion Ratio Lower Upper

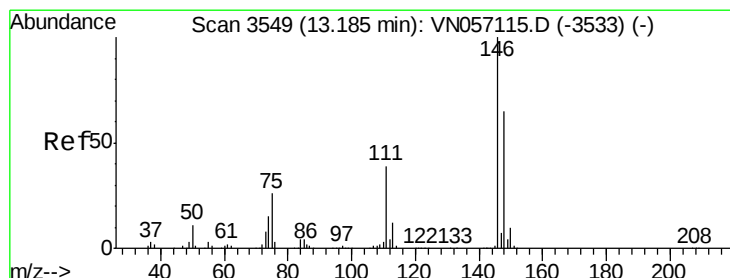
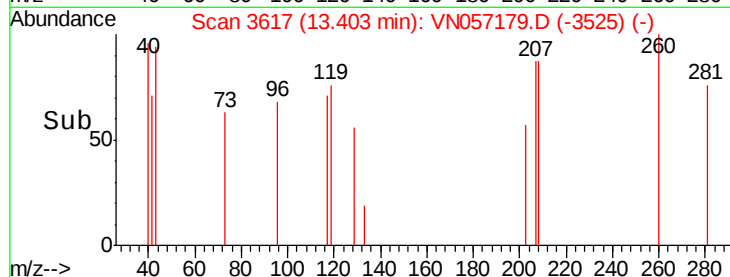
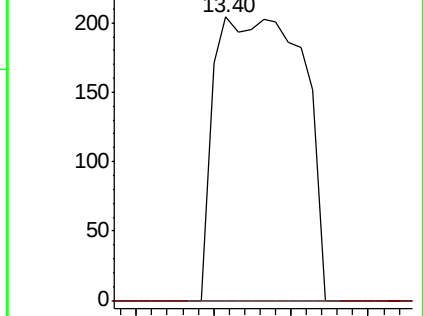
117 100

201 0.0 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.429 ug/l

RT: 13.19 min Scan# 3551

Delta R.T. 0.01 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

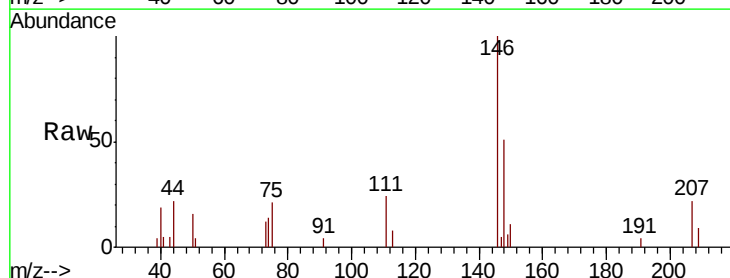
Tgt Ion:146 Resp: 6106

Ion Ratio Lower Upper

146 100

111 34.4 19.2 57.6

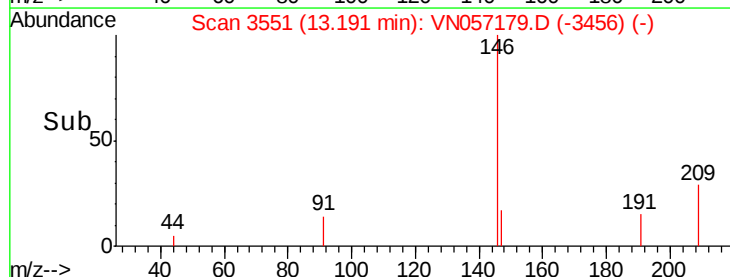
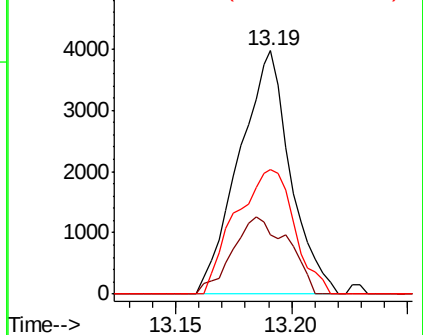
148 58.5 32.4 97.0

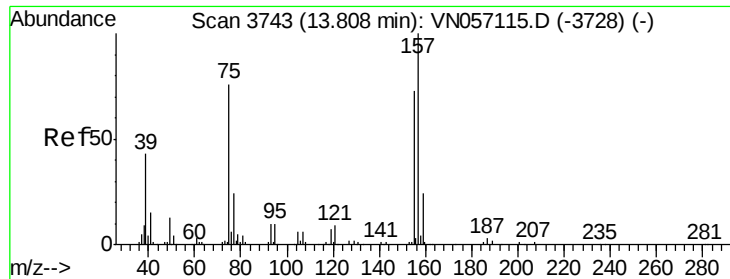


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

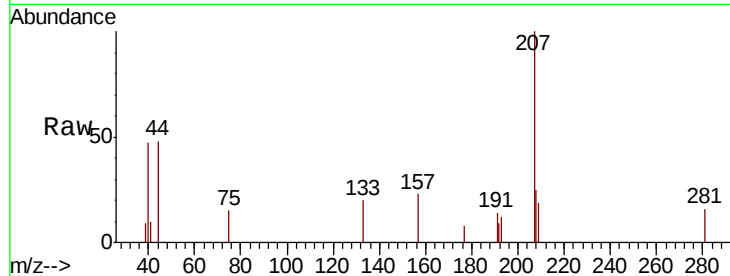




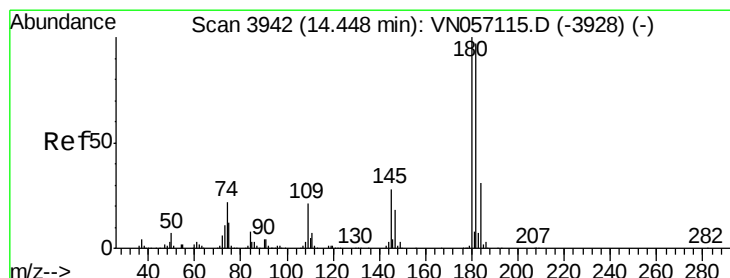
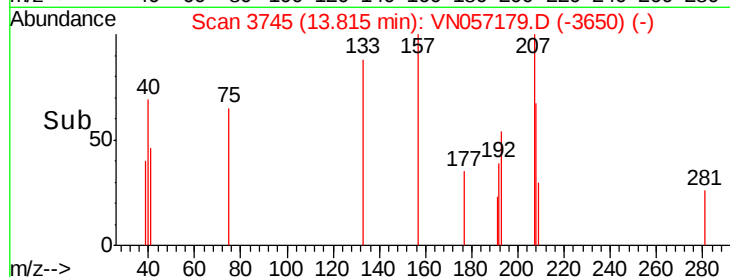
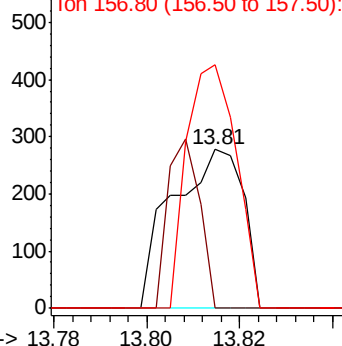
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.201 ug/l
 RT: 13.81 min Scan# 3745
 Delta R.T. 0.01 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122100TB

Tgt Ion: 75 Resp: 294
 Ion Ratio Lower Upper
 75 100
 155 47.6 49.3 147.9#
 157 107.5 65.3 195.8

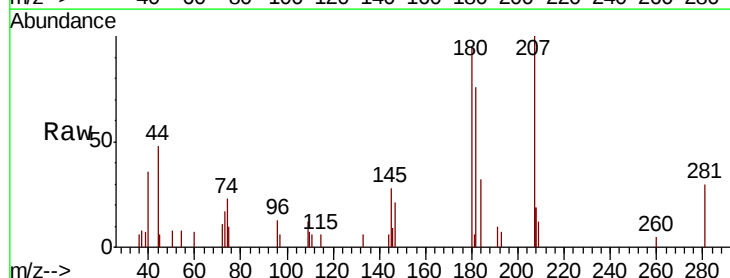


Abundance Ion 74.90 (74.60 to 75.60): VN057115.D (-3728) (-)
 Ion 154.80 (154.50 to 155.50): VN057115.D (-3728) (-)
 Ion 156.80 (156.50 to 157.50): VN057115.D (-3728) (-)

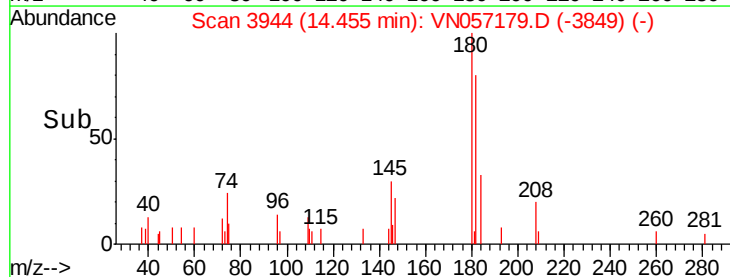
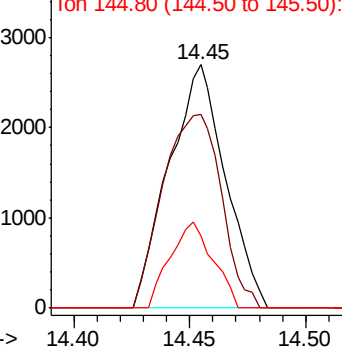


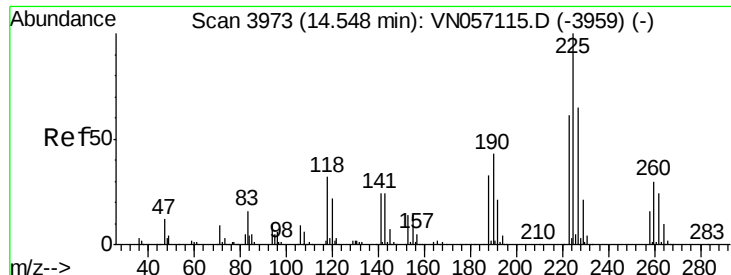
#93
 1,2,4-Trichlorobenzene
 Concen: 6.597 ug/l
 RT: 14.45 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Tgt Ion: 180 Resp: 4565
 Ion Ratio Lower Upper
 180 100
 182 82.3 47.5 142.6
 145 26.8 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): VN057115.D (-3928) (-)
 Ion 181.80 (181.50 to 182.50): VN057115.D (-3928) (-)
 Ion 144.80 (144.50 to 145.50): VN057115.D (-3928) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.55 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VN057179.D

Acq: 11 Aug 2019 11:49

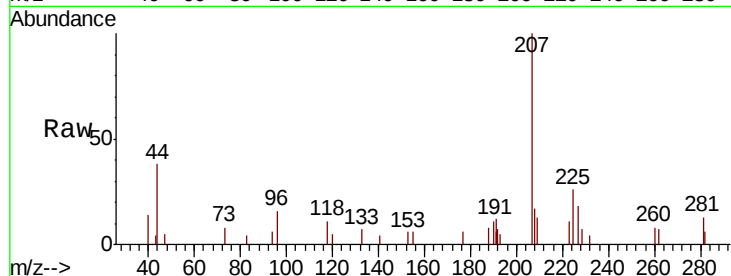
Instrument :

MSVOA_N

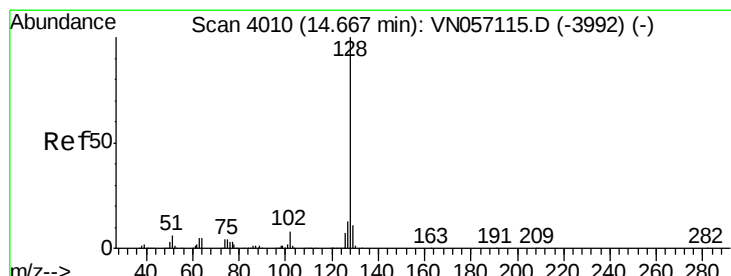
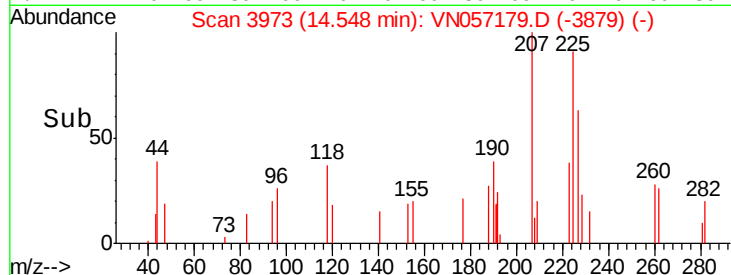
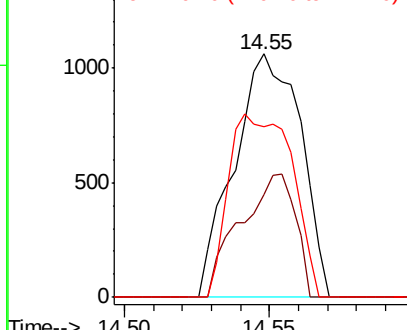
ClientSampled :

PB122100TB

Tgt Ion:	225	Resp:	1691
Ion	Ratio	Lower	Upper
225	100		
223	41.9	30.9	92.8
227	71.8	32.4	97.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.691 ug/l

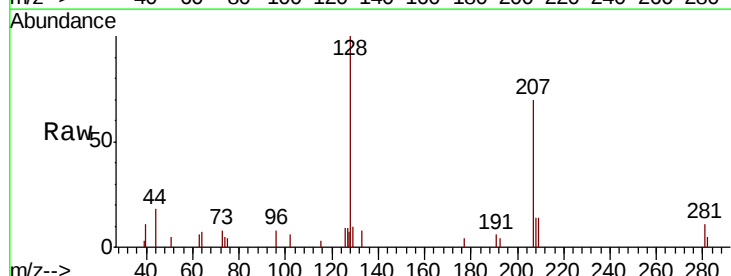
RT: 14.67 min Scan# 4011

Delta R.T. 0.00 min

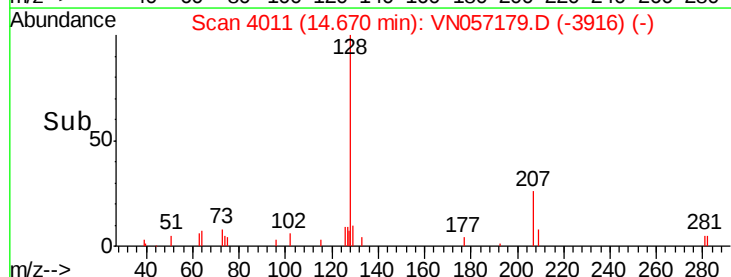
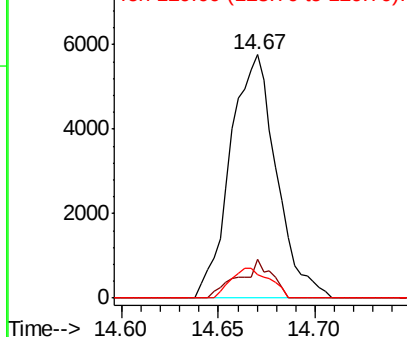
Lab File: VN057179.D

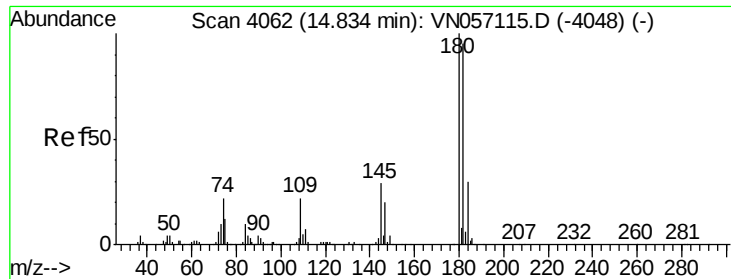
Acq: 11 Aug 2019 11:49

Tgt Ion:	128	Resp:	9538
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	10.3	8.8	13.2



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: 6.485 ug/l
 RT: 14.84 min Scan# 4064
 Delta R.T. 0.01 min
 Lab File: VN057179.D
 Acq: 11 Aug 2019 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122100TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.3	144.8
145	31.9	14.9	44.5

