

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
 Data File : VN057219.D
 Acq On : 12 Aug 2019 16:50
 Operator : JC/SP
 Sample : PB122154TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122154TB

Quant Time: Aug 13 01:46:00 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	1323960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1841028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1555447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	401711	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	604915	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
35) Dibromofluoromethane	6.99	113	558417	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	9.56	98	2136923	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.92	95	577830	40.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.23	59	844	0.436	ug/l #	73
16) Acetone	3.48	43	11536	2.805	ug/l	91
18) Methyl Acetate	3.91	43	21996	1.153	ug/l	96
20) Methylene Chloride	4.10	84	8870	0.654	ug/l	94
25) 2-Butanone	6.21	43	1405	0.224	ug/l #	76
31) Cyclohexane	7.06	56	18486	0.936	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	78802	5.199	ug/l #	48
38) Carbon Tetrachloride	7.05	117	111328	7.047	ug/l #	17
43) Isopropyl Acetate	7.56	43	145052	6.802	ug/l #	86
45) 1,2-Dichloropropane	8.71	63	3589	0.289	ug/l #	43
48) Methyl methacrylate	8.63	41	7264	0.722	ug/l #	10
49) 1,4-Dioxane	8.66	88	282	1.377	ug/l #	27
51) 4-Methyl-2-Pentanone	9.45	43	11110	0.895	ug/l	95
54) cis-1,3-Dichloropropene	9.36	75	73108	3.956	ug/l #	63
57) 1,3-Dichloropropane	10.25	76	12290	0.636	ug/l #	42
59) 2-Hexanone	10.25	43	156357	18.616	ug/l #	50
60) Dibromochloromethane	10.11	129	6639	0.540	ug/l #	11
64) Tetrachloroethene	10.11	164	7767	0.600	ug/l	88
71) Bromoform	11.92	173	4112	0.480	ug/l #	1
73) Isopropylbenzene	11.77	105	3154	Below Cal		93
75) 1,1,2,2-Tetrachloroethane	12.02	83	124	Below Cal	#	79
76) 1,2,3-Trichloropropane	11.92	75	270527	33.527	ug/l #	100
79) 2-Chlorotoluene	12.19	91	3207	Below Cal		77
80) 1,3,5-Trimethylbenzene	12.26	105	21150	0.682	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.92	75	270527	99.019	ug/l #	14
83) tert-Butylbenzene	12.52	119	3050	Below Cal		92
87) 1,3-Dichlorobenzene	12.82	146	4151	0.302	ug/l	89
88) 1,4-Dichlorobenzene	12.82	146	4151	0.319	ug/l	91
89) n-Butylbenzene	13.15	91	5629	0.265	ug/l	92
91) 1,2-Dichlorobenzene	13.19	146	4260	0.310	ug/l	91
93) 1,2,4-Trichlorobenzene	14.45	180	2826	6.358	ug/l	83
94) Hexachlorobutadiene	14.55	225	1442	Below Cal		93
95) Naphthalene	14.67	128	7852	3.560	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.84	180	4500	6.383	ug/l	90

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ALS Vial : 19 Sample Multiplier: 1

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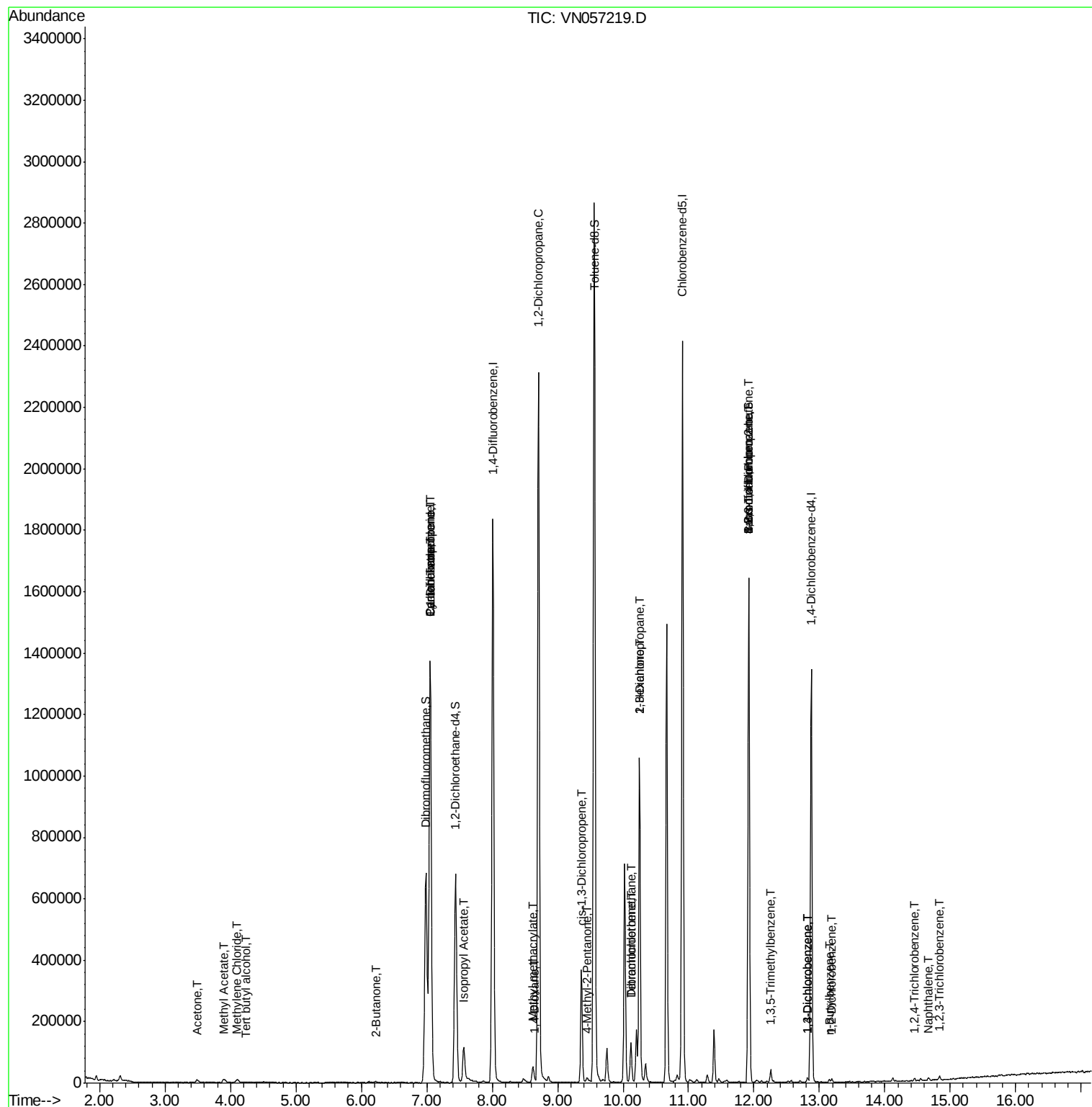
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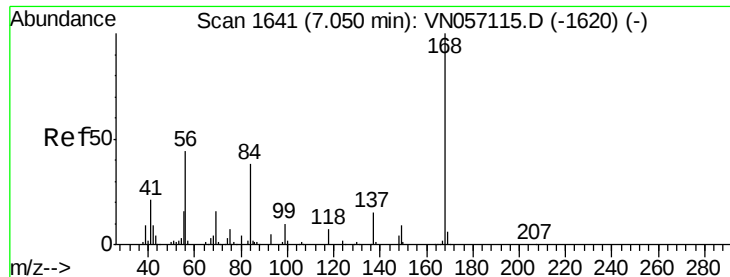
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
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Operator : JC/SP
Sample : PB122154TB
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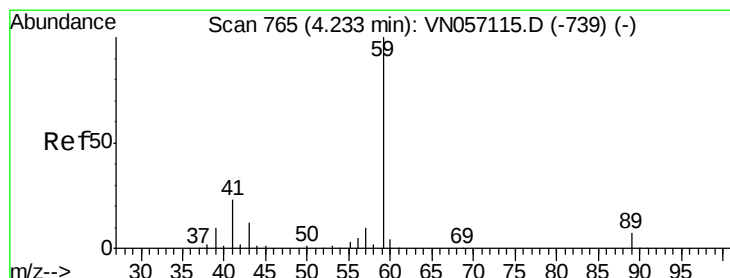
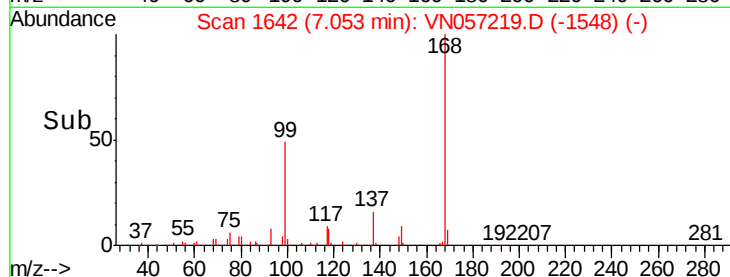
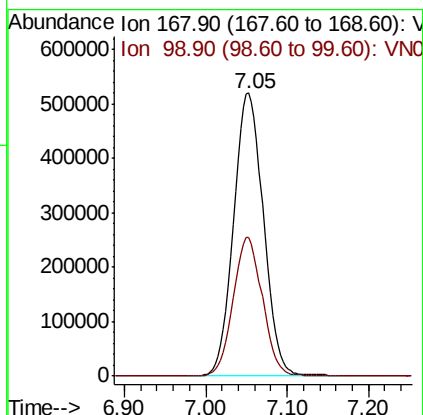
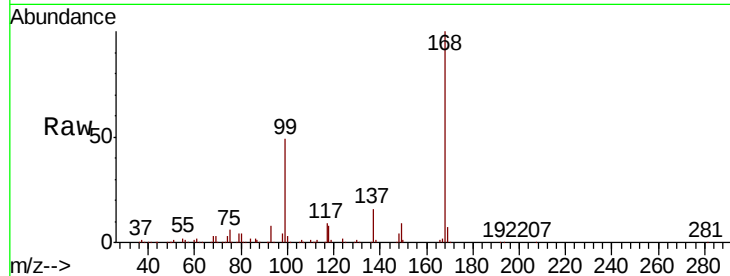




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 1642
Delta R.T. 0.00 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

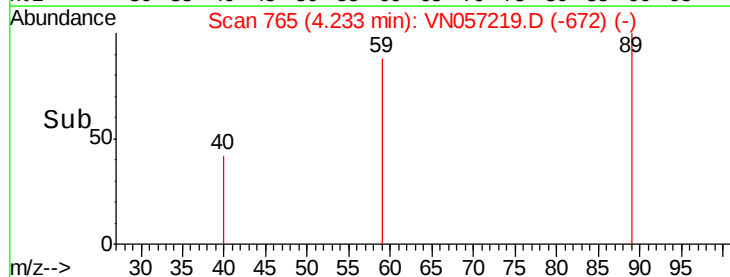
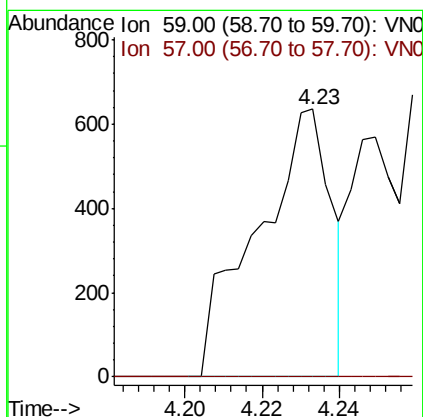
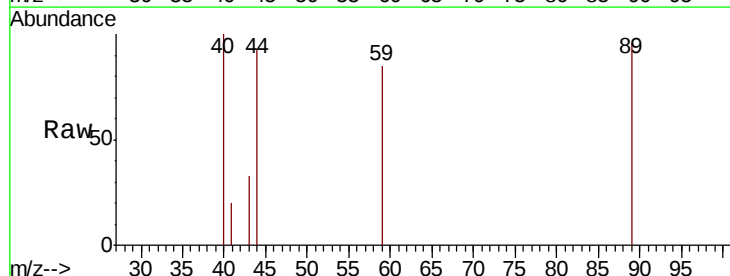
Instrument :
MSVOA_N
ClientSampleId :
PB122154TB

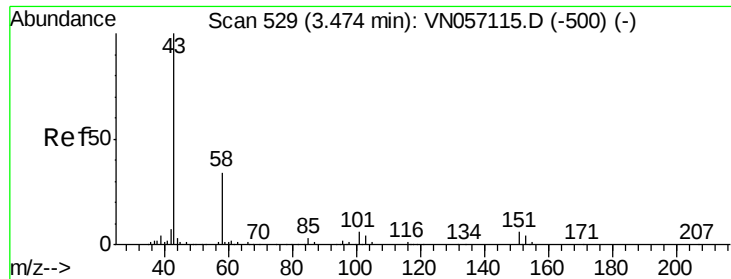
Tgt Ion:168 Resp: 1323960
Ion Ratio Lower Upper
168 100
99 48.9 38.6 57.8



#11
Tert butyl alcohol
Concen: 0.436 ug/l
RT: 4.23 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

Tgt Ion: 59 Resp: 844
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#16

Acetone

Concen: 2.805 ug/l

RT: 3.48 min Scan# 532

Delta R.T. 0.01 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

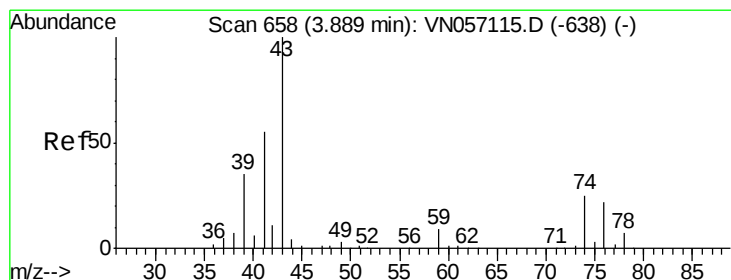
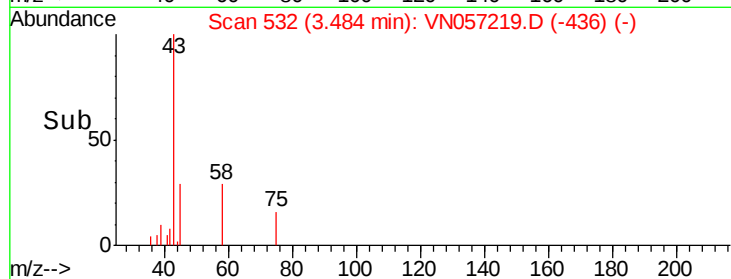
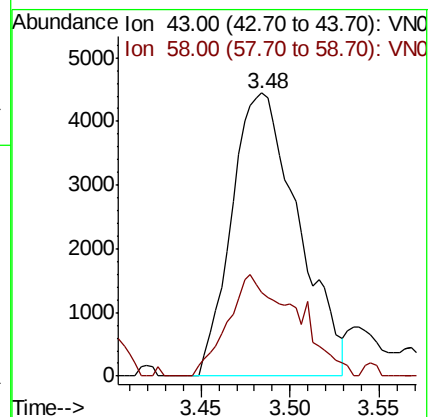
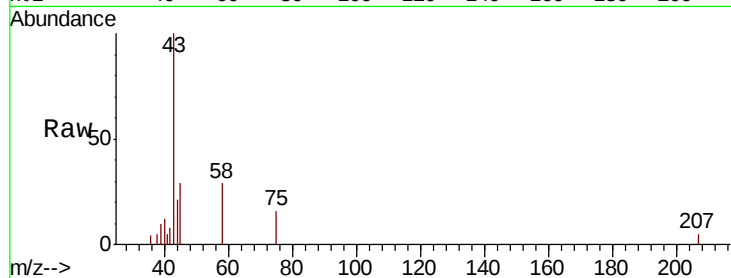
PB122154TB

Tgt Ion: 43 Resp: 11536

Ion Ratio Lower Upper

43 100

58 29.4 27.4 41.2



#18

Methyl Acetate

Concen: 1.153 ug/l

RT: 3.91 min Scan# 663

Delta R.T. 0.02 min

Lab File: VN057219.D

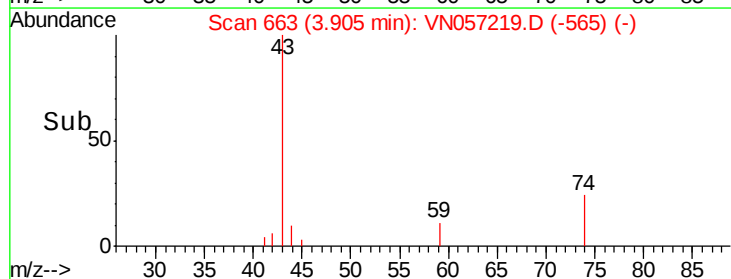
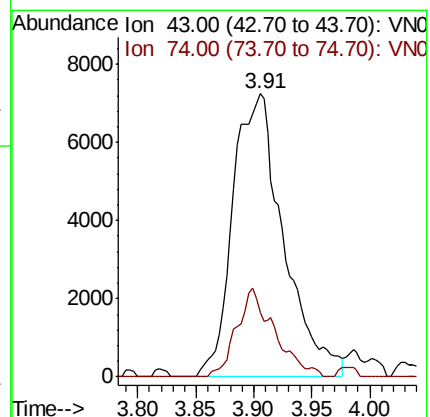
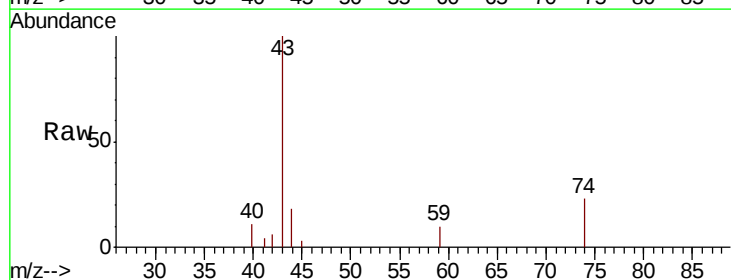
Acq: 12 Aug 2019 16:50

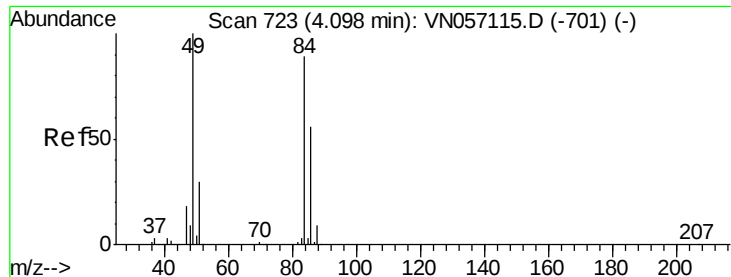
Tgt Ion: 43 Resp: 21996

Ion Ratio Lower Upper

43 100

74 23.4 20.2 30.4

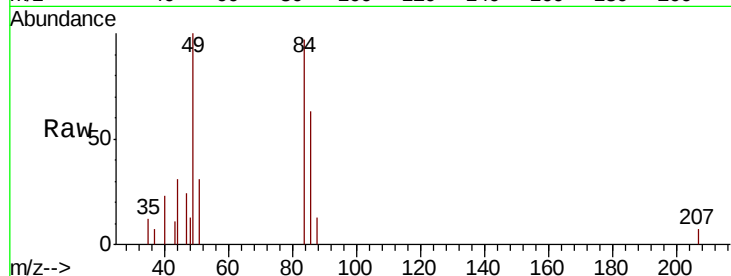




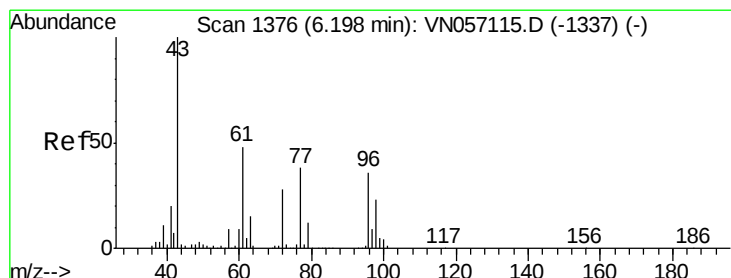
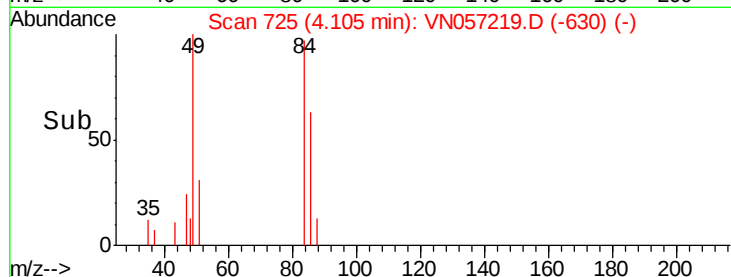
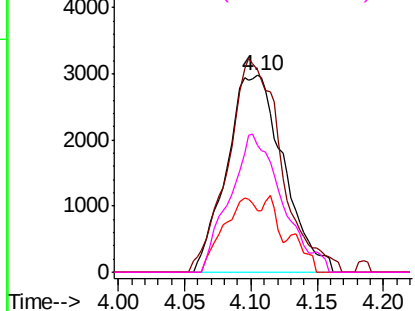
#20
Methylene Chloride
Concen: 0.654 ug/l
RT: 4.10 min Scan# 725
Delta R.T. 0.01 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

Instrument :
MSVOA_N
ClientSampled :
PB122154TB

Tgt Ion:	84	Resp:	8870
Ion	Ratio	Lower	Upper
84	100		
49	102.7	89.5	134.3
51	31.4	27.2	40.8
86	64.2	50.6	75.8

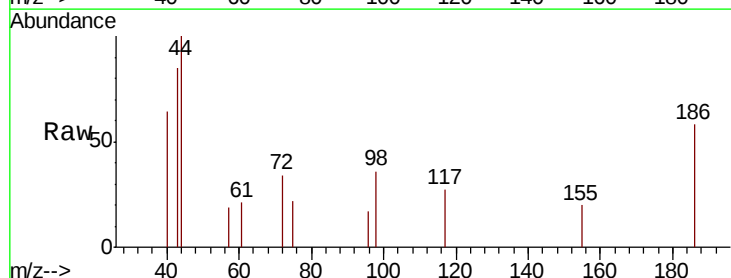


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

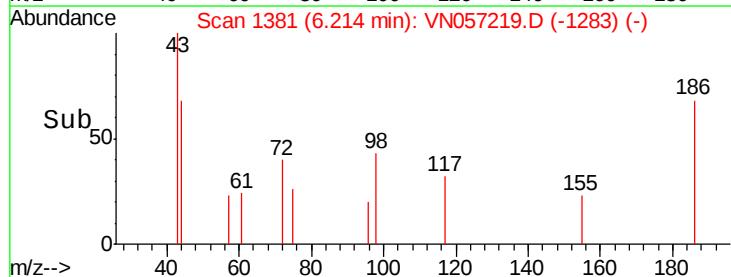
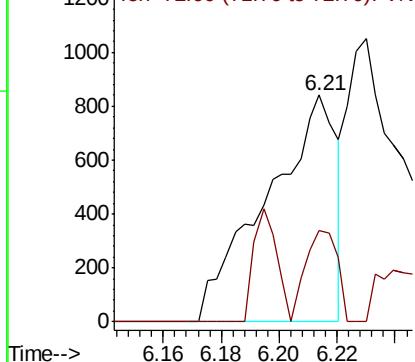


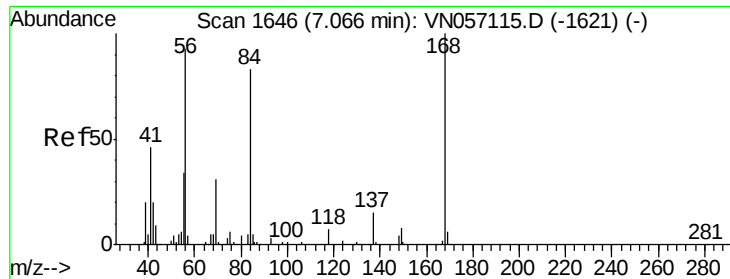
#25
2-Butanone
Concen: 0.224 ug/l
RT: 6.21 min Scan# 1381
Delta R.T. 0.02 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

Tgt Ion:	43	Resp:	1405
Ion	Ratio	Lower	Upper
43	100		
72	40.3	22.2	33.4#



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

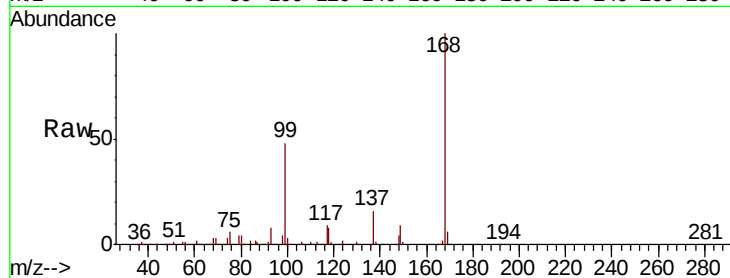




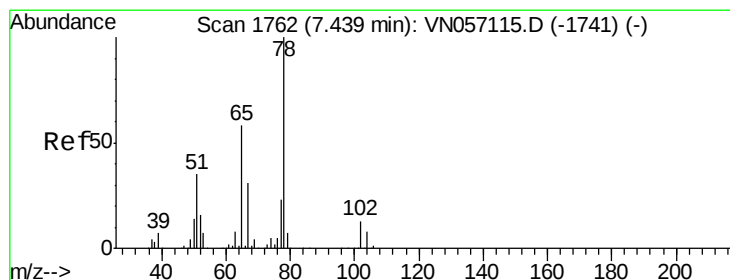
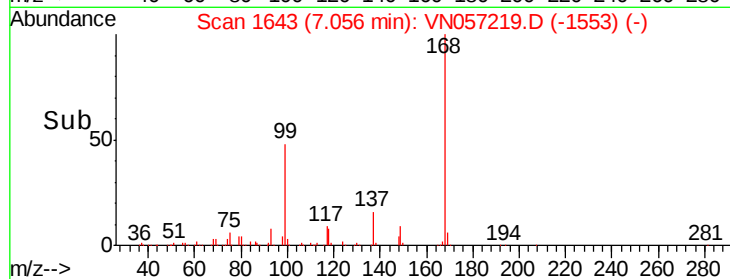
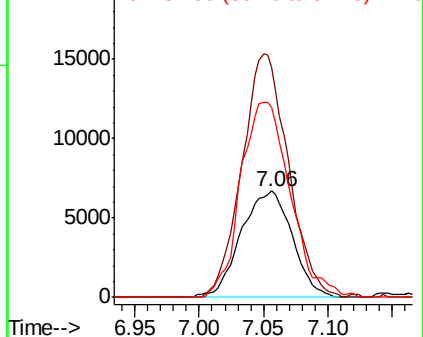
#31
Cyclohexane
Concen: 0.936 ug/l
RT: 7.06 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

Instrument :
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Tgt Ion: 56 Resp: 18486
Ion Ratio Lower Upper
56 100
69 216.8 26.9 40.3#
84 179.5 71.9 107.9#

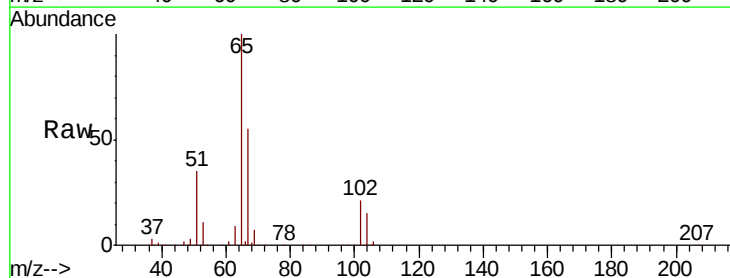


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

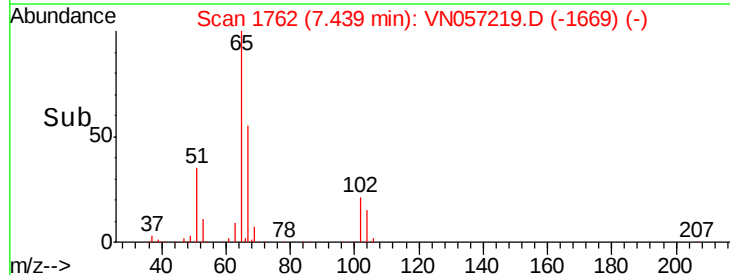
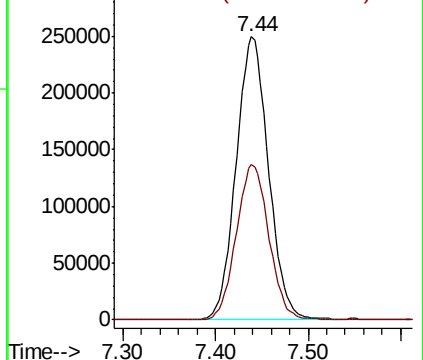


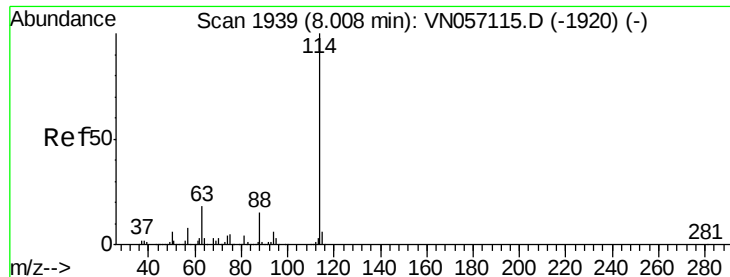
#33
1,2-Dichloroethane-d4
Concen: 44.427 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

Tgt Ion: 65 Resp: 604915
Ion Ratio Lower Upper
65 100
67 55.2 0.0 108.2



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

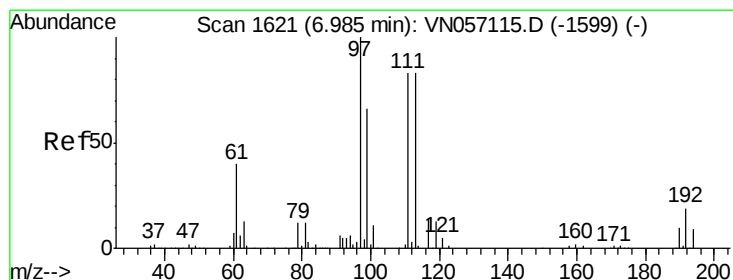
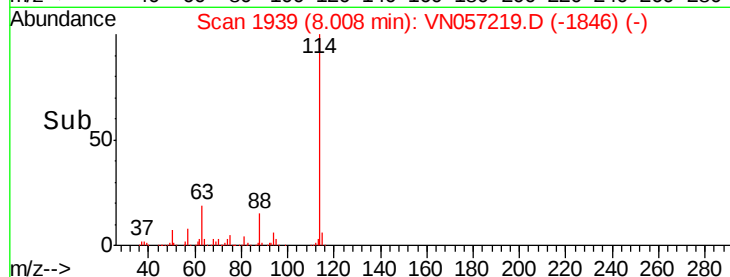
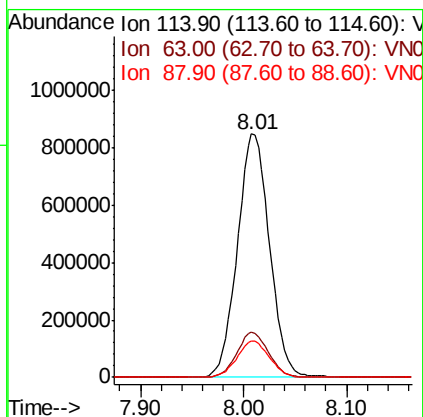
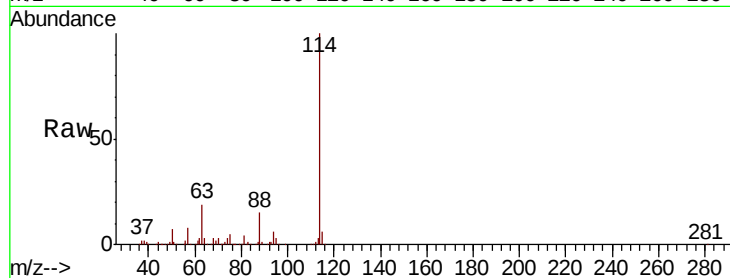




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

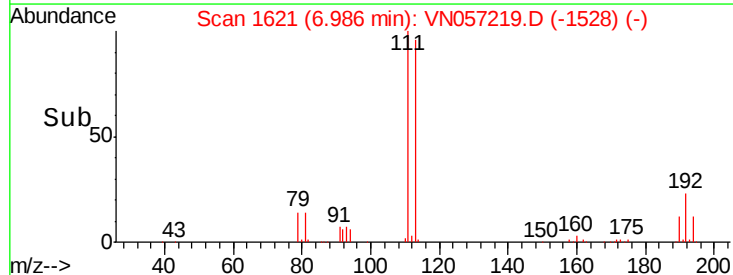
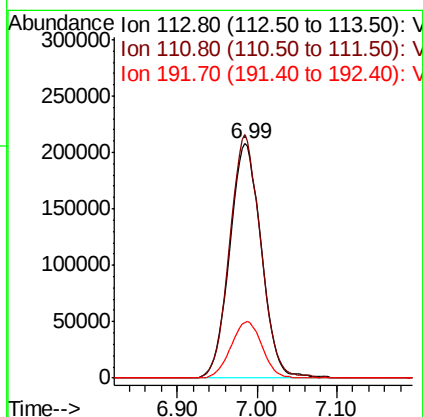
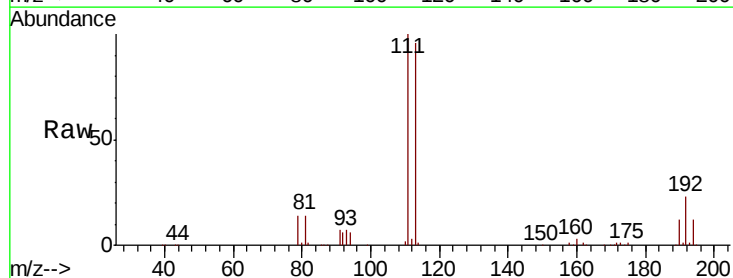
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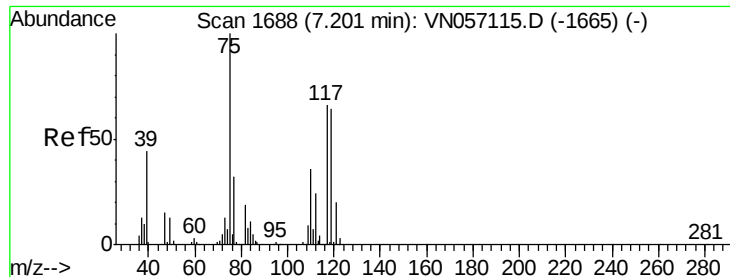
Tgt Ion:114 Resp: 1841028
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.2
 88 14.9 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.336 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

Tgt Ion:113 Resp: 558417
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.3 121.9
 192 23.9 19.0 28.4

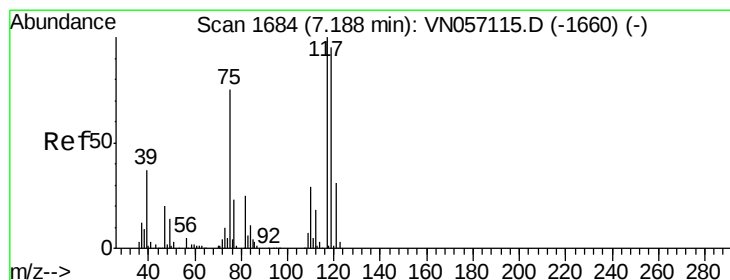
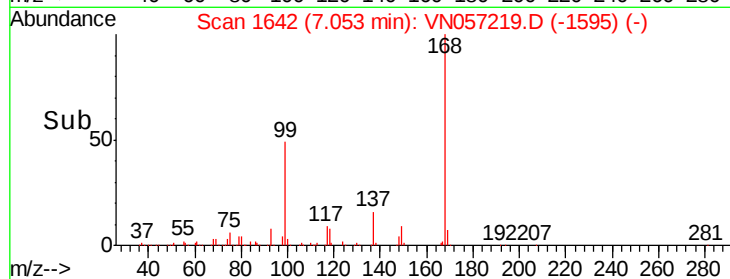
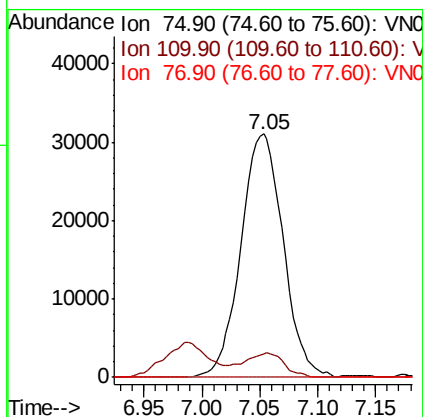
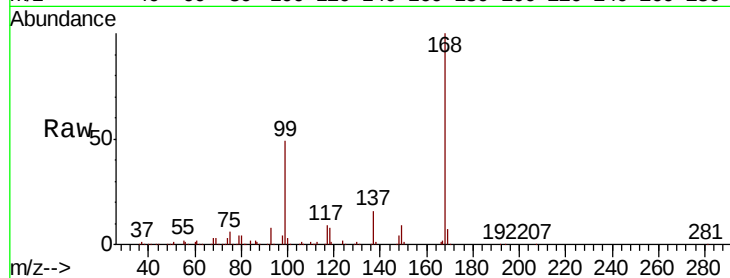




#36
 1,1-Dichloropropene
 Concen: 5.199 ug/l
 RT: 7.05 min Scan# 1642
 Delta R.T. -0.15 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

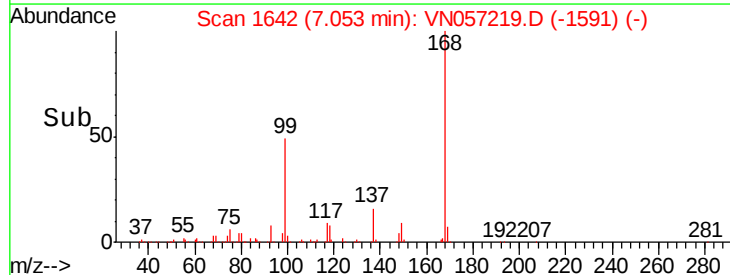
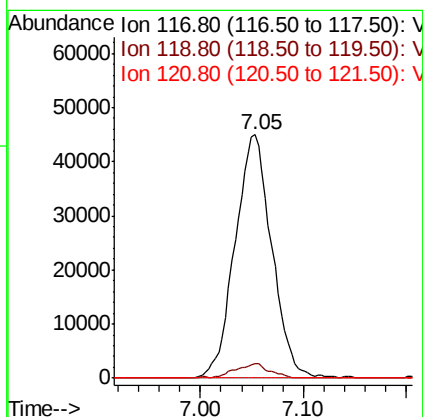
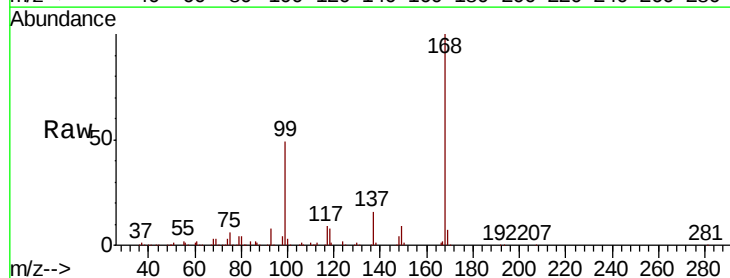
Instrument :
 MSVOA_N
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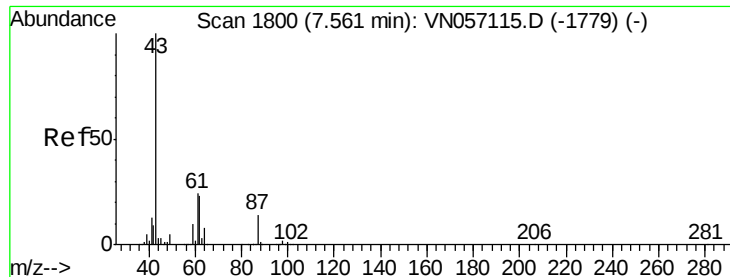
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.7	56.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.047 ug/l
 RT: 7.05 min Scan# 1642
 Delta R.T. -0.13 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.8	113.6#
121	0.0	24.4	36.6#





#43

Isopropyl Acetate

Concen: 6.802 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB122154TB

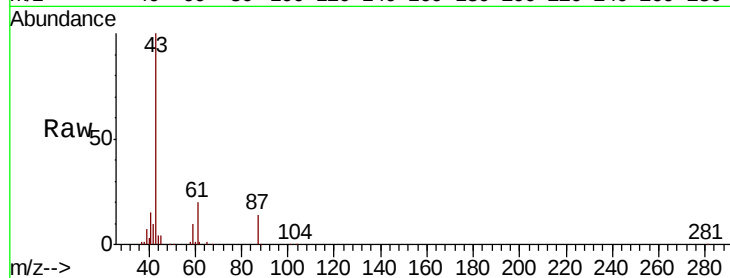
Tgt Ion: 43 Resp: 145052

Ion Ratio Lower Upper

43 100

61 19.1 24.2 36.2#

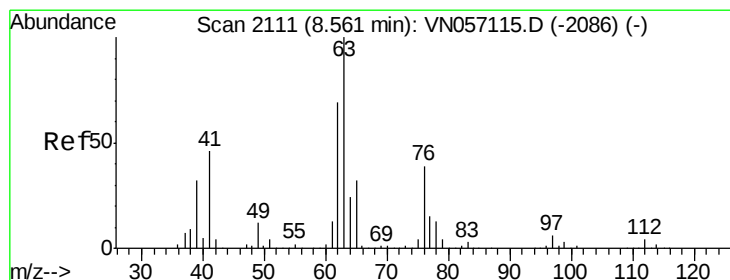
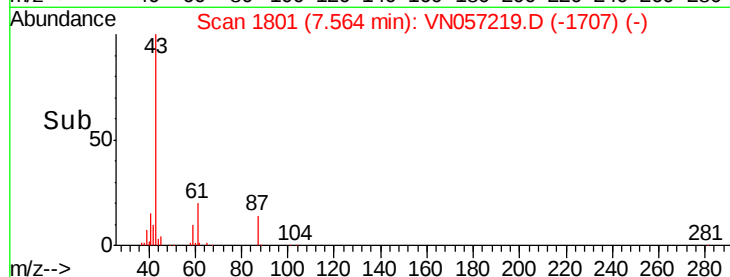
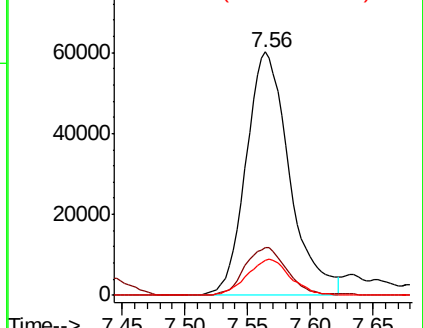
87 14.6 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN057219.D (-1779) (-)

Ion 61.00 (60.70 to 61.70): VN057219.D (-1779) (-)

Ion 87.00 (86.70 to 87.70): VN057219.D (-1779) (-)



#45

1,2-Dichloropropane

Concen: 0.289 ug/l

RT: 8.71 min Scan# 2157

Delta R.T. 0.15 min

Lab File: VN057219.D

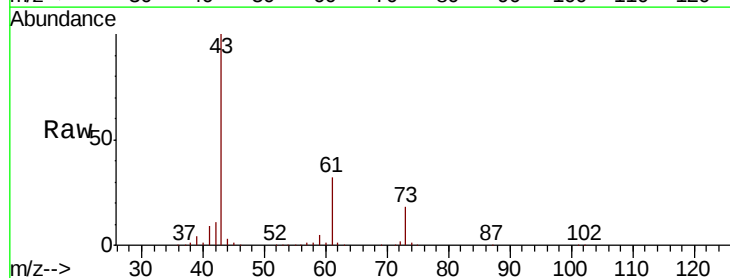
Acq: 12 Aug 2019 16:50

Tgt Ion: 63 Resp: 3589

Ion Ratio Lower Upper

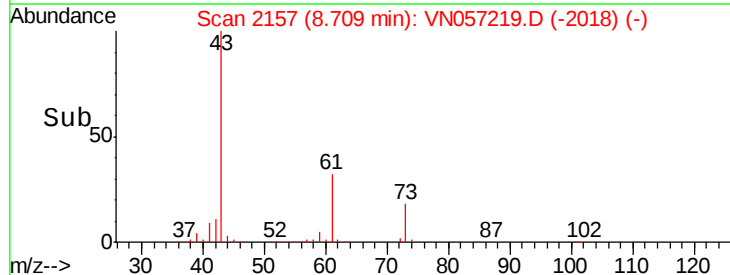
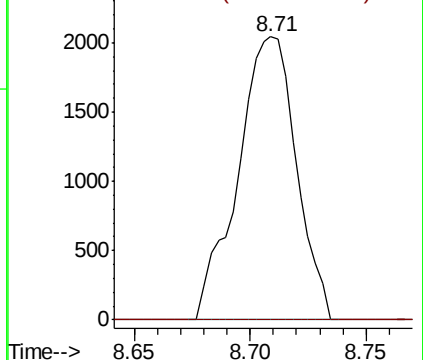
63 100

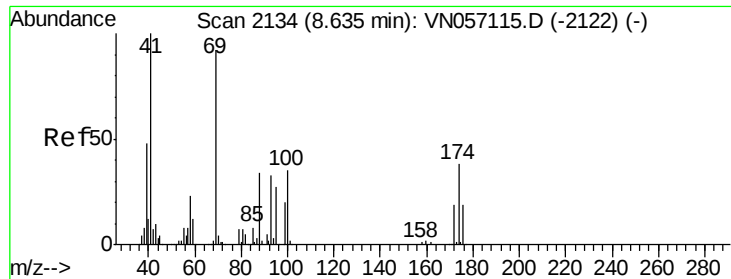
65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN057219.D (-2086) (-)

Ion 64.90 (64.60 to 65.60): VN057219.D (-2086) (-)

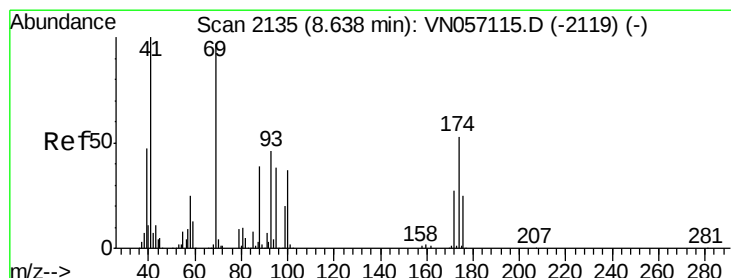
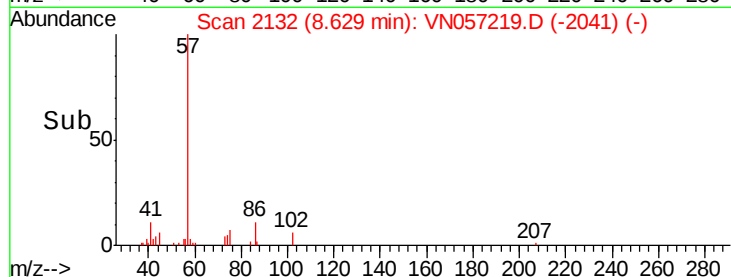
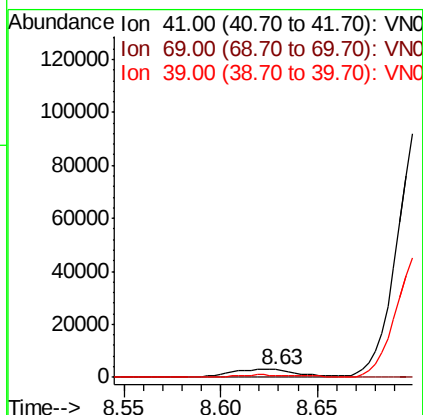
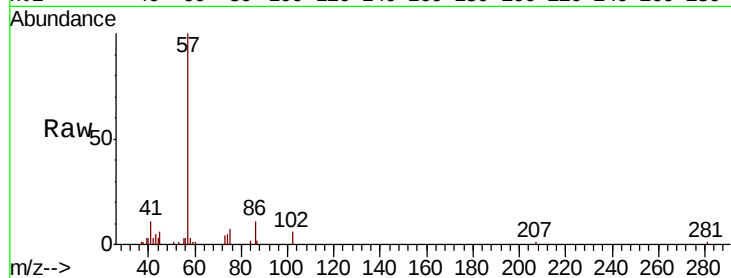




#48
Methyl methacrylate
Concen: 0.722 ug/l
RT: 8.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

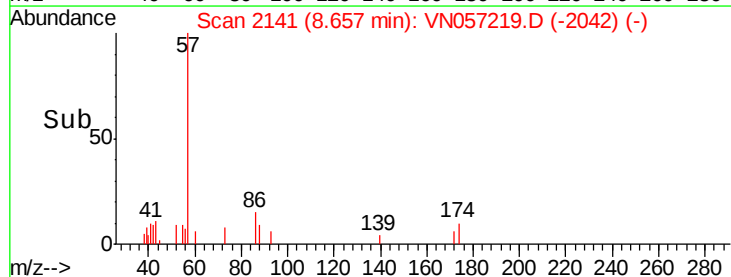
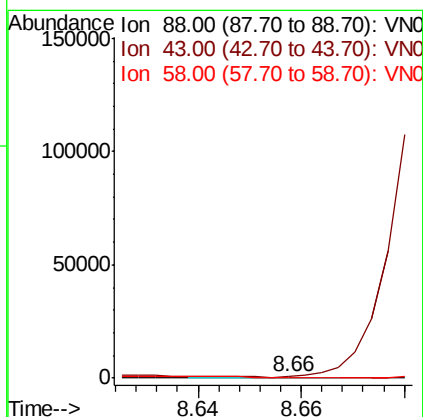
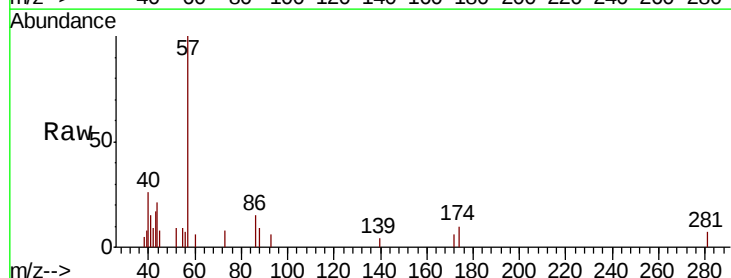
Instrument :
MSVOA_N
ClientSampleId :
PB122154TB

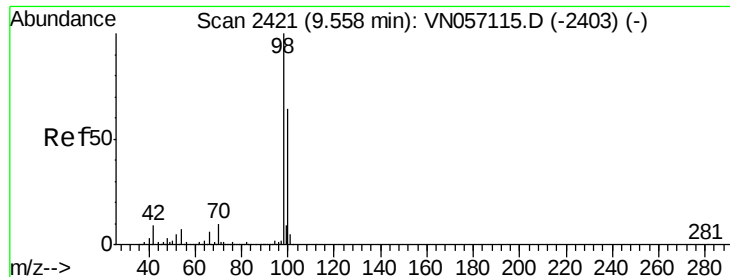
Tgt Ion: 41 Resp: 7264
Ion Ratio Lower Upper
41 100
69 0.0 77.5 116.3#
39 0.0 39.8 59.6#



#49
1,4-Dioxane
Concen: 1.377 ug/l
RT: 8.66 min Scan# 2141
Delta R.T. 0.02 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

Tgt Ion: 88 Resp: 282
Ion Ratio Lower Upper
88 100
43 0.0 21.7 32.5#
58 0.0 51.1 76.7#

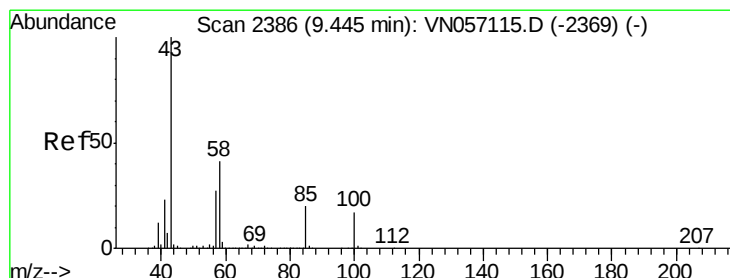
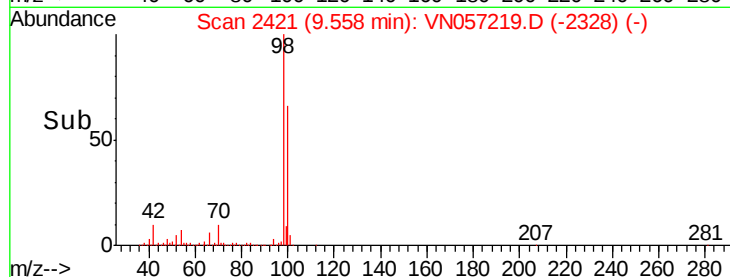
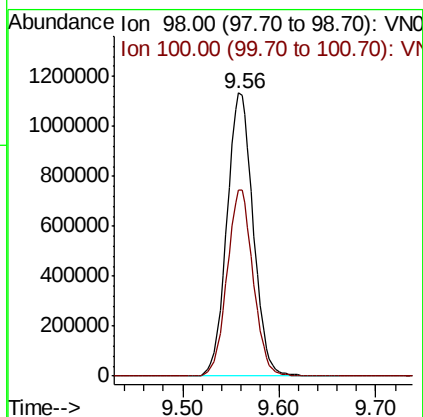
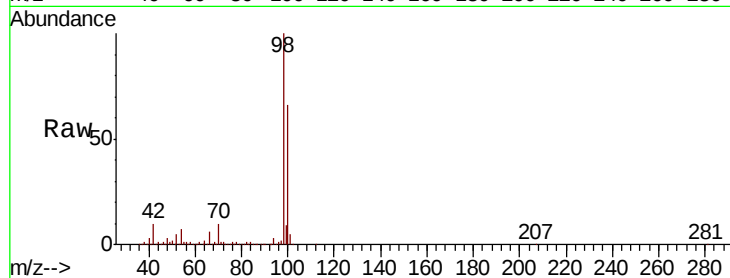




#50
Toluene-d8
Concen: 48.348 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. 0.00 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

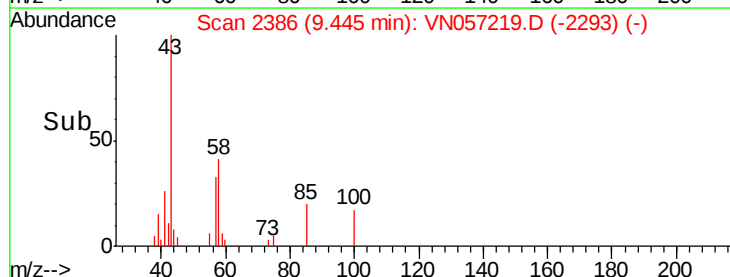
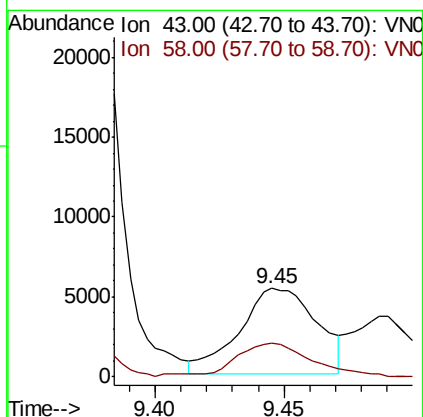
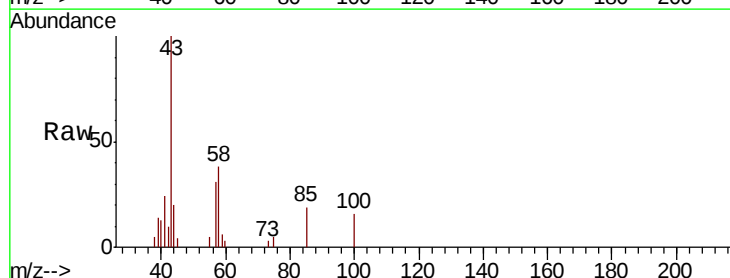
Instrument :
MSVOA_N
ClientSampleId :
PB122154TB

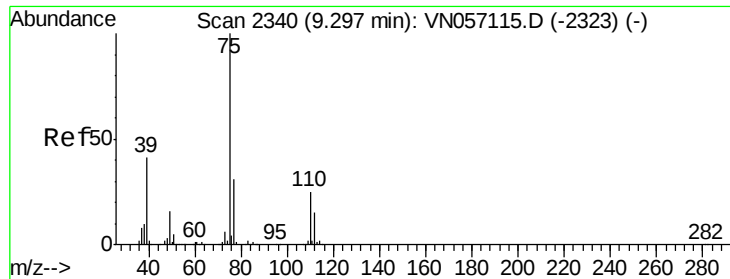
Tgt Ion: 98 Resp: 2136923
Ion Ratio Lower Upper
98 100
100 65.2 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.895 ug/l
RT: 9.45 min Scan# 2386
Delta R.T. 0.00 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

Tgt Ion: 43 Resp: 11110
Ion Ratio Lower Upper
43 100
58 38.3 33.2 49.8



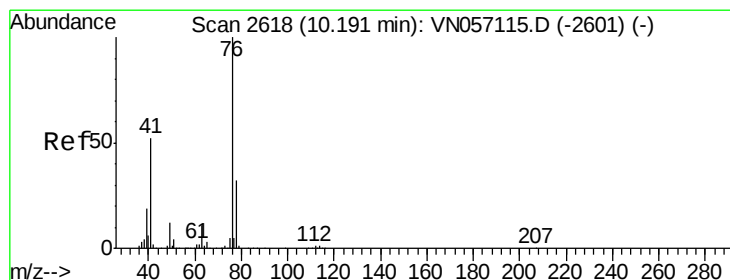
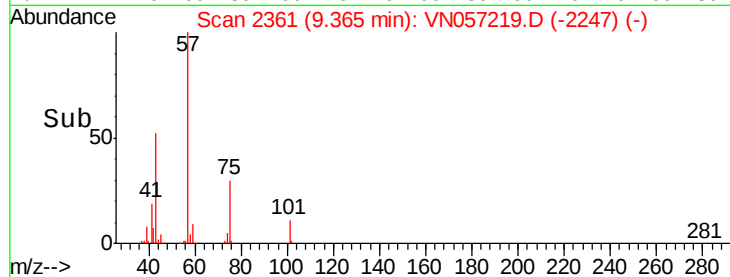
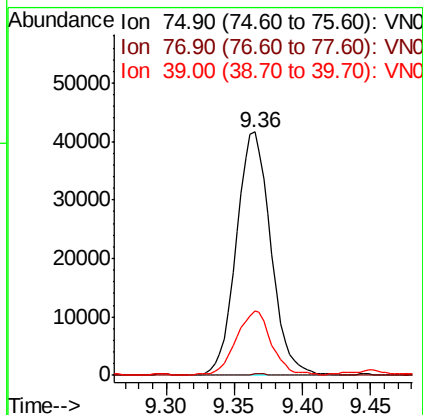
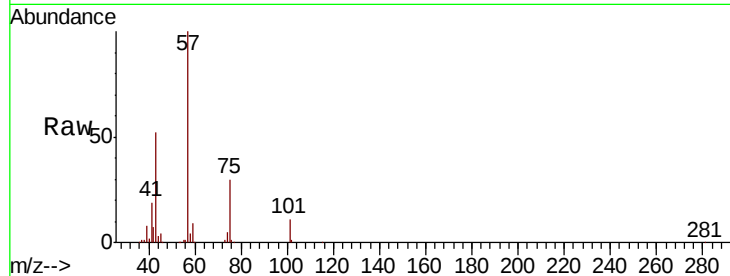


#54

cis-1,3-Dichloropropene
 Concen: 3.956 ug/l
 RT: 9.36 min Scan# 2361
 Delta R.T. 0.07 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

Instrument :
 MSVOA_N
 ClientSampled :
 PB122154TB

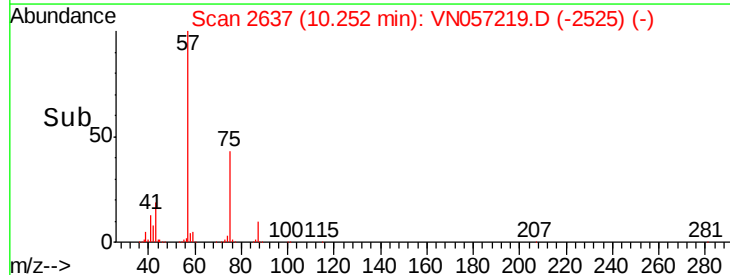
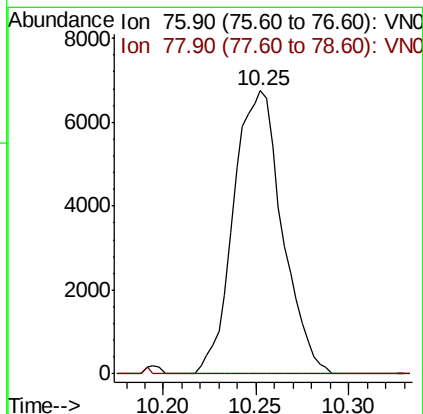
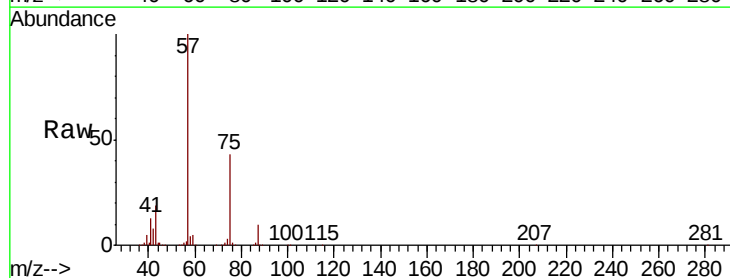
Tgt Ion: 75 Resp: 73108
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.1 37.7#
 39 26.6 32.5 48.7#

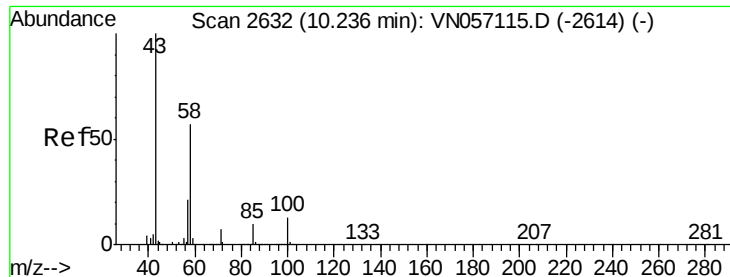


#57

1,3-Dichloropropane
 Concen: 0.636 ug/l
 RT: 10.25 min Scan# 2637
 Delta R.T. 0.06 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

Tgt Ion: 76 Resp: 12290
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

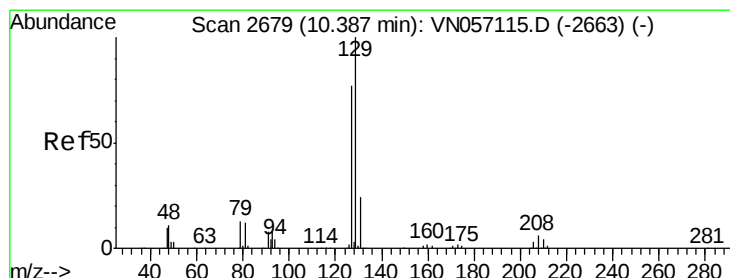
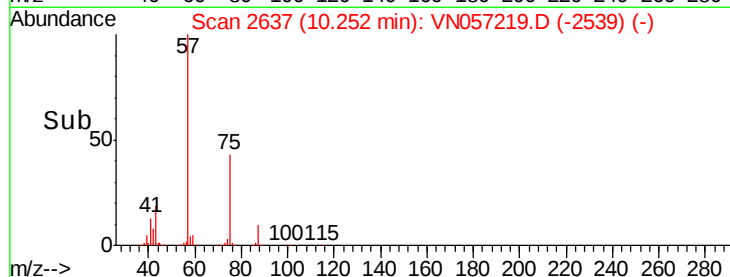
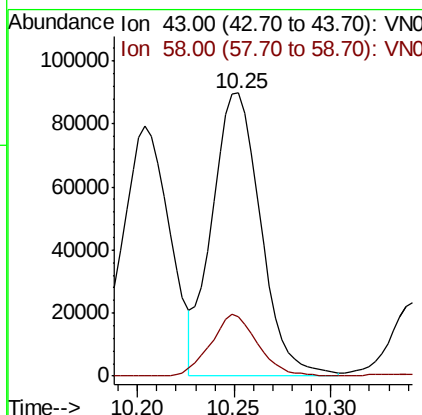
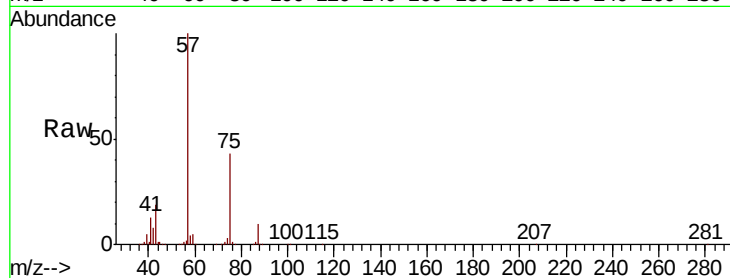




#59
2-Hexanone
Concen: 18.616 ug/l
RT: 10.25 min Scan# 2637
Delta R.T. 0.02 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

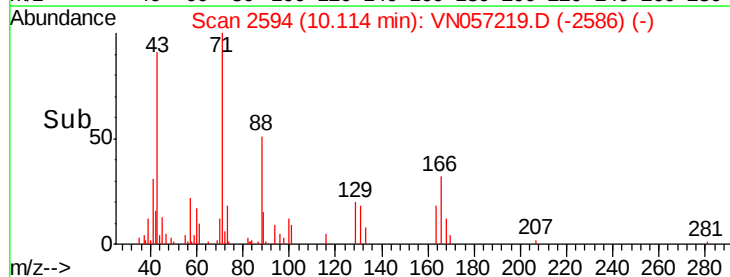
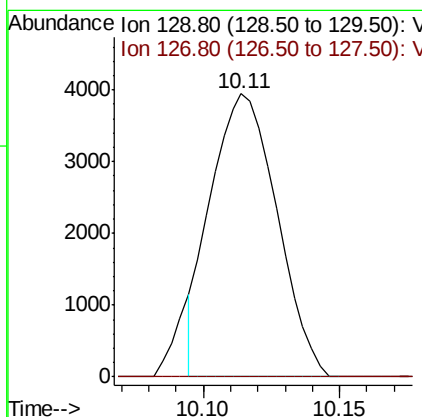
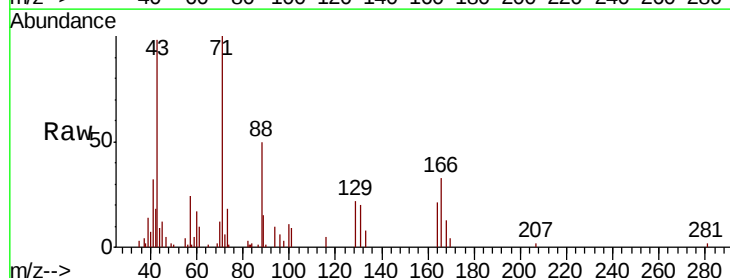
Instrument :
MSVOA_N
ClientSampleId :
PB122154TB

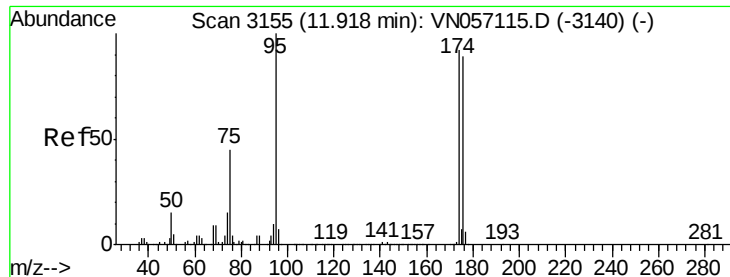
Tgt Ion: 43 Resp: 156357
Ion Ratio Lower Upper
43 100
58 21.3 29.2 87.6#



#60
Dibromochloromethane
Concen: 0.540 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. -0.27 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

Tgt Ion: 129 Resp: 6639
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#





#62

4-Bromofluorobenzene

Concen: 40.575 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB122154TB

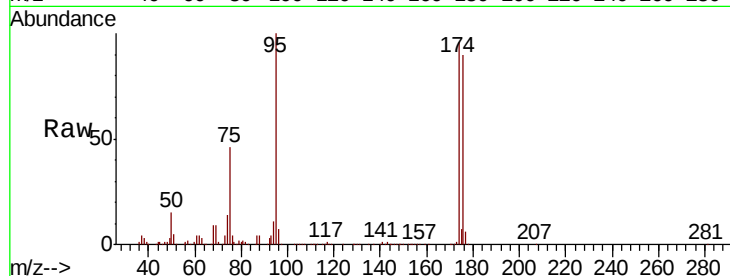
Tgt Ion: 95 Resp: 577830

Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.0

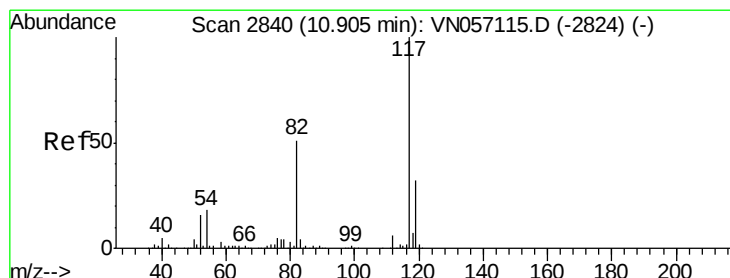
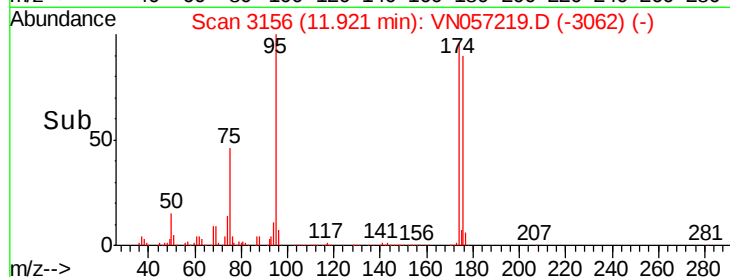
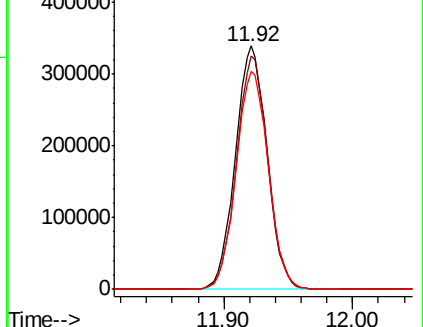
176 91.0 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057219.D (-3062) (-)

Ion 173.80 (173.50 to 174.50): VN057219.D (-3062) (-)

Ion 175.80 (175.50 to 176.50): VN057219.D (-3062) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

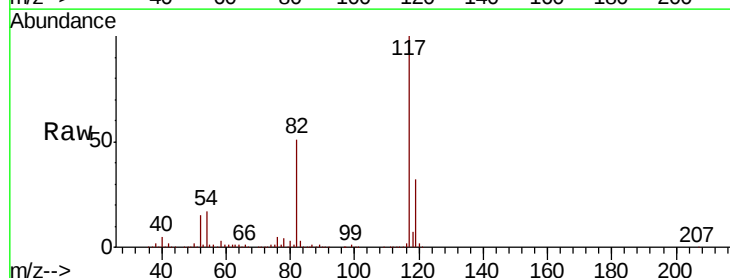
Tgt Ion: 117 Resp: 1555447

Ion Ratio Lower Upper

117 100

82 50.7 40.8 61.2

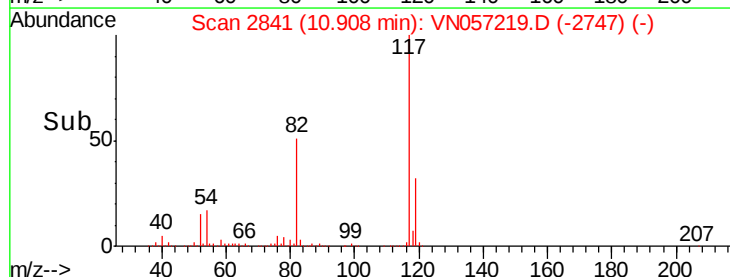
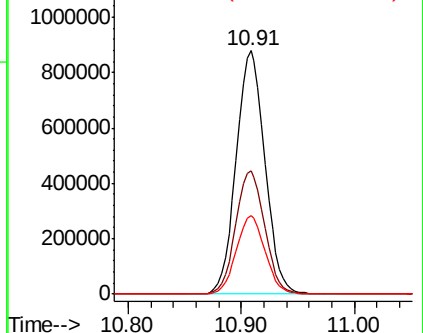
119 32.5 25.7 38.5

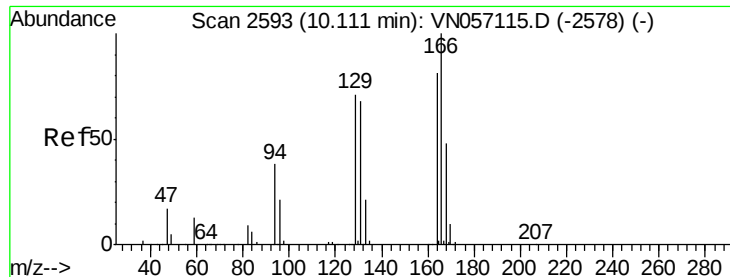


Abundance Ion 116.90 (116.60 to 117.60): VN057219.D (-2747) (-)

Ion 82.00 (81.70 to 82.70): VN057219.D (-2747) (-)

Ion 118.90 (118.60 to 119.60): VN057219.D (-2747) (-)





#64

Tetrachloroethene

Concen: 0.600 ug/l

RT: 10.11 min Scan# 2593

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB122154TB

Tgt Ion:164 Resp: 7767

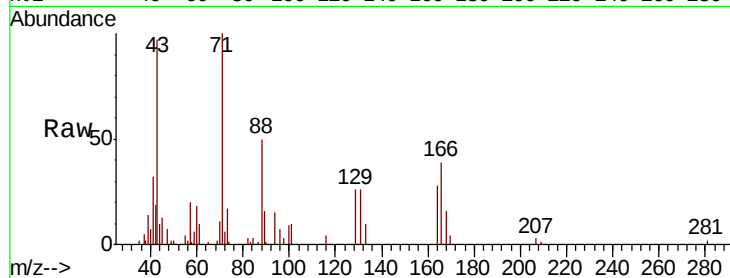
Ion Ratio Lower Upper

164 100

166 139.8 98.3 147.5

129 94.2 69.8 104.6

131 93.4 66.8 100.2

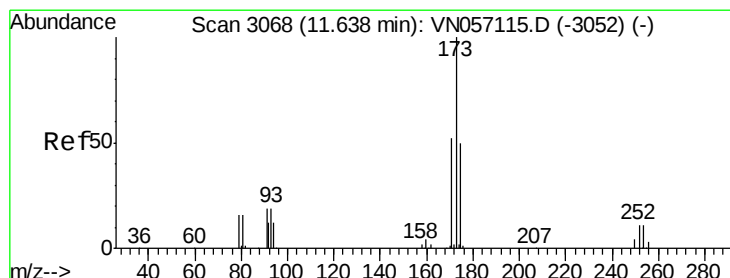
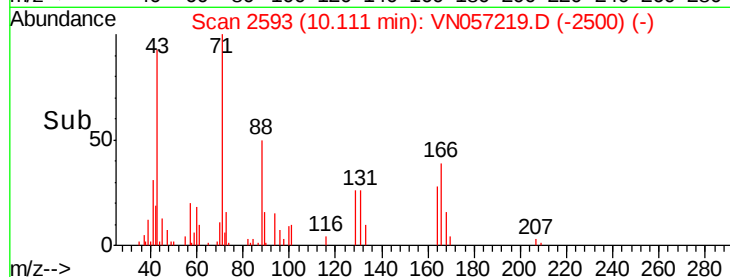
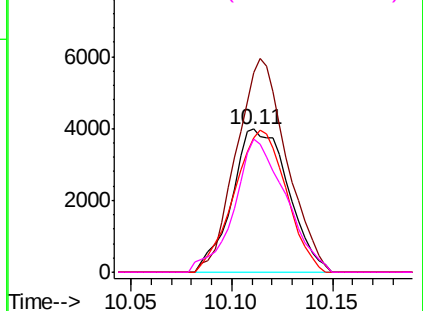


Abundance Ion 163.80 (163.50 to 164.50): V

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: 0.480 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. 0.28 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

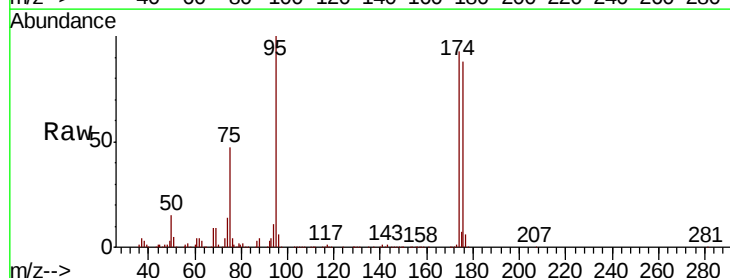
Tgt Ion:173 Resp: 4112

Ion Ratio Lower Upper

173 100

175 616.5 24.6 73.8#

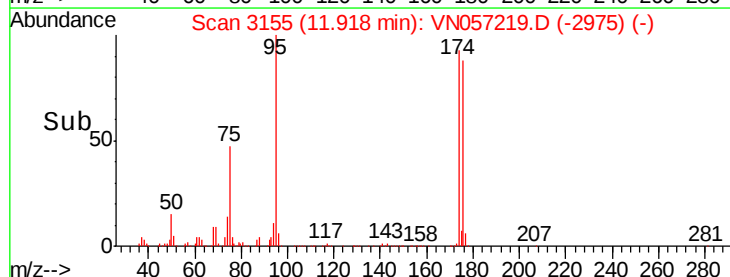
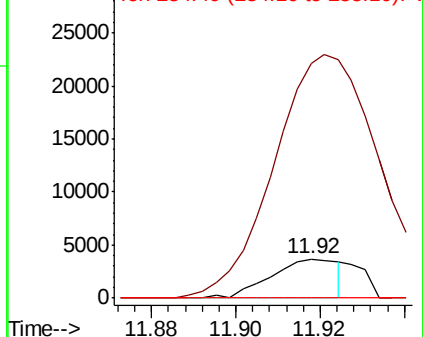
254 0.0 0.1 0.1#

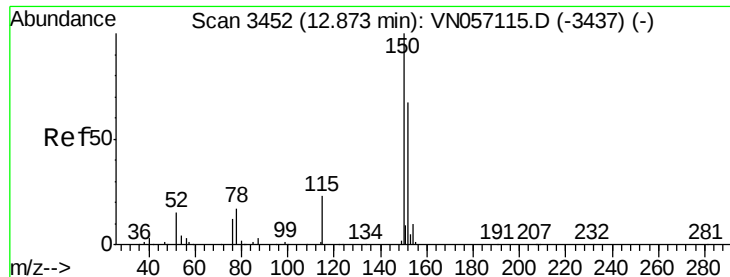


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB122154TB

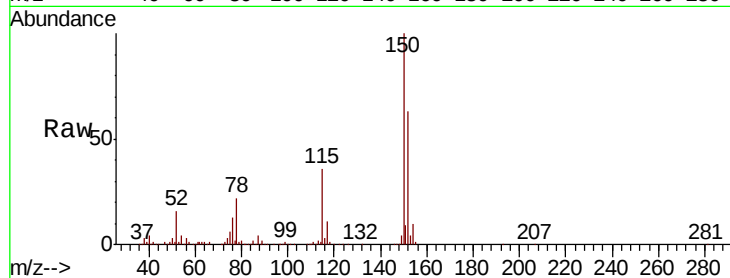
Tgt Ion:152 Resp: 401711

Ion Ratio Lower Upper

152 100

115 55.4 27.5 82.5

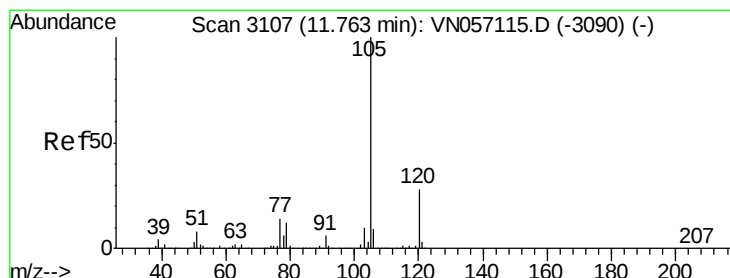
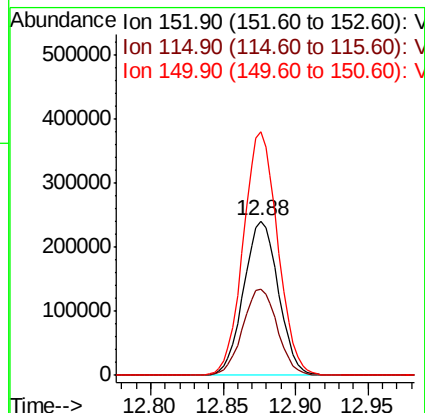
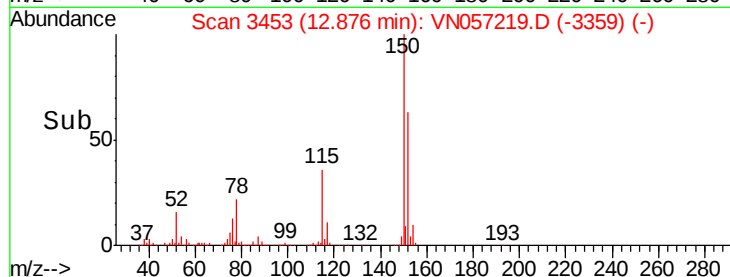
150 155.9 0.0 341.6



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# 3108

Delta R.T. 0.00 min

Lab File: VN057219.D

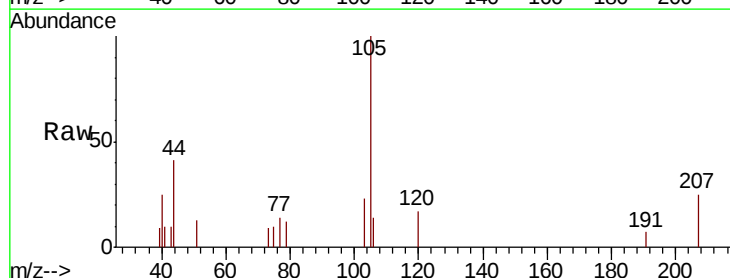
Acq: 12 Aug 2019 16:50

Tgt Ion:105 Resp: 3154

Ion Ratio Lower Upper

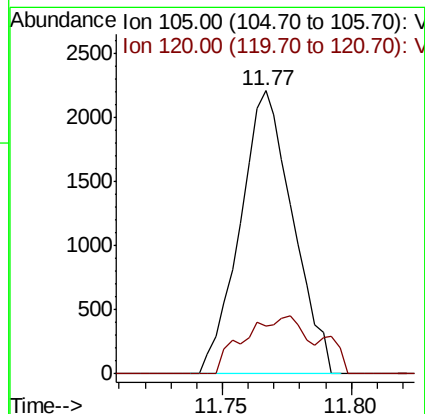
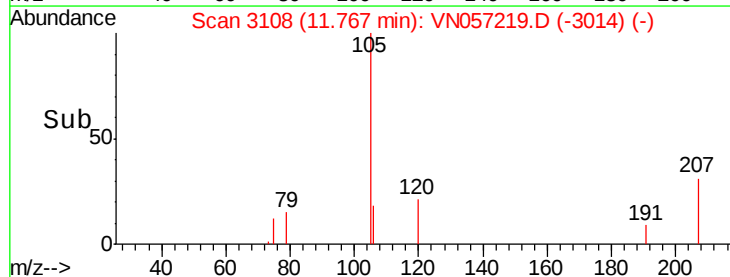
105 100

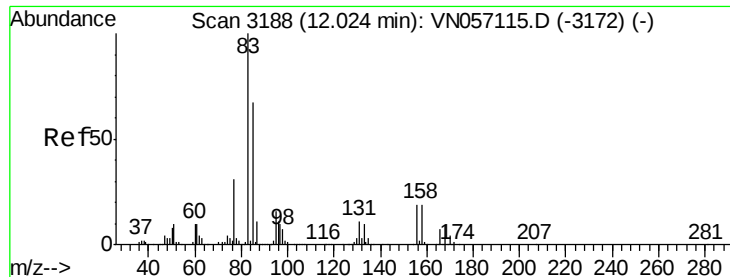
120 23.9 13.7 41.0



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# 3186

Delta R.T. -0.01 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB122154TB

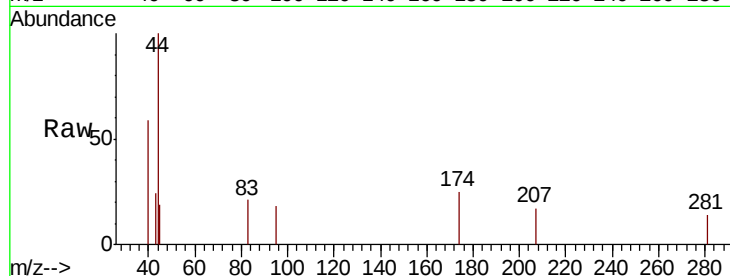
Tgt Ion: 83 Resp: 124

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 80.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN057115.D (-3172) (-)

Ion 130.80 (130.50 to 131.50): VN057115.D (-3172) (-)

Ion 84.90 (84.60 to 85.60): VN057115.D (-3172) (-)

12.02

250

200

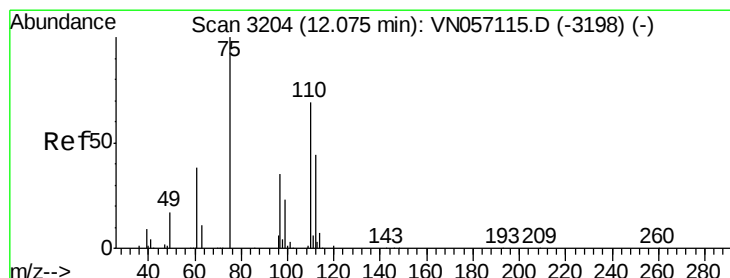
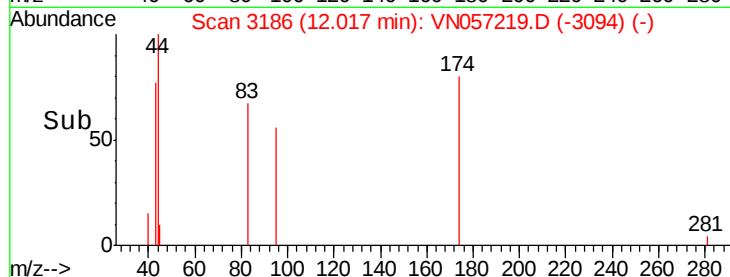
150

100

50

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 33.527 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057219.D

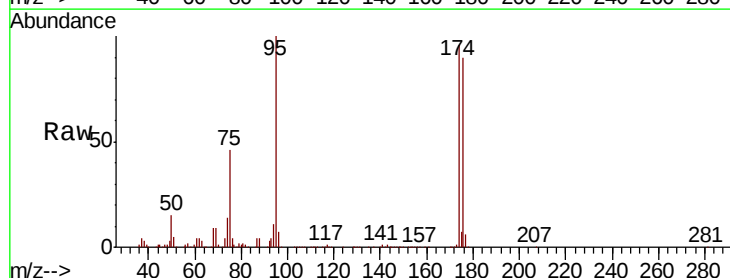
Acq: 12 Aug 2019 16:50

Tgt Ion: 75 Resp: 270527

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN057115.D (-3198) (-)

Ion 77.00 (76.70 to 77.70): VN057115.D (-3198) (-)

11.92

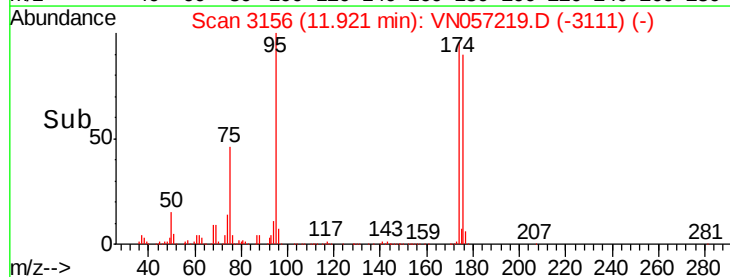
150000

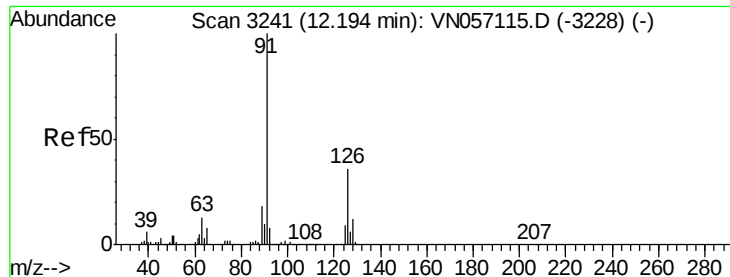
100000

50000

0

Time-->





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.19 min Scan# 3240

Delta R.T. -0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampled :

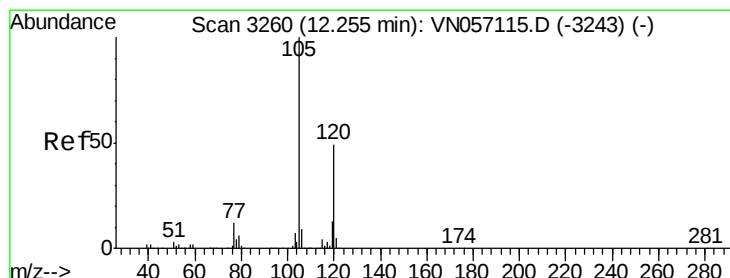
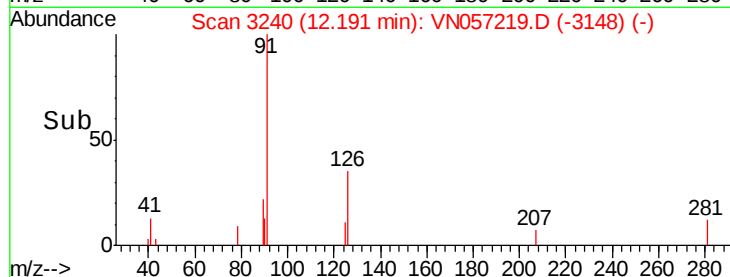
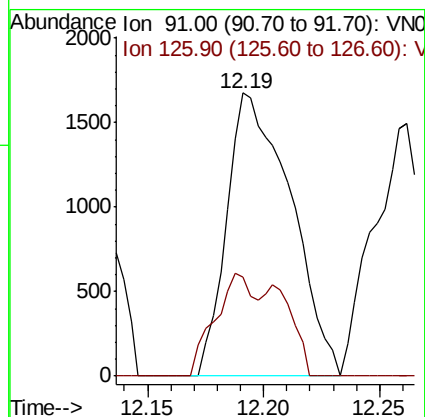
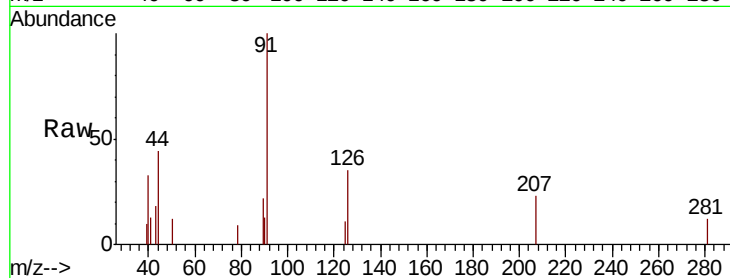
PB122154TB

Tgt Ion: 91 Resp: 3207

Ion Ratio Lower Upper

91 100

126 22.8 18.1 54.3



#80

1,3,5-Trimethylbenzene

Concen: 0.682 ug/l

RT: 12.26 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN057219.D

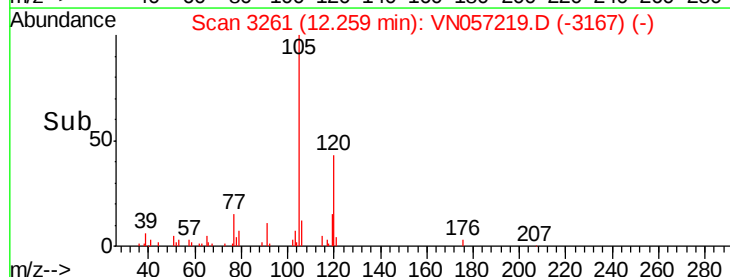
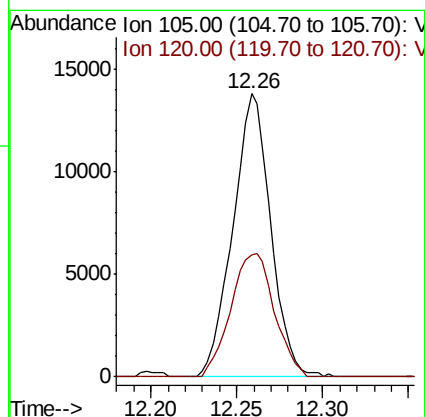
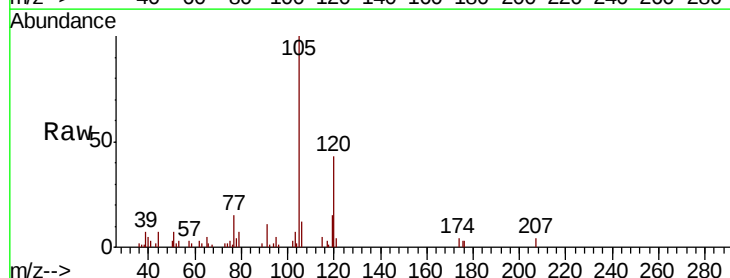
Acq: 12 Aug 2019 16:50

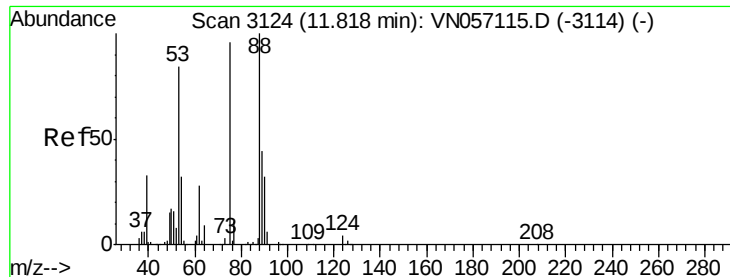
Tgt Ion: 105 Resp: 21150

Ion Ratio Lower Upper

105 100

120 50.0 24.6 73.6

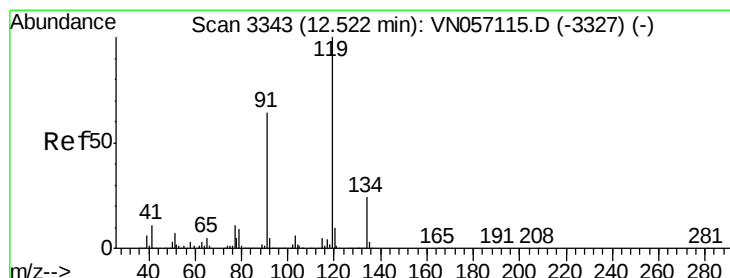
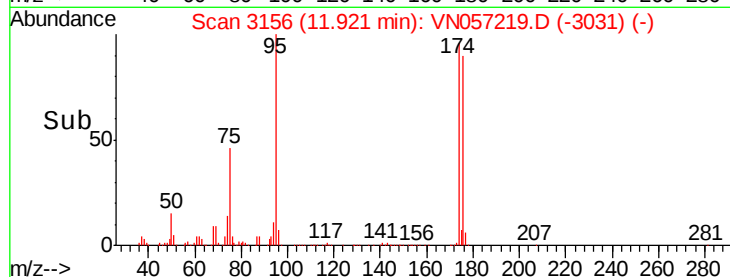
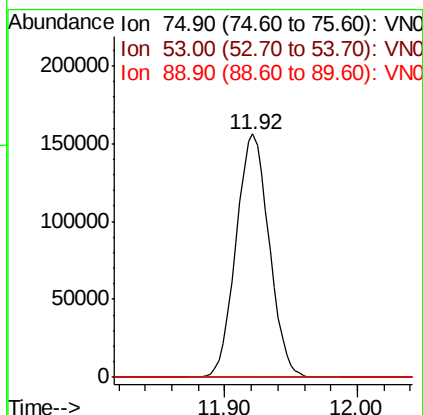
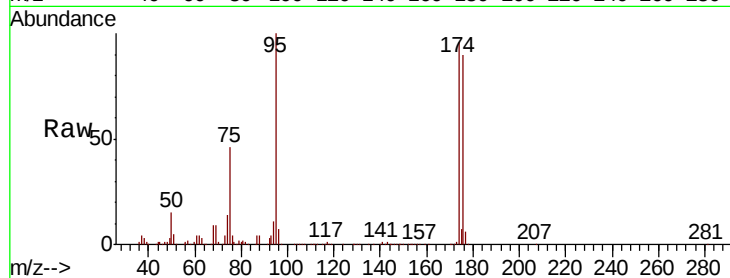




#81
trans-1,4-Dichloro-2-butene
Concen: 99.019 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.10 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

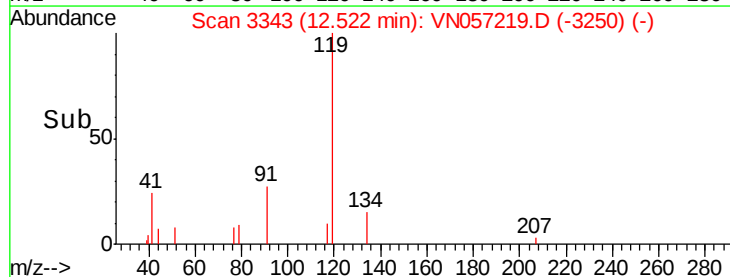
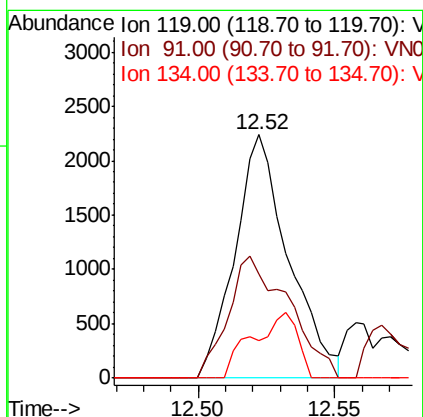
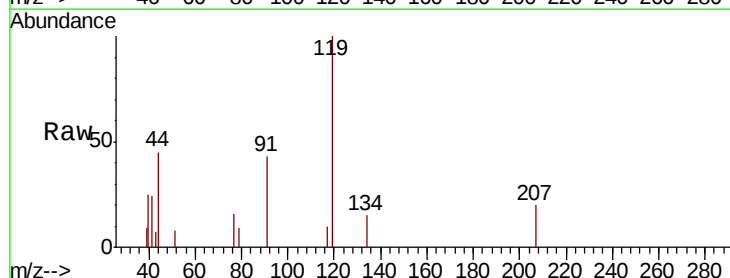
Instrument :
MSVOA_N
ClientSampleId :
PB122154TB

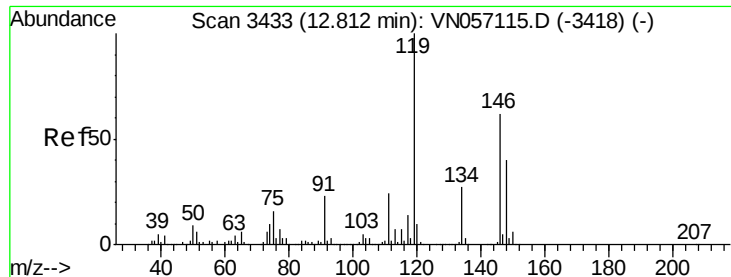
Tgt Ion: 75 Resp: 270527
Ion Ratio Lower Upper
75 100
53 0.0 70.6 106.0#
89 0.1 36.4 54.6#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.52 min Scan# 3343
Delta R.T. 0.00 min
Lab File: VN057219.D
Acq: 12 Aug 2019 16:50

Tgt Ion: 119 Resp: 3050
Ion Ratio Lower Upper
119 100
91 56.7 31.4 94.2
134 22.7 13.2 39.6

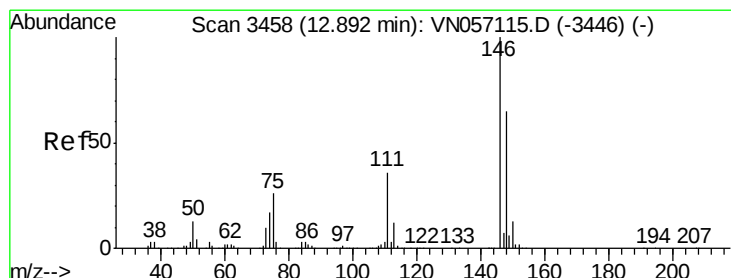
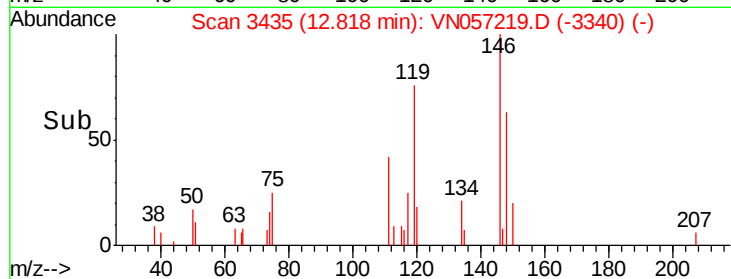
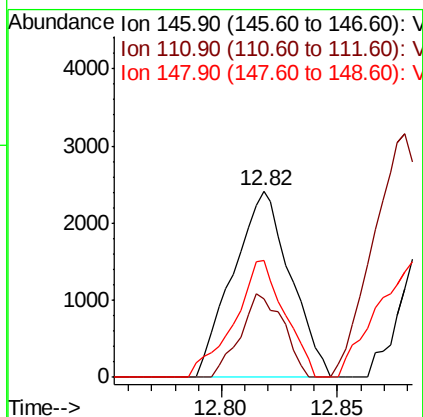
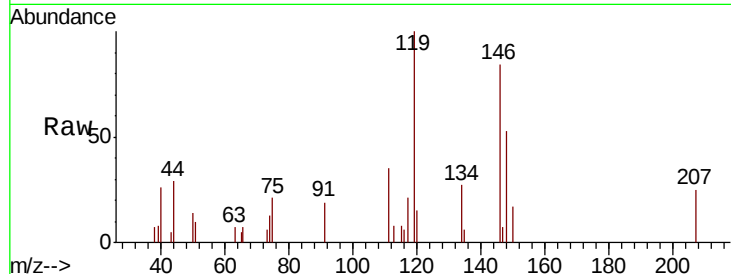




#87
 1,3-Dichlorobenzene
 Concen: 0.302 ug/l
 RT: 12.82 min Scan# 3435
 Delta R.T. 0.01 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

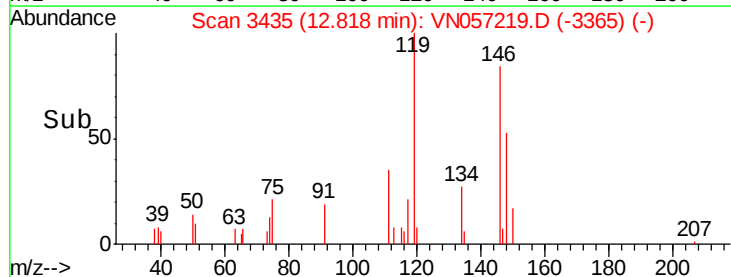
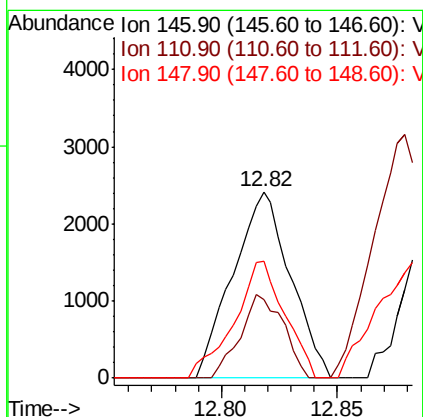
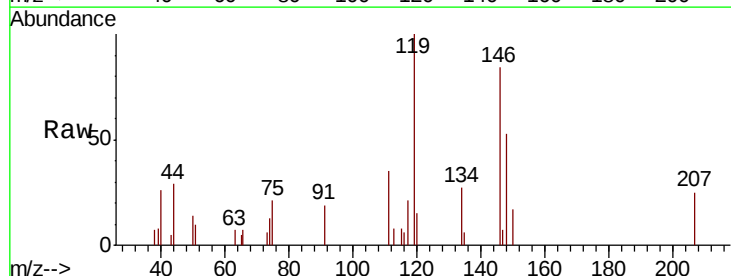
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122154TB

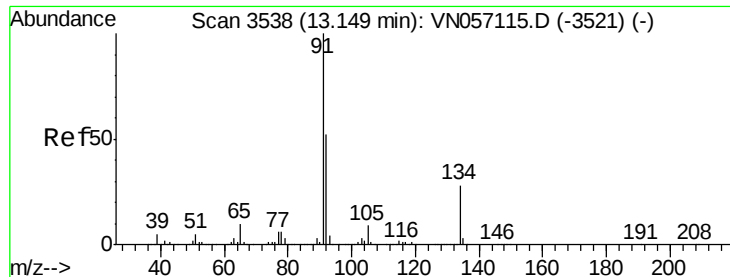
Tgt Ion:146 Resp: 4151
 Ion Ratio Lower Upper
 146 100
 111 33.3 18.8 56.4
 148 54.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 0.319 ug/l
 RT: 12.82 min Scan# 3435
 Delta R.T. -0.07 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

Tgt Ion:146 Resp: 4151
 Ion Ratio Lower Upper
 146 100
 111 33.3 18.2 54.6
 148 54.8 32.0 96.2





#89

n-Butylbenzene

Concen: 0.265 ug/l

RT: 13.15 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB122154TB

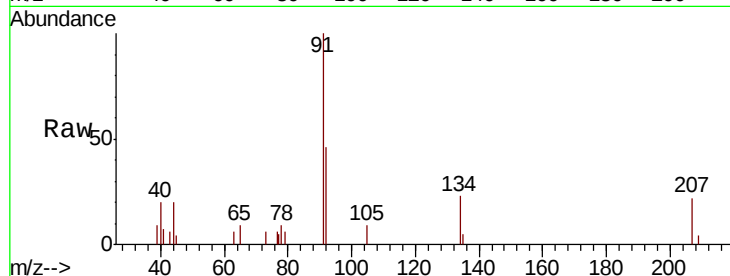
Tgt Ion: 91 Resp: 5629

Ion Ratio Lower Upper

91 100

92 49.2 26.5 79.4

134 21.7 14.1 42.3

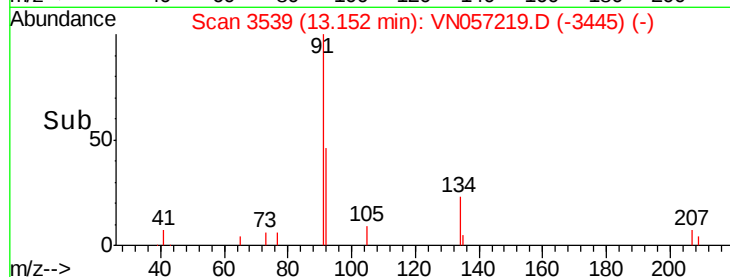


Abundance Ion 91.00 (90.70 to 91.70): VN057219.D (-3538) (-)

Ion 92.00 (91.70 to 92.70): VN057219.D (-3538) (-)

Ion 134.00 (133.70 to 134.70): VN057219.D (-3538) (-)

Time-->

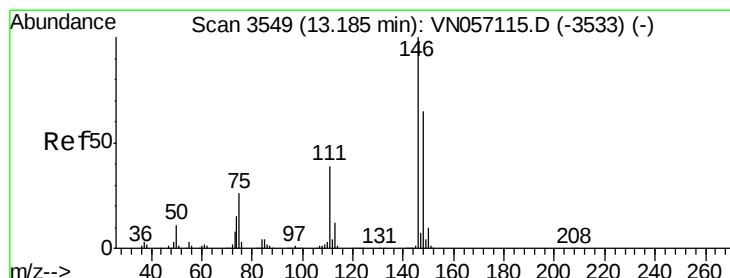


Abundance Ion 91.00 (90.70 to 91.70): VN057219.D (-3538) (-)

Ion 92.00 (91.70 to 92.70): VN057219.D (-3538) (-)

Ion 134.00 (133.70 to 134.70): VN057219.D (-3538) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.310 ug/l

RT: 13.19 min Scan# 3550

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

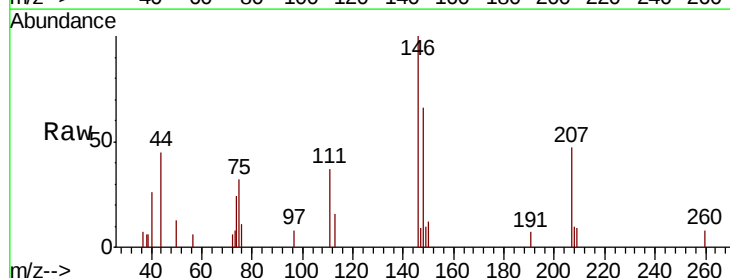
Tgt Ion: 146 Resp: 4260

Ion Ratio Lower Upper

146 100

111 24.4 19.2 57.6

148 64.4 32.4 97.0

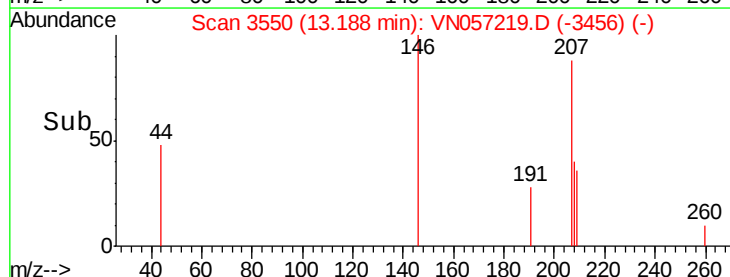


Abundance Ion 145.90 (145.60 to 146.60): VN057219.D (-3549) (-)

Ion 110.90 (110.60 to 111.60): VN057219.D (-3549) (-)

Ion 147.90 (147.60 to 148.60): VN057219.D (-3549) (-)

Time-->

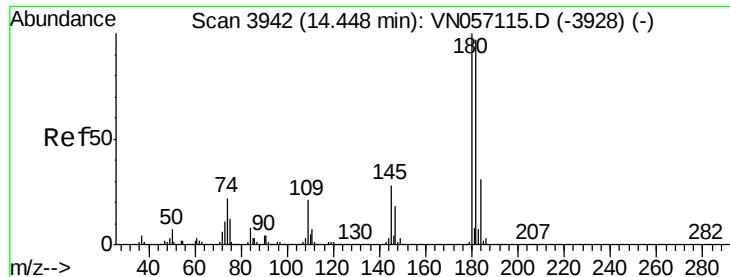


Abundance Ion 145.90 (145.60 to 146.60): VN057219.D (-3549) (-)

Ion 110.90 (110.60 to 111.60): VN057219.D (-3549) (-)

Ion 147.90 (147.60 to 148.60): VN057219.D (-3549) (-)

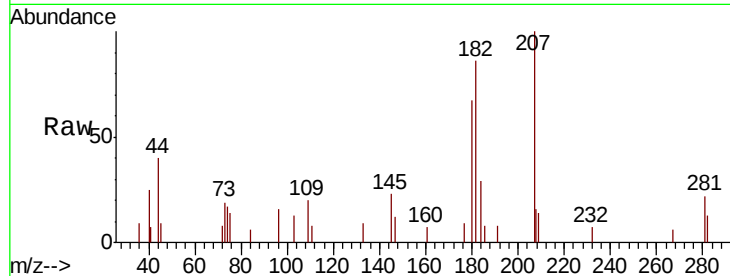
Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 6.358 ug/l
 RT: 14.45 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122154TB

Tgt Ion	Resp	Ratio	Lower	Upper
180	2826	100		
182	112.9	47.5	142.6	
145	35.2	14.1	42.2	

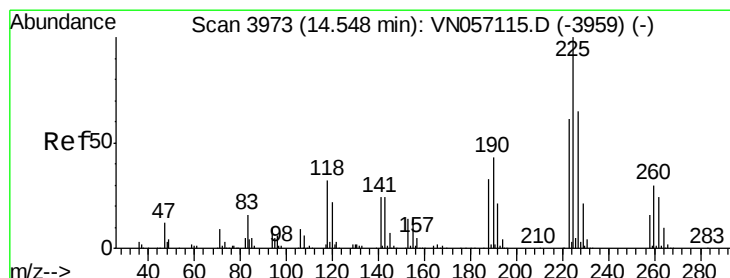
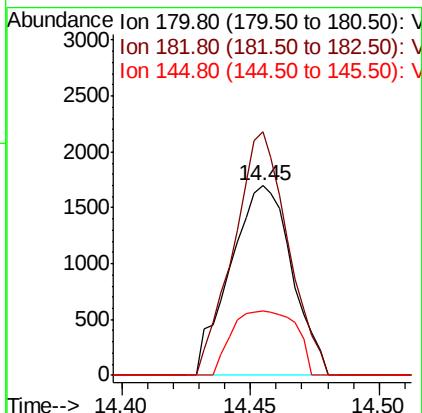
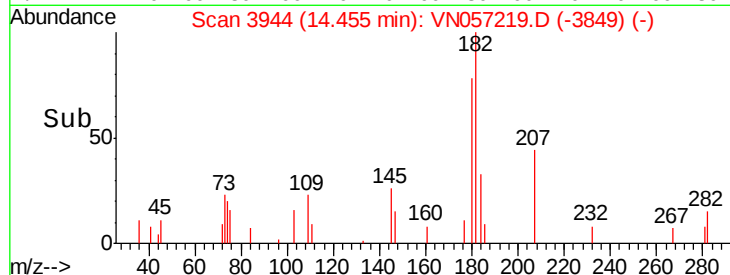


Abundance

Ion 179.80 (179.50 to 180.50): V

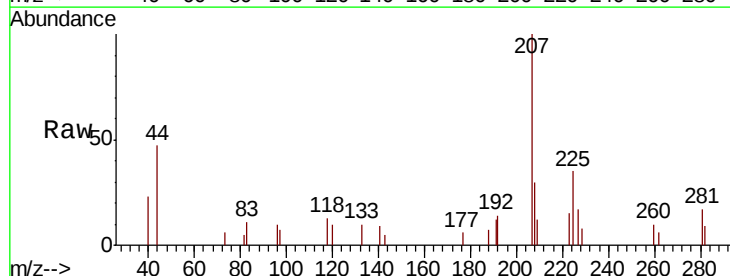
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 14.55 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VN057219.D
 Acq: 12 Aug 2019 16:50

Tgt Ion	Resp	Ratio	Lower	Upper
225	1442	100		
223	59.8	30.9	92.8	
227	55.9	32.4	97.0	

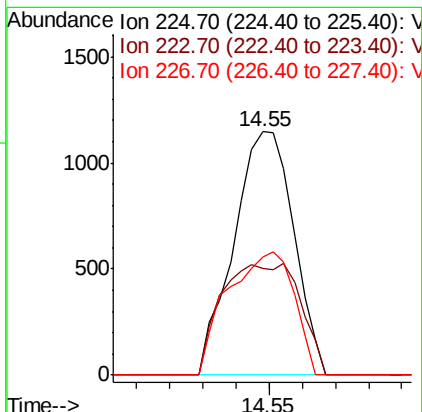
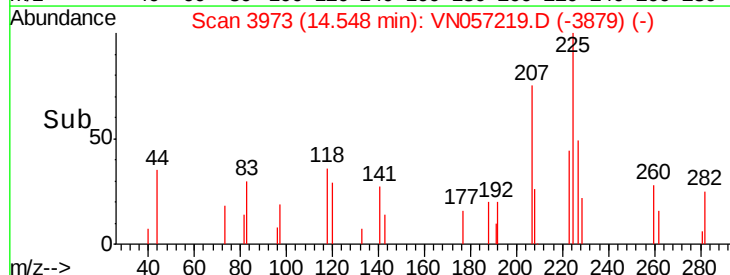


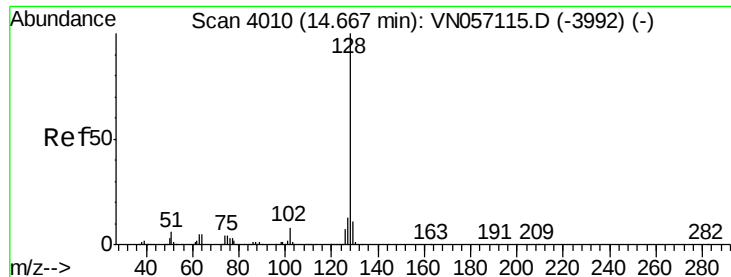
Abundance

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: 3.560 ug/l

RT: 14.67 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

Instrument :

MSVOA_N

ClientSampled :

PB122154TB

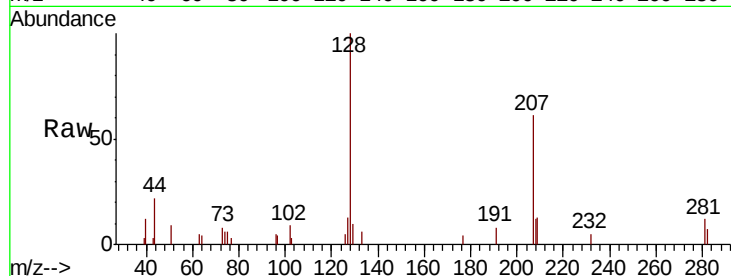
Tgt Ion:128 Resp: 7852

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

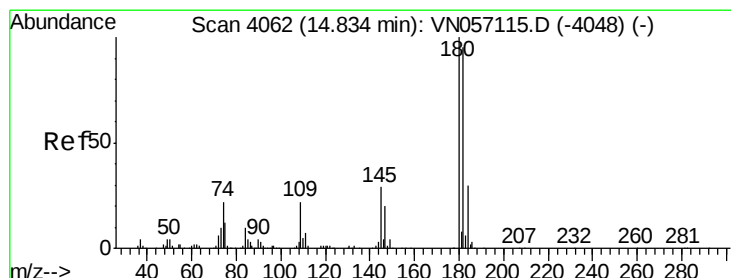
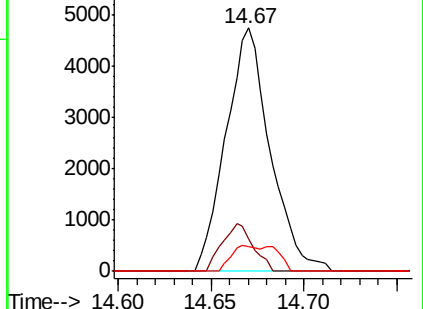
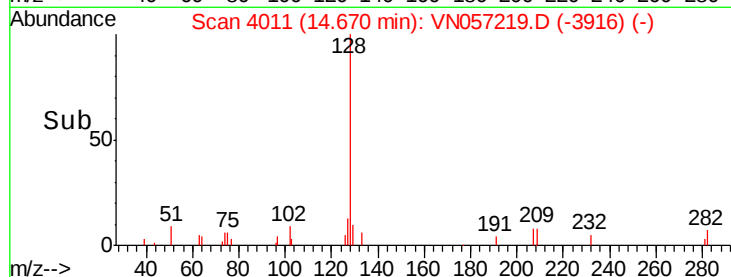
129 6.9 8.8 13.2#



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: 6.383 ug/l

RT: 14.84 min Scan# 4063

Delta R.T. 0.00 min

Lab File: VN057219.D

Acq: 12 Aug 2019 16:50

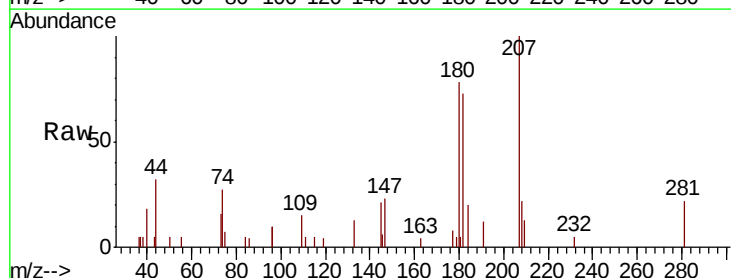
Tgt Ion:180 Resp: 4500

Ion Ratio Lower Upper

180 100

182 107.3 48.3 144.8

145 26.7 14.9 44.5



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

