

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
 Data File : VN057121.D
 Acq On : 8 Aug 2019 10:36
 Operator : JC/SP
 Sample : VN0808WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

Quant Time: Aug 09 03:11:48 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

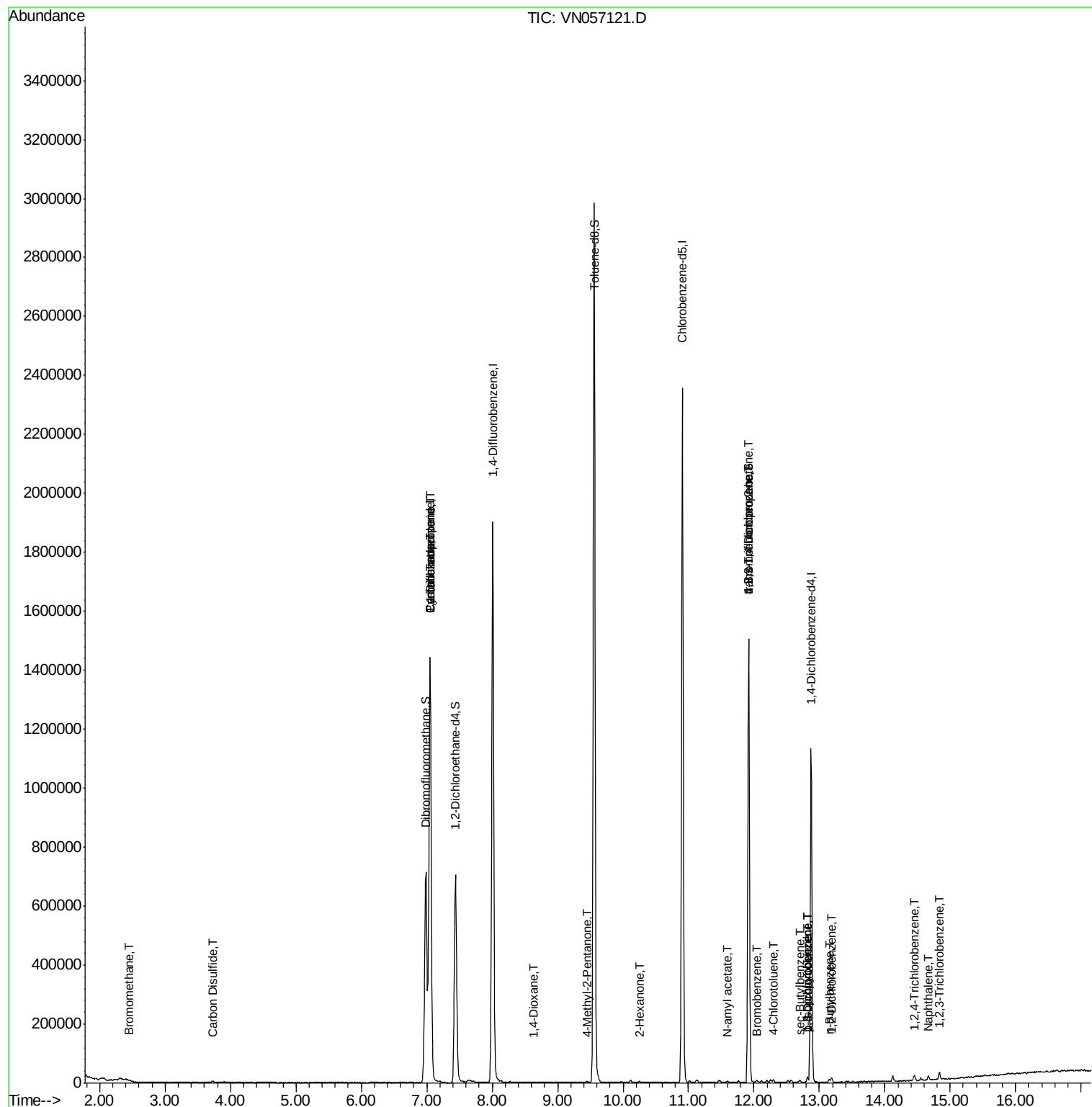
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1384554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1937068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1536822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	341623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	633154	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.94%	
35) Dibromofluoromethane	6.99	113	593864	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	9.56	98	2235880	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.92	95	550982	36.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.54%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.45	94	3040	0.326	ug/l	94
17) Carbon Disulfide	3.73	76	9390	0.300	ug/l #	92
18) Methyl Acetate	3.90	43	2574	Below Cal		91
31) Cyclohexane	7.05	56	20904	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	84416	5.293	ug/l #	49
38) Carbon Tetrachloride	7.05	117	114872	6.911	ug/l #	17
49) 1,4-Dioxane	8.63	88	140	0.650	ug/l #	33
51) 4-Methyl-2-Pentanone	9.45	43	3604	0.276	ug/l #	71
59) 2-Hexanone	10.24	43	5777	0.654	ug/l #	32
73) Isopropylbenzene	11.76	105	4052	Below Cal		91
74) N-aryl acetate	11.59	43	2361	0.273	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.02	83	948	Below Cal	#	71
76) 1,2,3-Trichloropropane	11.92	75	250836	36.839	ug/l #	100
77) Bromobenzene	12.05	156	2401	0.292	ug/l	78
79) 2-Chlorotoluene	12.19	91	4695	Below Cal		95
81) trans-1,4-Dichloro-2-buten	11.92	75	250836	107.960	ug/l #	14
82) 4-Chlorotoluene	12.30	91	7393	0.390	ug/l	72
83) tert-Butylbenzene	12.52	119	3978	Below Cal		92
85) sec-Butylbenzene	12.71	105	6456	0.217	ug/l #	66
86) p-Isopropyltoluene	12.82	119	5852	0.224	ug/l	96
87) 1,3-Dichlorobenzene	12.81	146	5470	0.468	ug/l	100
88) 1,4-Dichlorobenzene	12.81	146	5470	0.494	ug/l	99
89) n-Butylbenzene	13.15	91	6741	0.374	ug/l	91
90) Hexachloroethane	13.40	117	65	Below Cal	#	1
91) 1,2-Dichlorobenzene	13.19	146	7613	0.652	ug/l	91
93) 1,2,4-Trichlorobenzene	14.45	180	7681	7.298	ug/l	86
94) Hexachlorobutadiene	14.55	225	1624	Below Cal		85
95) Naphthalene	14.67	128	11629	4.120	ug/l	97
96) 1,2,3-Trichlorobenzene	14.83	180	10122	7.472	ug/l	98

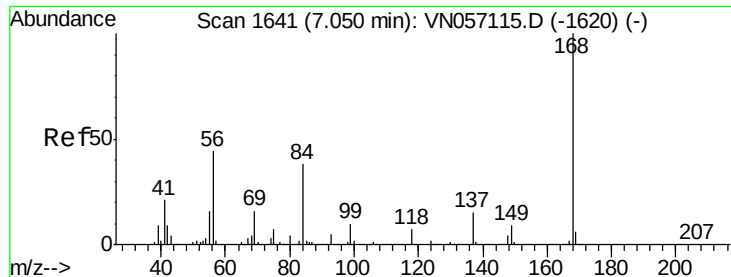
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
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QLast Update : Thu Aug 08 06:49:25 2019
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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: VN057121.D

Acq: 8 Aug 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

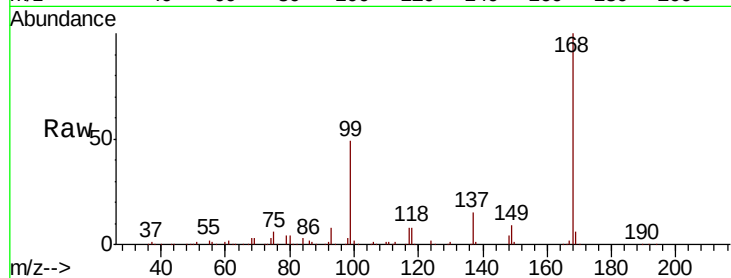
VN0808WBL01

Tgt Ion:168 Resp: 1384554

Ion Ratio Lower Upper

168 100

99 48.8 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057121.D (-1548) (-)

Ion 98.90 (98.60 to 99.60): VN057121.D (-1548) (-)

7.05

600000

500000

400000

300000

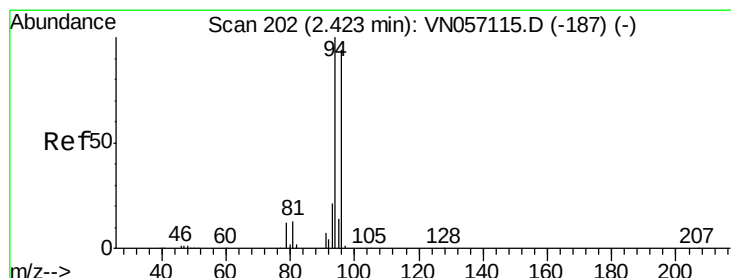
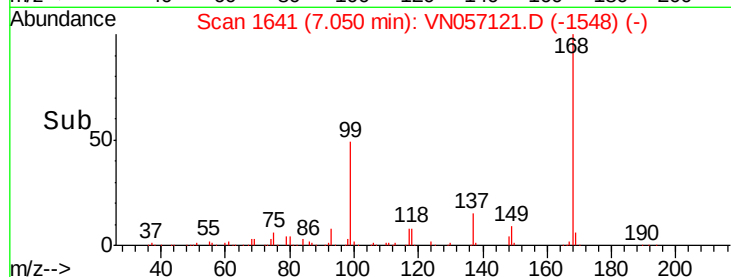
200000

100000

0

7.00 7.10

Time-->



#5

Bromomethane

Concen: 0.326 ug/l

RT: 2.45 min Scan# 211

Delta R.T. 0.03 min

Lab File: VN057121.D

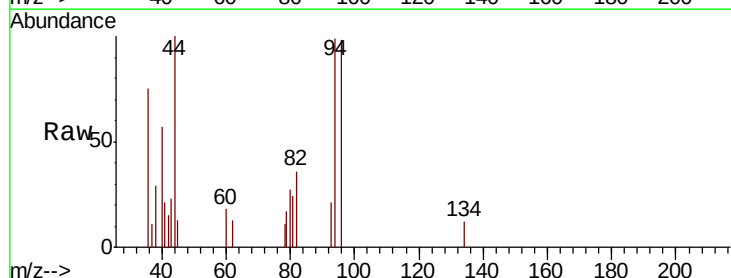
Acq: 8 Aug 2019 10:36

Tgt Ion: 94 Resp: 3040

Ion Ratio Lower Upper

94 100

96 99.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN057121.D (-108) (-)

Ion 95.90 (95.60 to 96.60): VN057121.D (-108) (-)

2.45

1500

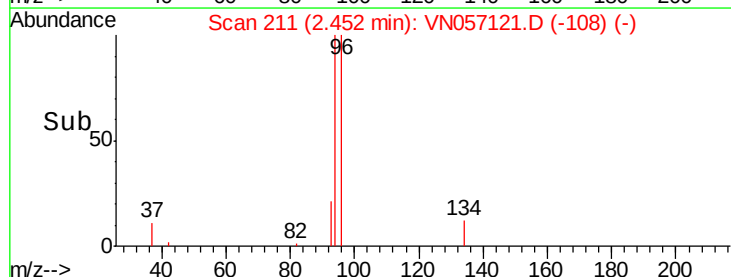
1000

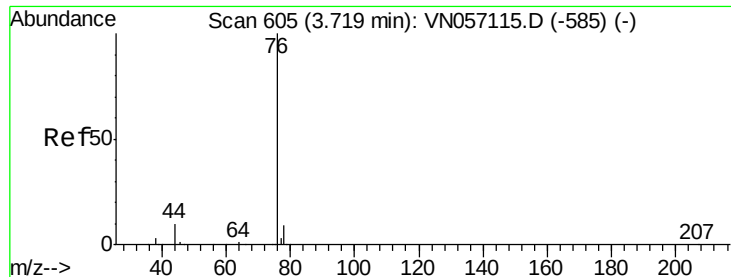
500

0

2.40 2.45 2.50

Time-->

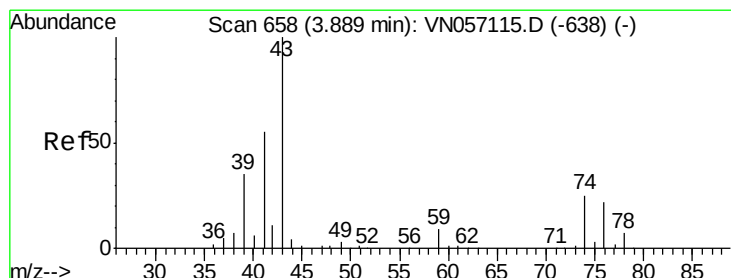
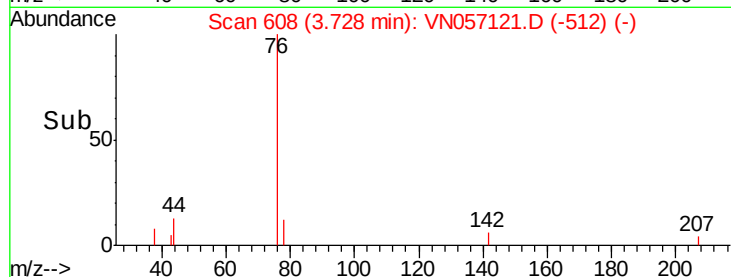
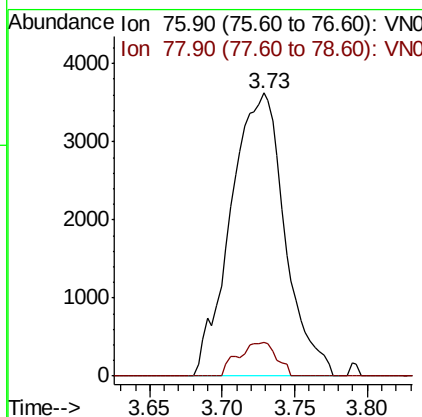
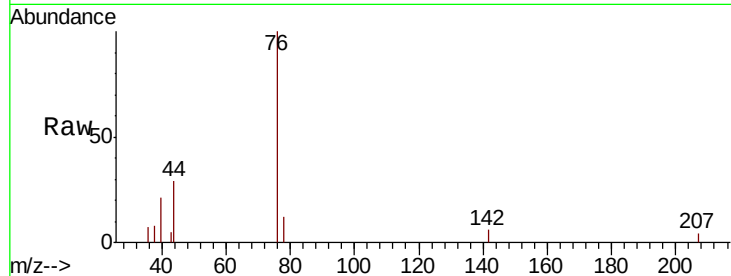




#17
Carbon Disulfide
Concen: 0.300 ug/l
RT: 3.73 min Scan# 608
Delta R.T. 0.01 min
Lab File: VN057121.D
Acq: 8 Aug 2019 10:36

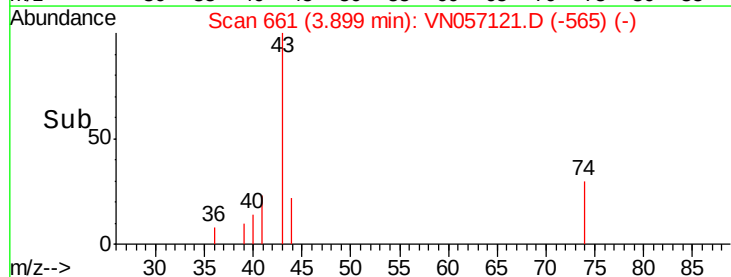
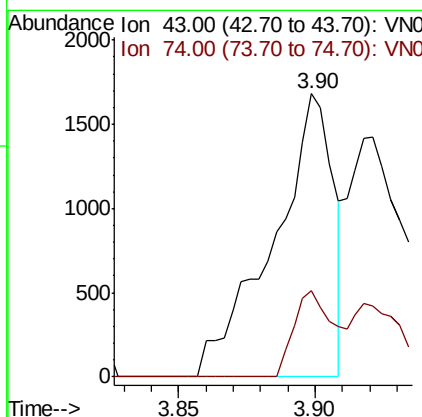
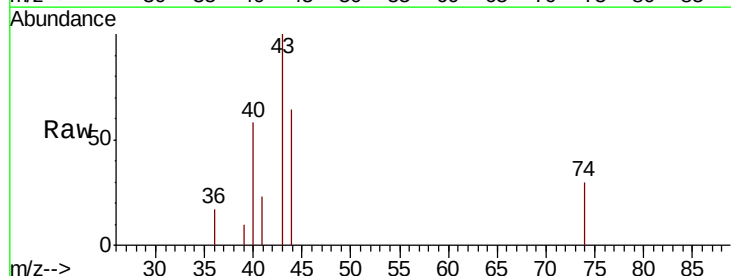
Instrument :
MSVOA_N
ClientSampled :
VN0808WBL01

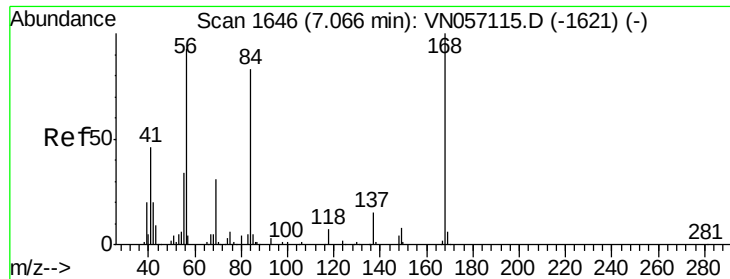
Tgt Ion: 76 Resp: 9390
Ion Ratio Lower Upper
76 100
78 11.8 7.0 10.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 3.90 min Scan# 661
Delta R.T. 0.01 min
Lab File: VN057121.D
Acq: 8 Aug 2019 10:36

Tgt Ion: 43 Resp: 2574
Ion Ratio Lower Upper
43 100
74 20.8 20.2 30.4





#31

Cyclohexane

Concen: 1.012 ug/l

RT: 7.05 min Scan# 1640

Delta R.T. -0.02 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBL01

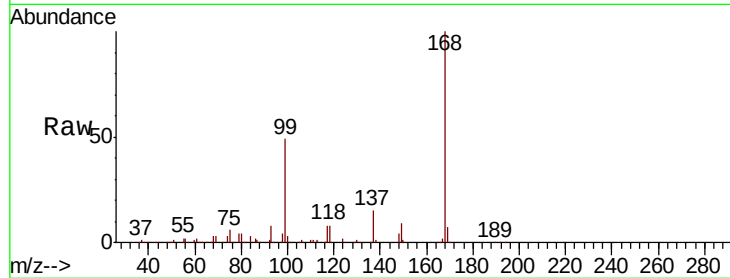
Tgt Ion: 56 Resp: 20904

Ion Ratio Lower Upper

56 100

69 197.6 26.9 40.3#

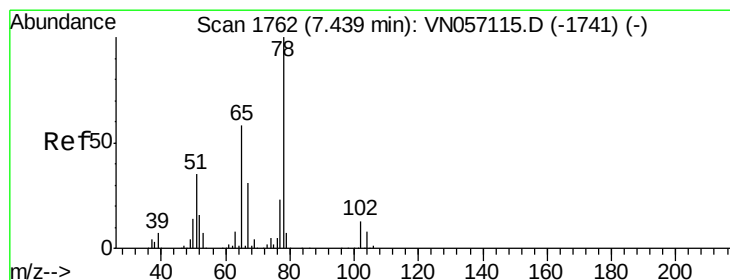
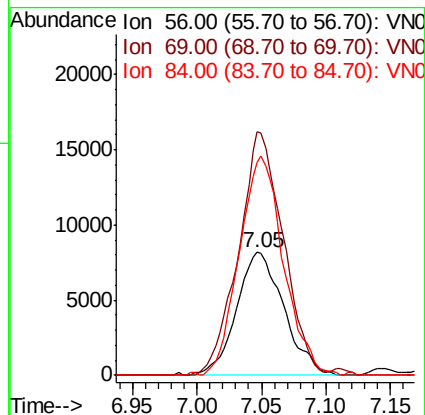
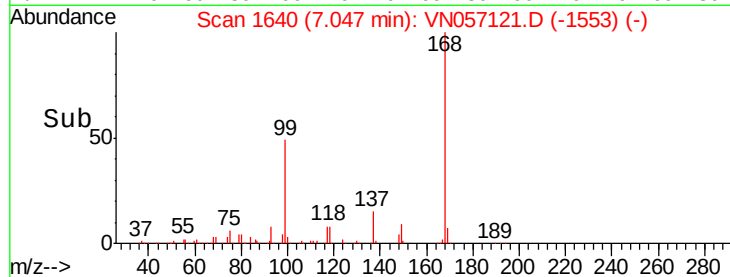
84 173.3 71.9 107.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 44.466 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057121.D

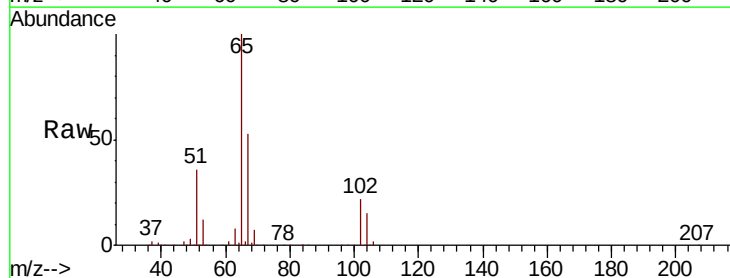
Acq: 8 Aug 2019 10:36

Tgt Ion: 65 Resp: 633154

Ion Ratio Lower Upper

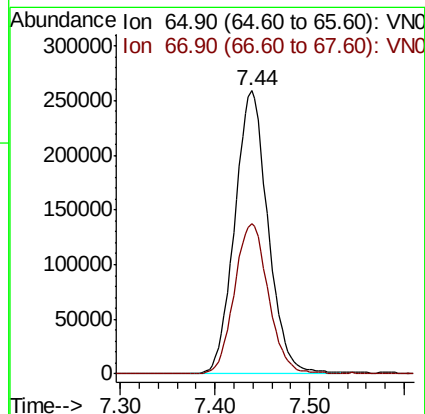
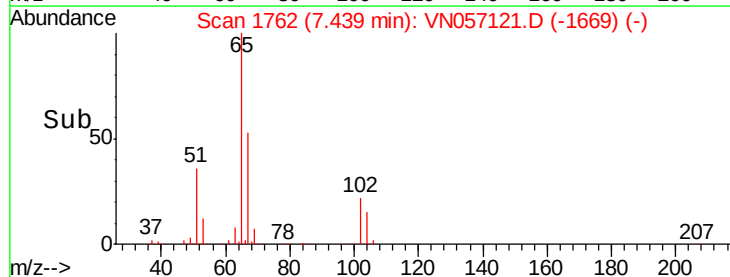
65 100

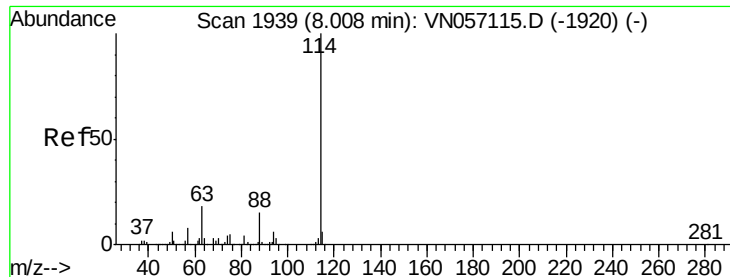
67 54.2 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

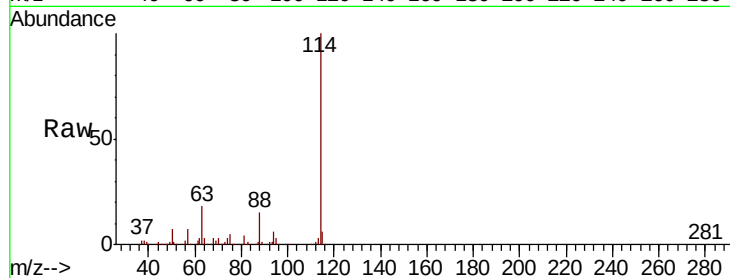




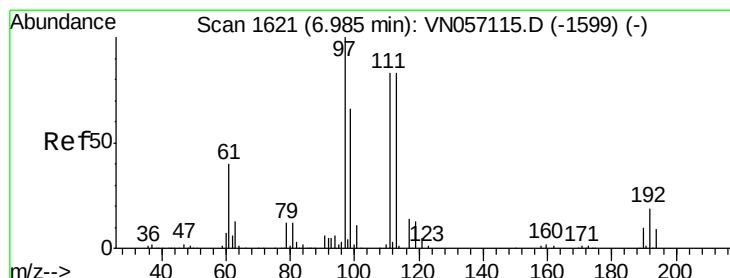
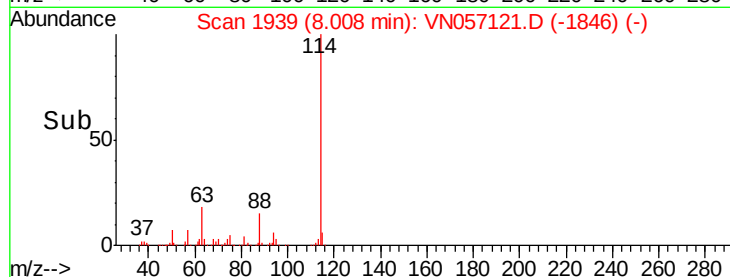
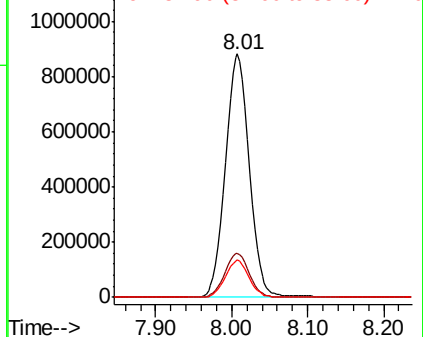
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057121.D
 Acq: 8 Aug 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

Tgt Ion:114 Resp: 1937068
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.2
 88 15.5 0.0 30.0

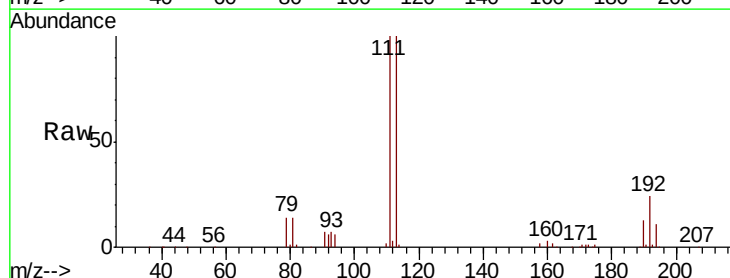


Abundance Ion 113.90 (113.60 to 114.60): V
 1200000
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

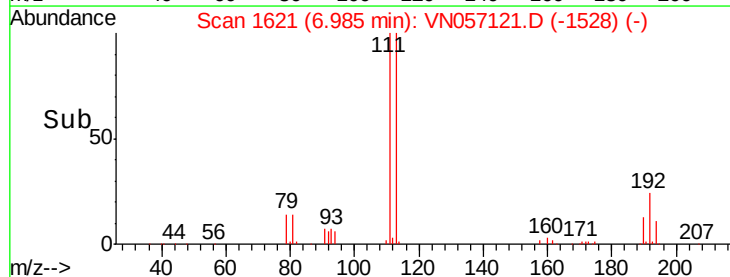
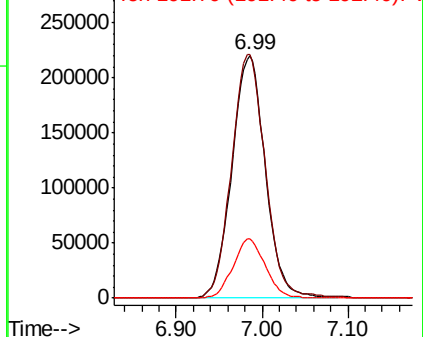


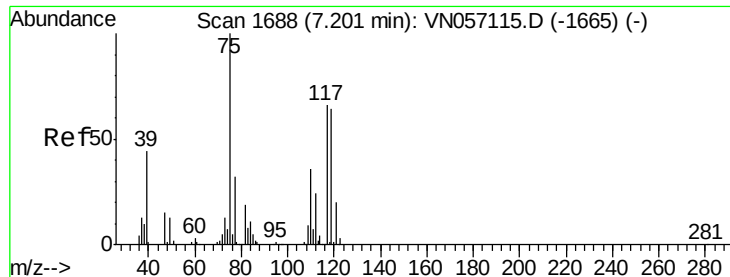
#35
 Dibromofluoromethane
 Concen: 48.856 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057121.D
 Acq: 8 Aug 2019 10:36

Tgt Ion:113 Resp: 593864
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.3 121.9
 192 23.5 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V
 300000
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

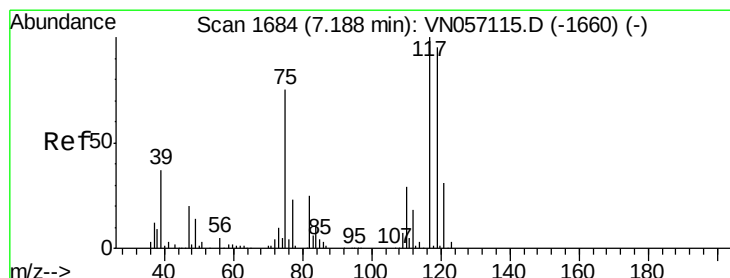
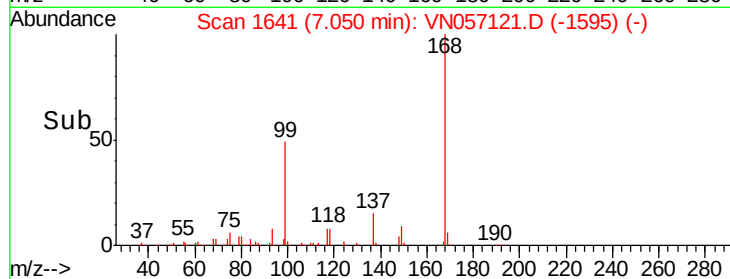
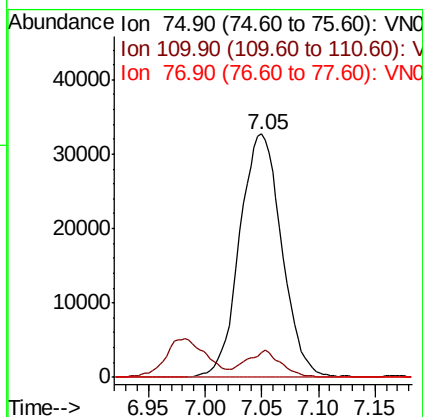
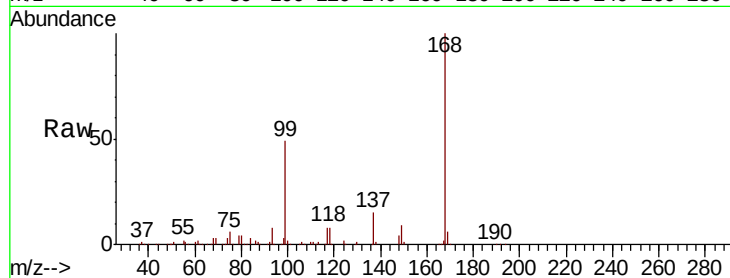




#36
 1,1-Dichloropropene
 Concen: 5.293 ug/l
 RT: 7.05 min Scan# 1641
 Delta R.T. -0.15 min
 Lab File: VN057121.D
 Acq: 8 Aug 2019 10:36

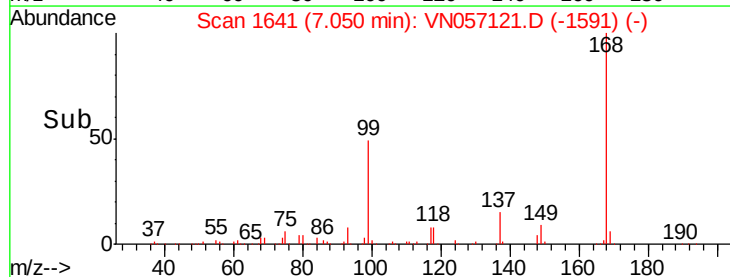
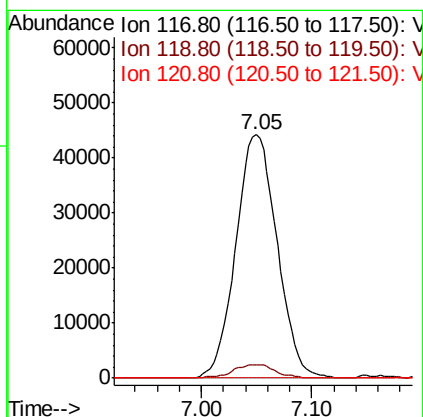
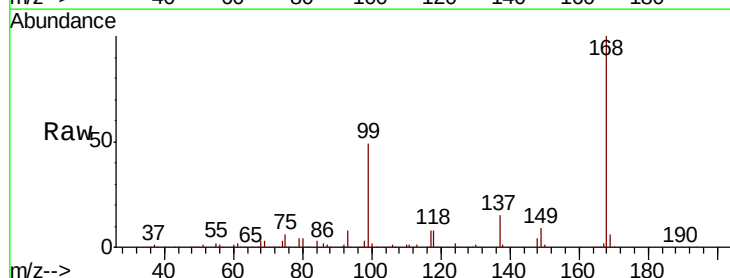
Instrument :
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 ClientSampleId :
 VN0808WBL01

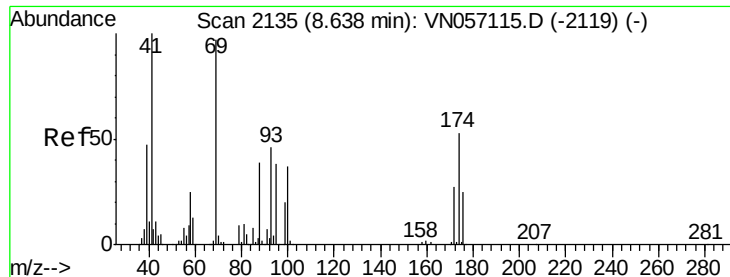
Tgt Ion: 75 Resp: 84416
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.7 56.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.911 ug/l
 RT: 7.05 min Scan# 1641
 Delta R.T. -0.14 min
 Lab File: VN057121.D
 Acq: 8 Aug 2019 10:36

Tgt Ion: 117 Resp: 114872
 Ion Ratio Lower Upper
 117 100
 119 5.7 75.8 113.6#
 121 0.0 24.4 36.6#

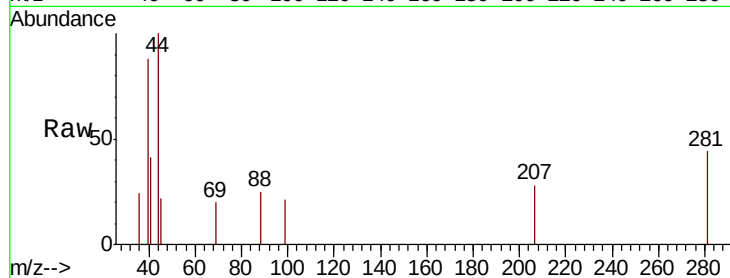




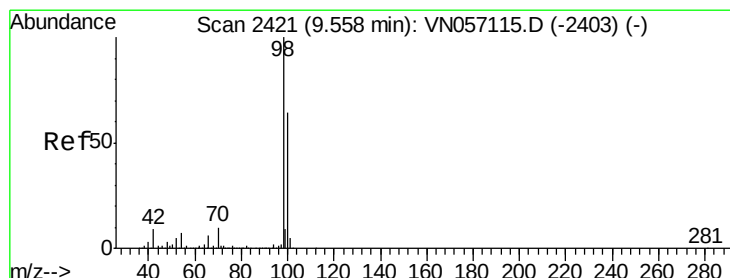
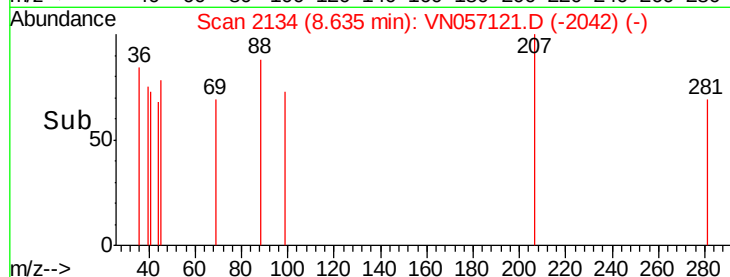
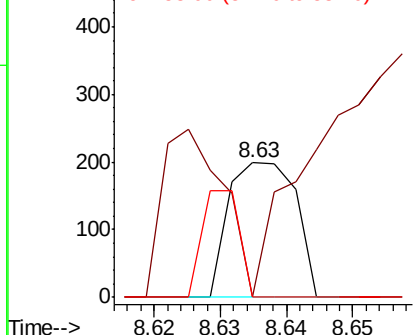
#49
1,4-Dioxane
Concen: 0.650 ug/l
RT: 8.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: VN057121.D
Acq: 8 Aug 2019 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

Tgt Ion: 88 Resp: 140
Ion Ratio Lower Upper
88 100
43 112.1 21.7 32.5#
58 43.6 51.1 76.7#

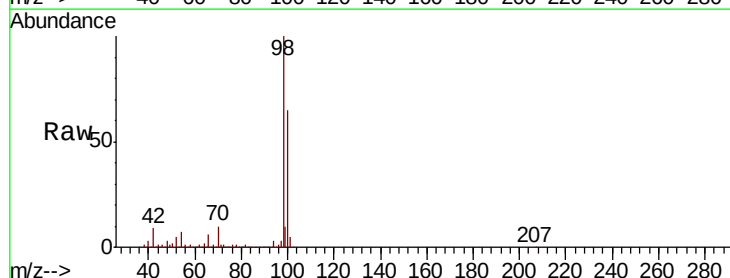


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

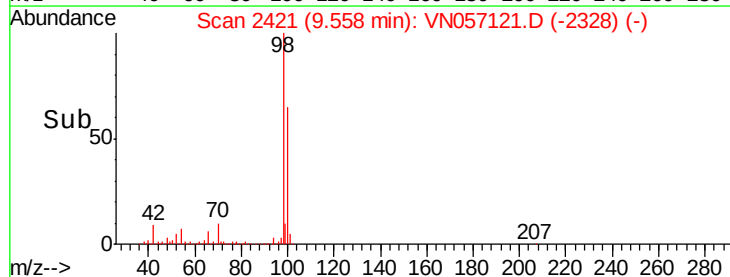
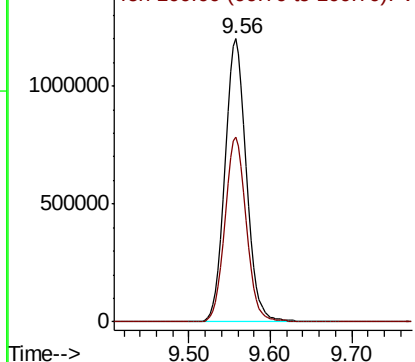


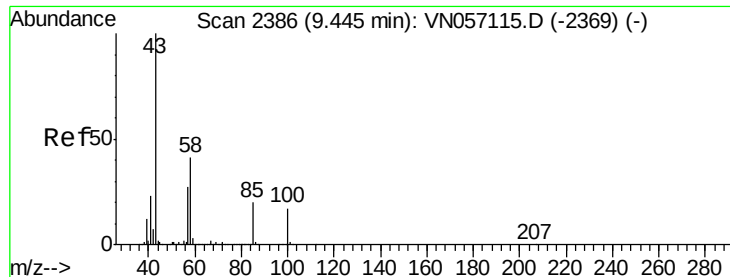
#50
Toluene-d8
Concen: 48.079 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057121.D
Acq: 8 Aug 2019 10:36

Tgt Ion: 98 Resp: 2235880
Ion Ratio Lower Upper
98 100
100 65.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

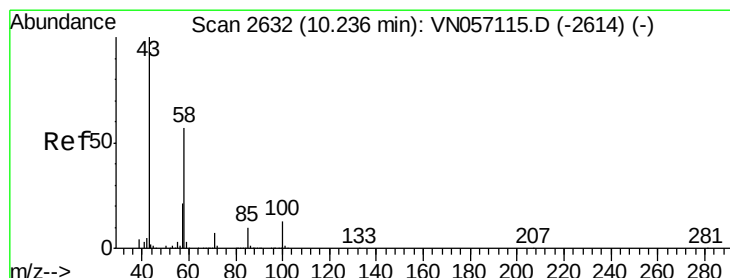
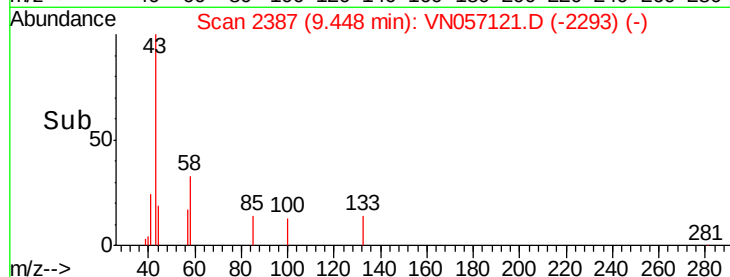
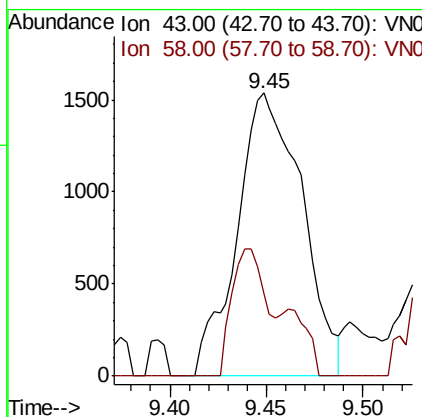
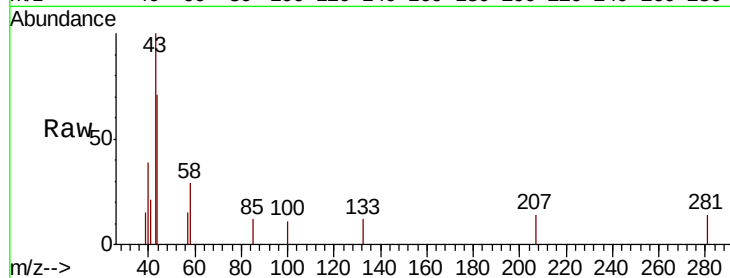




#51
 4-Methyl-2-Pentanone
 Concen: 0.276 ug/l
 RT: 9.45 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: VN057121.D
 Acq: 8 Aug 2019 10:36

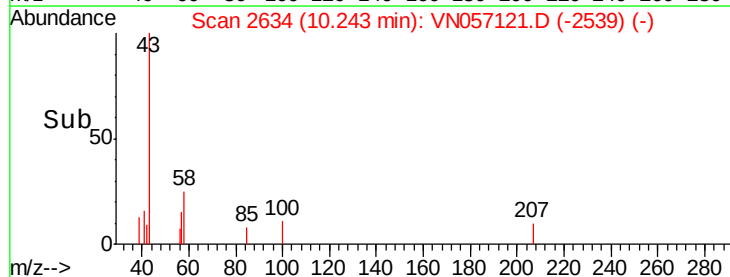
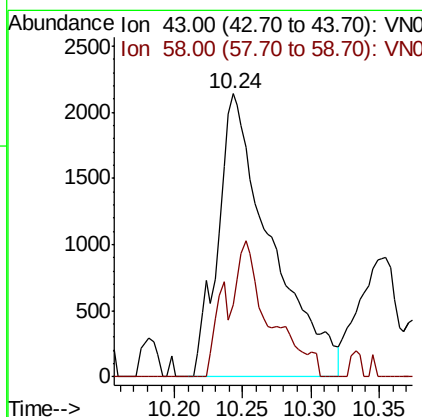
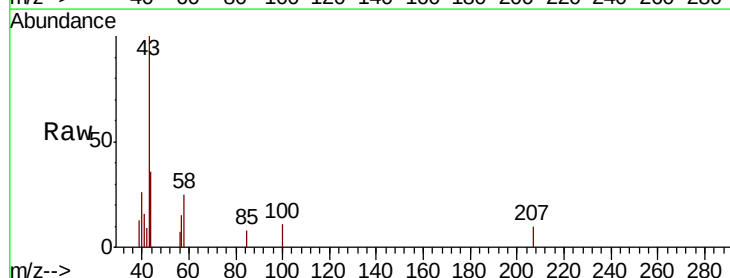
Instrument :
 MSVOA_N
 ClientSampled :
 VN0808WBL01

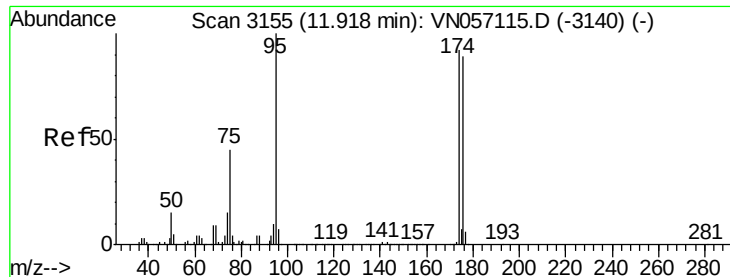
Tgt Ion: 43 Resp: 3604
 Ion Ratio Lower Upper
 43 100
 58 23.5 33.2 49.8#



#59
 2-Hexanone
 Concen: 0.654 ug/l
 RT: 10.24 min Scan# 2634
 Delta R.T. 0.01 min
 Lab File: VN057121.D
 Acq: 8 Aug 2019 10:36

Tgt Ion: 43 Resp: 5777
 Ion Ratio Lower Upper
 43 100
 58 8.0 29.2 87.6#





#62

4-Bromofluorobenzene

Concen: 36.771 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBL01

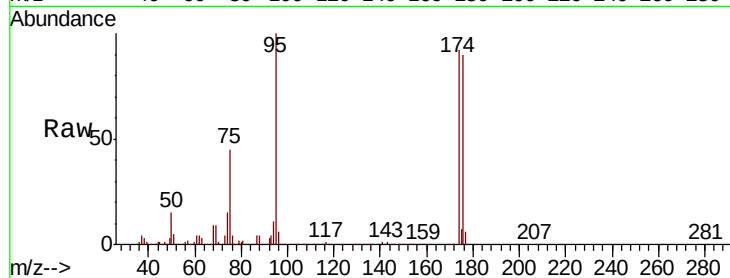
Tgt Ion: 95 Resp: 550982

Ion Ratio Lower Upper

95 100

174 94.6 0.0 185.0

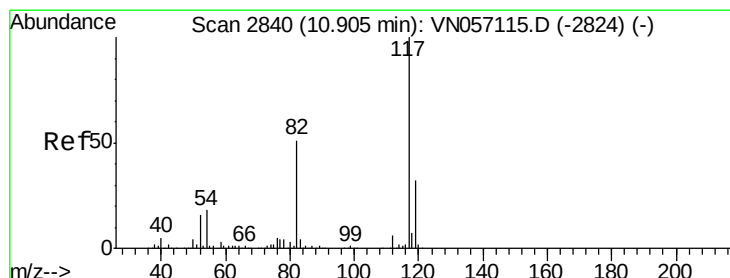
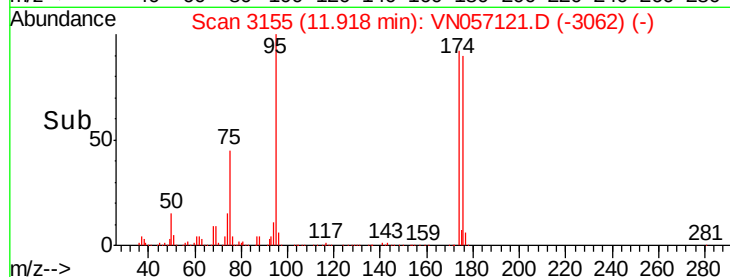
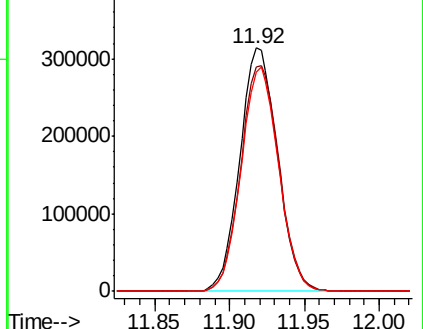
176 91.7 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

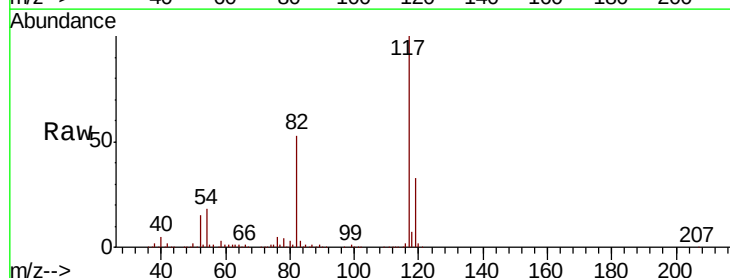
Tgt Ion: 117 Resp: 1536822

Ion Ratio Lower Upper

117 100

82 52.8 40.8 61.2

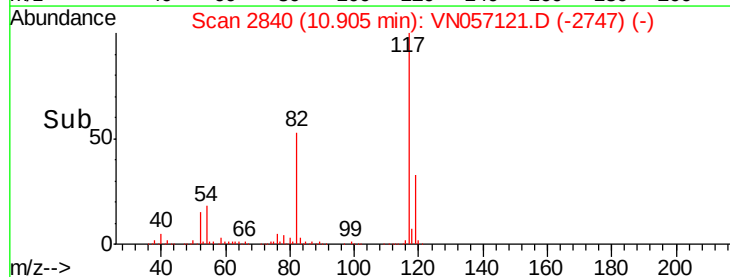
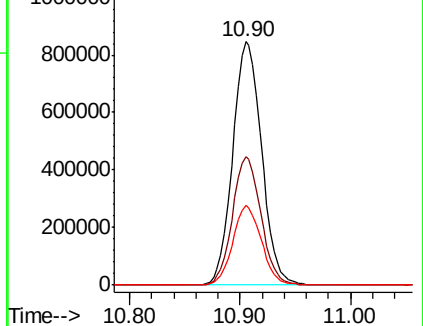
119 32.5 25.7 38.5

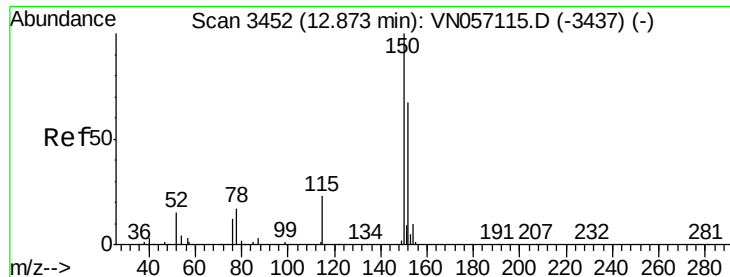


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

Instrument :

MSVOA_N

ClientSampled :

VN0808WBL01

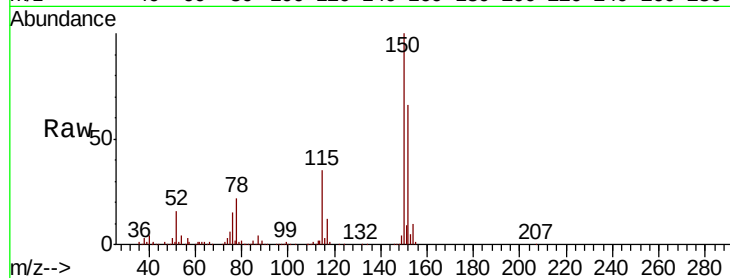
Tgt Ion:152 Resp: 341623

Ion Ratio Lower Upper

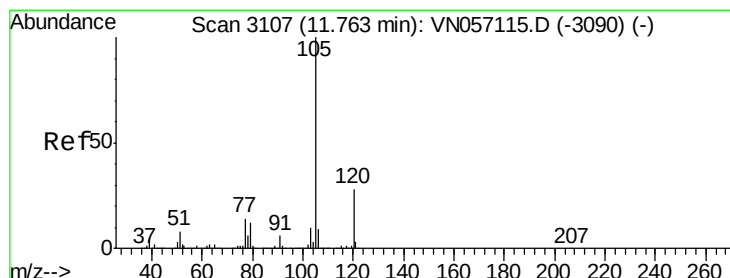
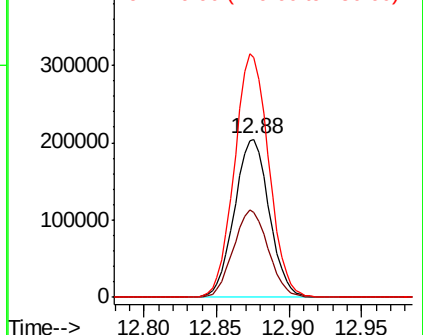
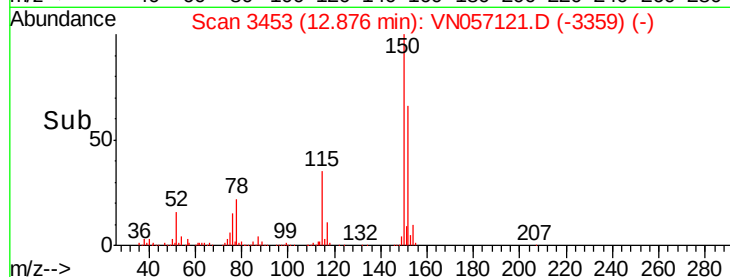
152 100

115 54.9 27.5 82.5

150 151.5 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: 11.76 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VN057121.D

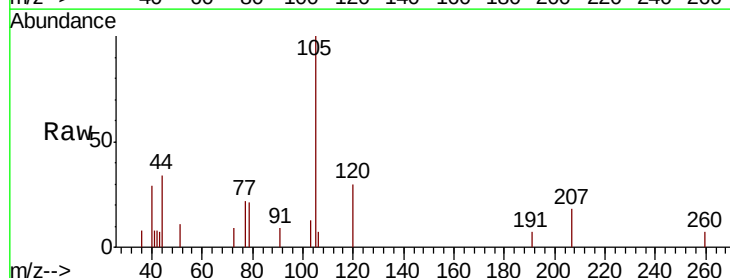
Acq: 8 Aug 2019 10:36

Tgt Ion:105 Resp: 4052

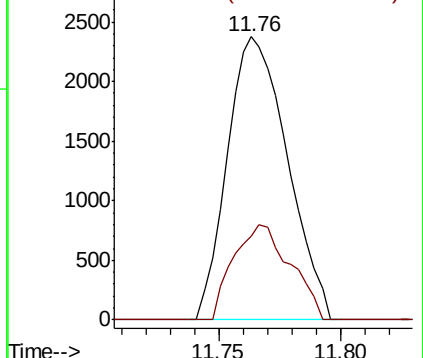
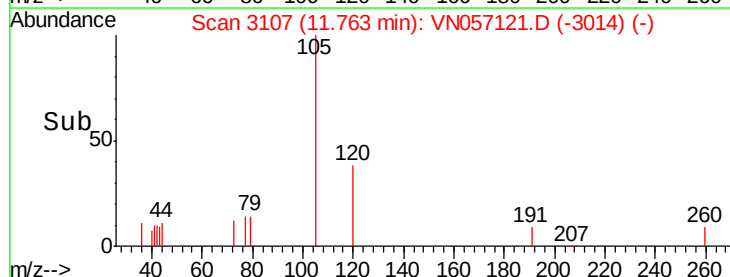
Ion Ratio Lower Upper

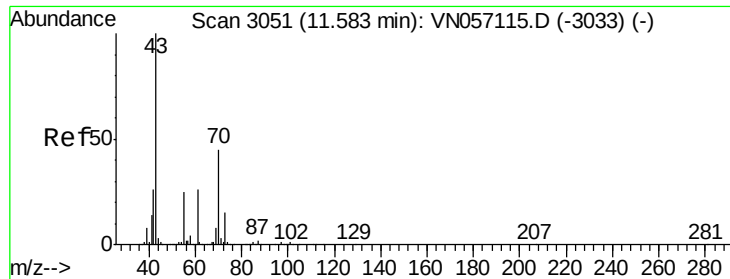
105 100

120 31.9 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.273 ug/l

RT: 11.59 min Scan# 3052

Delta R.T. 0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBL01

Tgt Ion: 43 Resp: 2361

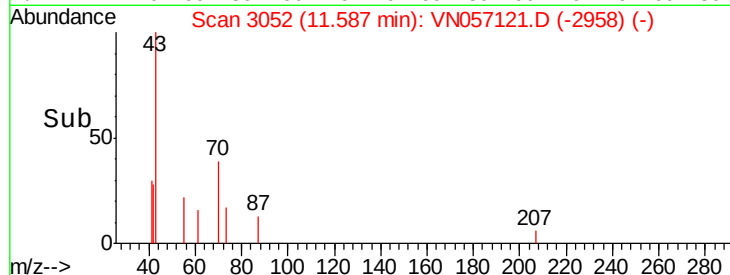
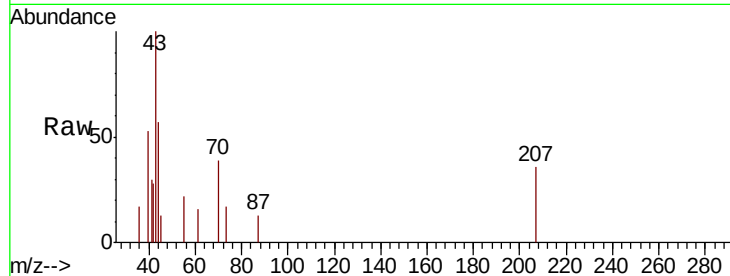
Ion Ratio Lower Upper

43 100

70 37.3 36.8 55.2

55 13.9 20.6 31.0#

61 31.6 21.0 31.4#

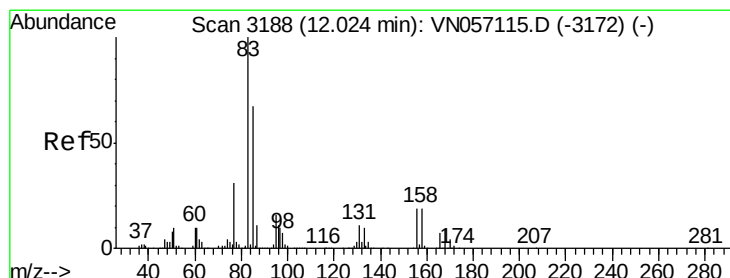
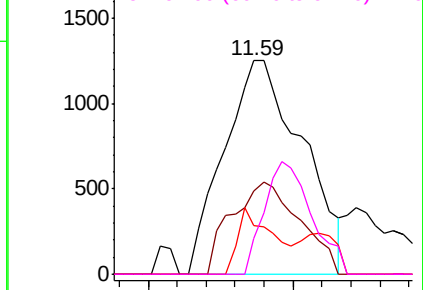


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.02 min Scan# 3188

Delta R.T. 0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

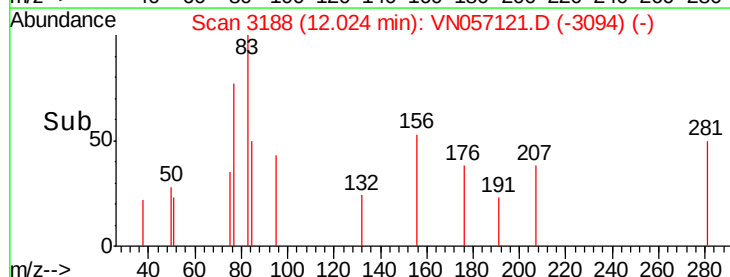
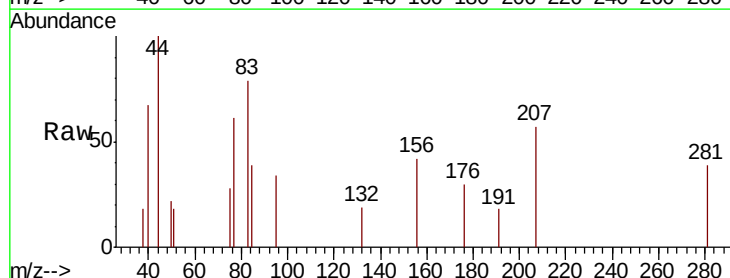
Tgt Ion: 83 Resp: 948

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

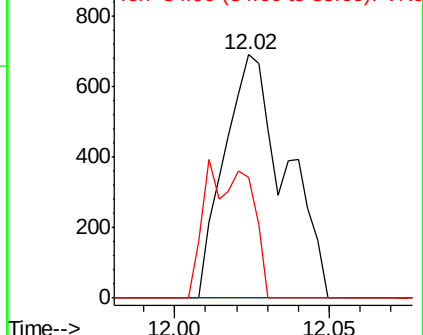
85 41.6 32.4 97.0

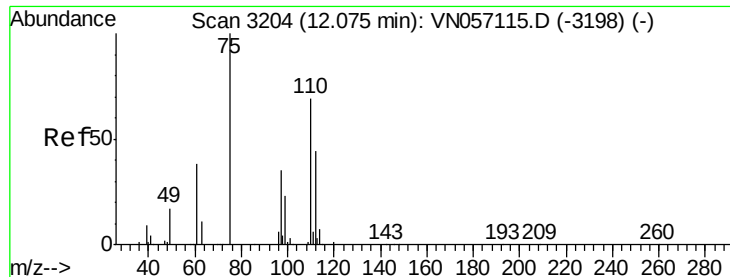


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 36.839 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

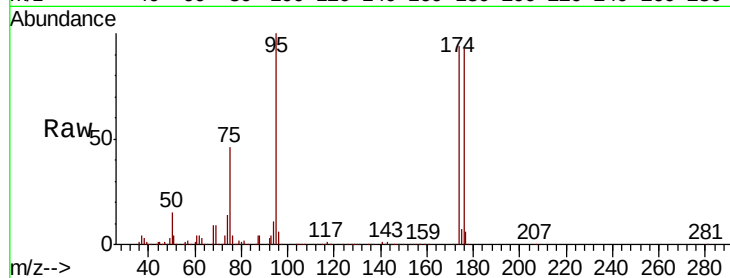
VN0808WBL01

Tgt Ion: 75 Resp: 250836

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

11.92

150000

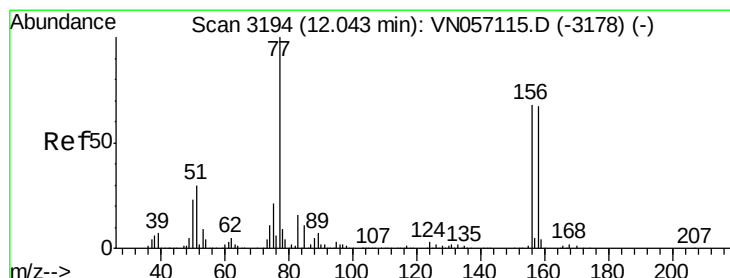
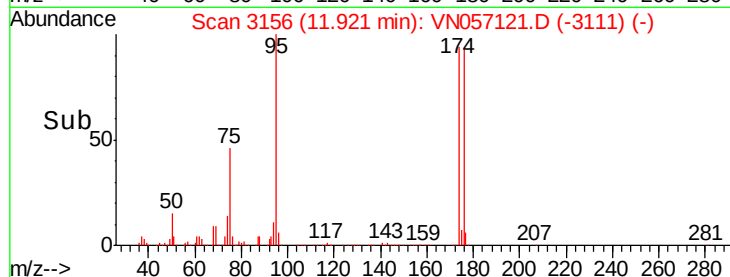
100000

50000

0

Time-->

11.85 11.90 11.95 12.00



#77

Bromobenzene

Concen: 0.292 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.01 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

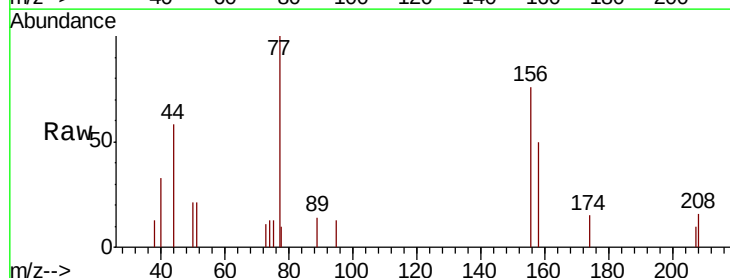
Tgt Ion: 156 Resp: 2401

Ion Ratio Lower Upper

156 100

77 145.1 88.7 266.1

158 77.5 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

2500

2000

1500

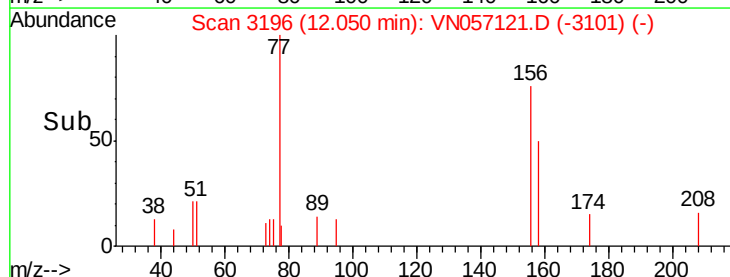
1000

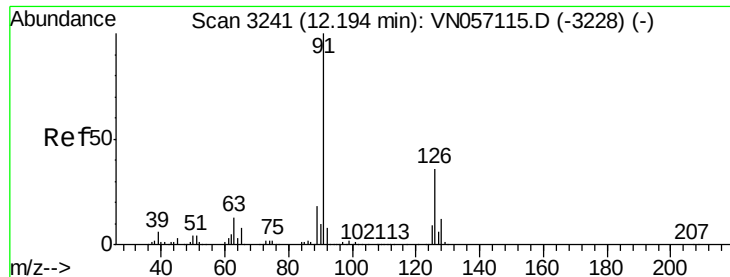
500

0

Time-->

12.00 12.05 12.10

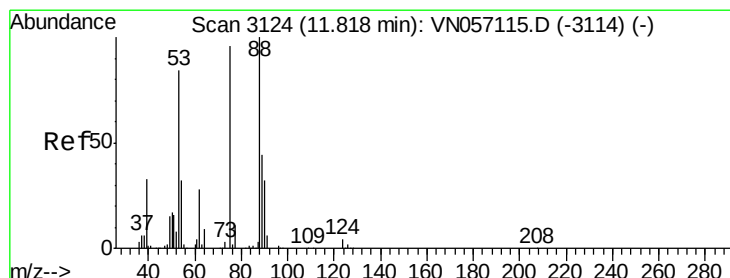
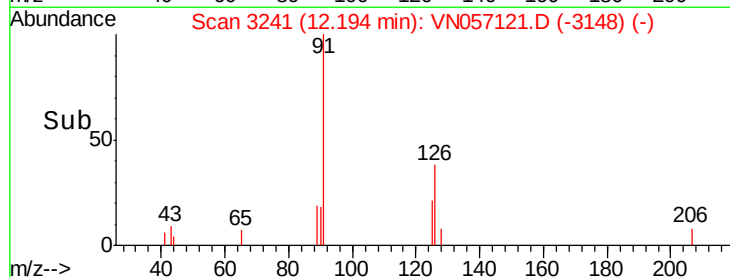
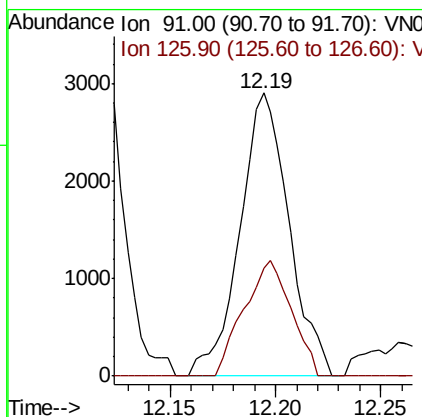
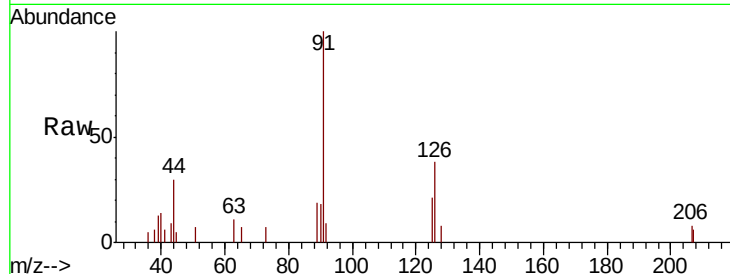




#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.19 min Scan# 3241
Delta R.T. 0.00 min
Lab File: VN057121.D
Acq: 8 Aug 2019 10:36

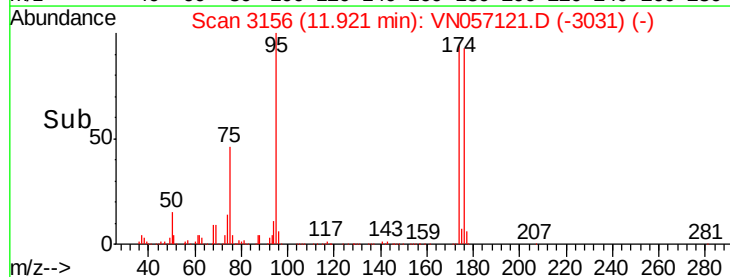
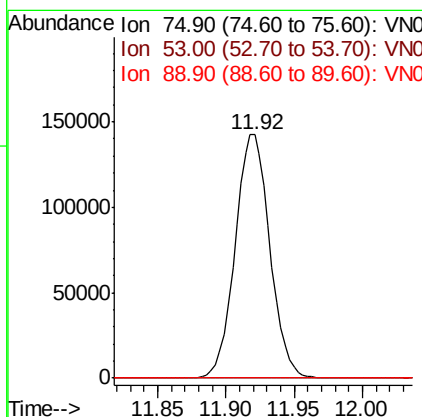
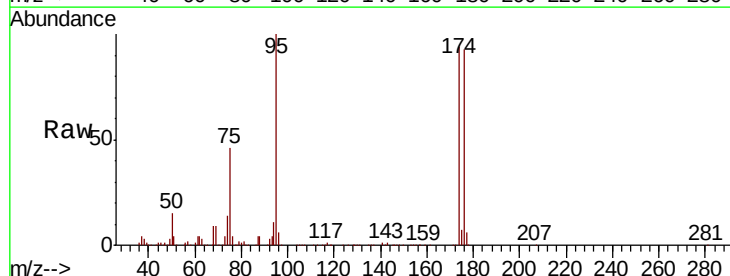
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

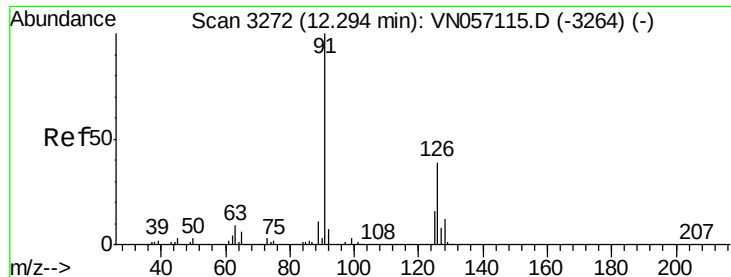
Tgt Ion: 91 Resp: 4695
Ion Ratio Lower Upper
91 100
126 39.3 18.1 54.3



#81
trans-1,4-Dichloro-2-butene
Concen: 107.960 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.10 min
Lab File: VN057121.D
Acq: 8 Aug 2019 10:36

Tgt Ion: 75 Resp: 250836
Ion Ratio Lower Upper
75 100
53 0.0 70.6 106.0#
89 0.0 36.4 54.6#





#82

4-Chlorotoluene

Concen: 0.390 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

Instrument :

MSVOA_N

ClientSampled :

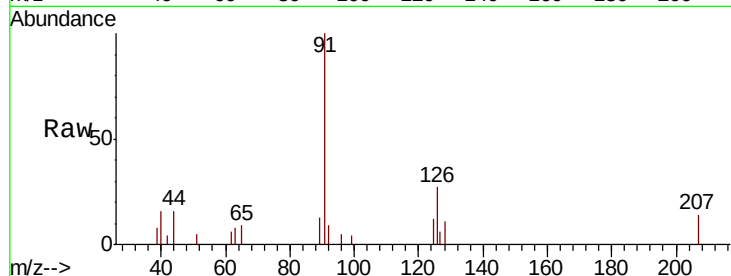
VN0808WBL01

Tgt Ion: 91 Resp: 7393

Ion Ratio Lower Upper

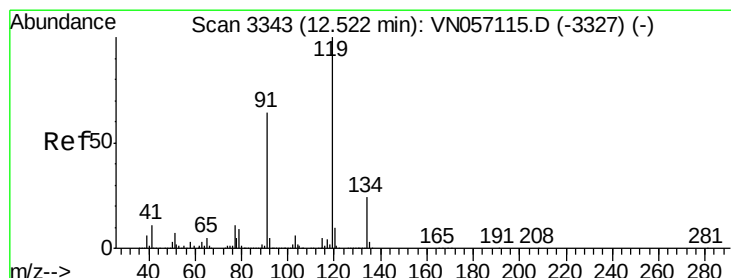
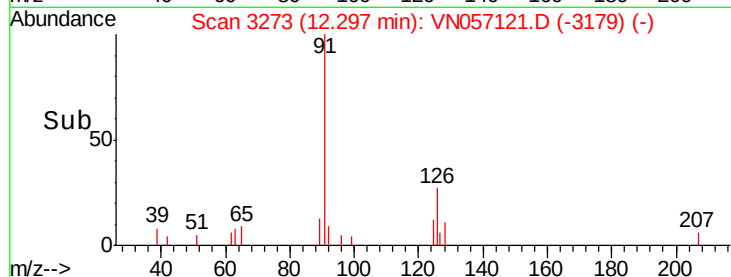
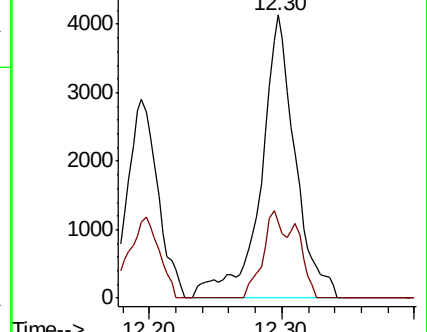
91 100

126 19.4 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3264) (-)

Ion 125.90 (125.60 to 126.60): VN057115.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.52 min Scan# 3341

Delta R.T. -0.01 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

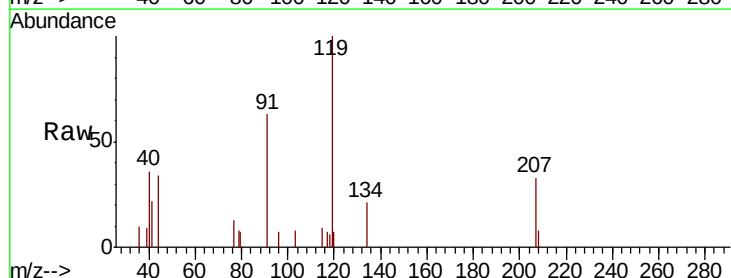
Tgt Ion: 119 Resp: 3978

Ion Ratio Lower Upper

119 100

91 70.1 31.4 94.2

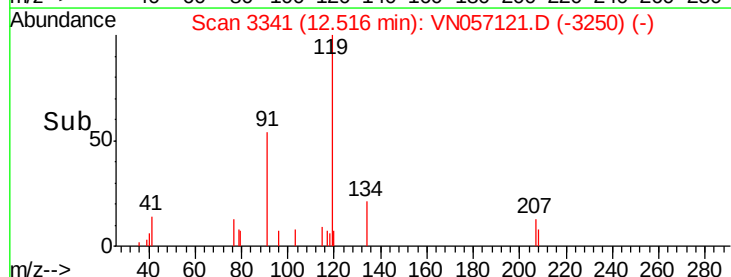
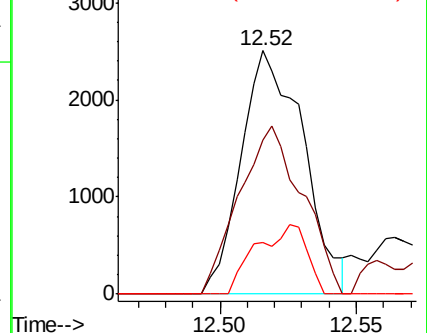
134 23.1 13.2 39.6

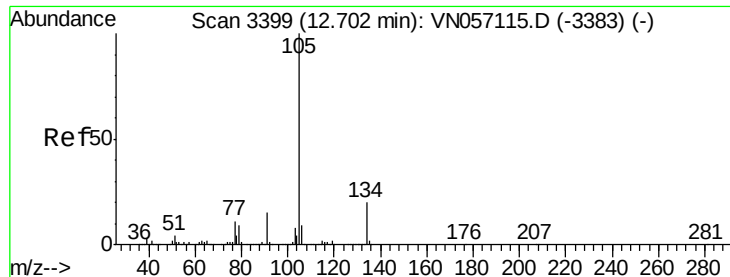


Abundance Ion 119.00 (118.70 to 119.70): VN057115.D (-3327) (-)

Ion 91.00 (90.70 to 91.70): VN057115.D (-3327) (-)

Ion 134.00 (133.70 to 134.70): VN057115.D (-3327) (-)





#85

sec-Butylbenzene

Concen: 0.217 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. 0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

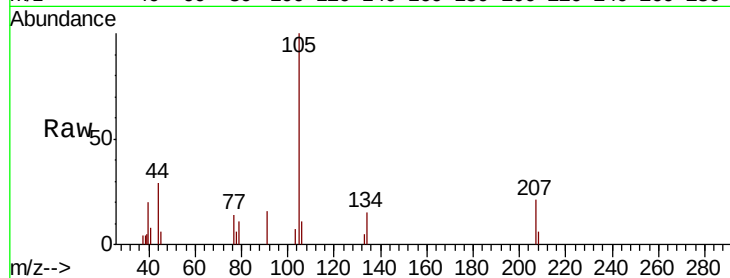
VN0808WBL01

Tgt Ion:105 Resp: 6456

Ion Ratio Lower Upper

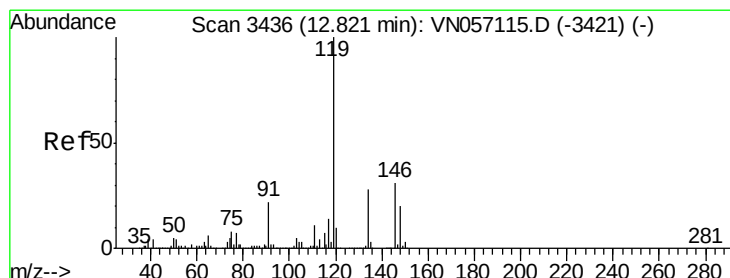
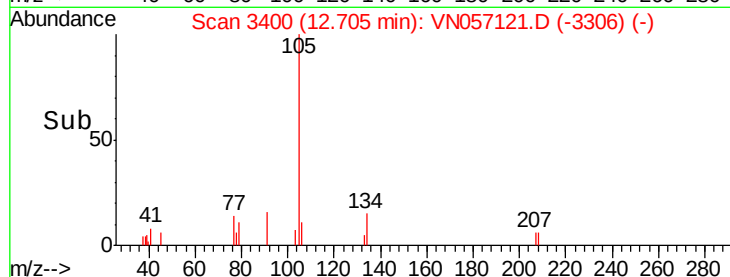
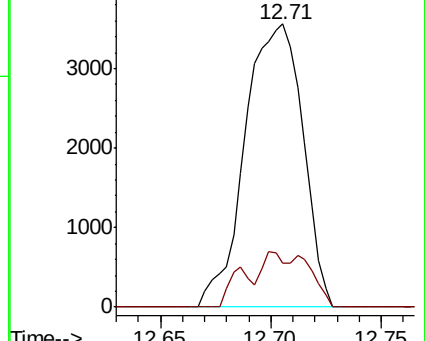
105 100

134 4.6 10.2 30.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.224 ug/l

RT: 12.82 min Scan# 3436

Delta R.T. -0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

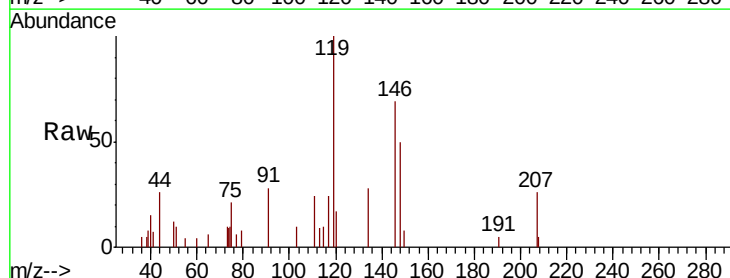
Tgt Ion:119 Resp: 5852

Ion Ratio Lower Upper

119 100

134 30.3 13.8 41.3

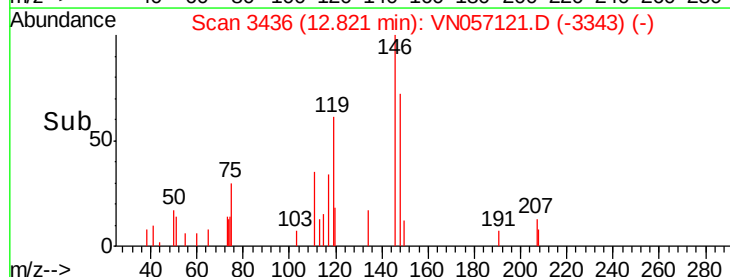
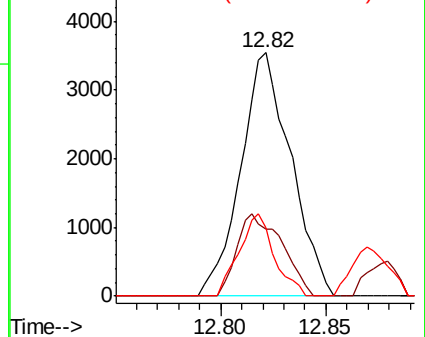
91 23.5 11.0 33.0

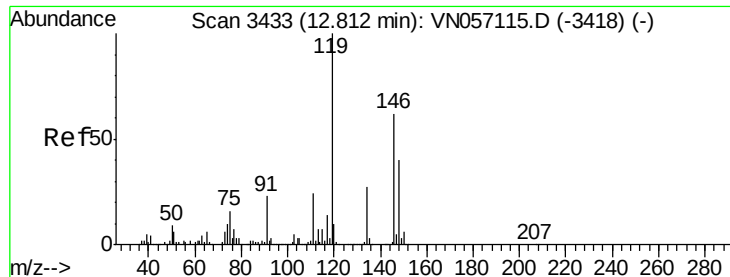


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

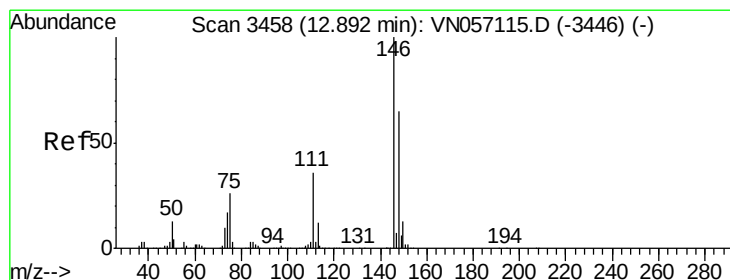
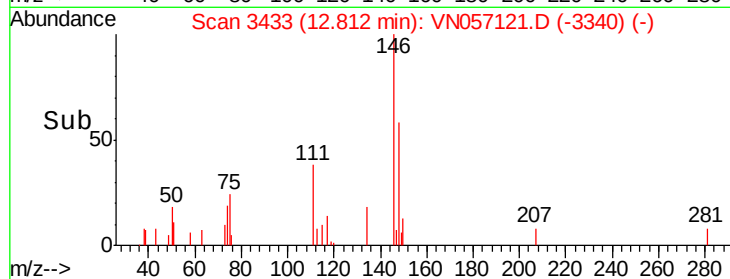
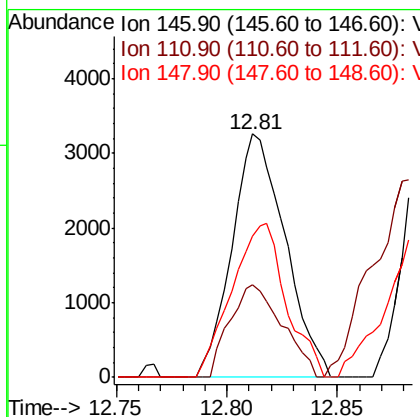
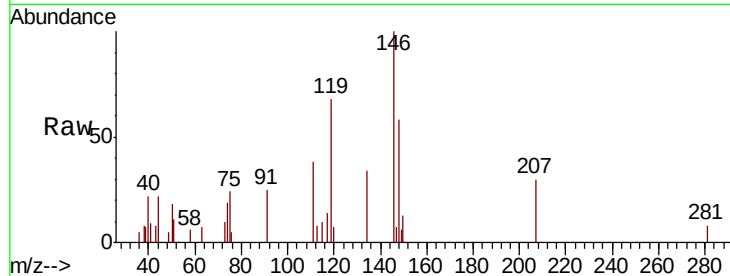




#87
 1,3-Dichlorobenzene
 Concen: 0.468 ug/l
 RT: 12.81 min Scan# 3433
 Delta R.T. -0.00 min
 Lab File: VN057121.D
 Acq: 8 Aug 2019 10:36

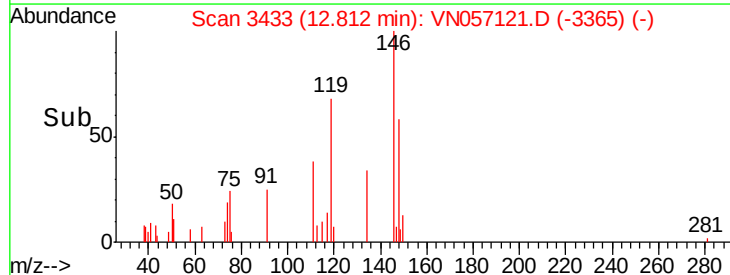
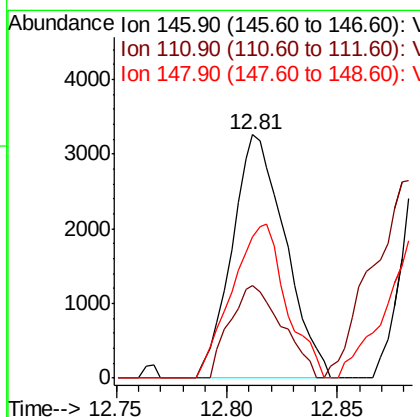
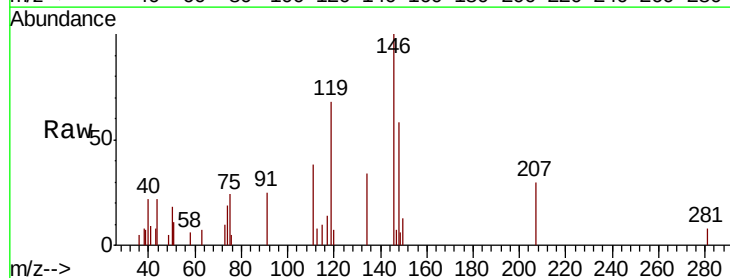
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

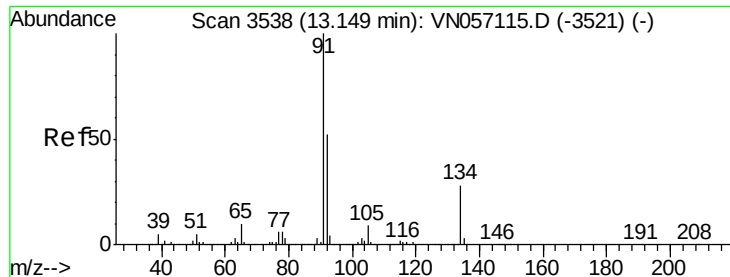
Tgt Ion:146 Resp: 5470
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.4
 148 64.4 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 0.494 ug/l
 RT: 12.81 min Scan# 3433
 Delta R.T. -0.08 min
 Lab File: VN057121.D
 Acq: 8 Aug 2019 10:36

Tgt Ion:146 Resp: 5470
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.2 54.6
 148 64.4 32.0 96.2





#89

n-Butylbenzene

Concen: 0.374 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

Instrument :

MSVOA_N

ClientSampled :

VN0808WBL01

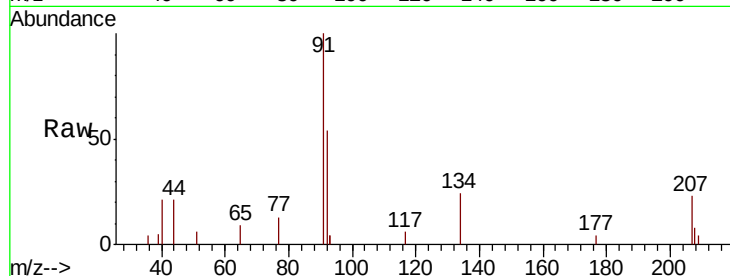
Tgt Ion: 91 Resp: 6741

Ion Ratio Lower Upper

91 100

92 53.8 26.5 79.4

134 16.0 14.1 42.3

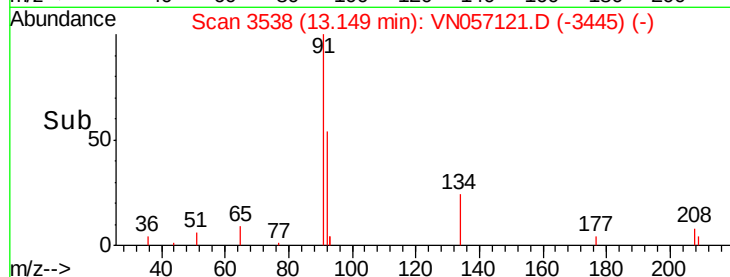


Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3521) (-)

Ion 92.00 (91.70 to 92.70): VN057115.D (-3521) (-)

Ion 134.00 (133.70 to 134.70): VN057115.D (-3521) (-)

Time-->

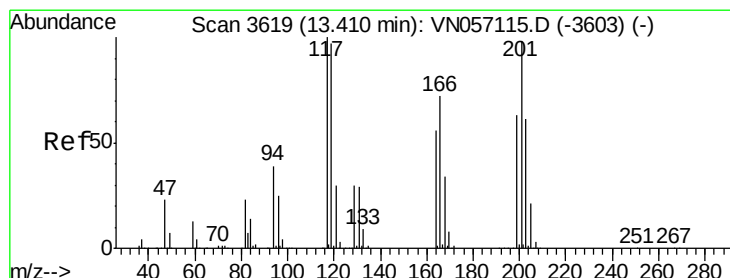


Abundance Ion 91.00 (90.70 to 91.70): VN057121.D (-3445) (-)

Ion 92.00 (91.70 to 92.70): VN057121.D (-3445) (-)

Ion 134.00 (133.70 to 134.70): VN057121.D (-3445) (-)

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.40 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VN057121.D

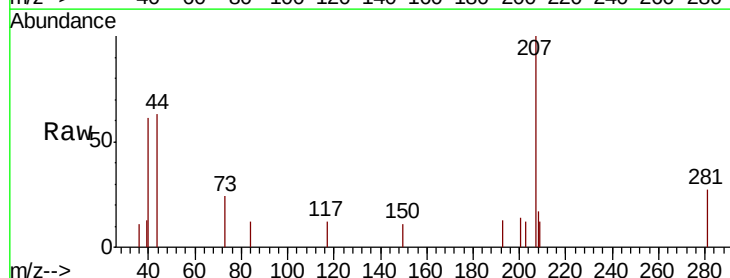
Acq: 8 Aug 2019 10:36

Tgt Ion: 117 Resp: 65

Ion Ratio Lower Upper

117 100

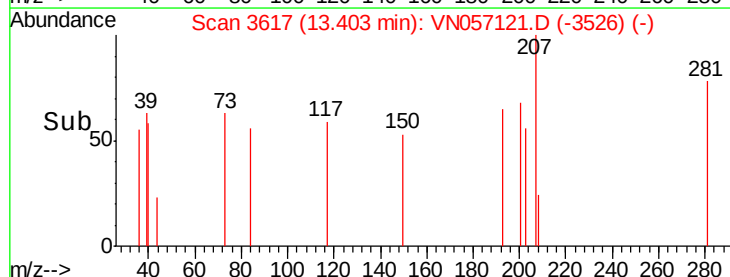
201 341.5 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): VN057115.D (-3603) (-)

Ion 200.70 (200.40 to 201.40): VN057115.D (-3603) (-)

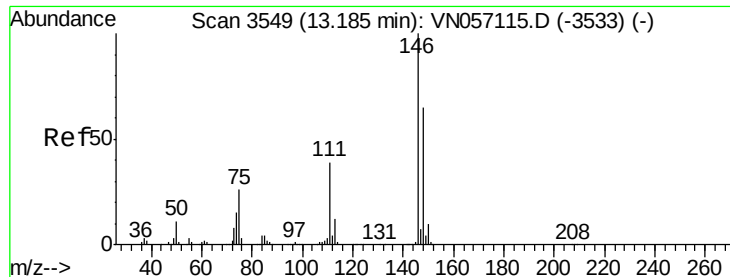
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN057121.D (-3526) (-)

Ion 200.70 (200.40 to 201.40): VN057121.D (-3526) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.652 ug/l

RT: 13.19 min Scan# 3550

Delta R.T. 0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBL01

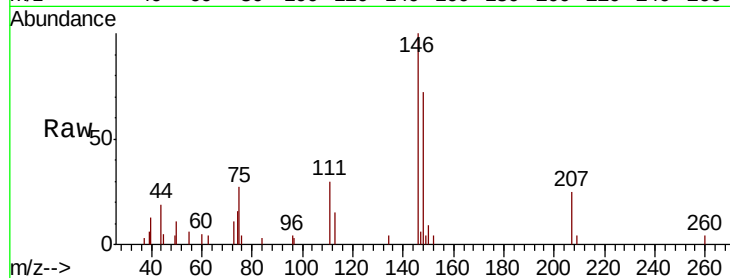
Tgt Ion:146 Resp: 7613

Ion Ratio Lower Upper

146 100

111 34.1 19.2 57.6

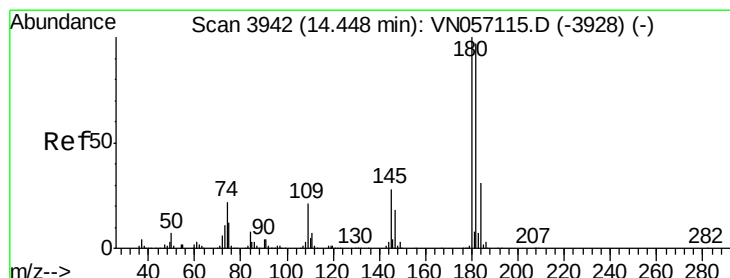
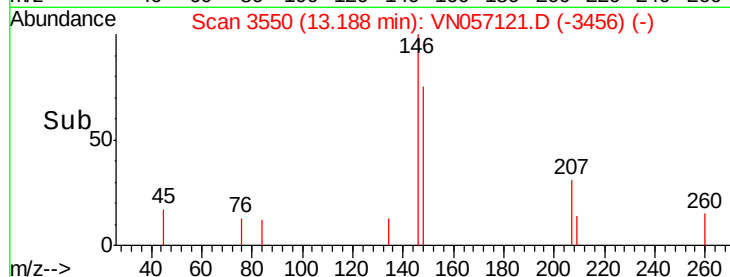
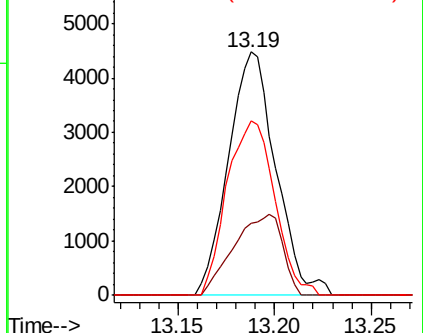
148 72.4 32.4 97.0



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



#93

1,2,4-Trichlorobenzene

Concen: 7.298 ug/l

RT: 14.45 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

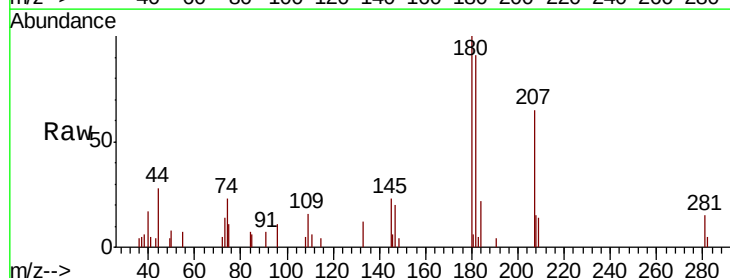
Tgt Ion:180 Resp: 7681

Ion Ratio Lower Upper

180 100

182 79.5 47.5 142.6

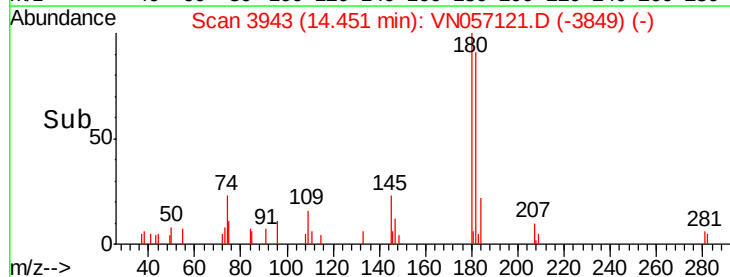
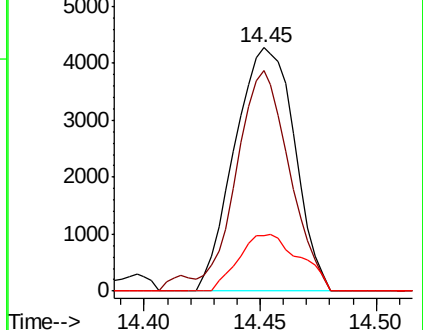
145 23.8 14.1 42.2

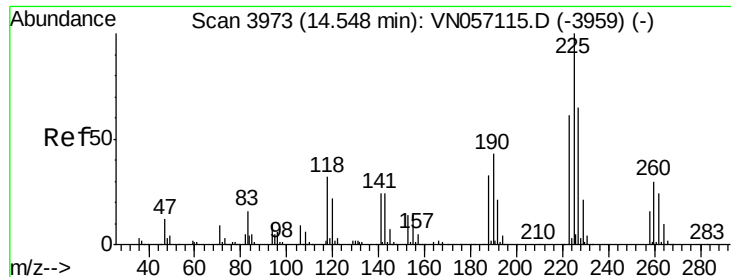


Abundance Ion 179.80 (179.50 to 180.50): V

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: VN057121.D

Acq: 8 Aug 2019 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBL01

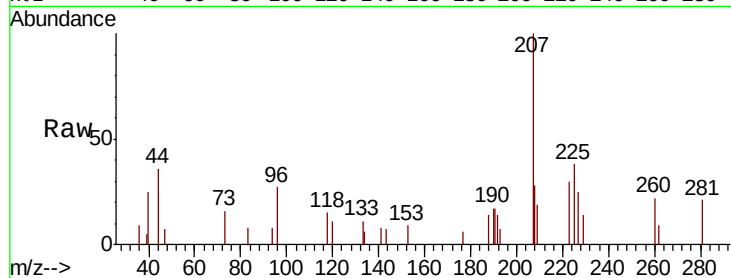
Tgt Ion:225 Resp: 1624

Ion Ratio Lower Upper

225 100

223 74.0 30.9 92.8

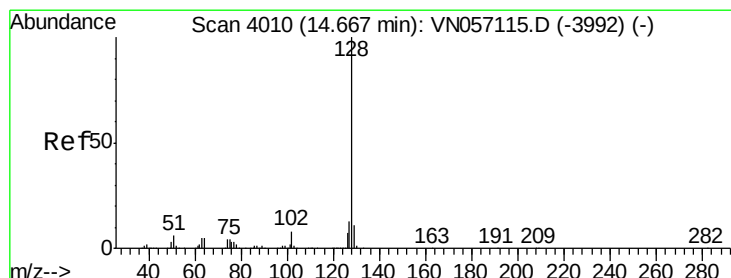
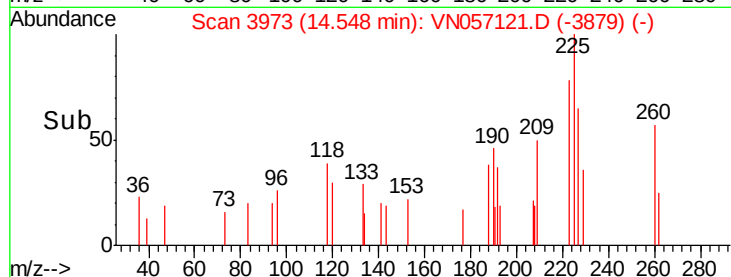
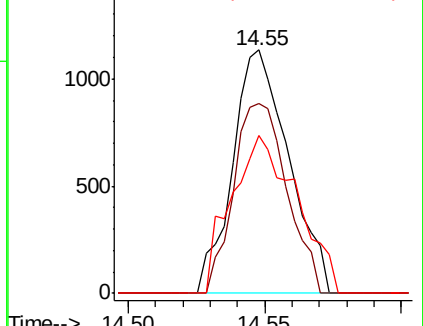
227 75.9 32.4 97.0



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: 4.120 ug/l

RT: 14.67 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VN057121.D

Acq: 8 Aug 2019 10:36

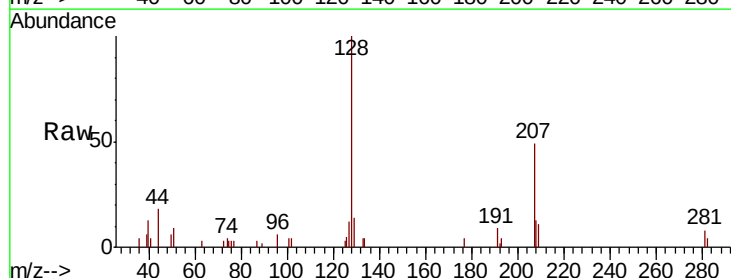
Tgt Ion:128 Resp: 11629

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

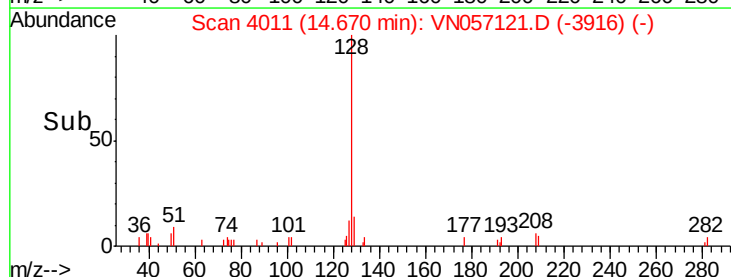
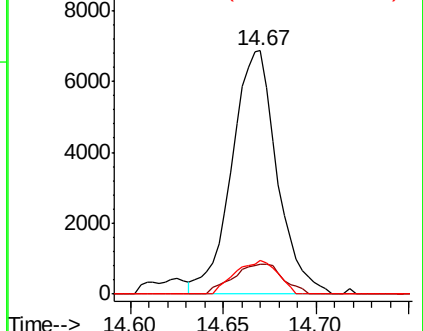
129 13.1 8.8 13.2

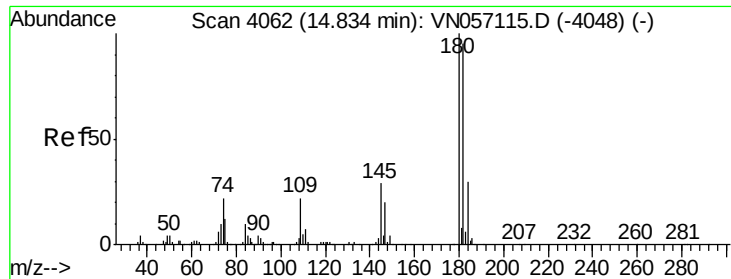


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

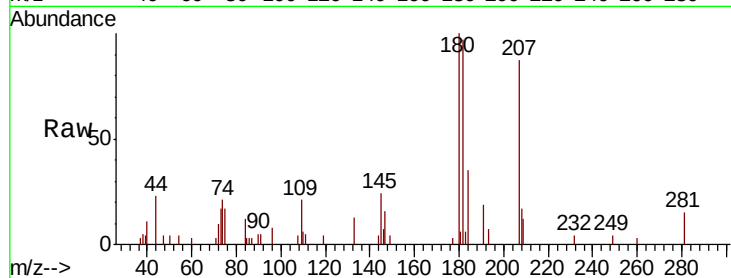




#96
 1,2,3-Trichlorobenzene
 Concen: 7.472 ug/l
 RT: 14.83 min Scan# 4062
 Delta R.T. 0.00 min
 Lab File: VN057121.D
 Acq: 8 Aug 2019 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.3	144.8
145	26.6	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

