

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
 Data File : VN057124.D
 Acq On : 8 Aug 2019 11:56
 Operator : JC/SP
 Sample : PB122061TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122061TB

Quant Time: Aug 09 03:13:32 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	1435537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2014524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1681211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	440213	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	655686	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	
35) Dibromofluoromethane	6.99	113	612239	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	9.56	98	2355412	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.92	95	641014	41.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.26%	

Target Compounds					Qvalue
5) Bromomethane	2.45	94	3281	0.339 ug/l	93
11) Tert butyl alcohol	4.24	59	3180	1.514 ug/l #	73
13) Acrolein	3.32	56	358	0.269 ug/l #	1
16) Acetone	3.48	43	27354	6.135 ug/l	93
17) Carbon Disulfide	3.72	76	9332	0.287 ug/l #	91
18) Methyl Acetate	3.90	43	15168	0.491 ug/l	100
20) Methylene Chloride	4.10	84	20351	1.383 ug/l	99
29) Tetrahydrofuran	6.62	42	1133	0.247 ug/l #	69
31) Cyclohexane	7.05	56	22252	1.039 ug/l #	1
36) 1,1-Dichloropropene	7.05	75	86016	5.186 ug/l #	50
38) Carbon Tetrachloride	7.05	117	120506	6.971 ug/l #	17
43) Isopropyl Acetate	7.56	43	66937	2.869 ug/l #	88
45) 1,2-Dichloropropane	8.70	63	5230	0.385 ug/l #	43
48) Methyl methacrylate	8.62	41	26258	2.387 ug/l #	10
49) 1,4-Dioxane	8.65	88	166	0.741 ug/l #	1
51) 4-Methyl-2-Pentanone	9.44	43	12755	0.939 ug/l	100
54) cis-1,3-Dichloropropene	9.36	75	188921	9.343 ug/l #	60
57) 1,3-Dichloropropane	10.25	76	38240	1.809 ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.14	63	162	13.137 ug/l #	47
59) 2-Hexanone	10.25	43	480012	52.228 ug/l #	50
68) m/p-Xylenes	11.13	106	4807	0.224 ug/l	94
73) Isopropylbenzene	11.77	105	5161	Below Cal	96
74) N-amyl acetate	11.59	43	3665	0.329 ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.02	83	1036	Below Cal #	77
76) 1,2,3-Trichloropropane	11.92	75	288622	32.558 ug/l #	100
78) n-propylbenzene	12.12	91	9407	0.223 ug/l	88
79) 2-Chlorotoluene	12.19	91	5660	Below Cal	83
80) 1,3,5-Trimethylbenzene	12.26	105	47829	1.407 ug/l	99
81) trans-1,4-Dichloro-2-buten	11.92	75	288622	96.402 ug/l #	14
82) 4-Chlorotoluene	12.30	91	6689	0.274 ug/l	98
83) tert-Butylbenzene	12.52	119	4553	Below Cal	94
84) 1,2,4-Trimethylbenzene	12.57	105	8061	0.245 ug/l	94
86) p-Isopropyltoluene	12.82	119	8185	0.243 ug/l	96
87) 1,3-Dichlorobenzene	12.81	146	5278	0.350 ug/l	94

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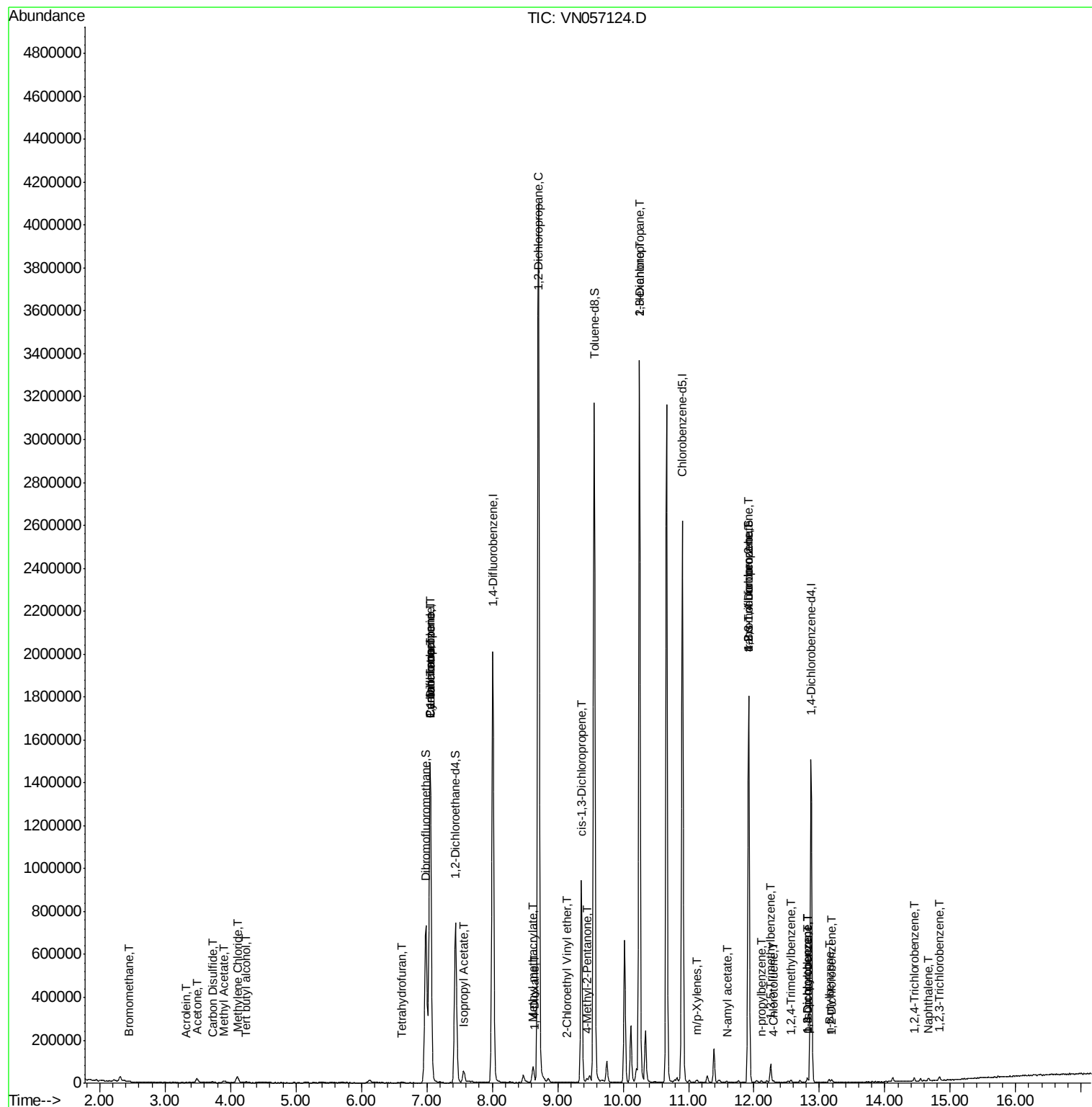
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.81	146	5278	0.370	ug/l	94
89) n-Butylbenzene	13.15	91	9244	0.398	ug/l	90
90) Hexachloroethane	13.41	117	342	Below Cal	#	32
91) 1,2-Dichlorobenzene	13.19	146	5585	0.371	ug/l	90
93) 1,2,4-Trichlorobenzene	14.45	180	5274	6.659	ug/l	87
94) Hexachlorobutadiene	14.55	225	2738	Below Cal		91
95) Naphthalene	14.66	128	9958	3.679	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.84	180	6603	6.607	ug/l	97

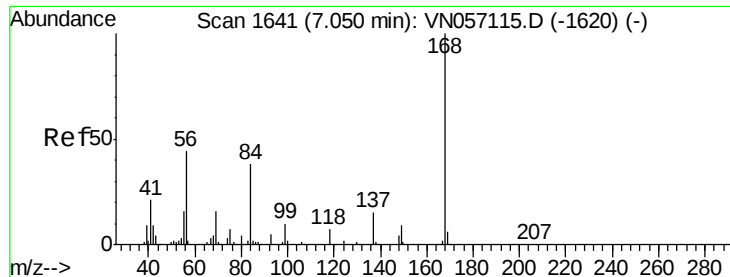
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

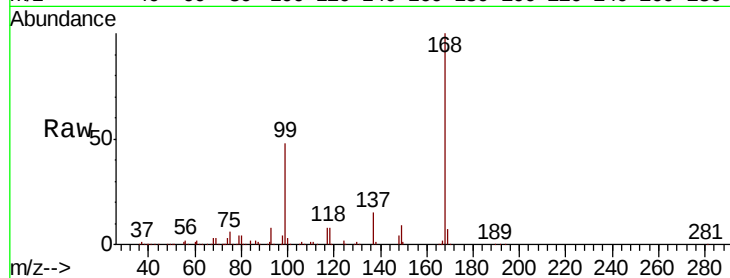
PB122061TB

Tgt Ion:168 Resp: 143537

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): VN

7.05

600000

500000

400000

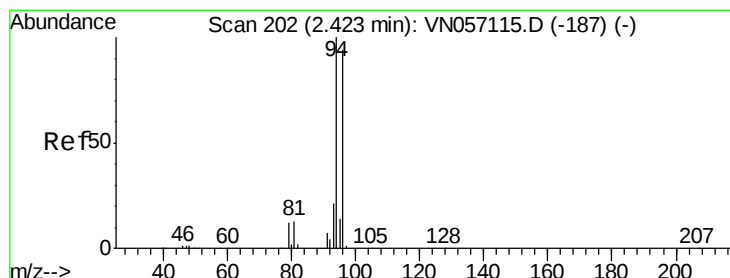
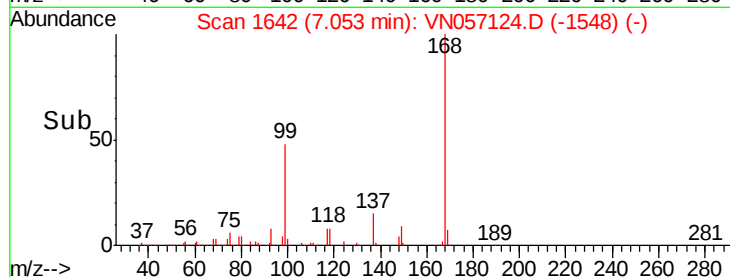
300000

200000

100000

0

Time--> 6.90 7.00 7.10



#5

Bromomethane

Concen: 0.339 ug/l

RT: 2.45 min Scan# 209

Delta R.T. 0.02 min

Lab File: VN057124.D

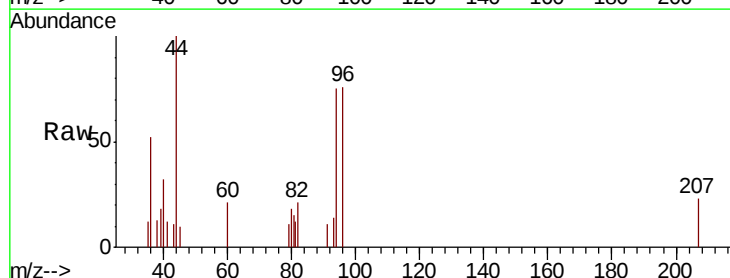
Acq: 8 Aug 2019 11:56

Tgt Ion: 94 Resp: 3281

Ion Ratio Lower Upper

94 100

96 100.1 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.45

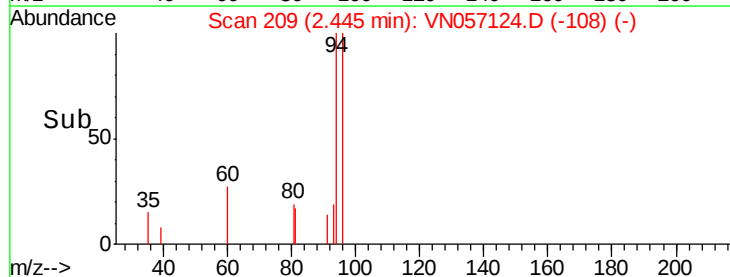
1500

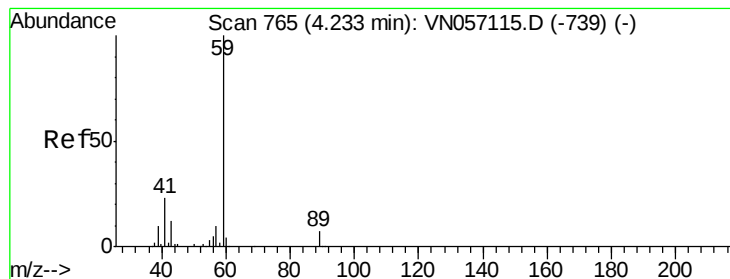
1000

500

0

Time--> 2.35 2.40 2.45 2.50





#11

Tert butyl alcohol

Concen: 1.514 ug/l

RT: 4.24 min Scan# 767

Delta R.T. 0.01 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

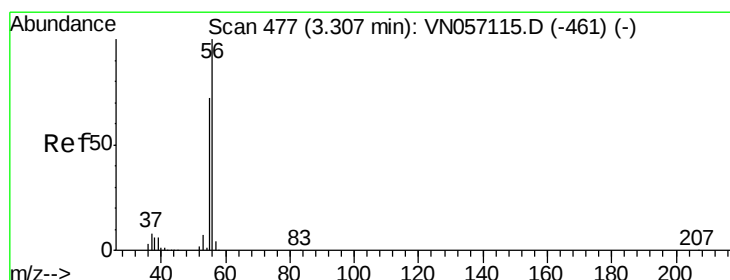
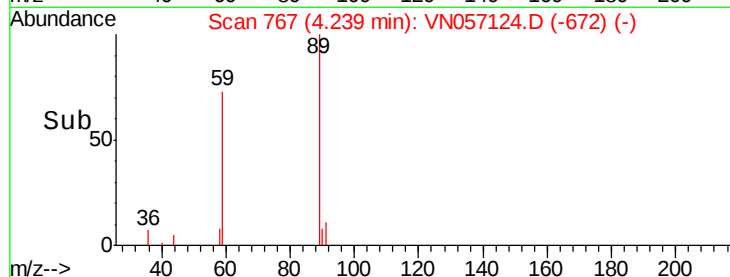
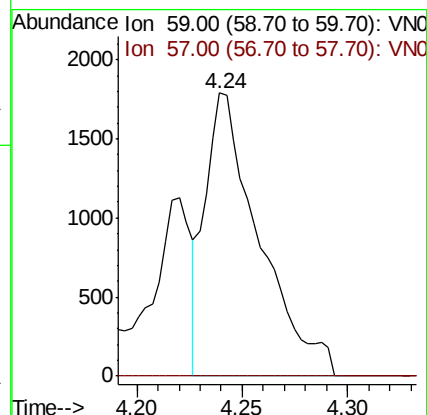
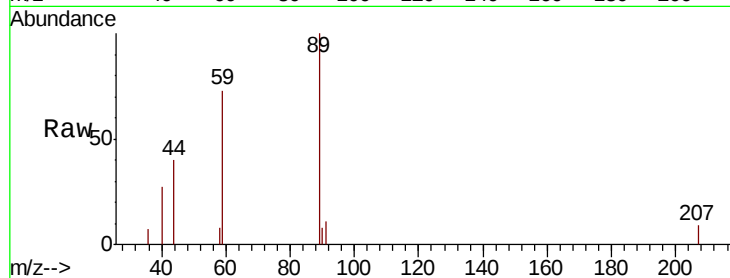
PB122061TB

Tgt Ion: 59 Resp: 3180

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#13

Acrolein

Concen: 0.269 ug/l

RT: 3.32 min Scan# 481

Delta R.T. 0.01 min

Lab File: VN057124.D

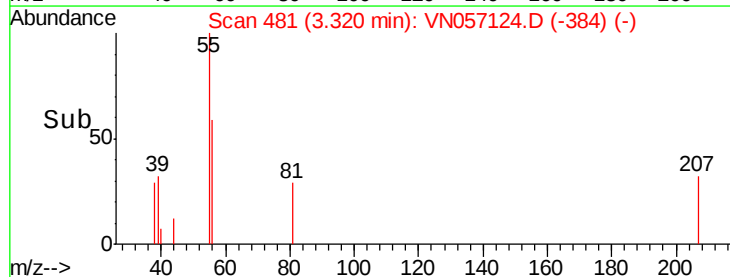
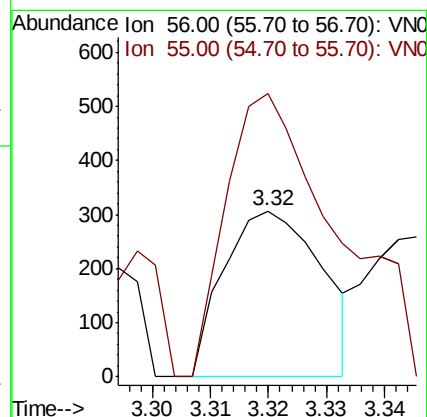
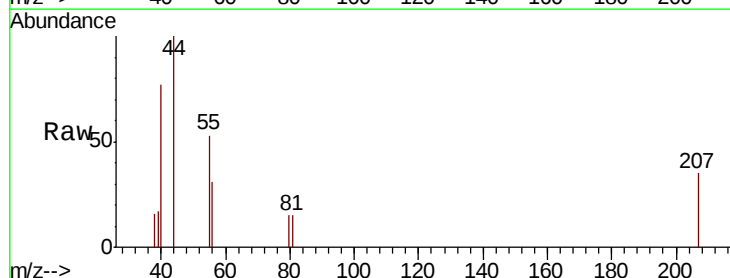
Acq: 8 Aug 2019 11:56

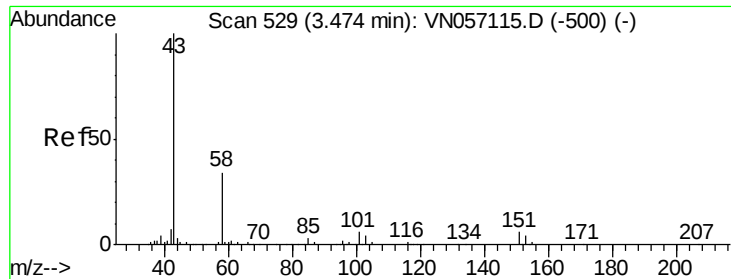
Tgt Ion: 56 Resp: 358

Ion Ratio Lower Upper

56 100

55 193.9 57.7 86.5#





#16

Acetone

Concen: 6.135 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

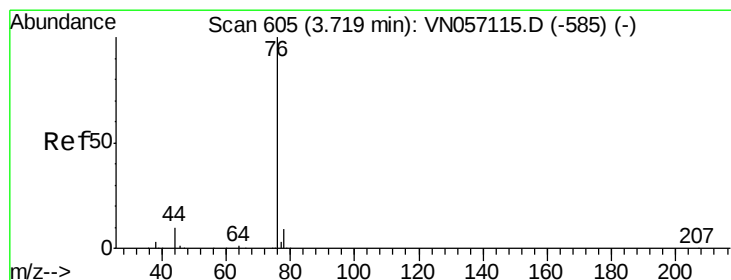
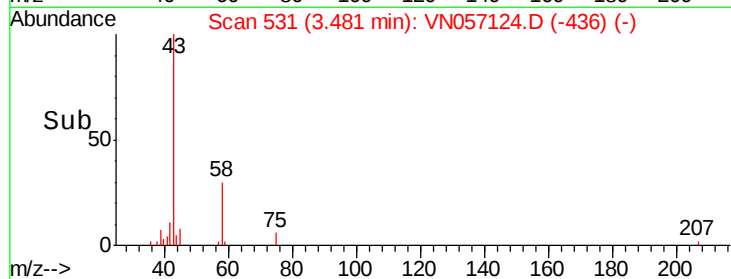
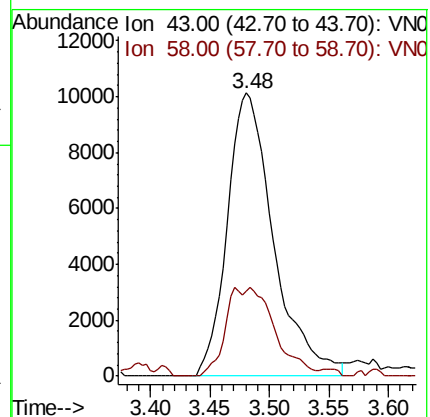
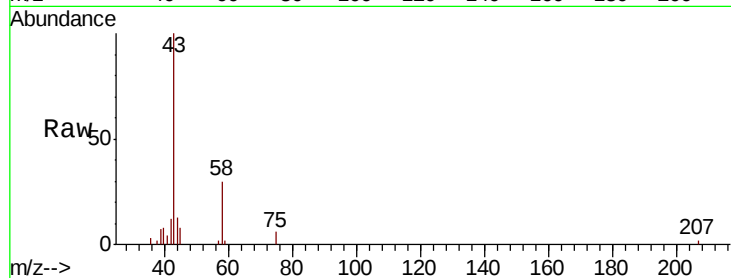
PB122061TB

Tgt Ion: 43 Resp: 27354

Ion Ratio Lower Upper

43 100

58 30.2 27.4 41.2



#17

Carbon Disulfide

Concen: 0.287 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN057124.D

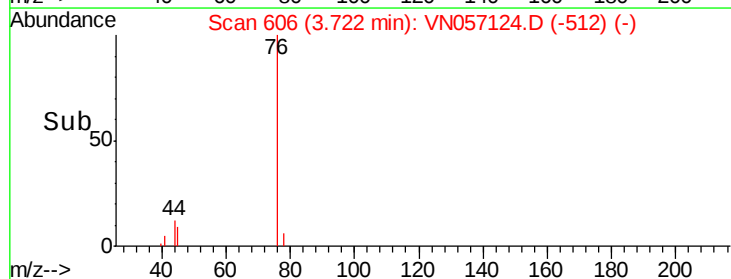
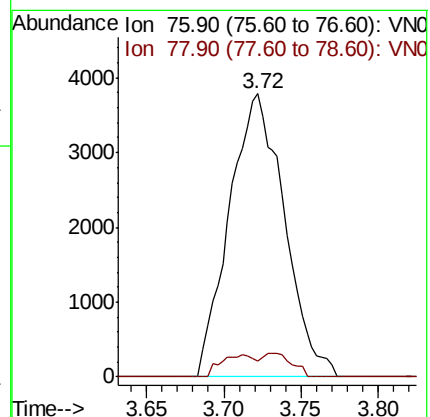
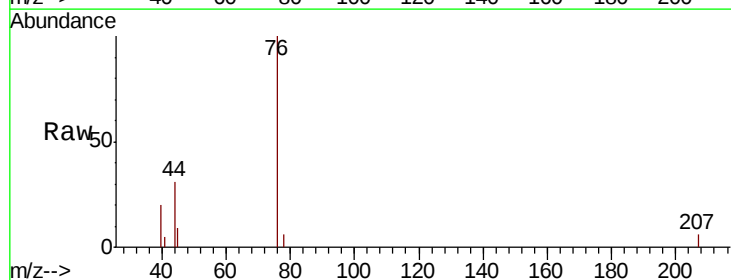
Acq: 8 Aug 2019 11:56

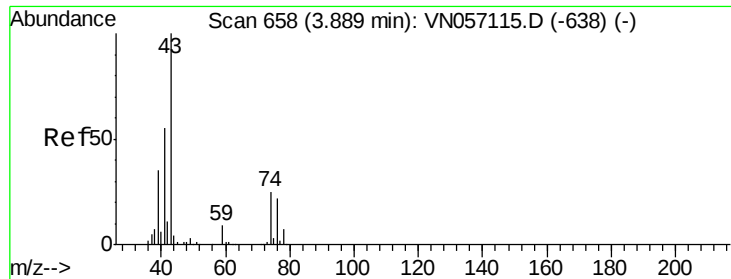
Tgt Ion: 76 Resp: 9332

Ion Ratio Lower Upper

76 100

78 5.7 7.0 10.6#

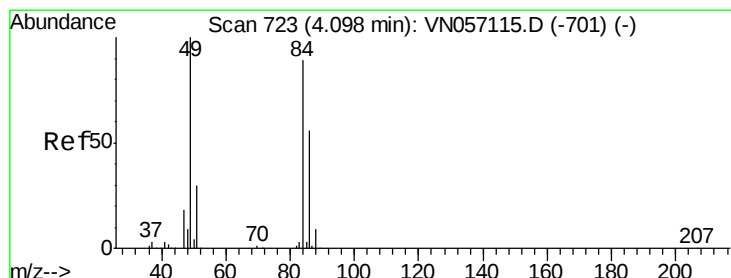
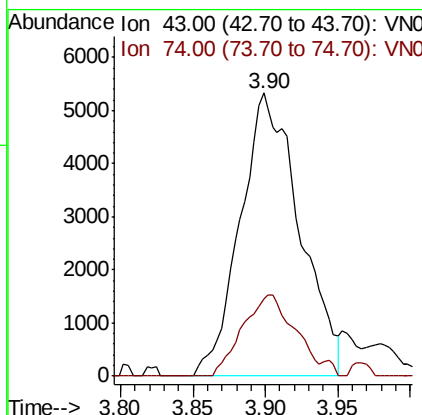
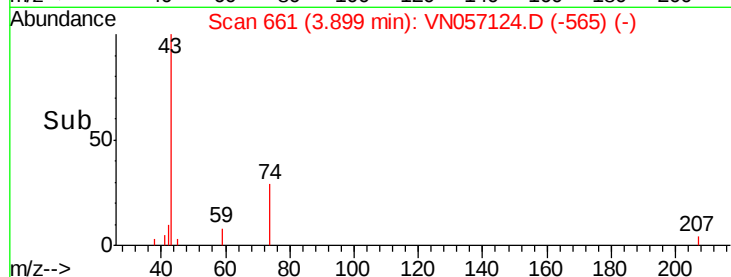
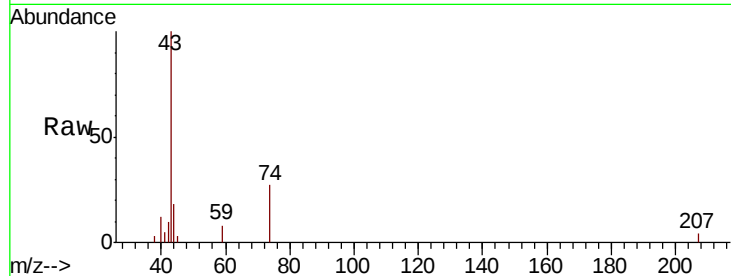




#18
Methyl Acetate
Concen: 0.491 ug/l
RT: 3.90 min Scan# 661
Delta R.T. 0.01 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

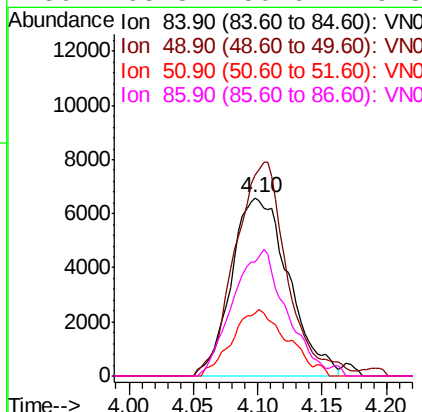
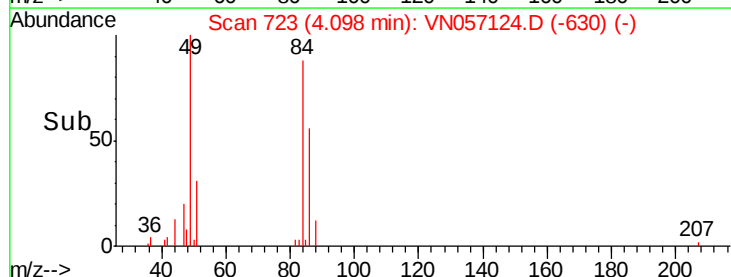
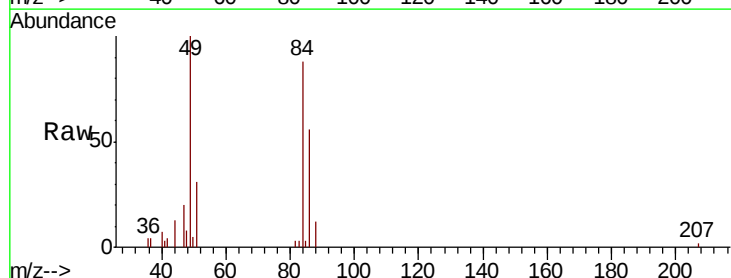
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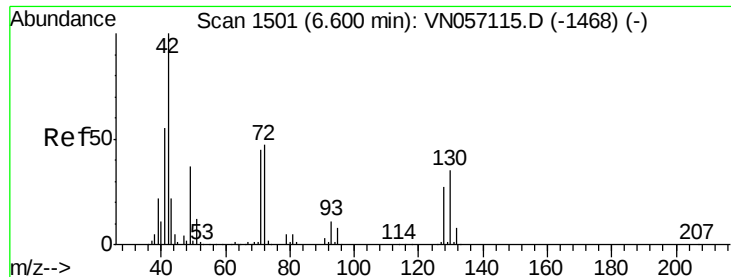
Tgt Ion: 43 Resp: 15168
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.4



#20
Methylene Chloride
Concen: 1.383 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

Tgt Ion: 84 Resp: 20351
Ion Ratio Lower Upper
84 100
49 113.0 89.5 134.3
51 35.2 27.2 40.8
86 63.8 50.6 75.8

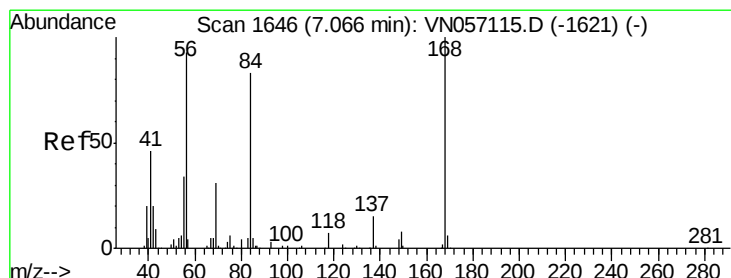
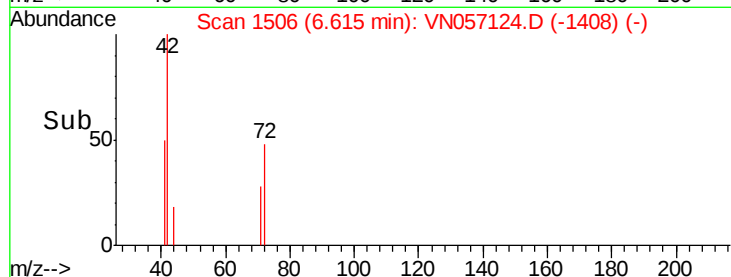
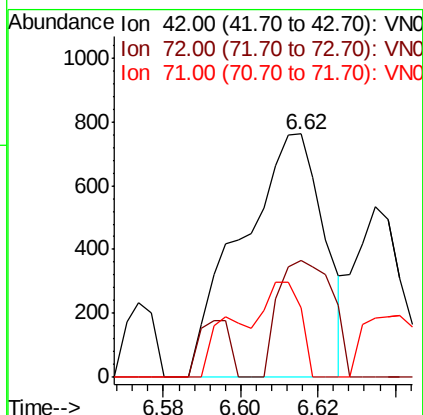
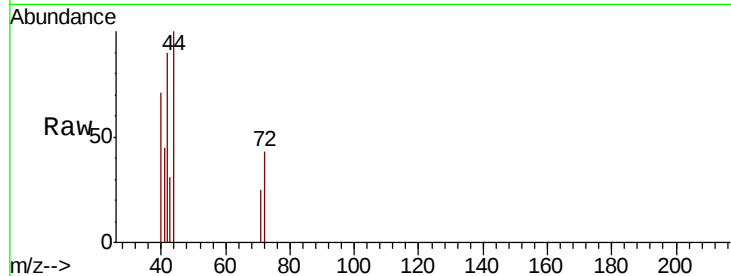




#29
Tetrahydrofuran
Concen: 0.247 ug/l
RT: 6.62 min Scan# 1506
Delta R.T. 0.02 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

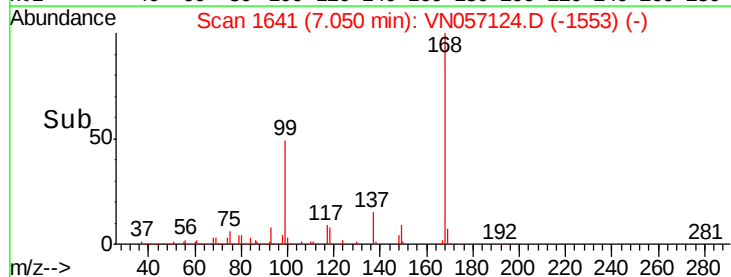
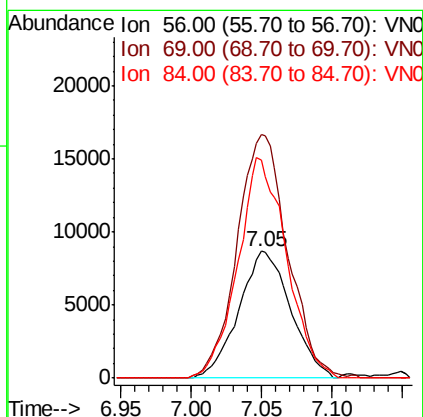
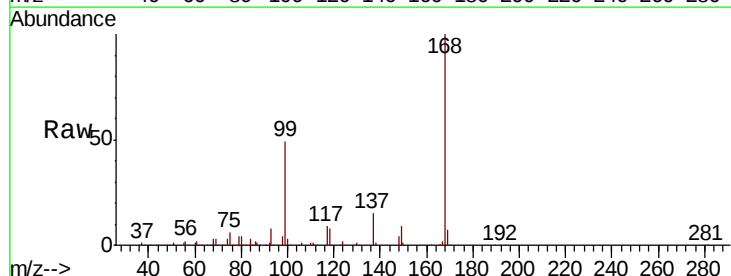
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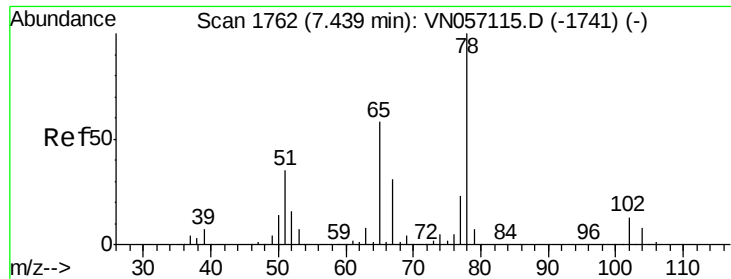
Tgt Ion: 42 Resp: 1133
Ion Ratio Lower Upper
42 100
72 31.5 37.1 55.7#
71 17.4 34.8 52.2#



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.02 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

Tgt Ion: 56 Resp: 22252
Ion Ratio Lower Upper
56 100
69 192.2 26.9 40.3#
84 179.0 71.9 107.9#

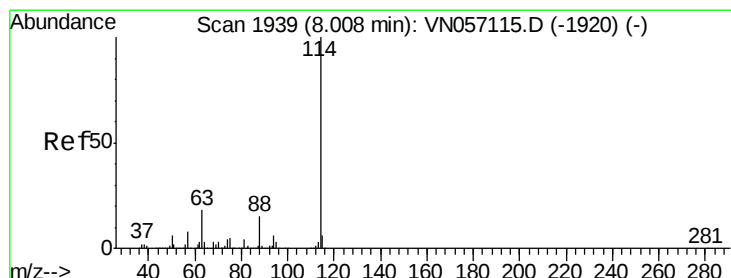
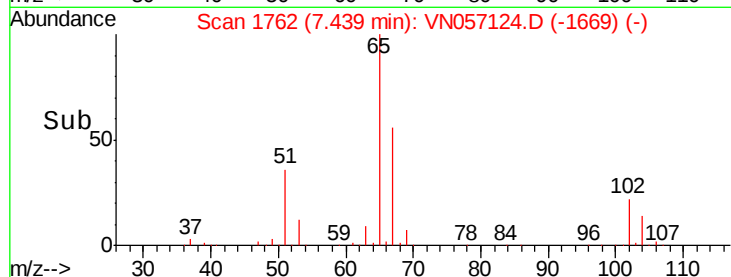
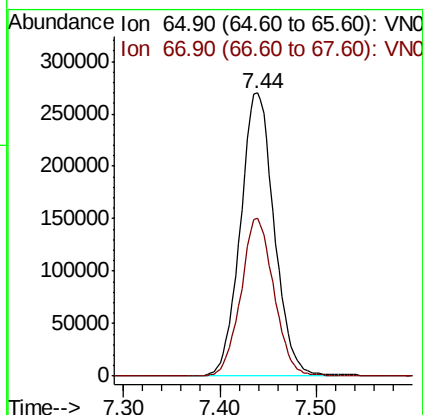
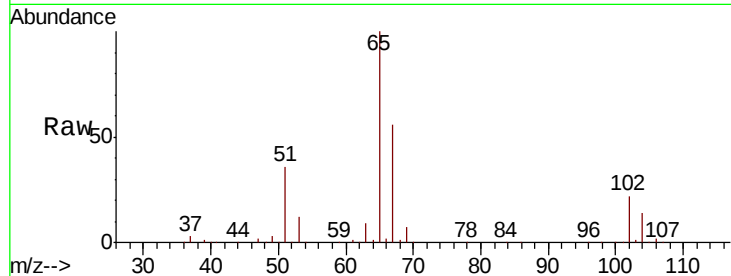




#33
 1,2-Dichloroethane-d4
 Concen: 44.413 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057124.D
 Acq: 8 Aug 2019 11:56

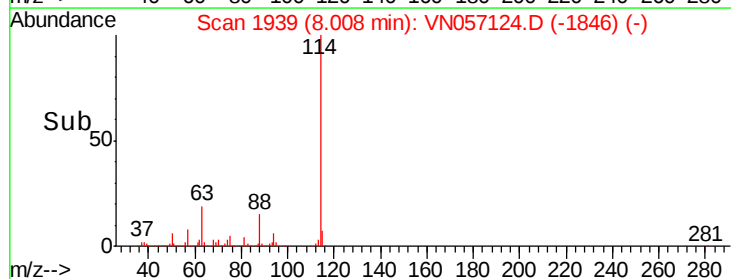
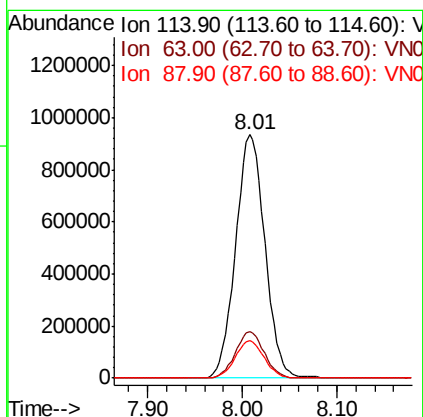
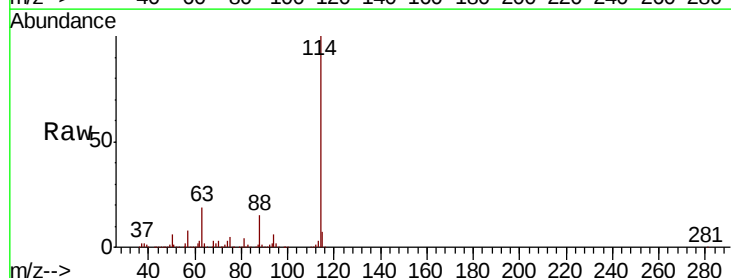
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122061TB

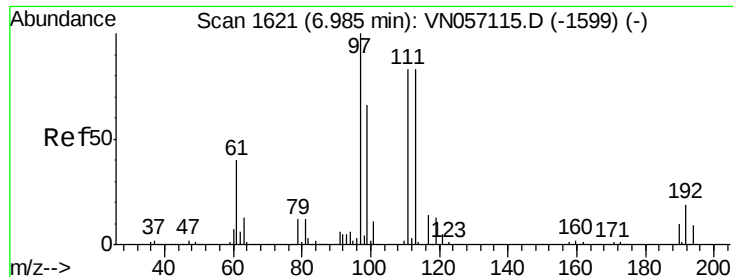
Tgt Ion: 65 Resp: 655686
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057124.D
 Acq: 8 Aug 2019 11:56

Tgt Ion: 114 Resp: 2014524
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.2
 88 15.2 0.0 30.0

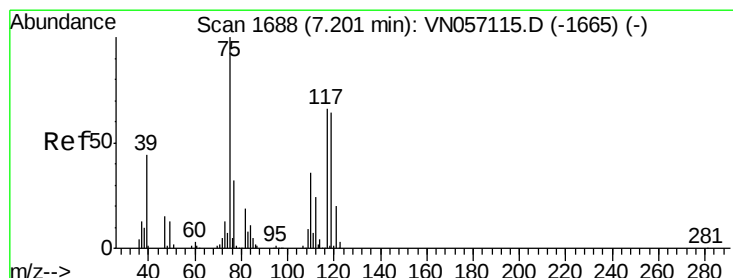
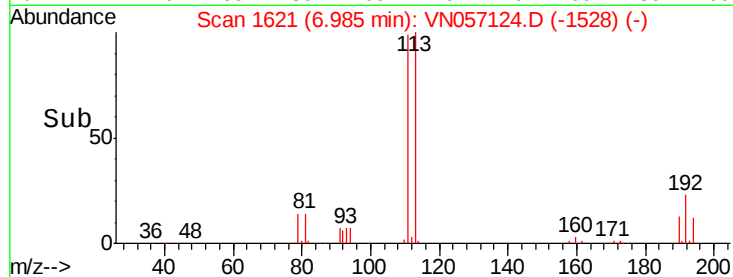
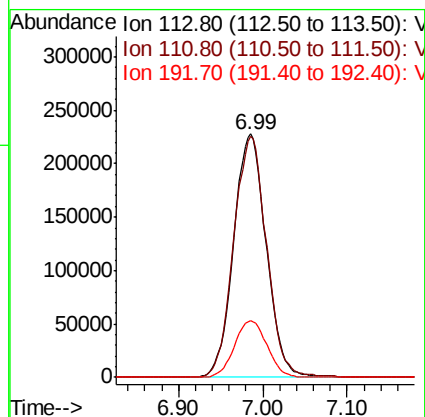
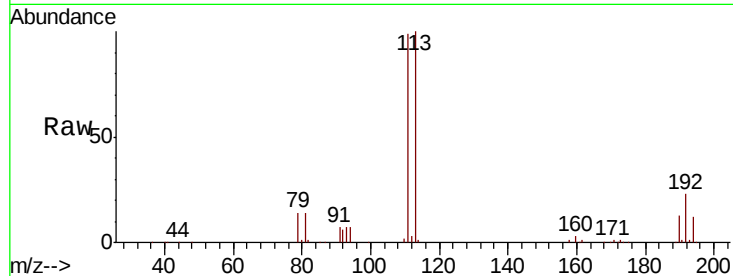




#35
 Dibromofluoromethane
 Concen: 48.431 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057124.D
 Acq: 8 Aug 2019 11:56

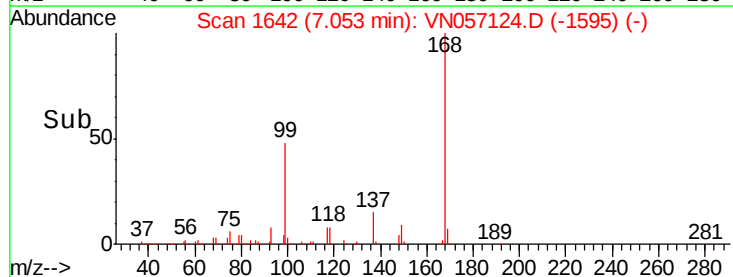
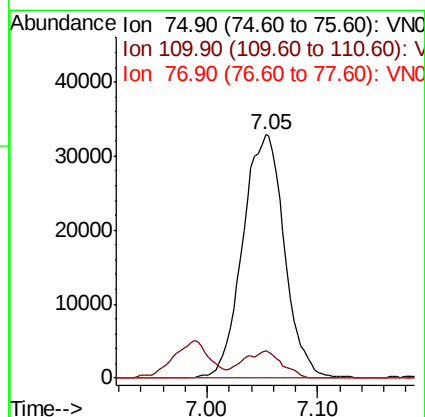
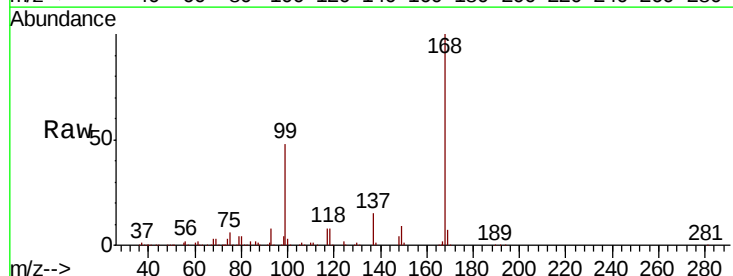
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122061TB

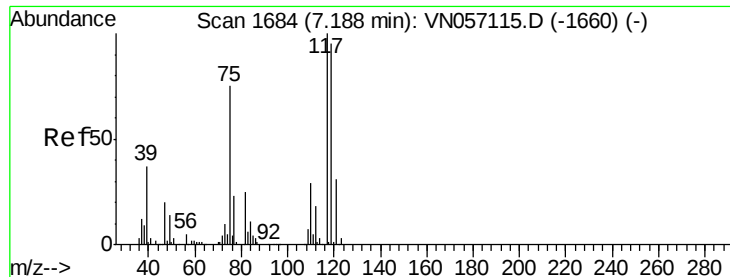
Tgt Ion: 113 Resp: 612239
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.3 121.9
 192 23.3 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 5.186 ug/l
 RT: 7.05 min Scan# 1642
 Delta R.T. -0.15 min
 Lab File: VN057124.D
 Acq: 8 Aug 2019 11:56

Tgt Ion: 75 Resp: 86016
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.7 56.1#
 77 0.0 25.0 37.4#

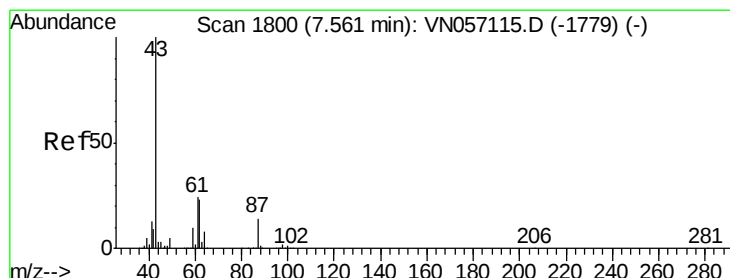
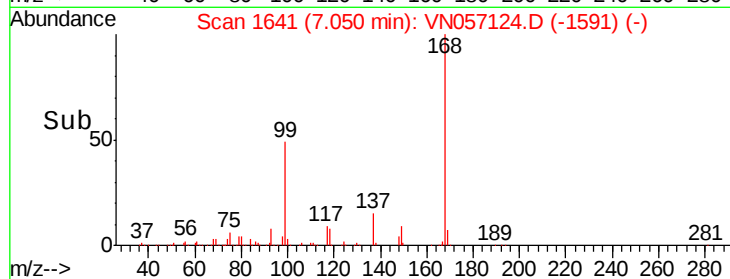
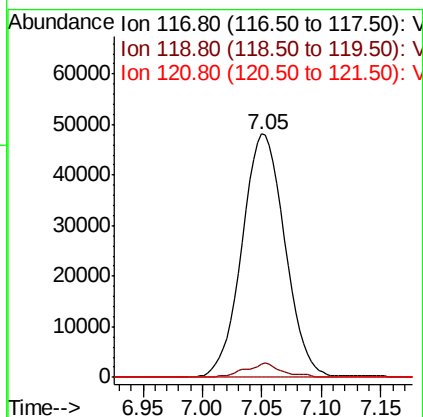
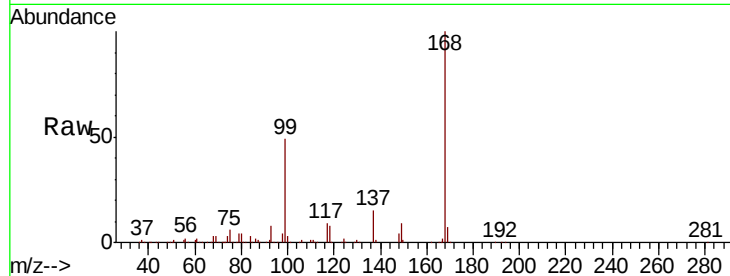




#38
Carbon Tetrachloride
Concen: 6.971 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.14 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

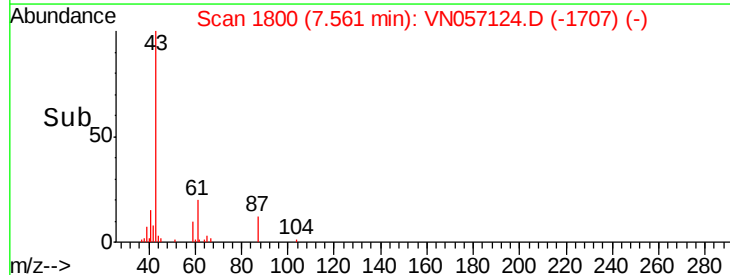
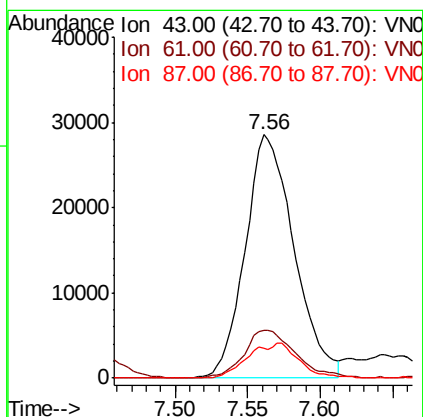
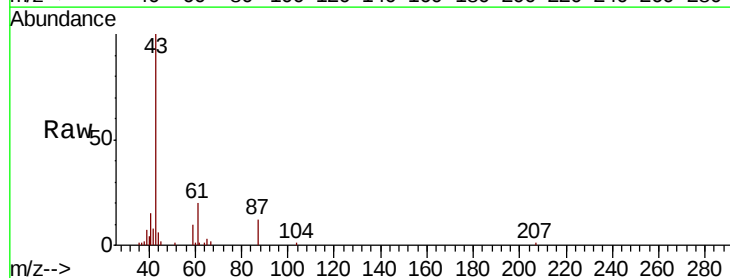
Instrument :
MSVOA_N
ClientSampleId :
PB122061TB

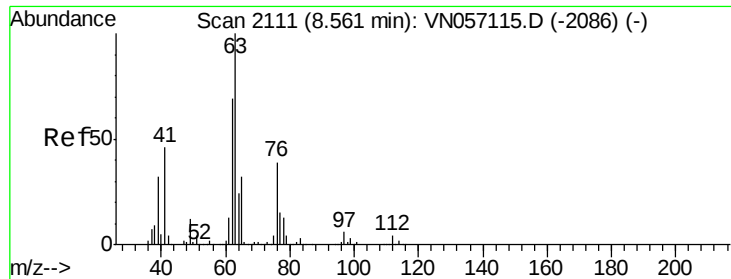
Tgt Ion:117 Resp: 120506
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 2.869 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

Tgt Ion: 43 Resp: 66937
Ion Ratio Lower Upper
43 100
61 20.7 24.2 36.2#
87 15.0 11.8 17.8

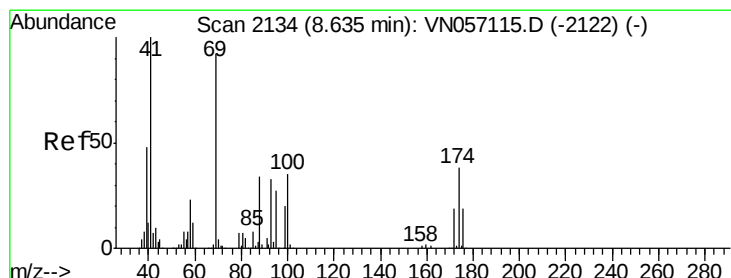
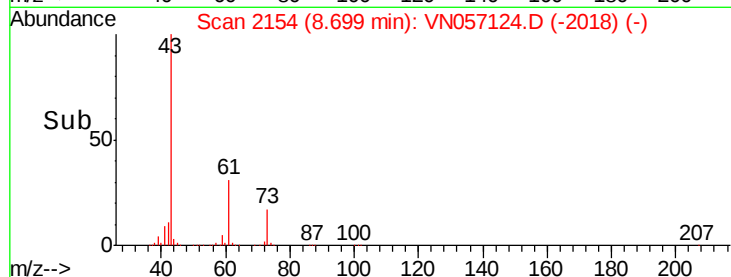
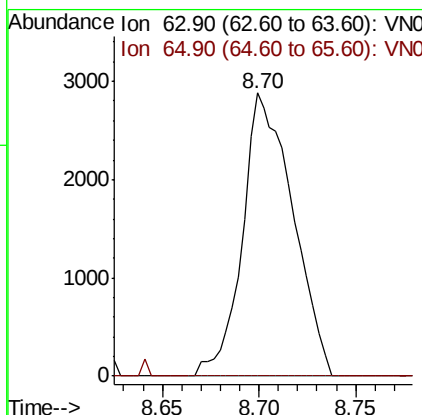
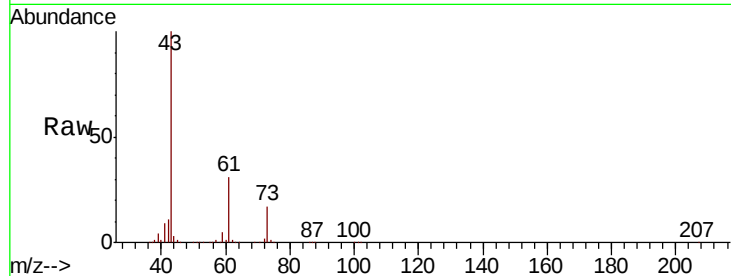




#45
 1,2-Dichloropropane
 Concen: 0.385 ug/l
 RT: 8.70 min Scan# 2154
 Delta R.T. 0.14 min
 Lab File: VN057124.D
 Acq: 8 Aug 2019 11:56

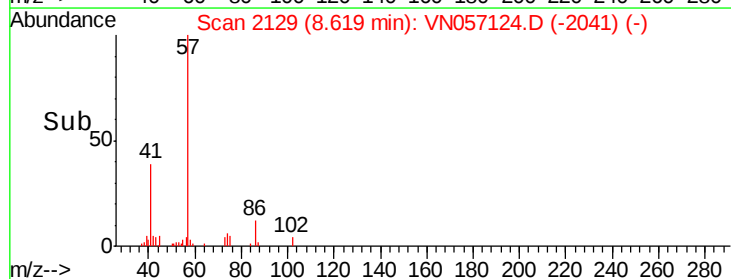
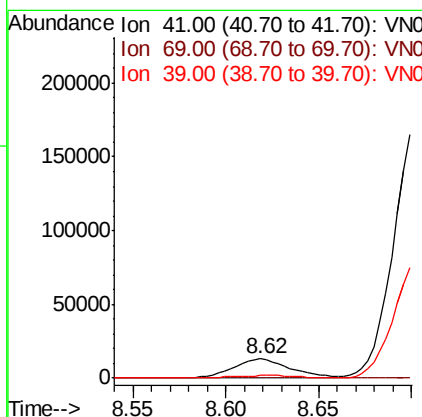
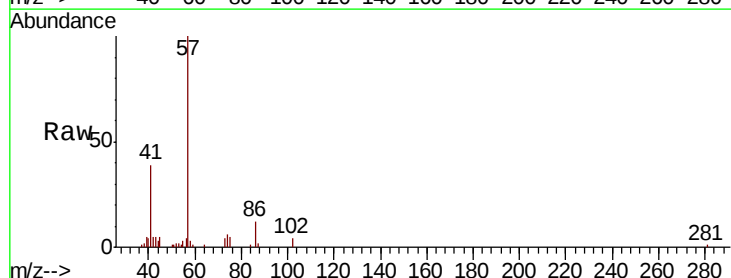
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122061TB

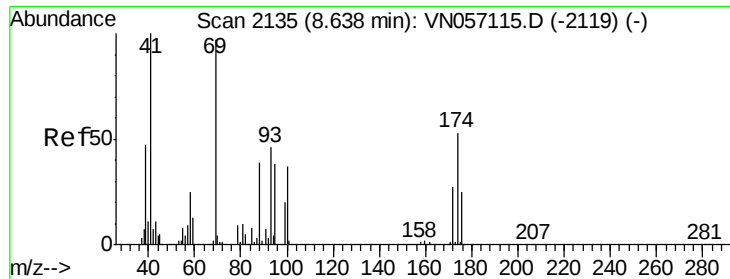
Tgt Ion: 63 Resp: 5230
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.2 37.8#



#48
 Methyl methacrylate
 Concen: 2.387 ug/l
 RT: 8.62 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: VN057124.D
 Acq: 8 Aug 2019 11:56

Tgt Ion: 41 Resp: 26258
 Ion Ratio Lower Upper
 41 100
 69 0.0 77.5 116.3#
 39 0.0 39.8 59.6#

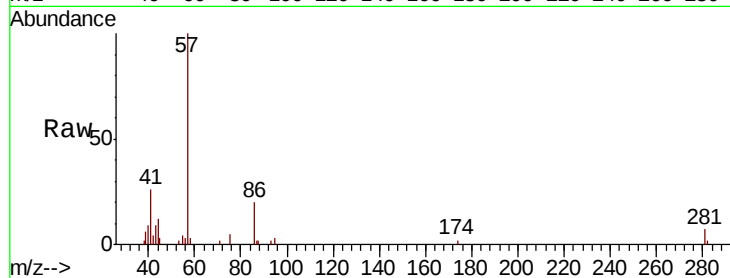




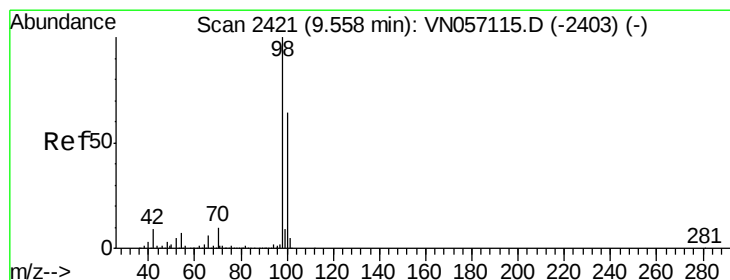
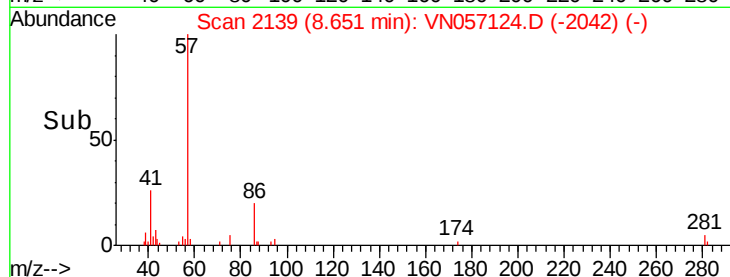
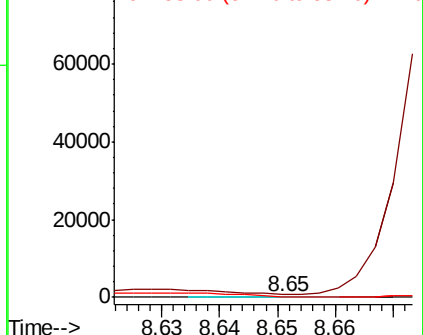
#49
1,4-Dioxane
Concen: 0.741 ug/l
RT: 8.65 min Scan# 2139
Delta R.T. 0.01 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
PB122061TB

Tgt Ion: 88 Resp: 166
Ion Ratio Lower Upper
88 100
43 0.0 21.7 32.5#
58 1527.1 51.1 76.7#

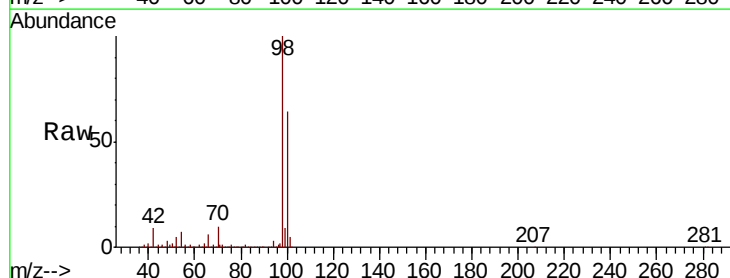


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

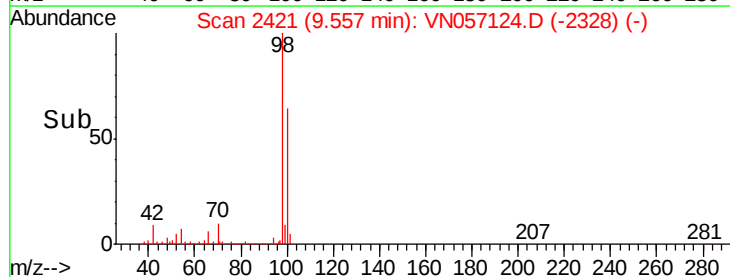
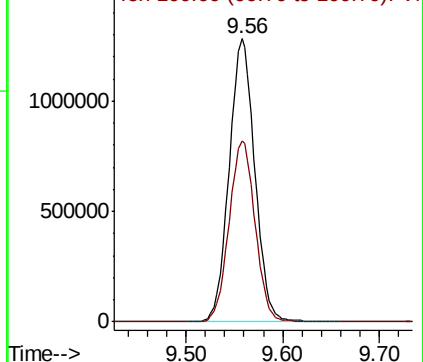


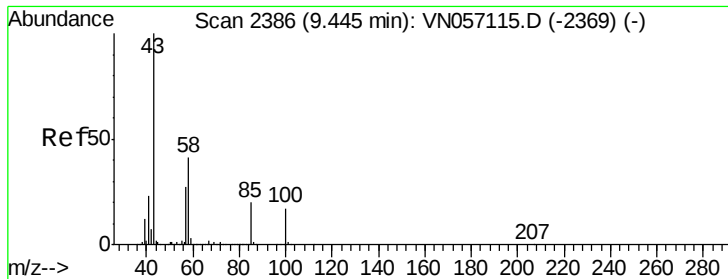
#50
Toluene-d8
Concen: 48.702 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

Tgt Ion: 98 Resp: 2355412
Ion Ratio Lower Upper
98 100
100 64.9 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: 0.939 ug/l

RT: 9.44 min Scan# 2386

Delta R.T. -0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

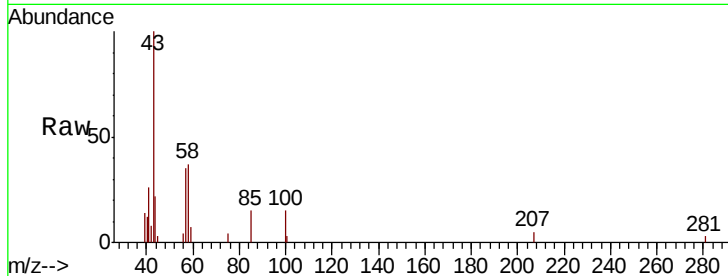
PB122061TB

Tgt Ion: 43 Resp: 12755

Ion Ratio Lower Upper

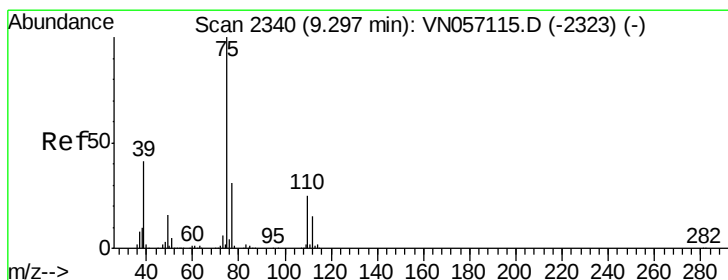
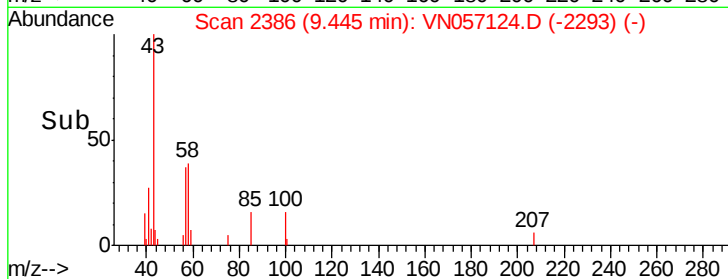
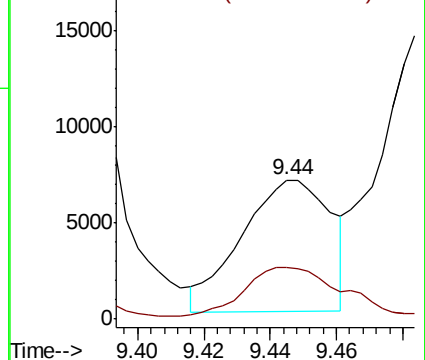
43 100

58 41.6 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: 9.343 ug/l

RT: 9.36 min Scan# 2360

Delta R.T. 0.06 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

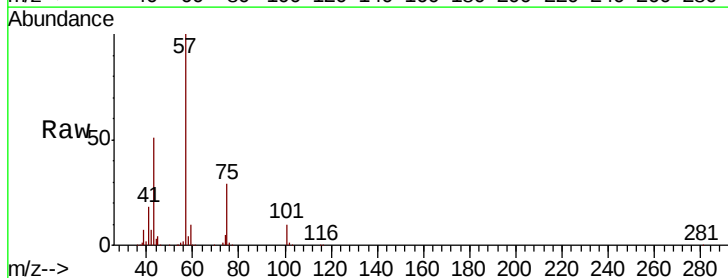
Tgt Ion: 75 Resp: 188921

Ion Ratio Lower Upper

75 100

77 0.6 25.1 37.7#

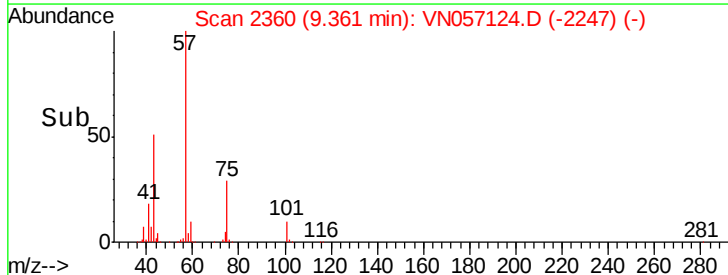
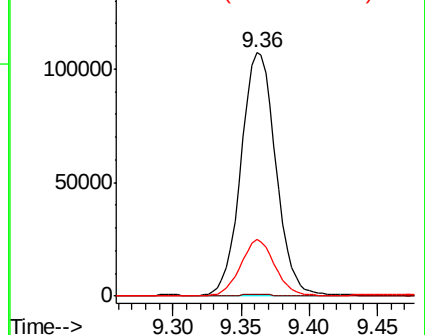
39 23.1 32.5 48.7#

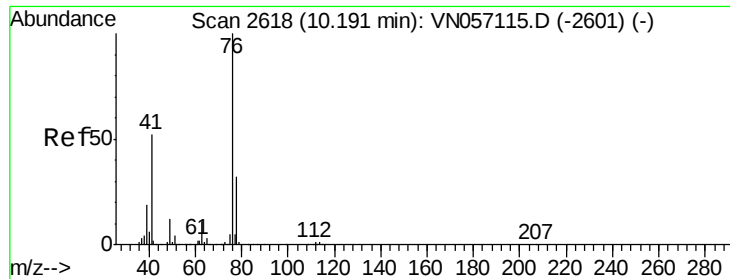


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

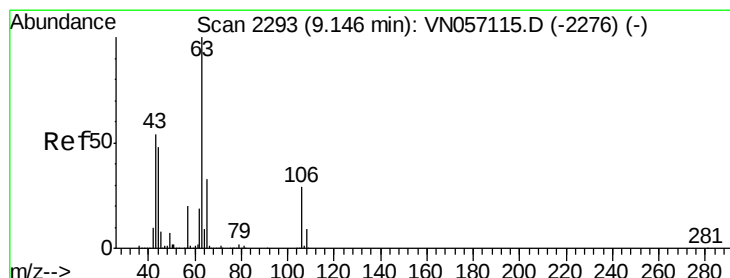
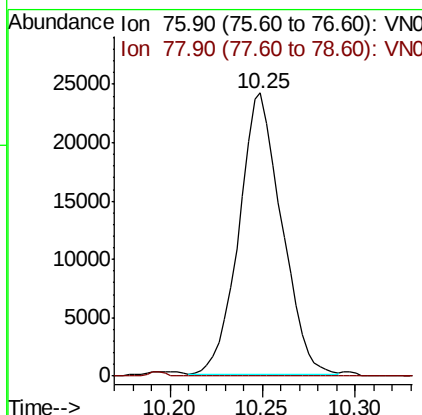
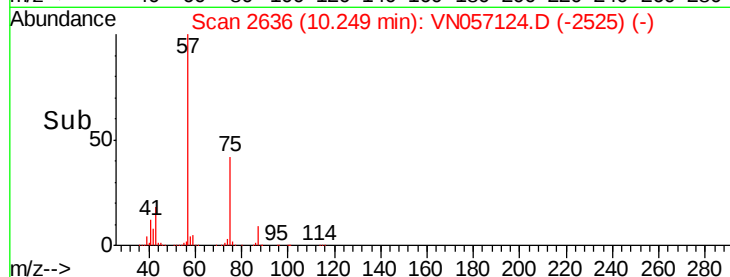
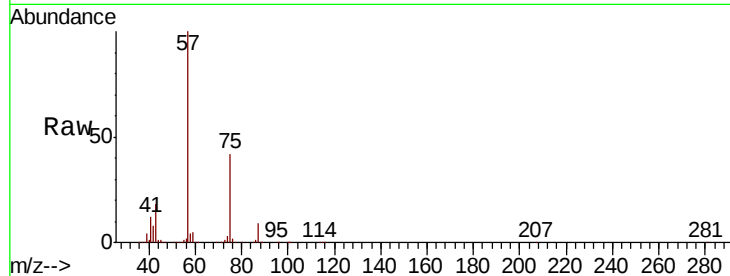




#57
 1,3-Dichloropropane
 Concen: 1.809 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.06 min
 Lab File: VN057124.D
 Acq: 8 Aug 2019 11:56

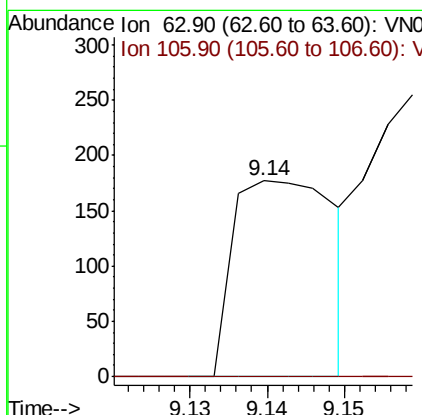
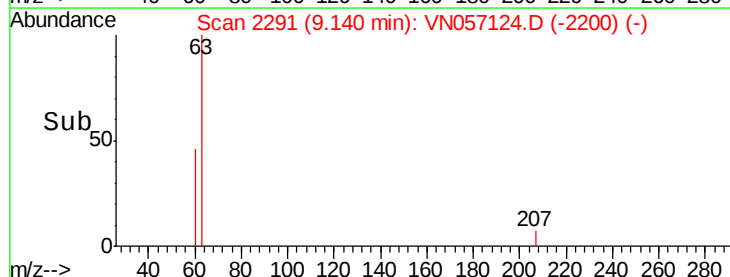
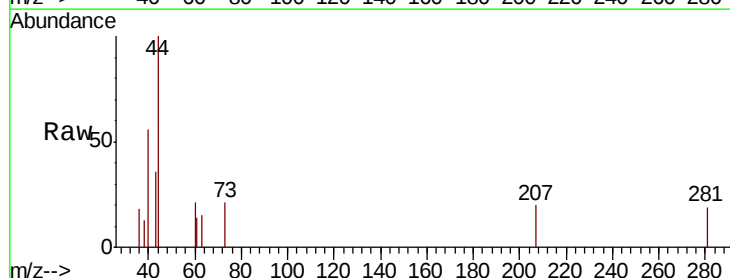
Instrument :
 MSVOA_N
 ClientSampled :
 PB122061TB

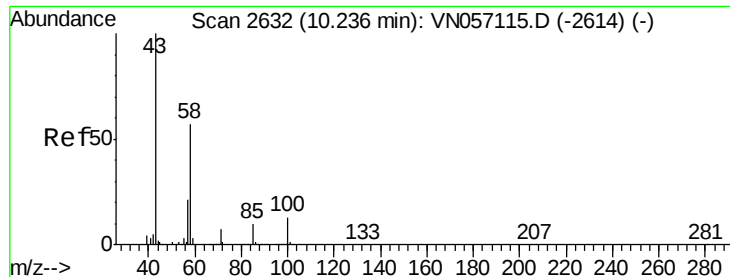
Tgt Ion: 76 Resp: 38240
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#58
 2-Chloroethyl Vinyl ether
 Concen: 13.137 ug/l
 RT: 9.14 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: VN057124.D
 Acq: 8 Aug 2019 11:56

Tgt Ion: 63 Resp: 162
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.6 33.8#

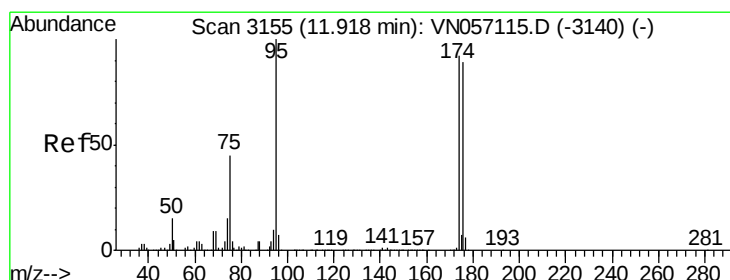
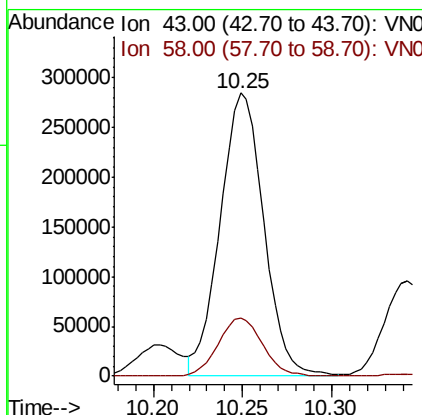
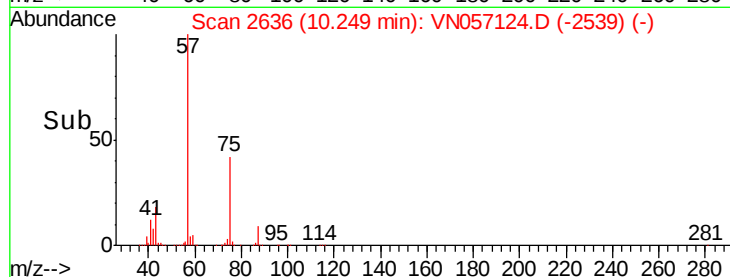
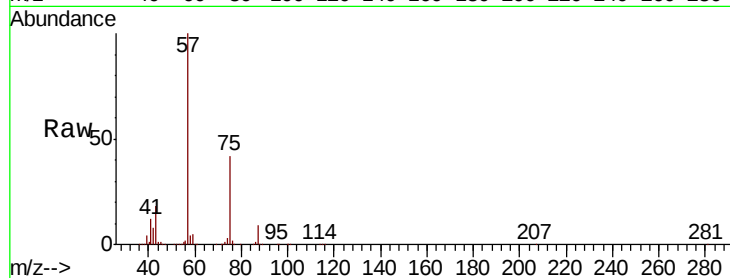




#59
2-Hexanone
Concen: 52.228 ug/l
RT: 10.25 min Scan# 2636
Delta R.T. 0.01 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

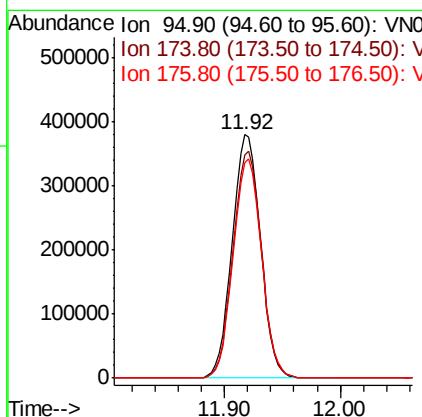
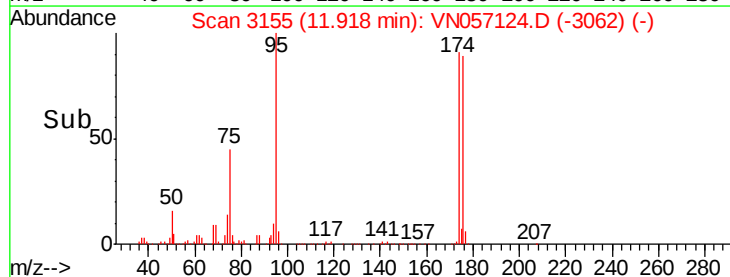
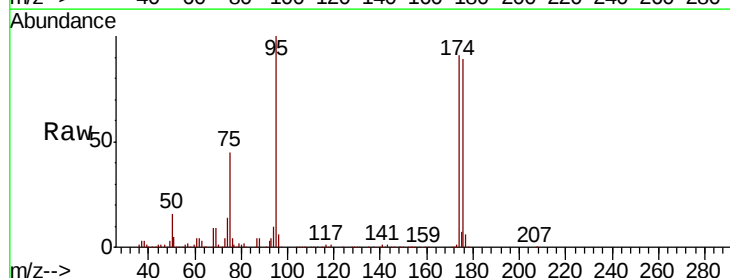
Instrument :
MSVOA_N
ClientSampleId :
PB122061TB

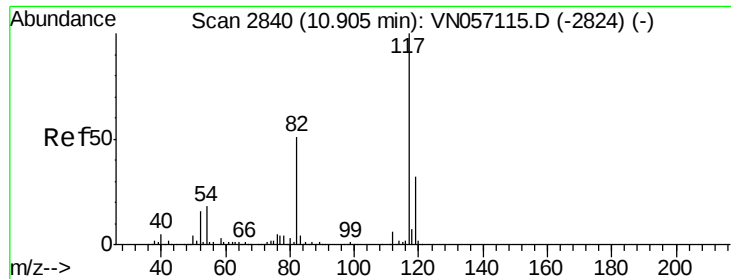
Tgt Ion: 43 Resp: 480012
Ion Ratio Lower Upper
43 100
58 20.9 29.2 87.6#



#62
4-Bromofluorobenzene
Concen: 41.135 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

Tgt Ion: 95 Resp: 641014
Ion Ratio Lower Upper
95 100
174 93.6 0.0 185.0
176 90.3 0.0 181.2

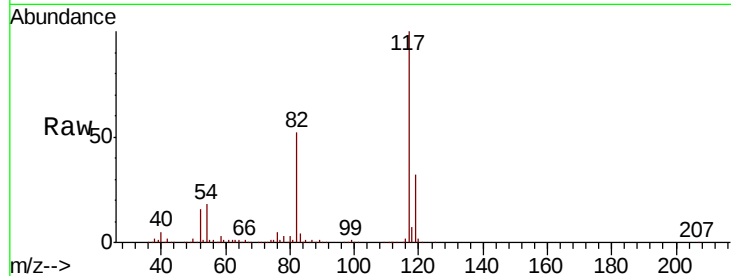




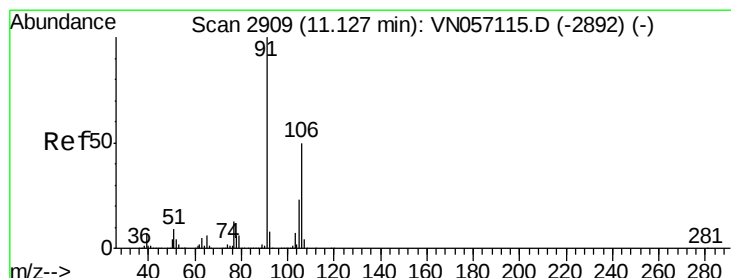
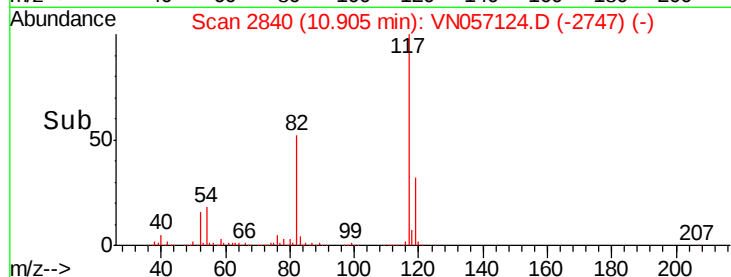
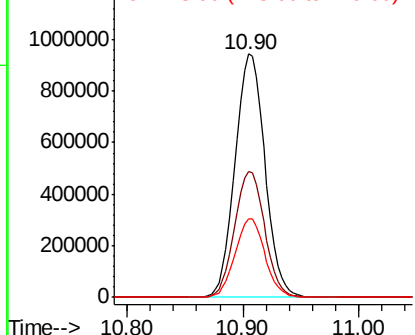
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
PB122061TB

Tgt Ion:117 Resp: 1681211
Ion Ratio Lower Upper
117 100
82 51.8 40.8 61.2
119 32.4 25.7 38.5

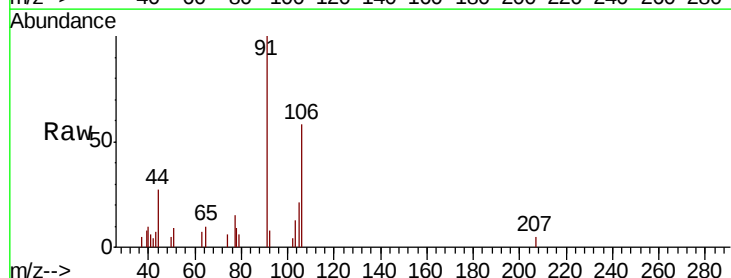


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

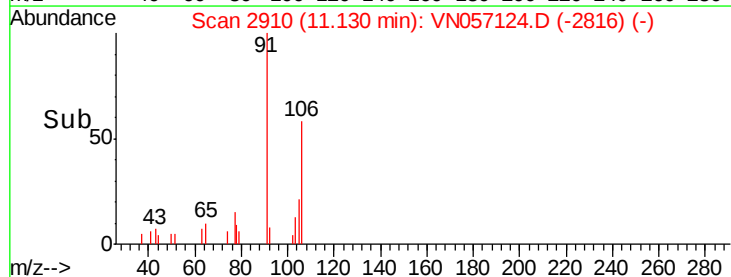
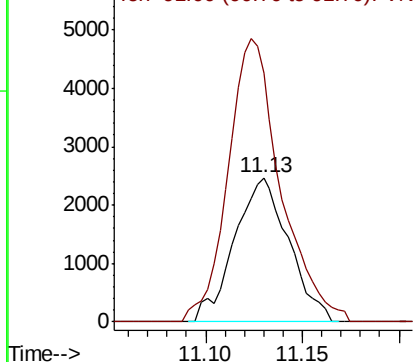


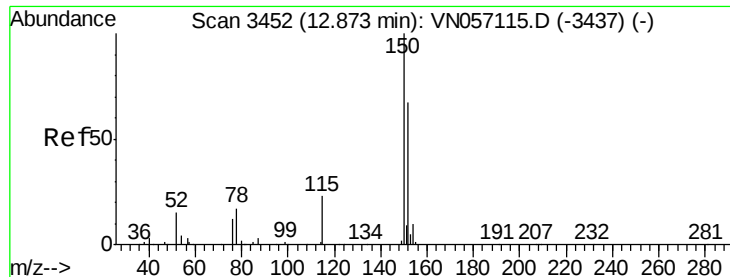
#68
m/p-Xylenes
Concen: 0.224 ug/l
RT: 11.13 min Scan# 2910
Delta R.T. 0.00 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

Tgt Ion:106 Resp: 4807
Ion Ratio Lower Upper
106 100
91 190.9 159.8 239.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

PB122061TB

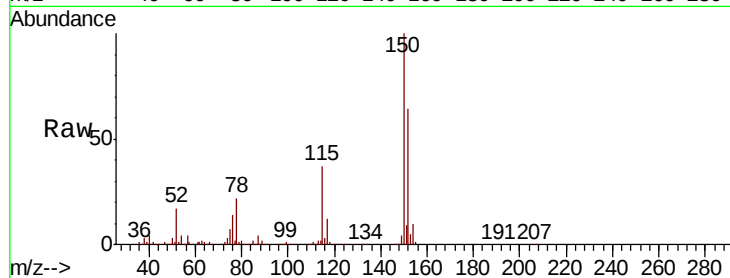
Tgt Ion:152 Resp: 440213

Ion Ratio Lower Upper

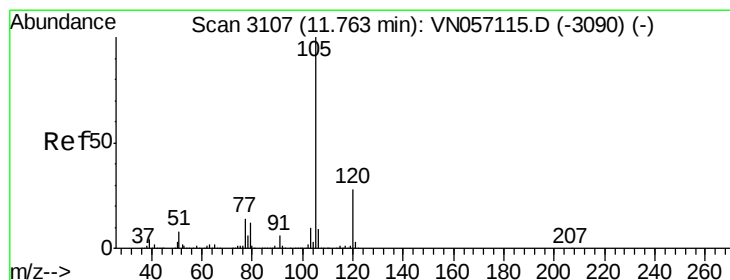
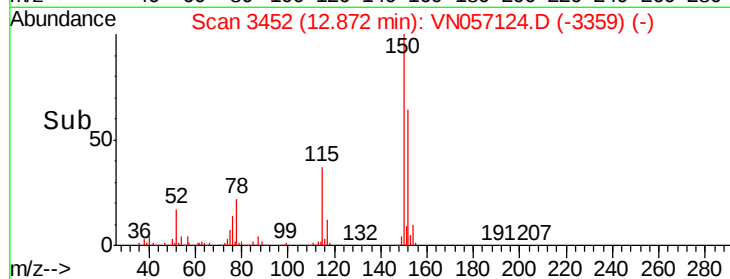
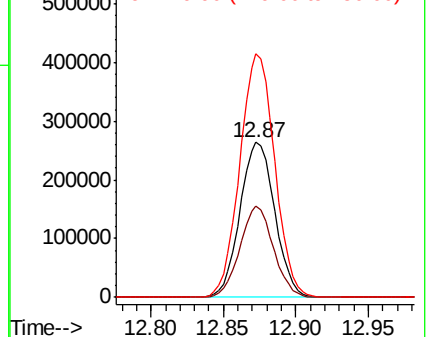
152 100

115 56.9 27.5 82.5

150 157.5 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: 11.77 min Scan# 3108

Delta R.T. 0.00 min

Lab File: VN057124.D

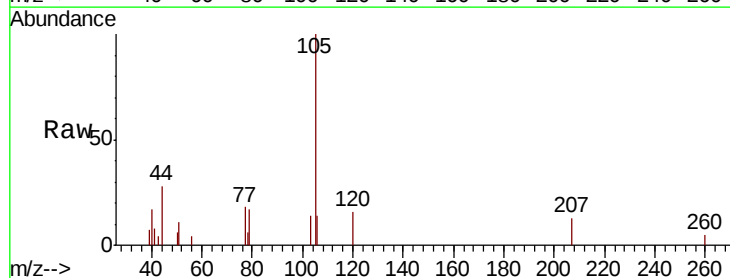
Acq: 8 Aug 2019 11:56

Tgt Ion:105 Resp: 5161

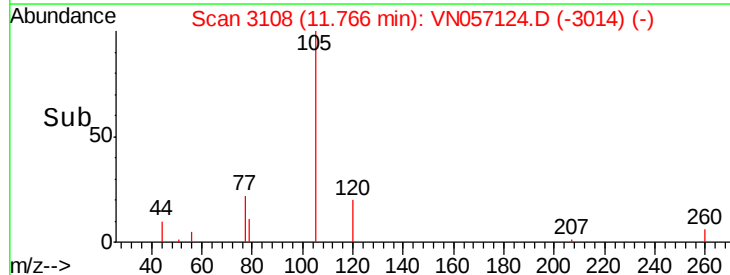
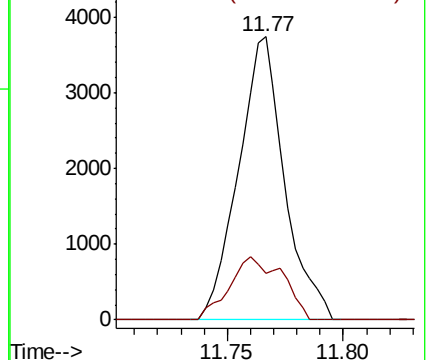
Ion Ratio Lower Upper

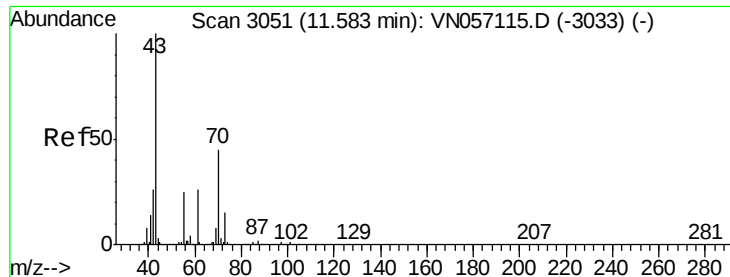
105 100

120 25.5 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: 0.329 ug/l

RT: 11.59 min Scan# 3053

Delta R.T. 0.01 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

PB122061TB

Tgt Ion: 43 Resp: 3665

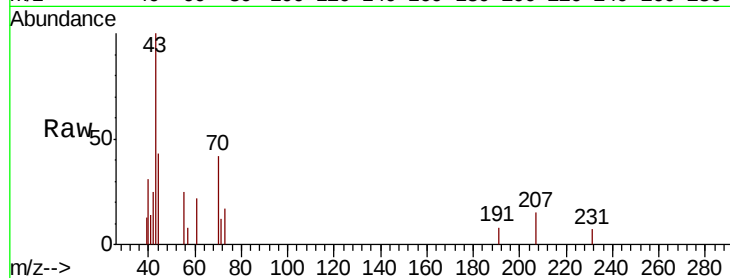
Ion Ratio Lower Upper

43 100

70 34.4 36.8 55.2#

55 19.6 20.6 31.0#

61 21.9 21.0 31.4

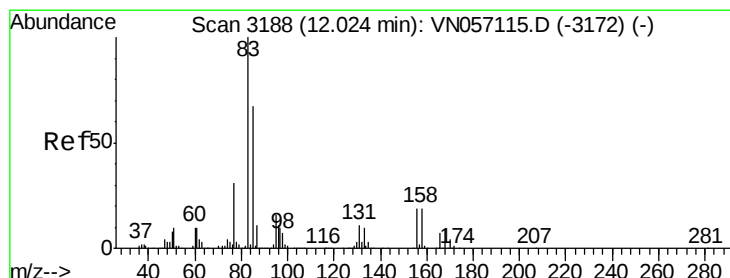
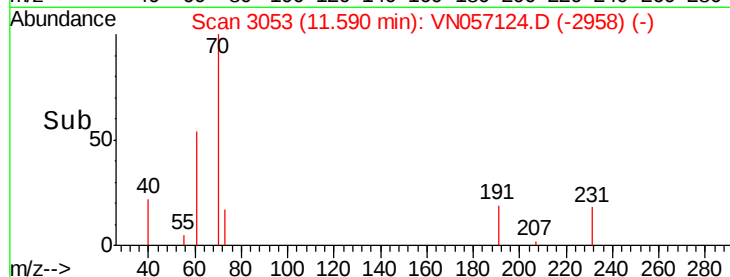
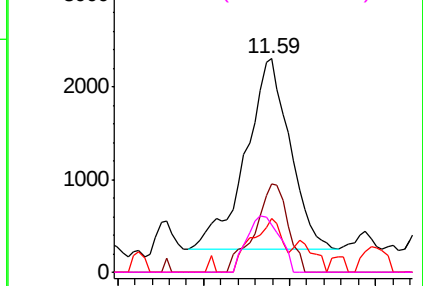


Abundance Ion 43.00 (42.70 to 43.70): VN0

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# 3187

Delta R.T. -0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

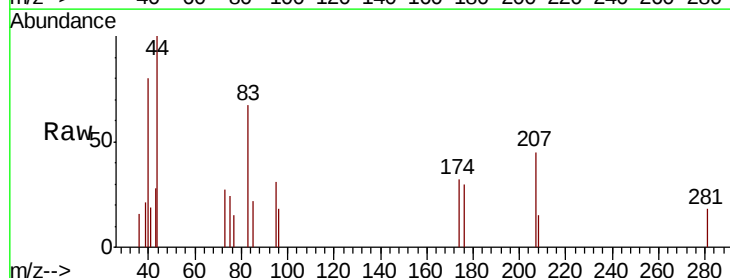
Tgt Ion: 83 Resp: 1036

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

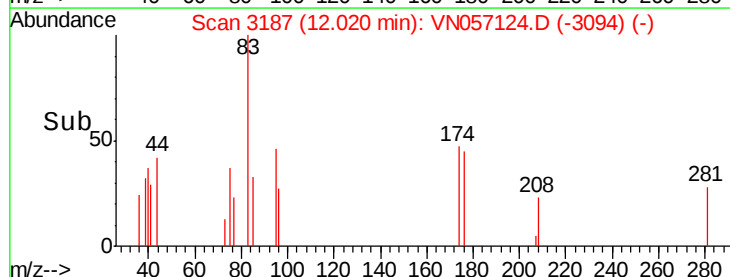
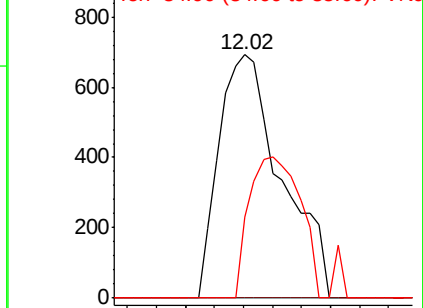
85 47.7 32.4 97.0

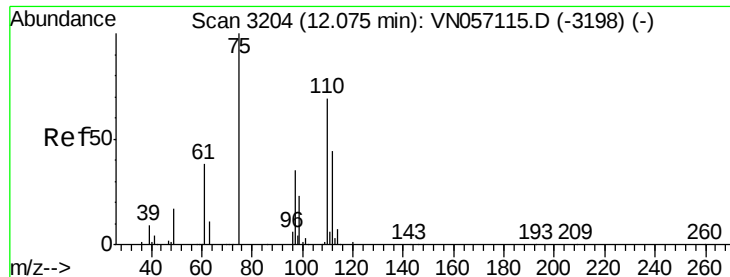


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 32.558 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.16 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

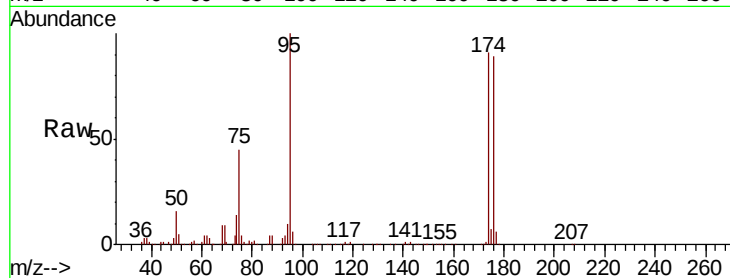
PB122061TB

Tgt Ion: 75 Resp: 288622

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

11.92

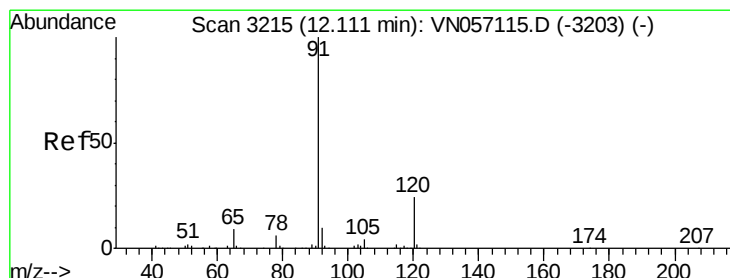
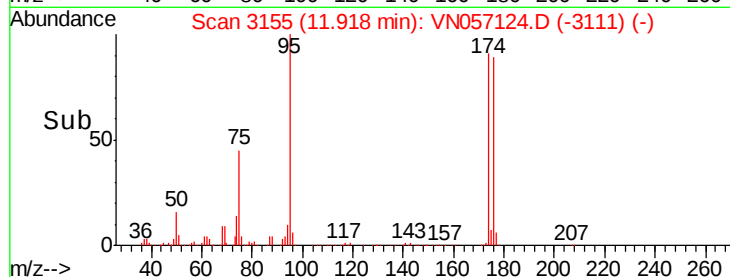
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.223 ug/l

RT: 12.12 min Scan# 3217

Delta R.T. 0.01 min

Lab File: VN057124.D

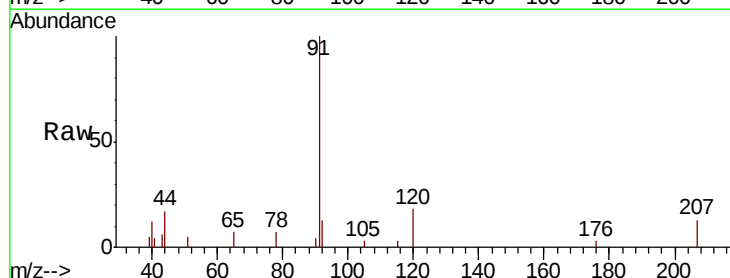
Acq: 8 Aug 2019 11:56

Tgt Ion: 91 Resp: 9407

Ion Ratio Lower Upper

91 100

120 18.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.12

6000

5000

4000

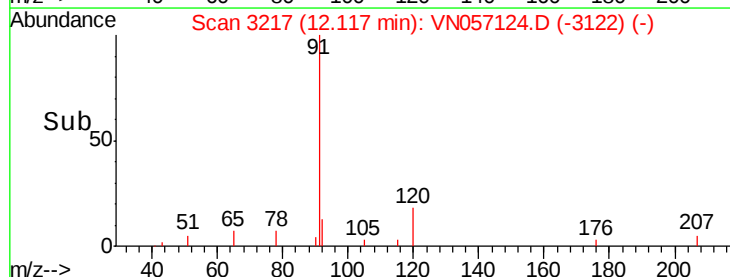
3000

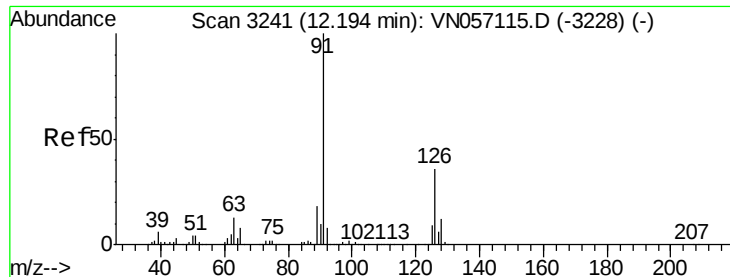
2000

1000

0

Time-->





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.19 min Scan# 3240

Delta R.T. -0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

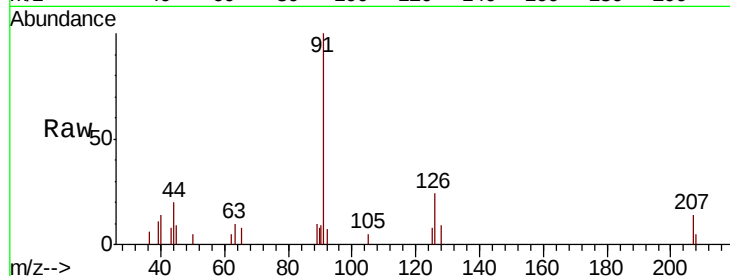
PB122061TB

Tgt Ion: 91 Resp: 5660

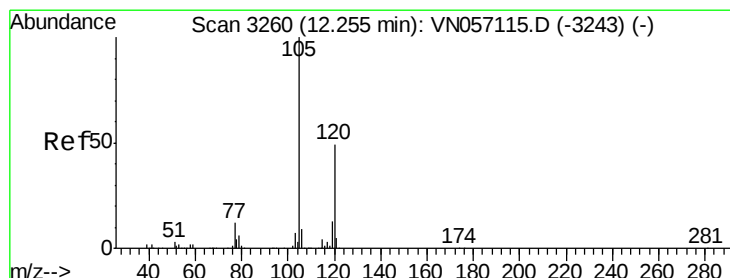
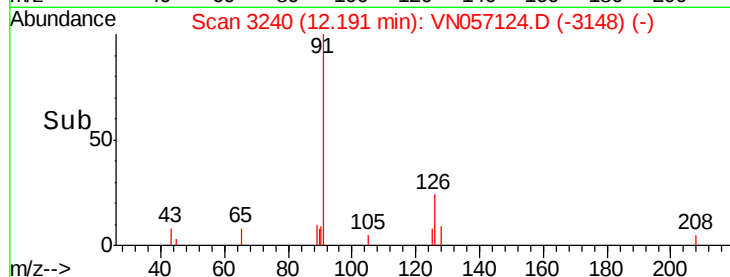
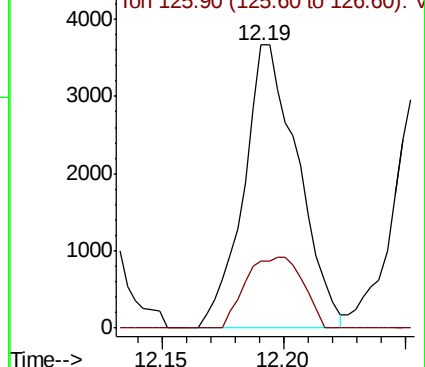
Ion Ratio Lower Upper

91 100

126 26.4 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3228) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.407 ug/l

RT: 12.26 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN057124.D

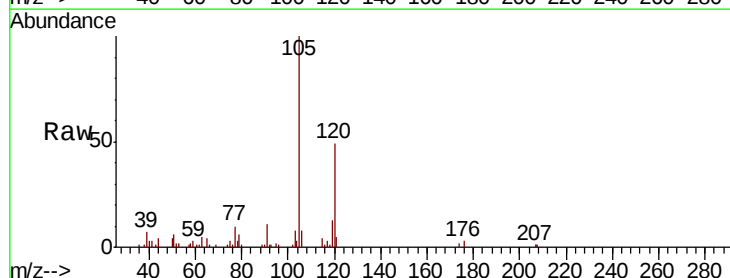
Acq: 8 Aug 2019 11:56

Tgt Ion: 105 Resp: 47829

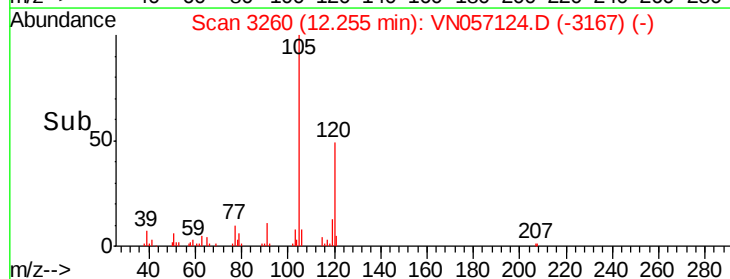
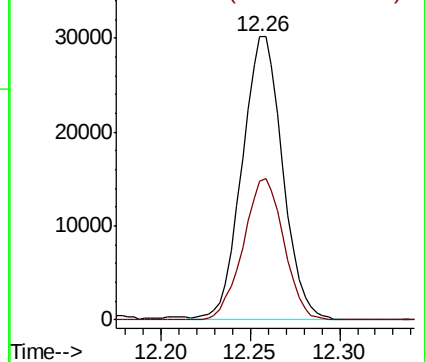
Ion Ratio Lower Upper

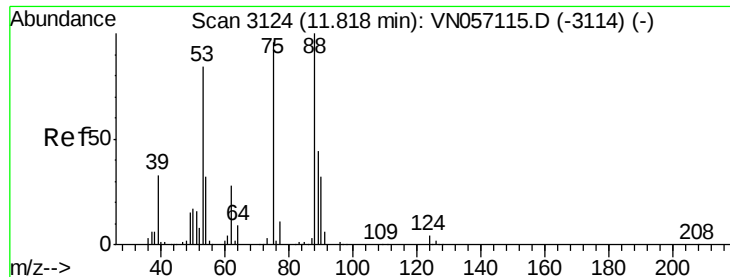
105 100

120 49.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN057115.D (-3243) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 96.402 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. 0.10 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

PB122061TB

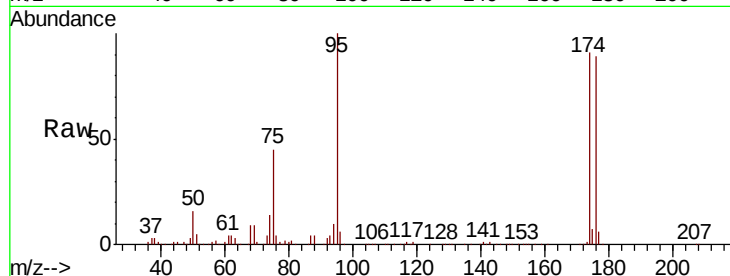
Tgt Ion: 75 Resp: 288622

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

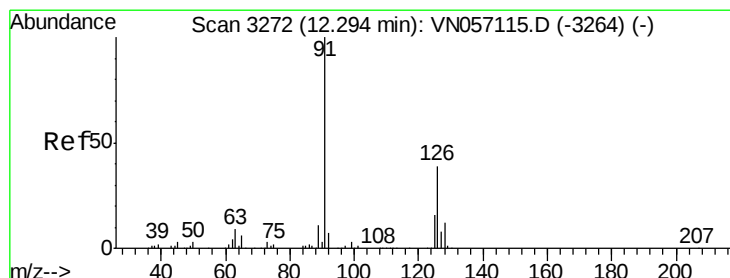
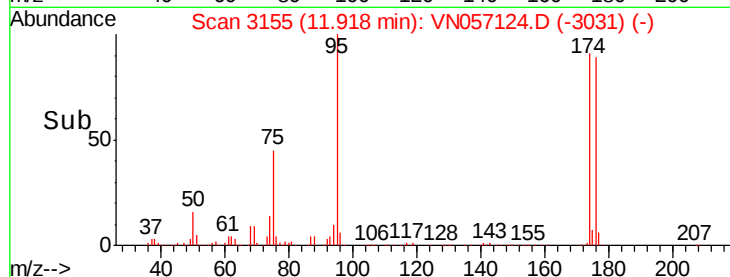
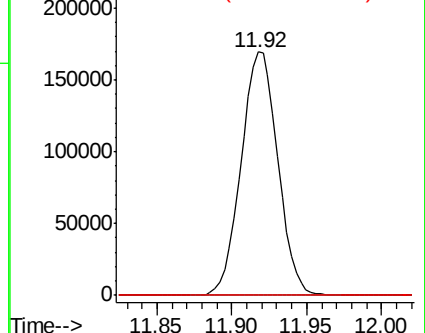
89 0.0 36.4 54.6#



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: 0.274 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057124.D

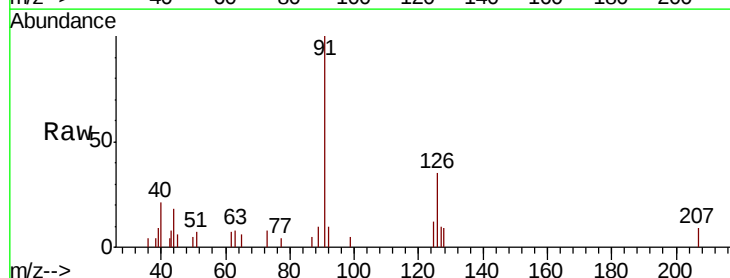
Acq: 8 Aug 2019 11:56

Tgt Ion: 91 Resp: 6689

Ion Ratio Lower Upper

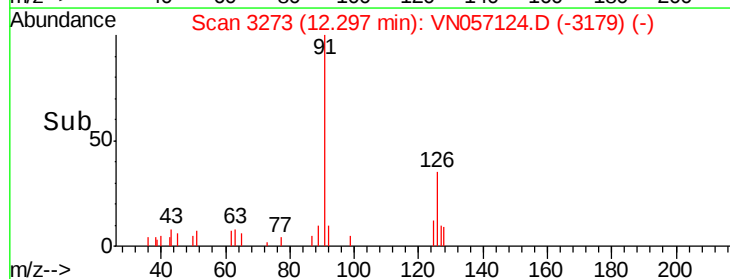
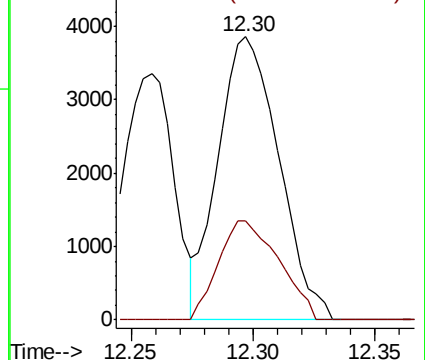
91 100

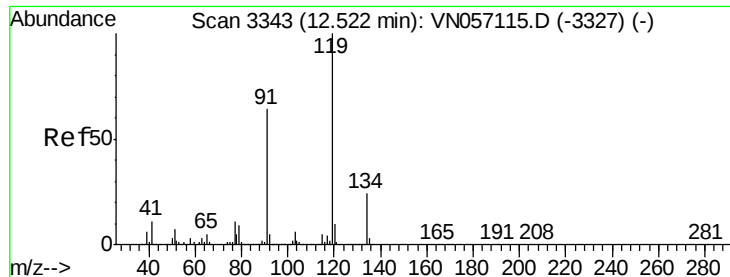
126 34.8 17.9 53.7



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# 3342

Delta R.T. -0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

PB122061TB

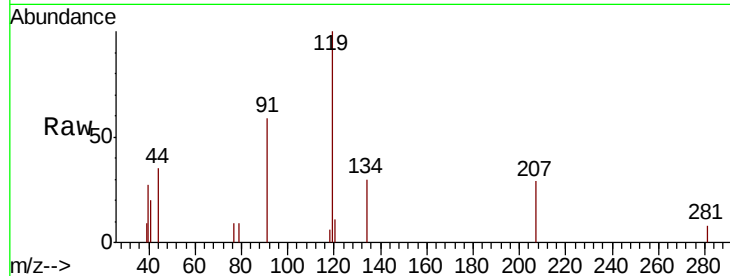
Tgt Ion:119 Resp: 4553

Ion Ratio Lower Upper

119 100

91 65.4 31.4 94.2

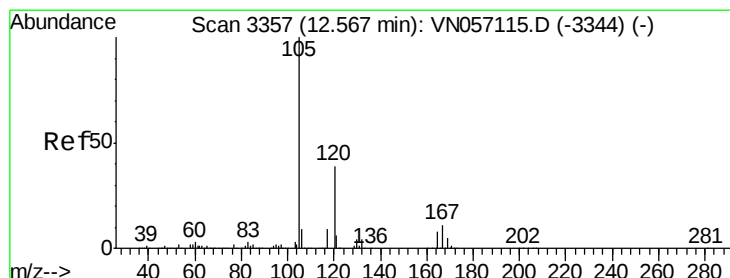
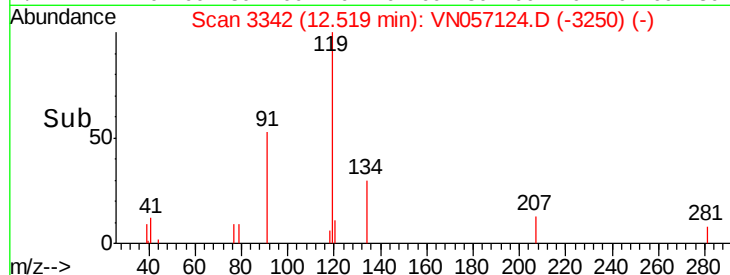
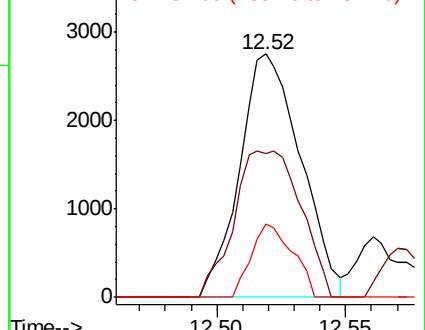
134 20.4 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.245 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN057124.D

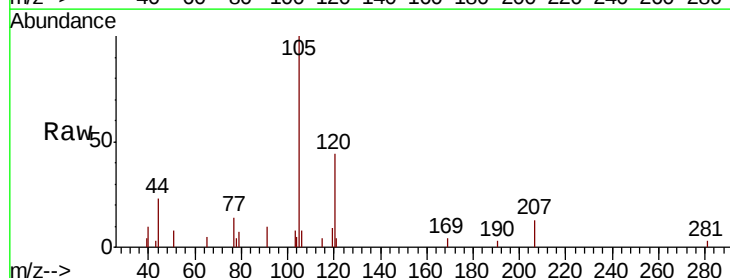
Acq: 8 Aug 2019 11:56

Tgt Ion:105 Resp: 8061

Ion Ratio Lower Upper

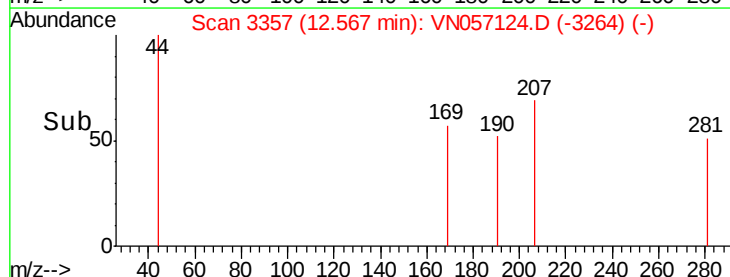
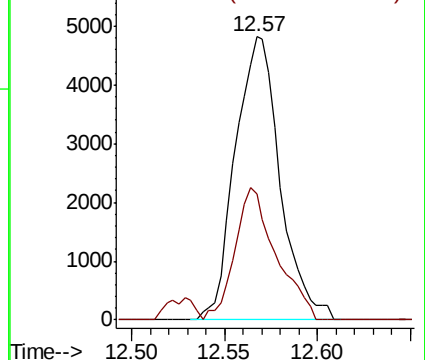
105 100

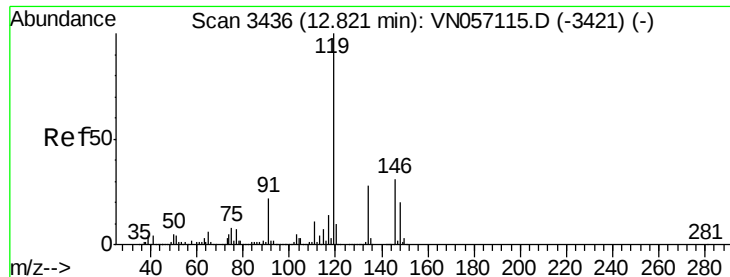
120 42.7 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

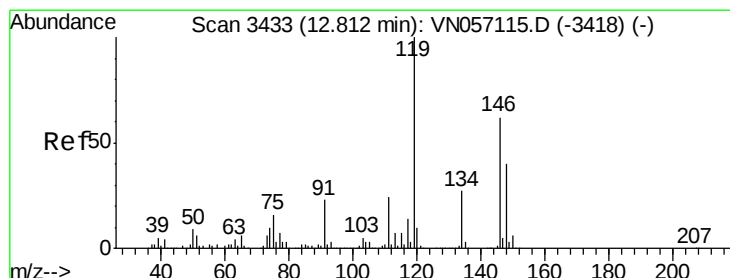
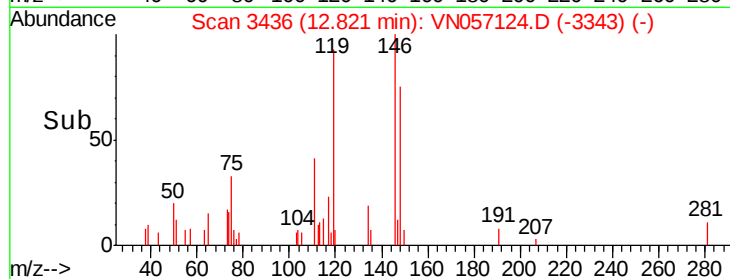
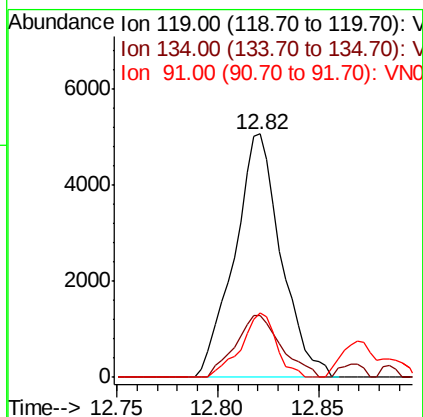
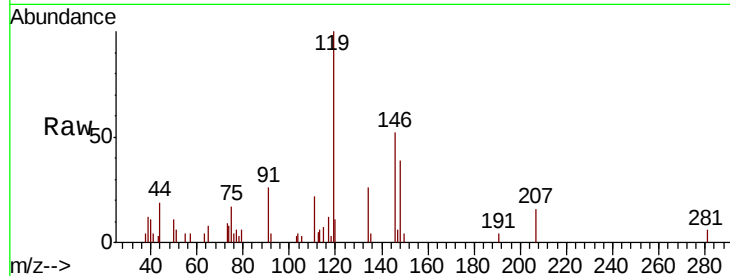




#86
p-Isopropyltoluene
Concen: 0.243 ug/l
RT: 12.82 min Scan# 3436
Delta R.T. -0.00 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

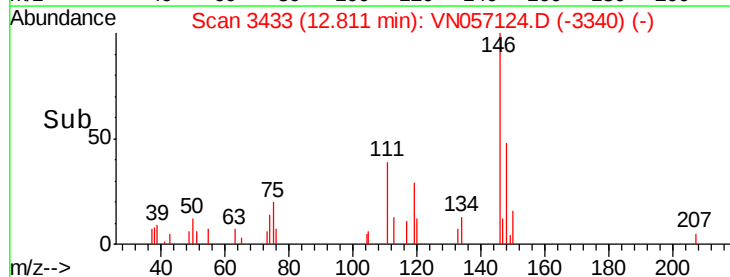
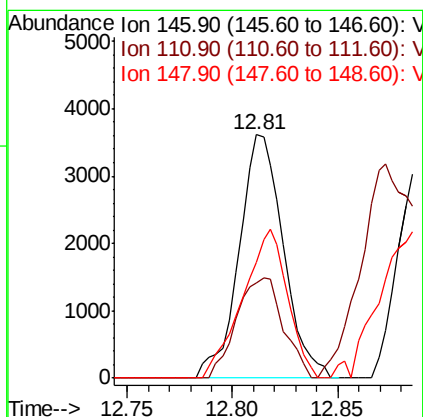
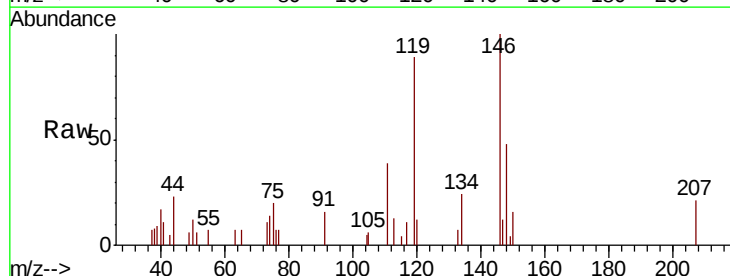
Instrument :
MSVOA_N
ClientSampleId :
PB122061TB

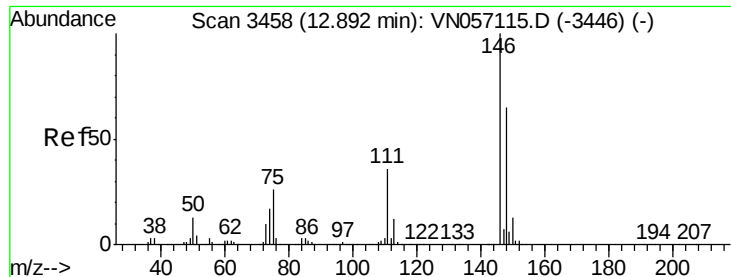
Tgt Ion:119 Resp: 8185
Ion Ratio Lower Upper
119 100
134 25.1 13.8 41.3
91 20.2 11.0 33.0



#87
1,3-Dichlorobenzene
Concen: 0.350 ug/l
RT: 12.81 min Scan# 3433
Delta R.T. -0.00 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

Tgt Ion:146 Resp: 5278
Ion Ratio Lower Upper
146 100
111 43.3 18.8 56.4
148 62.1 32.4 97.0





#88

1,4-Dichlorobenzene

Concen: 0.370 ug/l

RT: 12.81 min Scan# 3433

Delta R.T. -0.08 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

PB122061TB

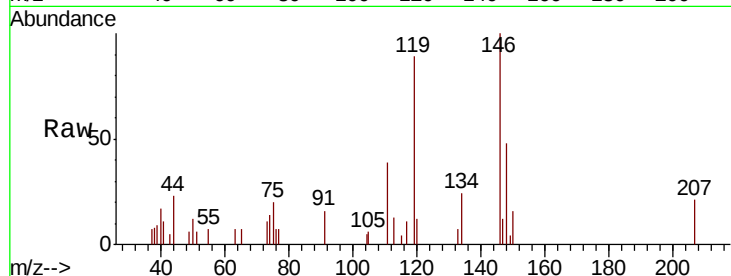
Tgt Ion:146 Resp: 5278

Ion Ratio Lower Upper

146 100

111 43.3 18.2 54.6

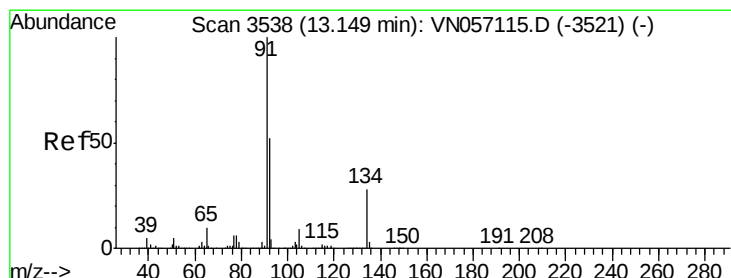
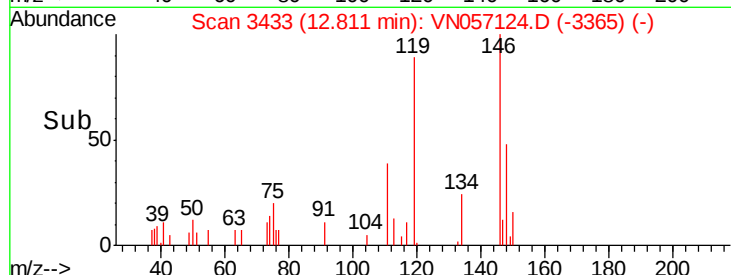
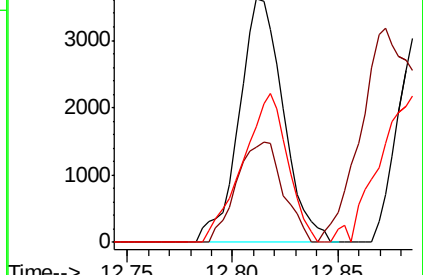
148 62.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.398 ug/l

RT: 13.15 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

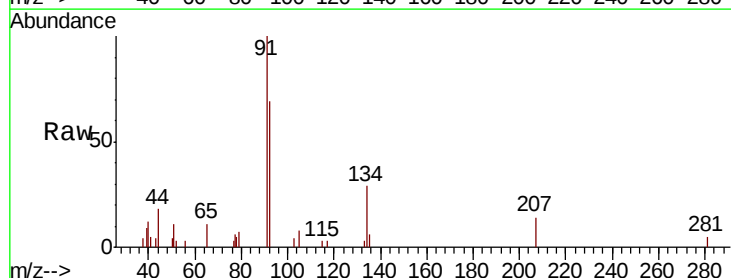
Tgt Ion: 91 Resp: 9244

Ion Ratio Lower Upper

91 100

92 63.7 26.5 79.4

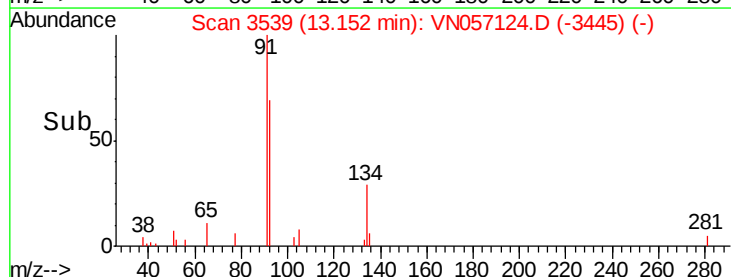
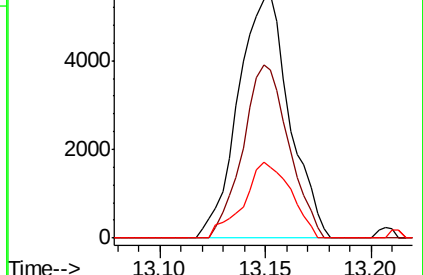
134 28.6 14.1 42.3

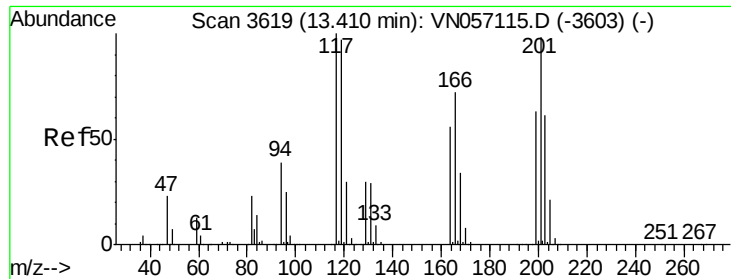


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.41 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

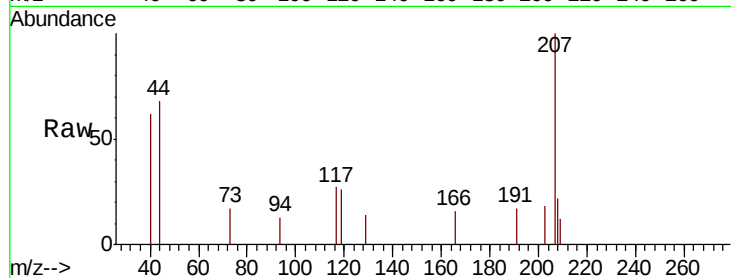
PB122061TB

Tgt Ion:117 Resp: 342

Ion Ratio Lower Upper

117 100

201 31.0 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.41

400

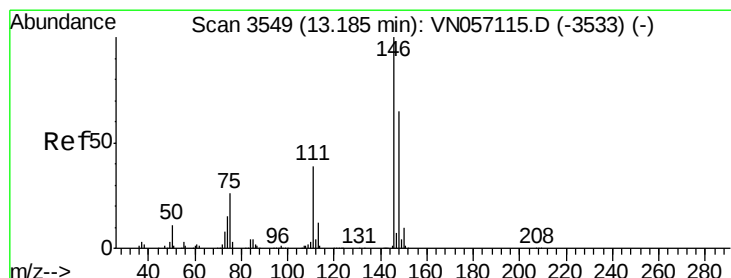
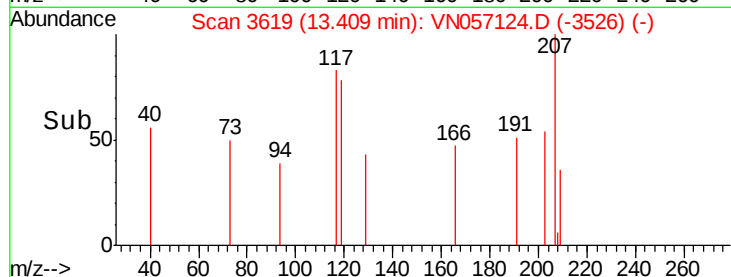
300

200

100

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.371 ug/l

RT: 13.19 min Scan# 3551

Delta R.T. 0.01 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

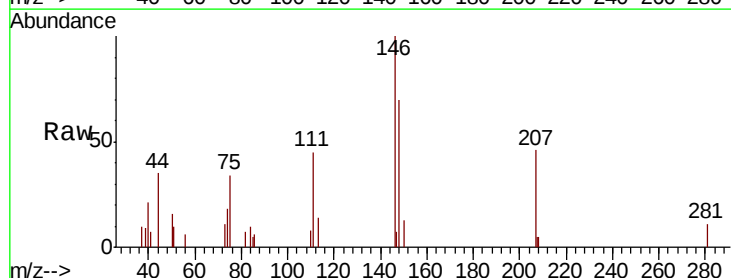
Tgt Ion:146 Resp: 5585

Ion Ratio Lower Upper

146 100

111 38.2 19.2 57.6

148 76.5 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

4000

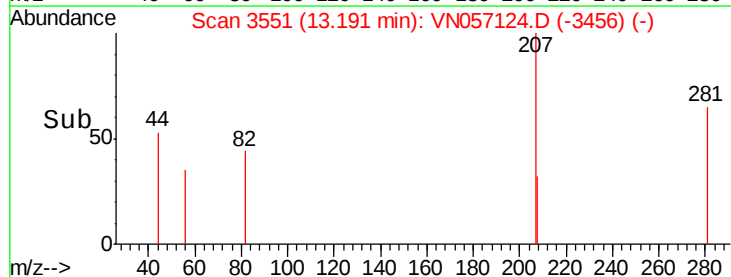
3000

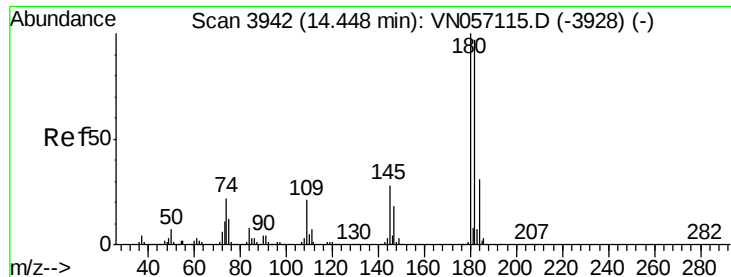
2000

1000

0

Time-->

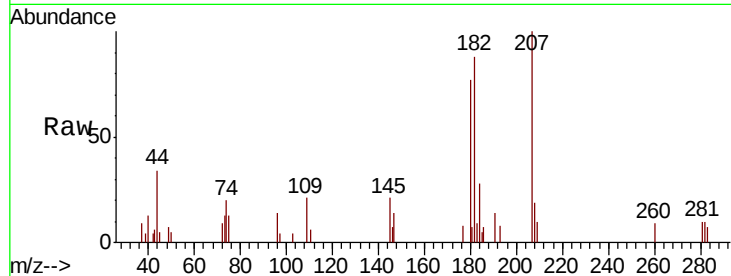




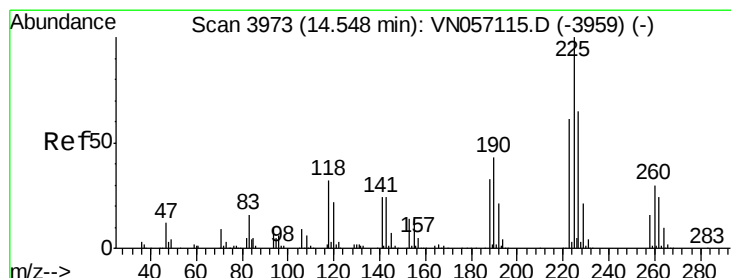
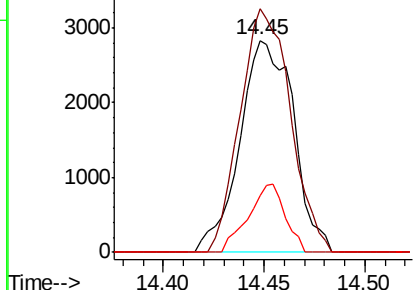
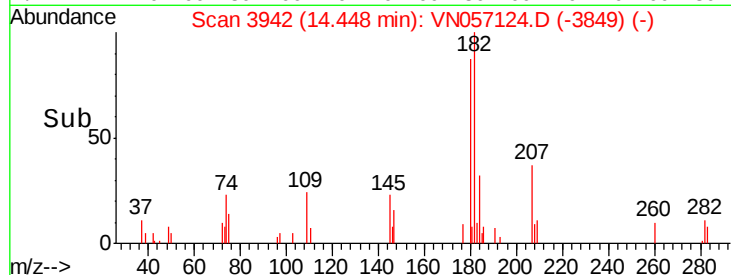
#93
 1,2,4-Trichlorobenzene
 Concen: 6.659 ug/l
 RT: 14.45 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VN057124.D
 Acq: 8 Aug 2019 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122061TB

Tgt Ion:180 Resp: 5274
 Ion Ratio Lower Upper
 180 100
 182 107.9 47.5 142.6
 145 22.2 14.1 42.2

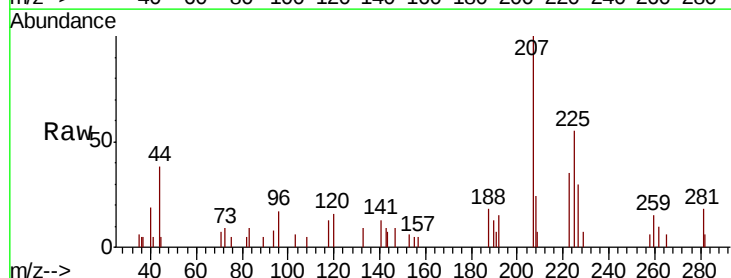


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

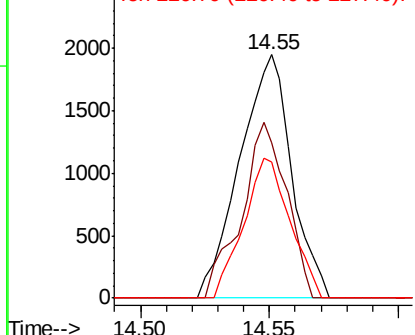
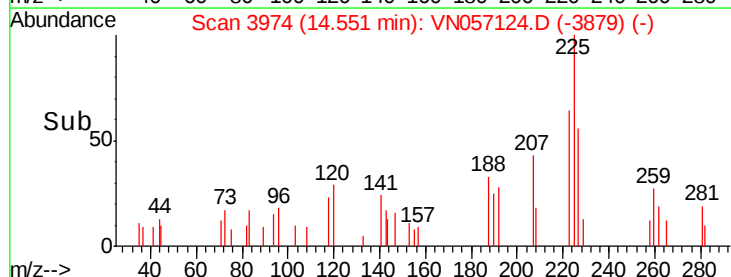


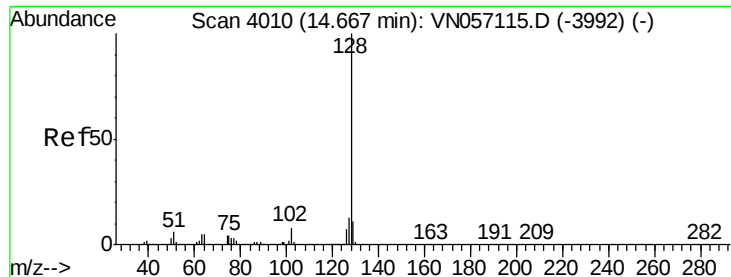
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 14.55 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VN057124.D
 Acq: 8 Aug 2019 11:56

Tgt Ion:225 Resp: 2738
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.9 92.8
 227 51.4 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: 3.679 ug/l

RT: 14.66 min Scan# 4009

Delta R.T. -0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

PB122061TB

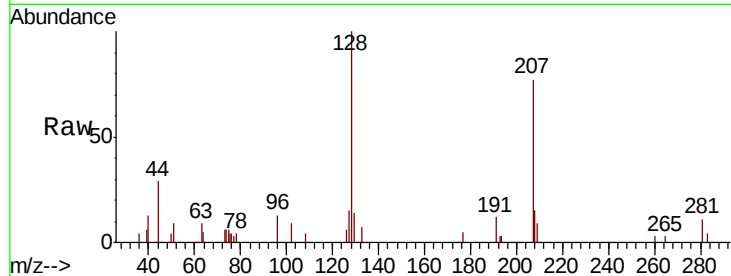
Tgt Ion:128 Resp: 9958

Ion Ratio Lower Upper

128 100

127 7.9 10.3 15.5#

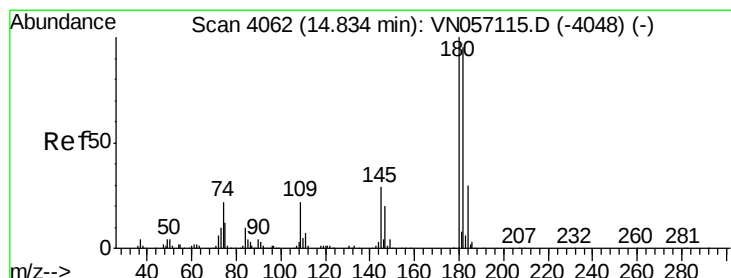
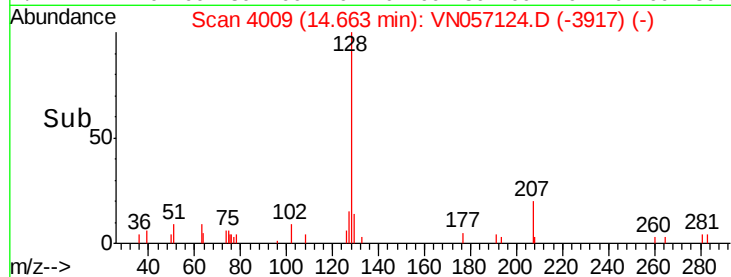
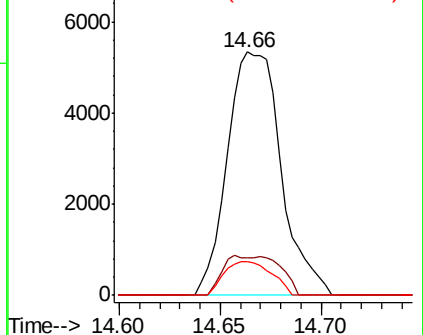
129 12.3 8.8 13.2



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: 6.607 ug/l

RT: 14.84 min Scan# 4063

Delta R.T. 0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

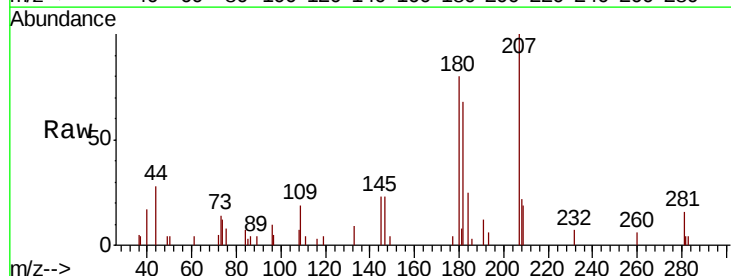
Tgt Ion:180 Resp: 6603

Ion Ratio Lower Upper

180 100

182 93.3 48.3 144.8

145 30.0 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

