

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
 Data File : VN057220.D
 Acq On : 12 Aug 2019 17:14
 Operator : JC/SP
 Sample : PB122155TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122155TB

Quant Time: Aug 13 01:46:20 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	1320447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1808301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1525647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	389313	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	607415	44.73	ug/l	0.00
Spiked Amount			Recovery	=	89.46%	
35) Dibromofluoromethane	6.99	113	552125	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
50) Toluene-d8	9.56	98	2125452	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.92	95	570276	40.77	ug/l	0.00
Spiked Amount			Recovery	=	81.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.14	74	6399	0.879	ug/l	100
11) Tert butyl alcohol	4.24	59	8604	4.452	ug/l #	74
16) Acetone	3.48	43	22610	5.513	ug/l	99
18) Methyl Acetate	3.90	43	21544	1.121	ug/l	96
20) Methylene Chloride	4.10	84	22851	1.688	ug/l	92
25) 2-Butanone	6.21	43	11207	1.789	ug/l	98
29) Tetrahydrofuran	6.61	42	1109	0.263	ug/l #	42
31) Cyclohexane	7.05	56	19379	0.984	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	80037	5.376	ug/l #	49
38) Carbon Tetrachloride	7.05	117	110191	7.102	ug/l #	16
43) Isopropyl Acetate	7.56	43	111432	5.320	ug/l #	88
45) 1,2-Dichloropropane	8.71	63	2444	0.200	ug/l #	43
48) Methyl methacrylate	8.62	41	6565	0.665	ug/l #	10
49) 1,4-Dioxane	8.71	88	251	1.248	ug/l #	1
51) 4-Methyl-2-Pentanone	9.45	43	8070	0.662	ug/l	97
54) cis-1,3-Dichloropropene	9.36	75	59605	3.284	ug/l #	61
57) 1,3-Dichloropropane	10.25	76	10671	0.562	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.15	63	32	13.120	ug/l #	47
59) 2-Hexanone	10.25	43	144911	17.565	ug/l #	52
60) Dibromochloromethane	10.11	129	4229	0.350	ug/l #	11
64) Tetrachloroethene	10.11	164	4709	0.371	ug/l	93
73) Isopropylbenzene	11.78	105	1067	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	12.02	83	30	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.92	75	259629	33.170	ug/l #	100
79) 2-Chlorotoluene	12.20	91	765	Below Cal		92
80) 1,3,5-Trimethylbenzene	12.26	105	12430	0.414	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.92	75	259629	98.056	ug/l #	14
83) tert-Butylbenzene	12.53	119	1024	Below Cal	#	82
93) 1,2,4-Trichlorobenzene	14.45	180	1130	6.107	ug/l #	90
94) Hexachlorobutadiene	14.55	225	299	Below Cal	#	44
95) Naphthalene	14.67	128	1958	2.998	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.84	180	1719	5.982	ug/l	85

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

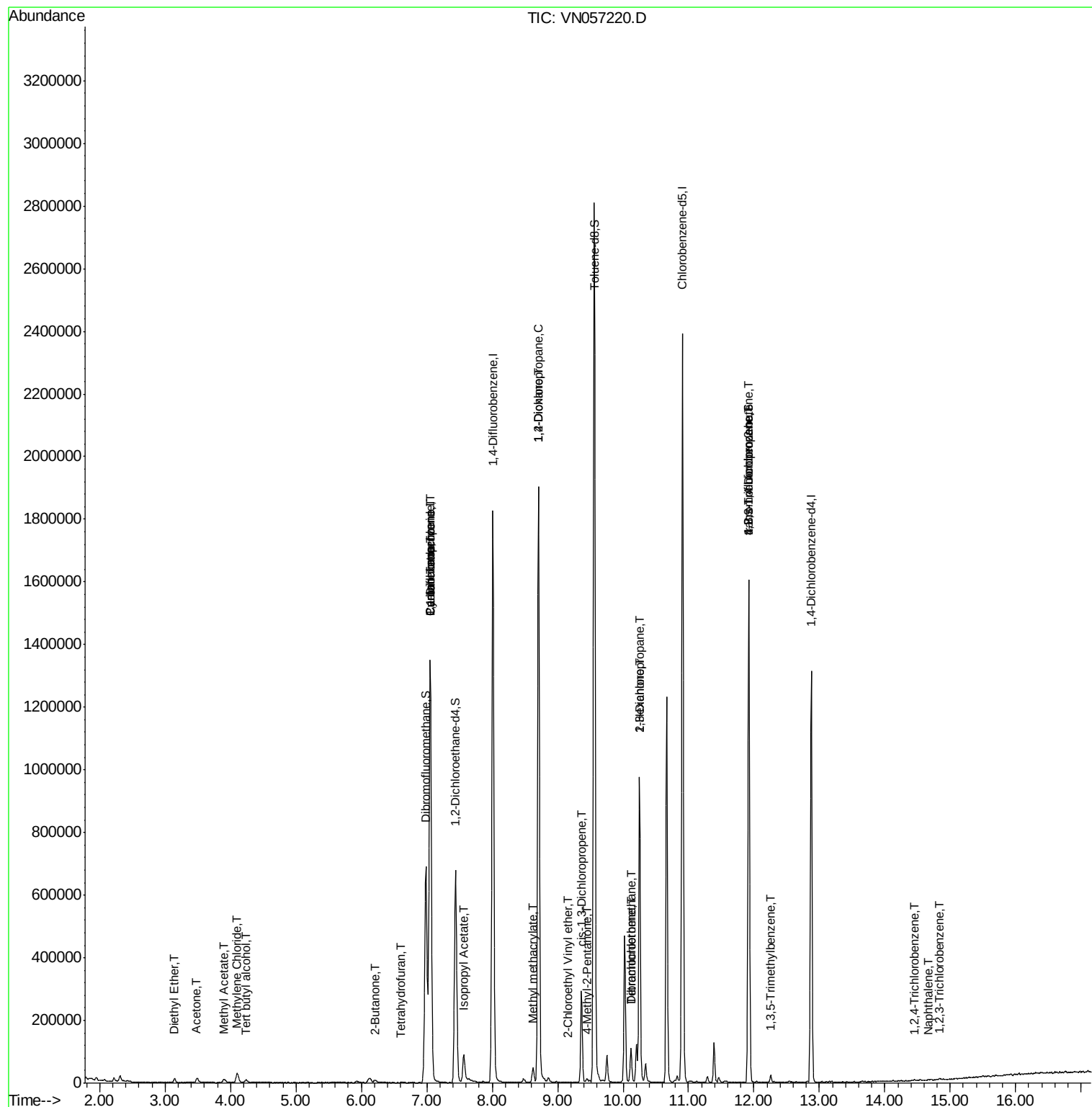
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

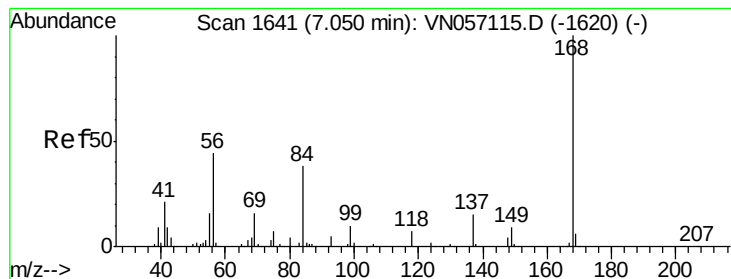
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
Data File : VN057220.D
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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: VN057220.D

Acq: 12 Aug 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

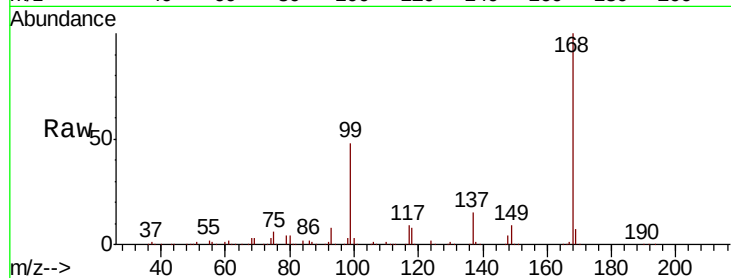
PB122155TB

Tgt Ion:168 Resp: 1320447

Ion Ratio Lower Upper

168 100

99 47.7 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

600000

500000

400000

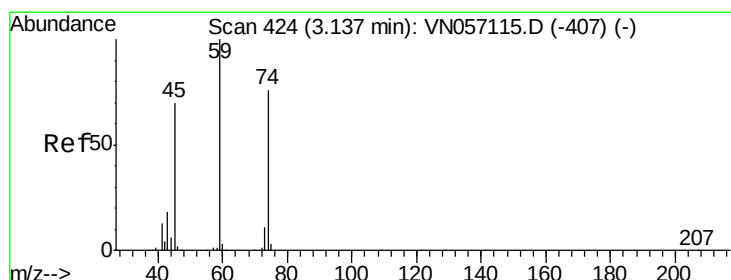
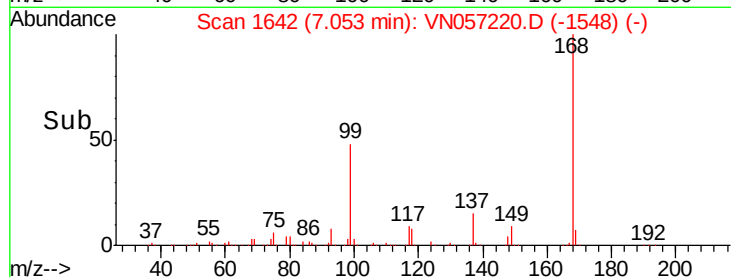
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#8

Diethyl Ether

Concen: 0.879 ug/l

RT: 3.14 min Scan# 426

Delta R.T. 0.01 min

Lab File: VN057220.D

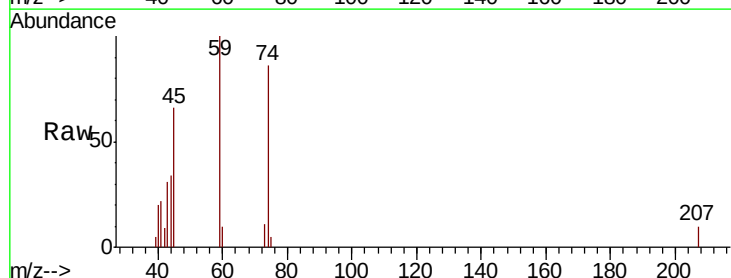
Acq: 12 Aug 2019 17:14

Tgt Ion: 74 Resp: 6399

Ion Ratio Lower Upper

74 100

45 92.4 46.3 138.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.14

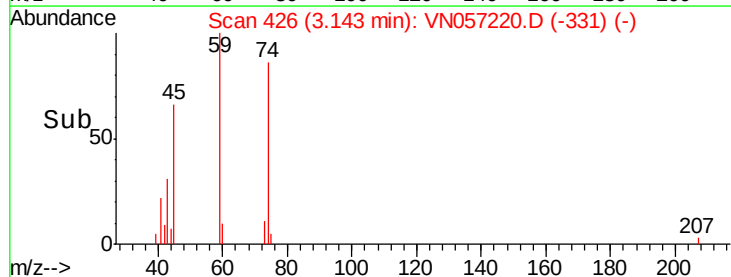
3000

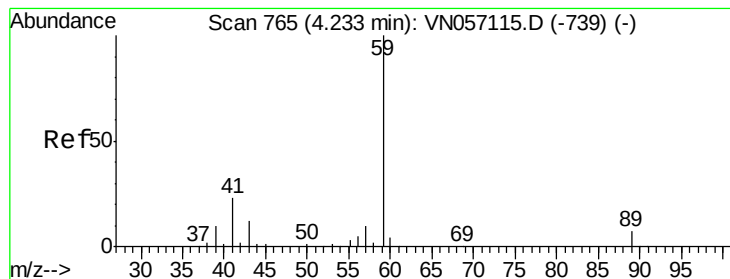
2000

1000

0

Time--> 3.10 3.15 3.20



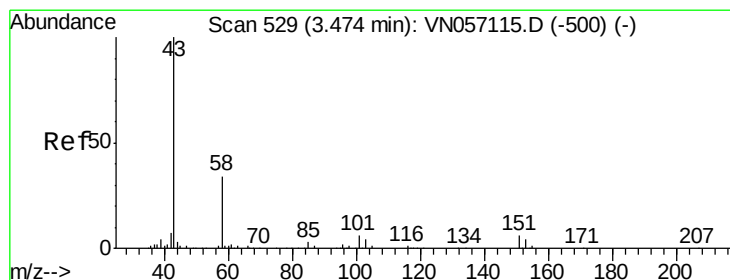
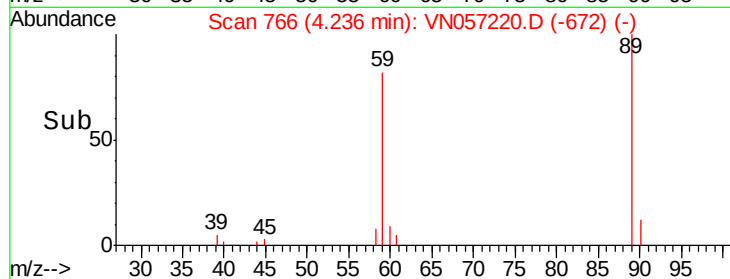
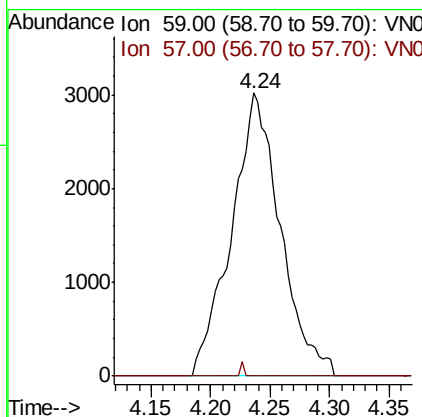
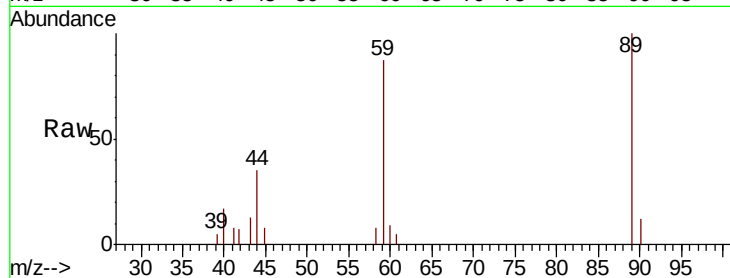


#11

Tert butyl alcohol
 Concen: 4.452 ug/l
 RT: 4.24 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

Instrument :
 MSVOA_N
 ClientSampled :
 PB122155TB

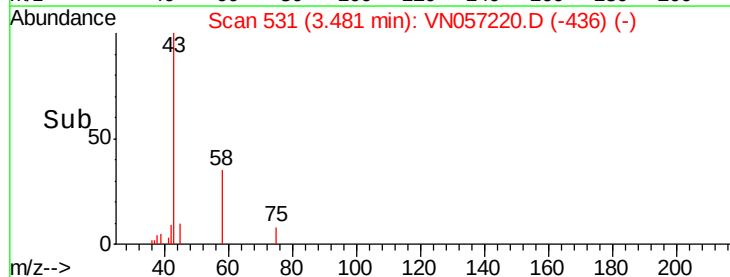
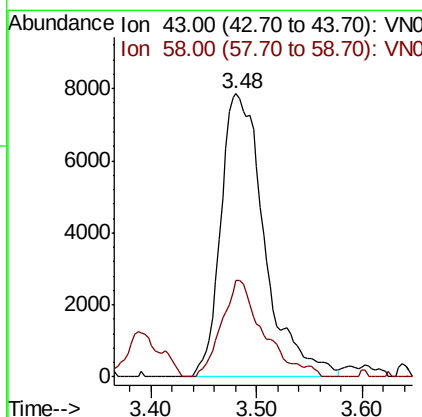
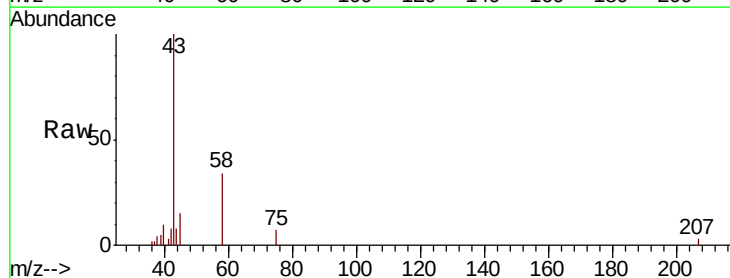
Tgt Ion: 59 Resp: 8604
 Ion Ratio Lower Upper
 59 100
 57 0.3 7.9 11.9#

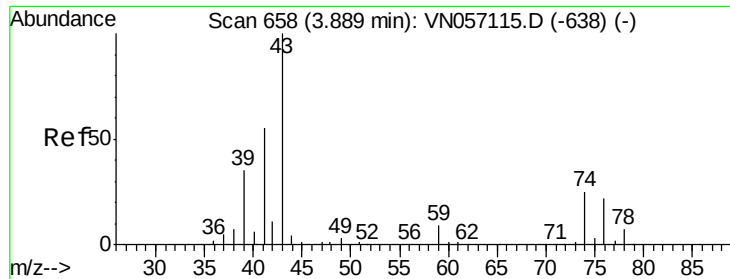


#16

Acetone
 Concen: 5.513 ug/l
 RT: 3.48 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

Tgt Ion: 43 Resp: 22610
 Ion Ratio Lower Upper
 43 100
 58 33.9 27.4 41.2

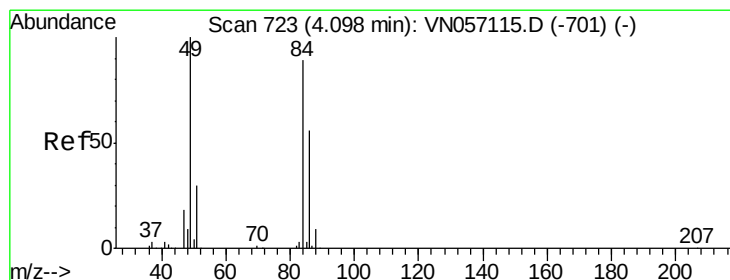
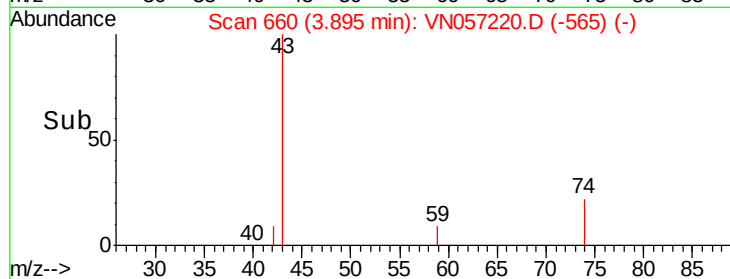
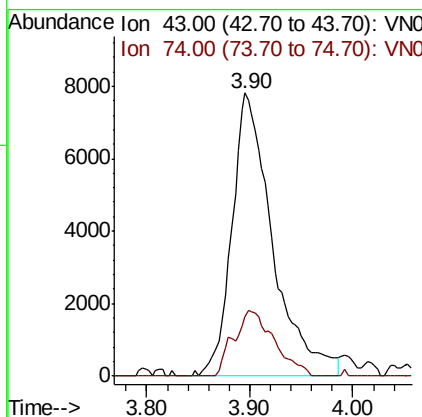
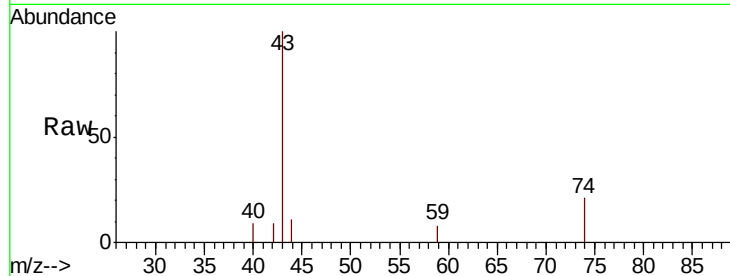




#18
Methyl Acetate
Concen: 1.121 ug/l
RT: 3.90 min Scan# 660
Delta R.T. 0.01 min
Lab File: VN057220.D
Acq: 12 Aug 2019 17:14

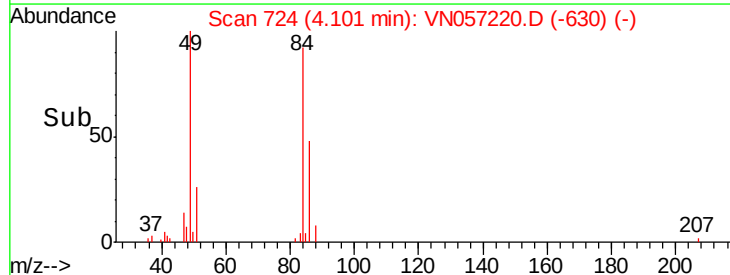
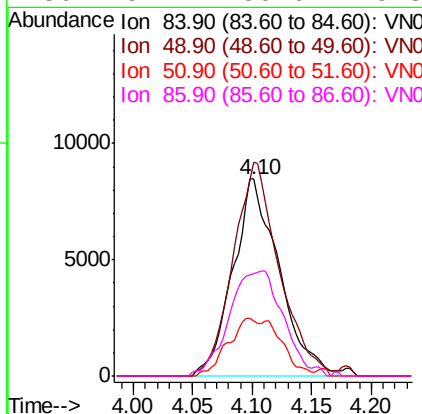
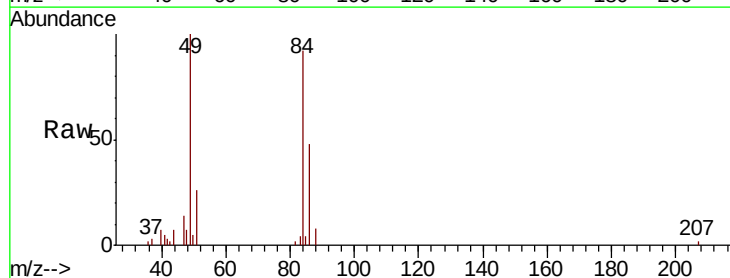
Instrument :
MSVOA_N
ClientSampleId :
PB122155TB

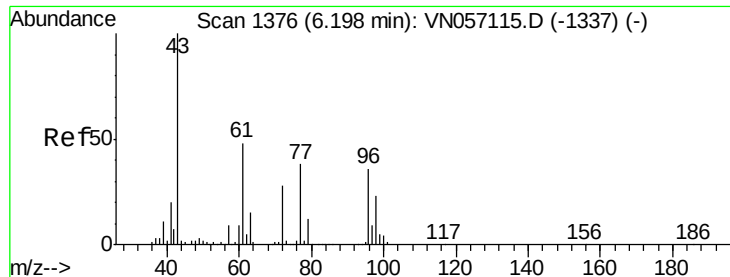
Tgt Ion: 43 Resp: 21544
Ion Ratio Lower Upper
43 100
74 23.1 20.2 30.4



#20
Methylene Chloride
Concen: 1.688 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057220.D
Acq: 12 Aug 2019 17:14

Tgt Ion: 84 Resp: 22851
Ion Ratio Lower Upper
84 100
49 108.5 89.5 134.3
51 28.0 27.2 40.8
86 52.2 50.6 75.8

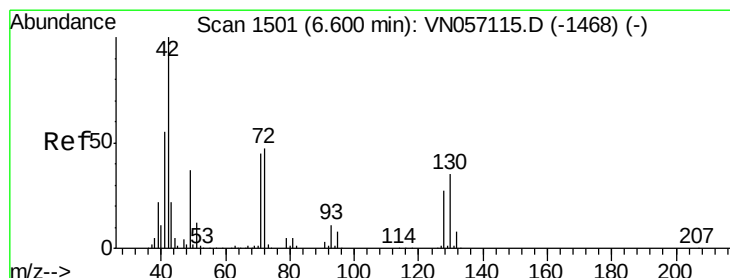
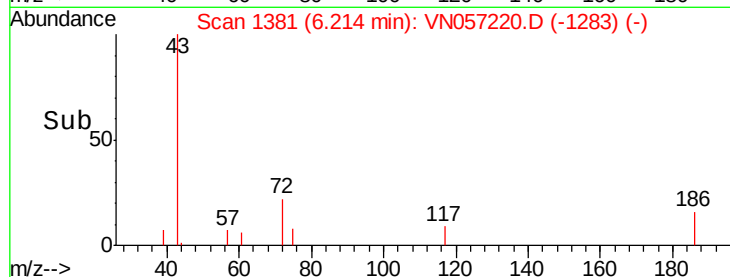
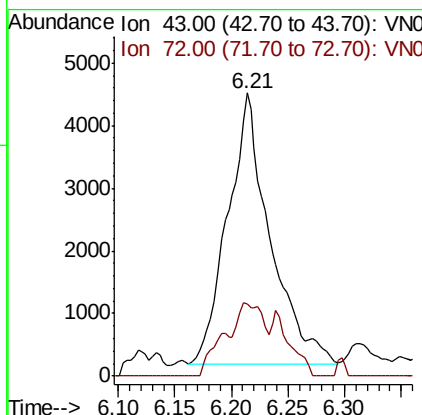
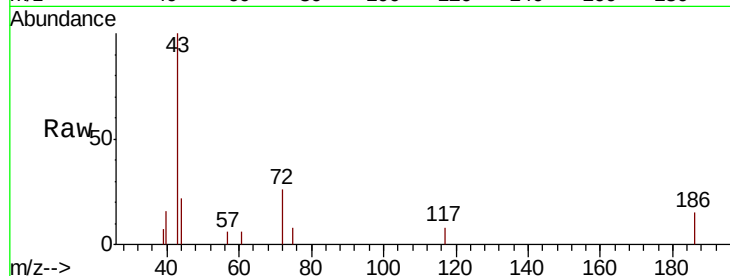




#25
 2-Butanone
 Concen: 1.789 ug/l
 RT: 6.21 min Scan# 1381
 Delta R.T. 0.02 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

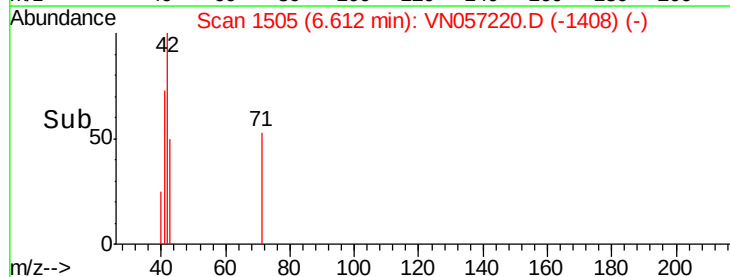
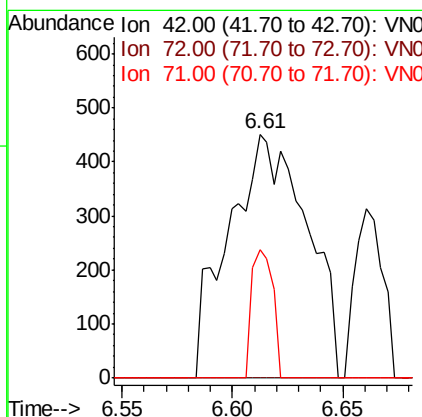
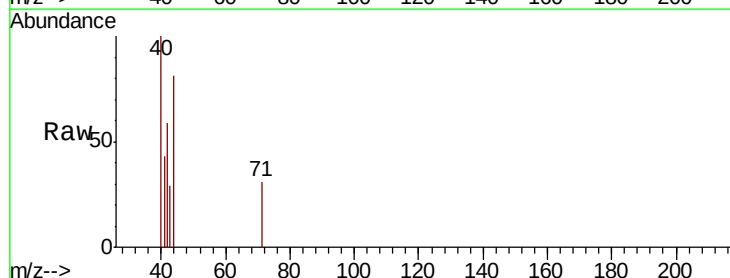
Instrument :
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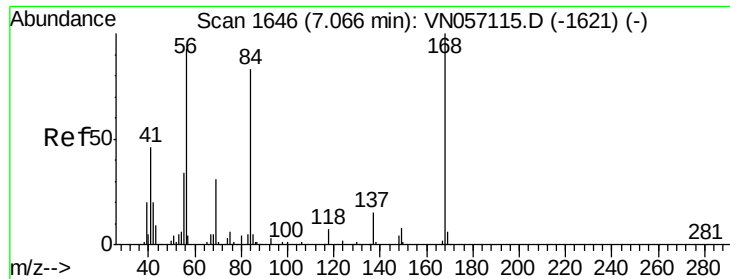
Tgt Ion: 43 Resp: 11207
 Ion Ratio Lower Upper
 43 100
 72 26.8 22.2 33.4



#29
 Tetrahydrofuran
 Concen: 0.263 ug/l
 RT: 6.61 min Scan# 1505
 Delta R.T. 0.01 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

Tgt Ion: 42 Resp: 1109
 Ion Ratio Lower Upper
 42 100
 72 0.0 37.1 55.7#
 71 14.3 34.8 52.2#

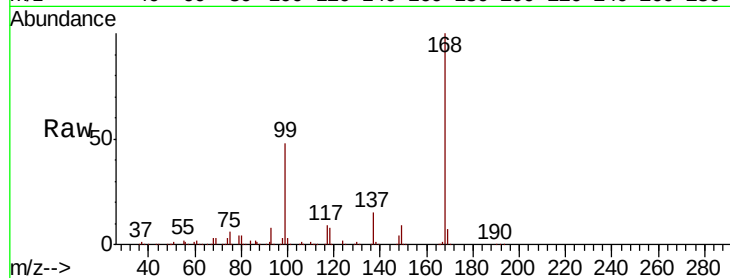




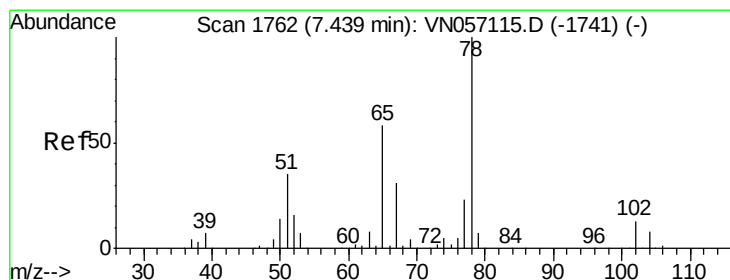
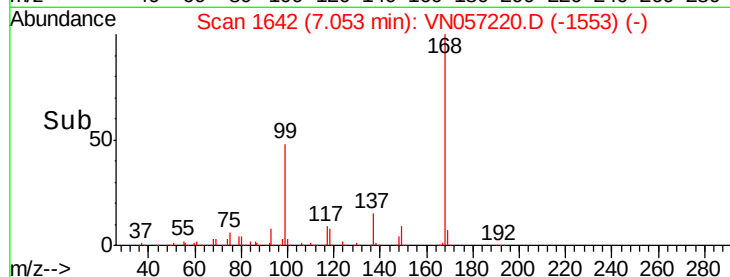
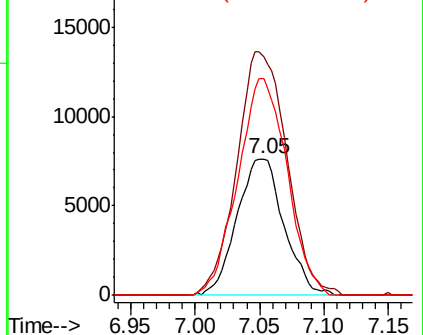
#31
Cyclohexane
Concen: 0.984 ug/l
RT: 7.05 min Scan# 1642
Delta R.T. -0.01 min
Lab File: VN057220.D
Acq: 12 Aug 2019 17:14

Instrument :
MSVOA_N
ClientSampled :
PB122155TB

Tgt Ion: 56 Resp: 19379
Ion Ratio Lower Upper
56 100
69 174.6 26.9 40.3#
84 159.0 71.9 107.9#

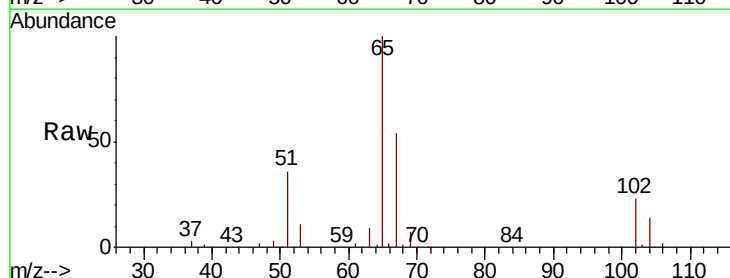


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

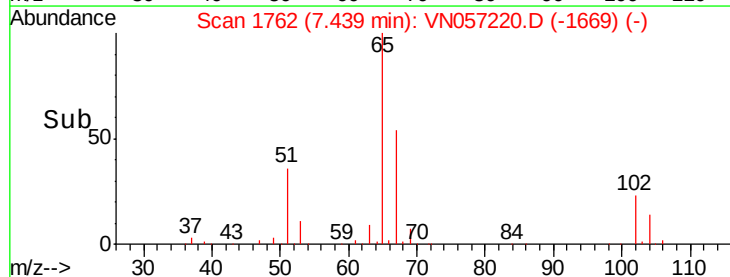
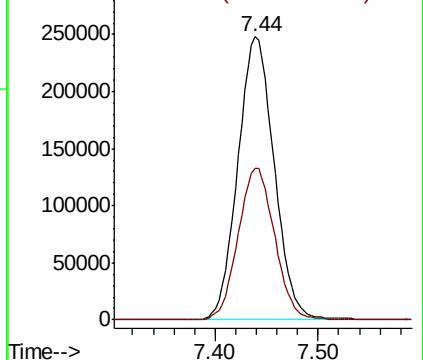


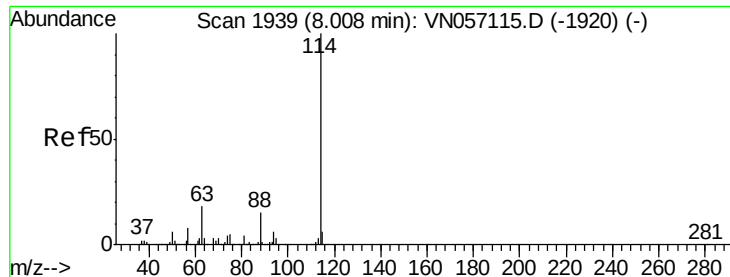
#33
1,2-Dichloroethane-d4
Concen: 44.729 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057220.D
Acq: 12 Aug 2019 17:14

Tgt Ion: 65 Resp: 607415
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

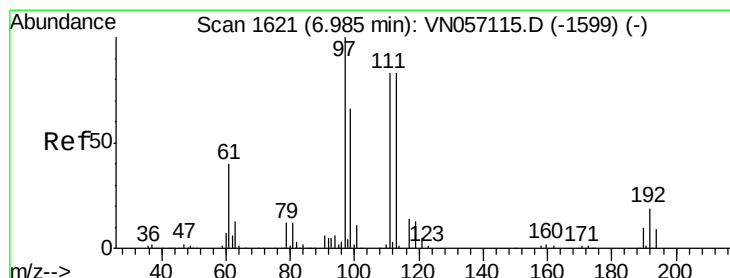
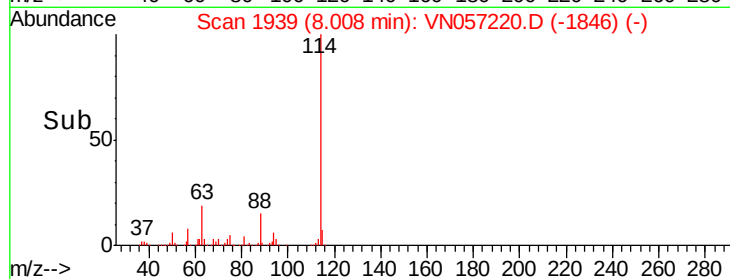
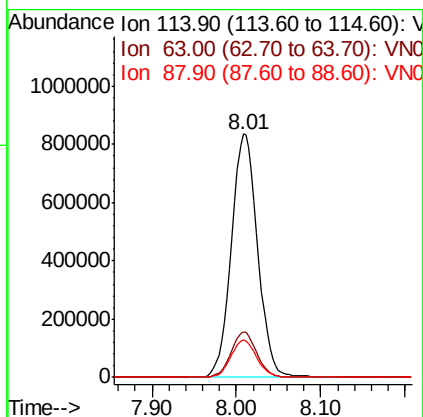
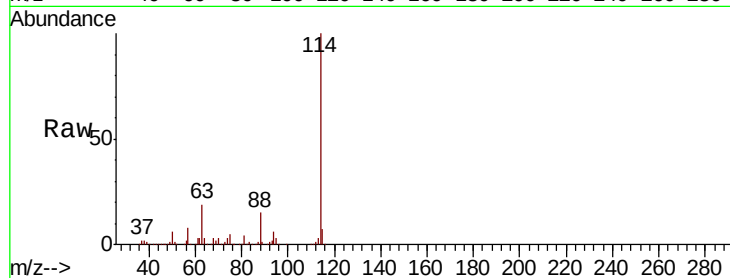




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

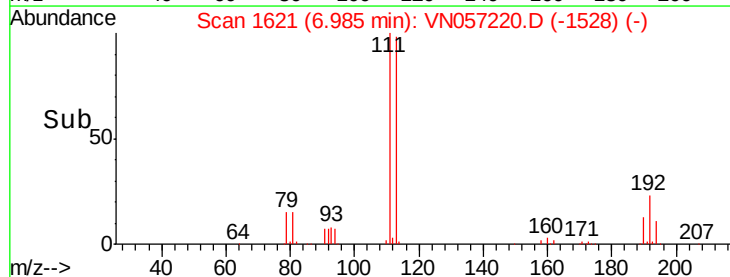
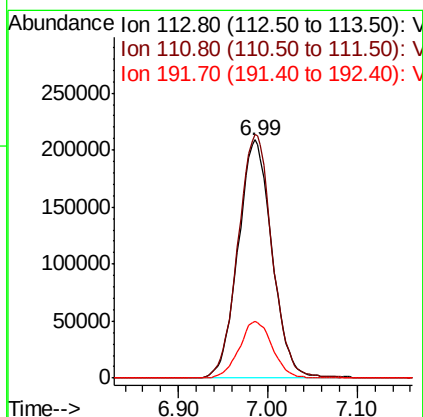
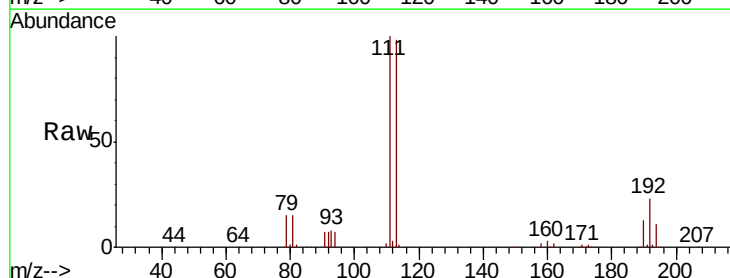
Instrument :
 MSVOA_N
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 PB122155TB

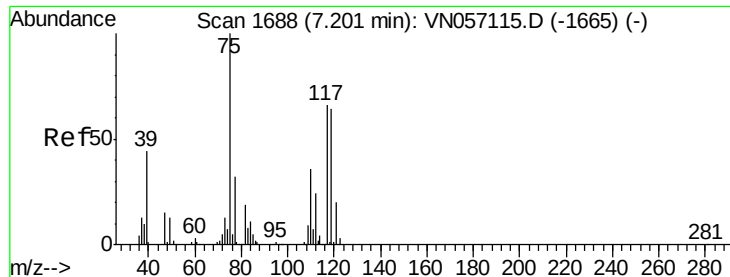
Tgt Ion:114 Resp: 1808301
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.2
 88 15.5 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.657 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

Tgt Ion:113 Resp: 552125
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.3 121.9
 192 23.4 19.0 28.4

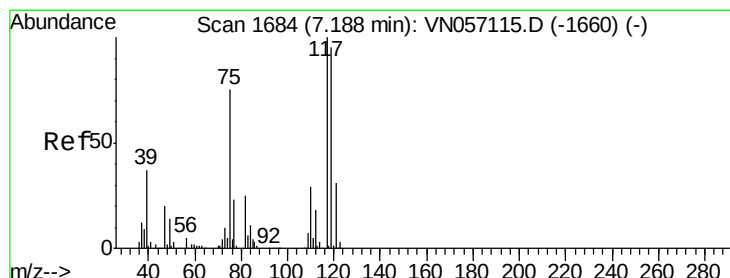
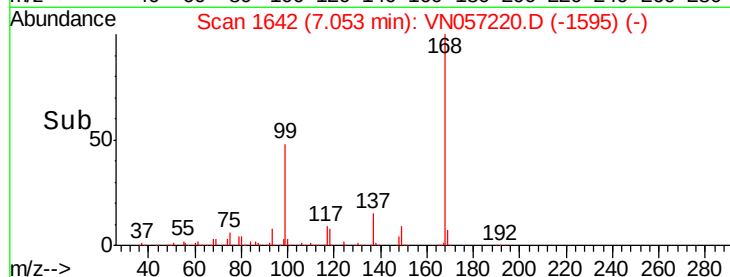
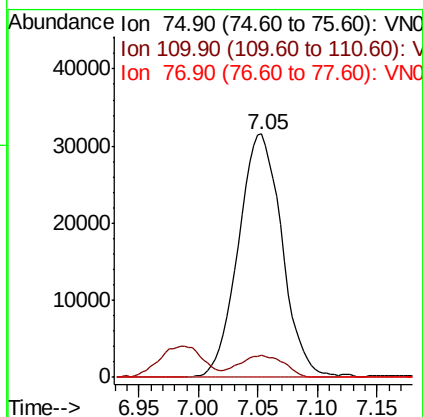
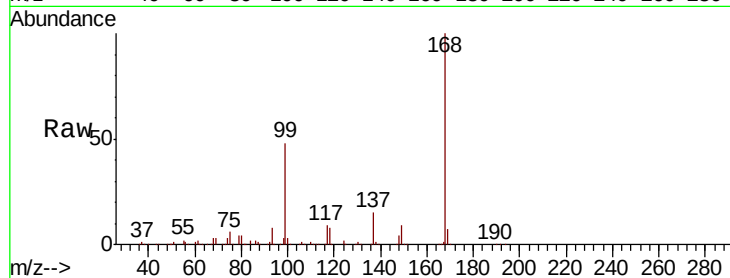




#36
 1,1-Dichloropropene
 Concen: 5.376 ug/l
 RT: 7.05 min Scan# 1642
 Delta R.T. -0.15 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

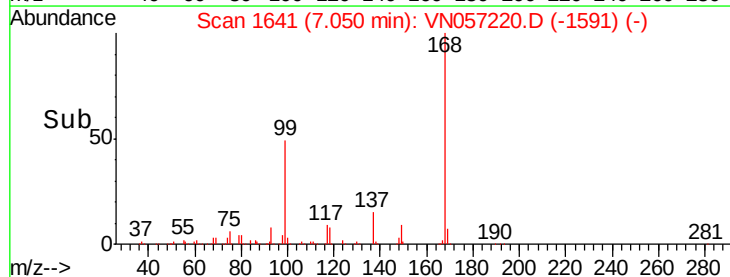
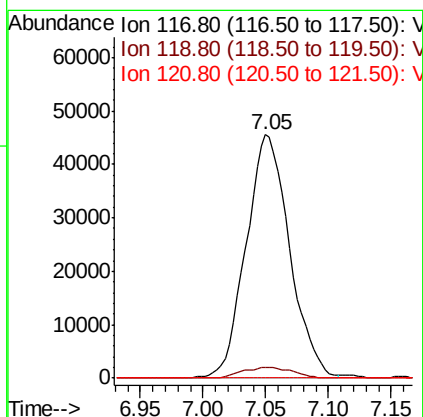
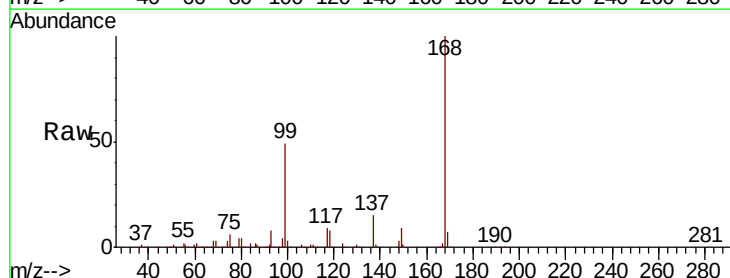
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122155TB

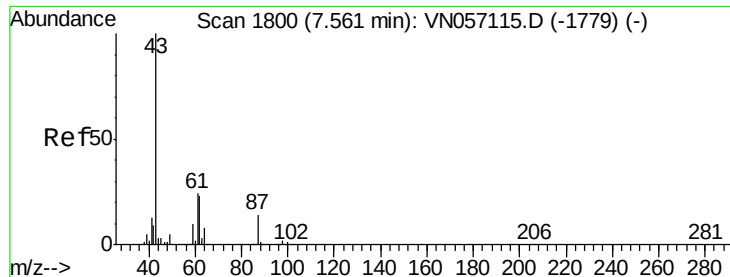
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.7	56.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.102 ug/l
 RT: 7.05 min Scan# 1641
 Delta R.T. -0.14 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.8	113.6#
121	0.0	24.4	36.6#





#43

Isopropyl Acetate

Concen: 5.320 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB122155TB

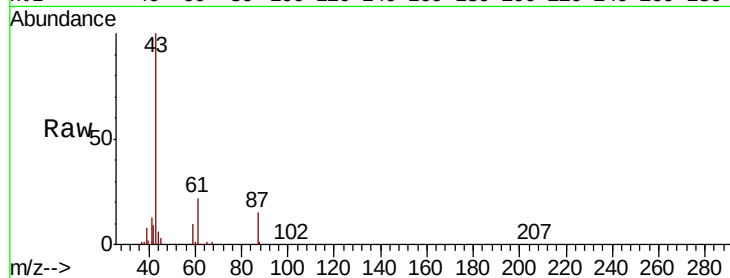
Tgt Ion: 43 Resp: 111432

Ion Ratio Lower Upper

43 100

61 21.1 24.2 36.2#

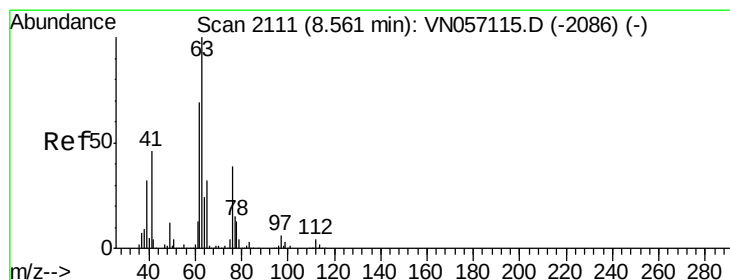
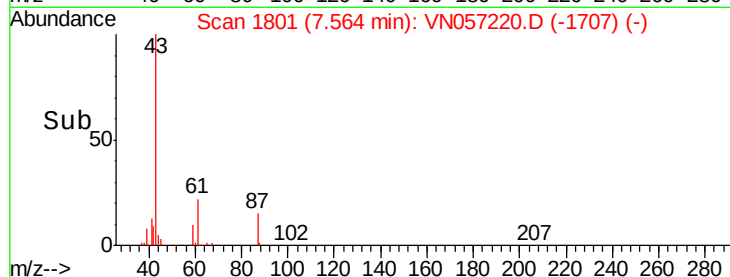
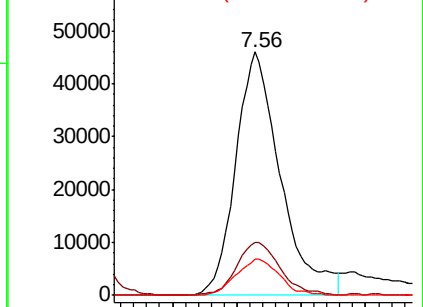
87 14.4 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN057220.D (-1707) (-)

Ion 61.00 (60.70 to 61.70): VN057220.D (-1707) (-)

Ion 87.00 (86.70 to 87.70): VN057220.D (-1707) (-)



#45

1,2-Dichloropropane

Concen: 0.200 ug/l

RT: 8.71 min Scan# 2157

Delta R.T. 0.15 min

Lab File: VN057220.D

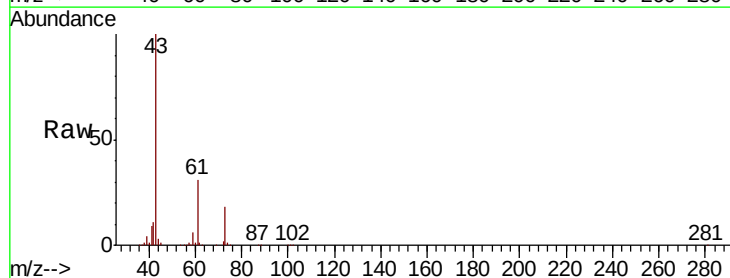
Acq: 12 Aug 2019 17:14

Tgt Ion: 63 Resp: 2444

Ion Ratio Lower Upper

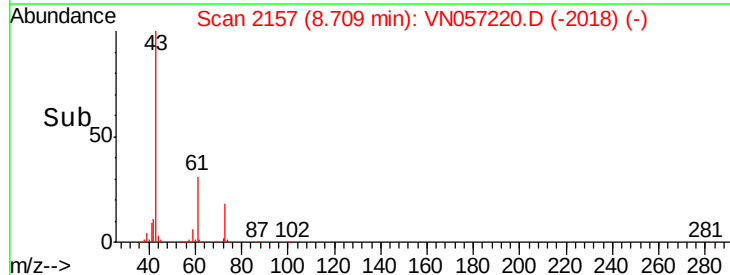
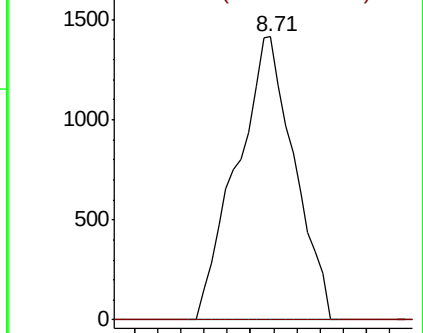
63 100

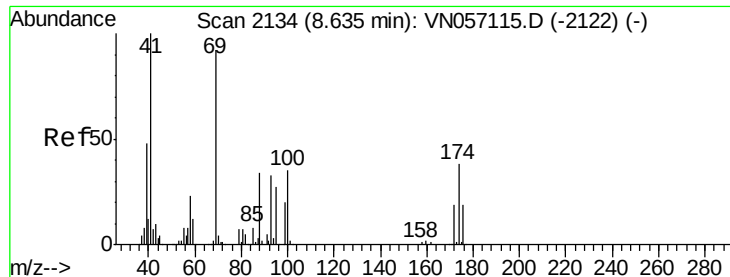
65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN057220.D (-2018) (-)

Ion 64.90 (64.60 to 65.60): VN057220.D (-2018) (-)

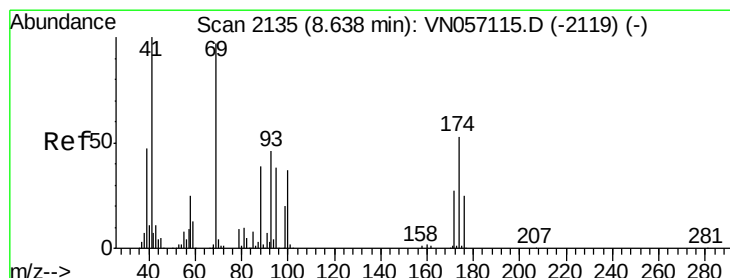
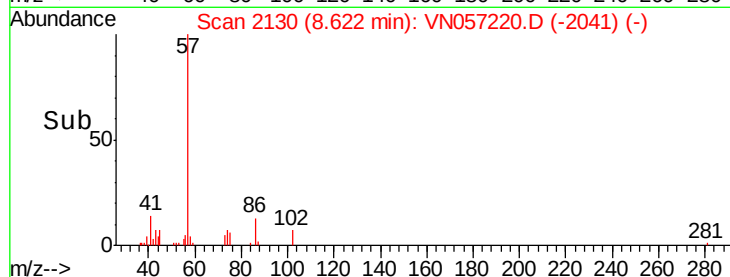
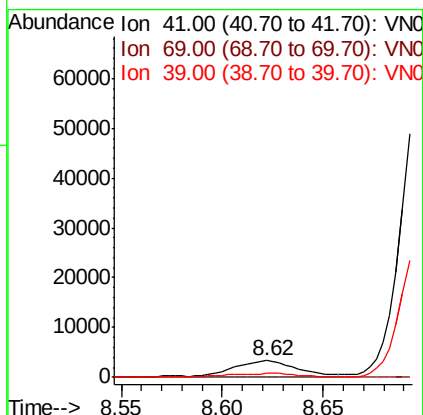
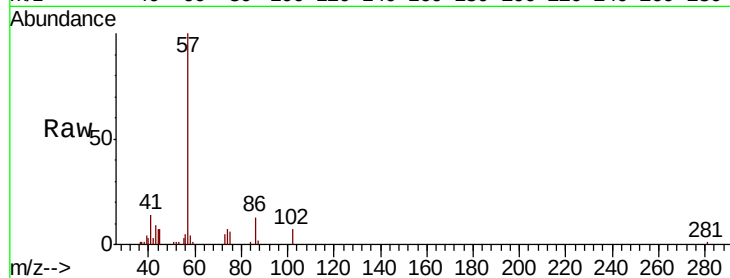




#48
Methyl methacrylate
Concen: 0.665 ug/l
RT: 8.62 min Scan# 2130
Delta R.T. -0.01 min
Lab File: VN057220.D
Acq: 12 Aug 2019 17:14

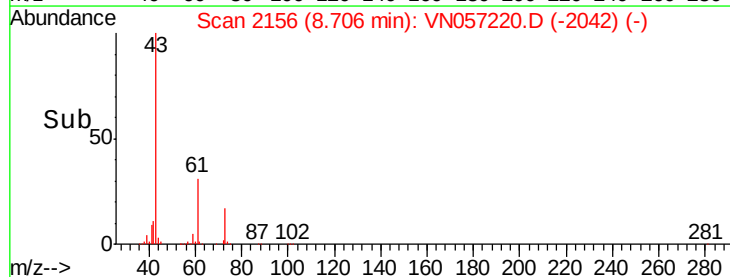
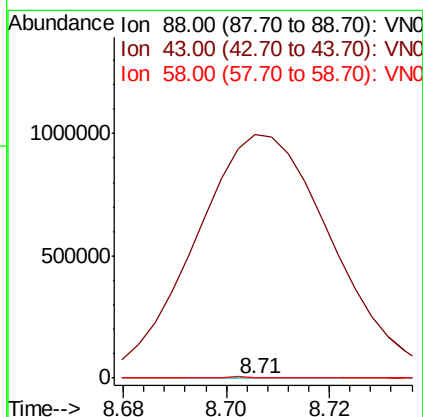
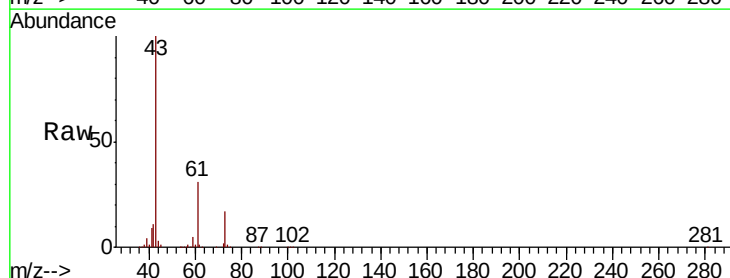
Instrument :
MSVOA_N
ClientSampleId :
PB122155TB

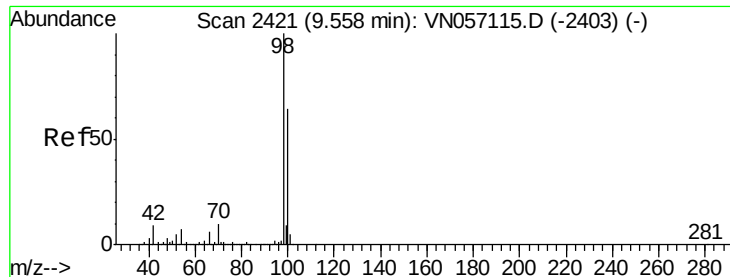
Tgt Ion: 41 Resp: 6565
Ion Ratio Lower Upper
41 100
69 0.0 77.5 116.3#
39 0.0 39.8 59.6#



#49
1,4-Dioxane
Concen: 1.248 ug/l
RT: 8.71 min Scan# 2156
Delta R.T. 0.07 min
Lab File: VN057220.D
Acq: 12 Aug 2019 17:14

Tgt Ion: 88 Resp: 251
Ion Ratio Lower Upper
88 100
43 761261.0 21.7 32.5#
58 3645.0 51.1 76.7#

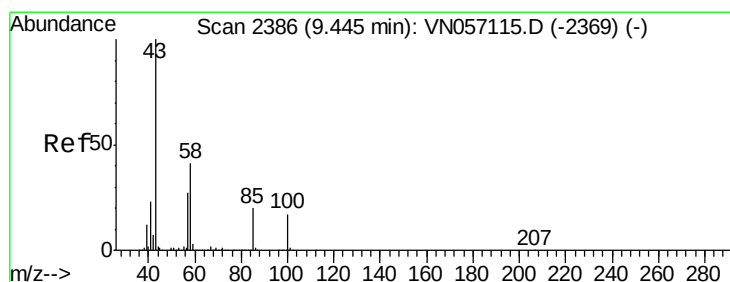
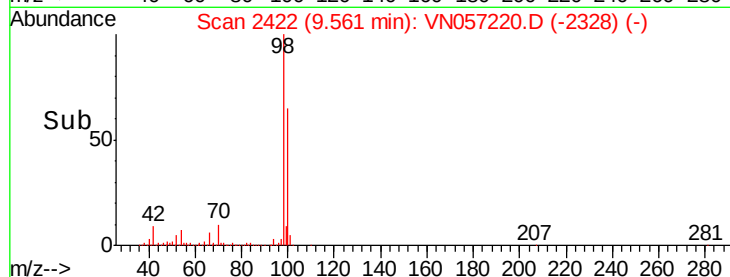
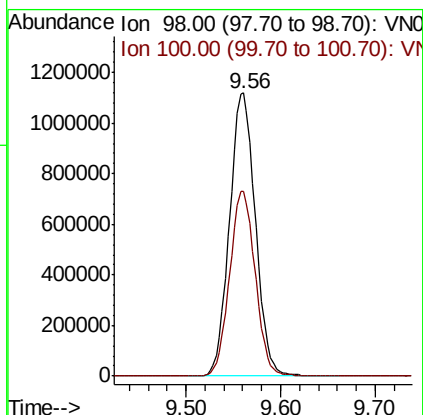
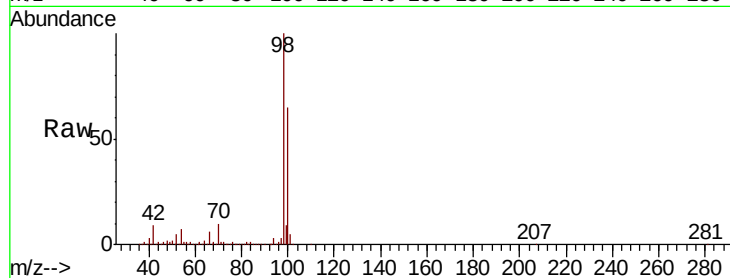




#50
Toluene-d8
Concen: 48.959 ug/l
RT: 9.56 min Scan# 2422
Delta R.T. 0.00 min
Lab File: VN057220.D
Acq: 12 Aug 2019 17:14

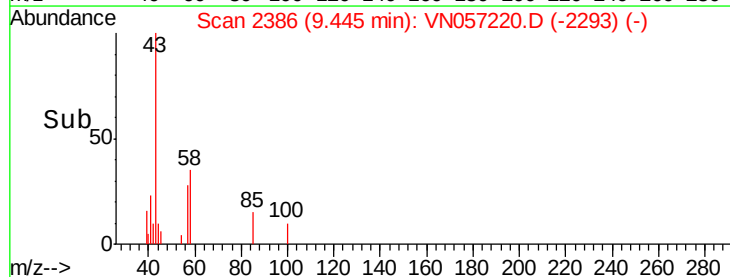
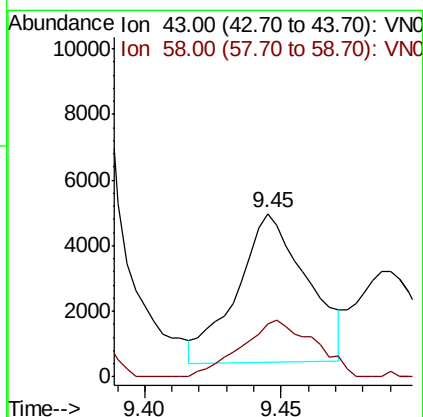
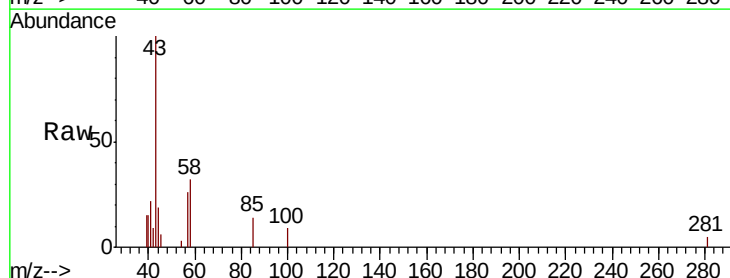
Instrument :
MSVOA_N
ClientSampled :
PB122155TB

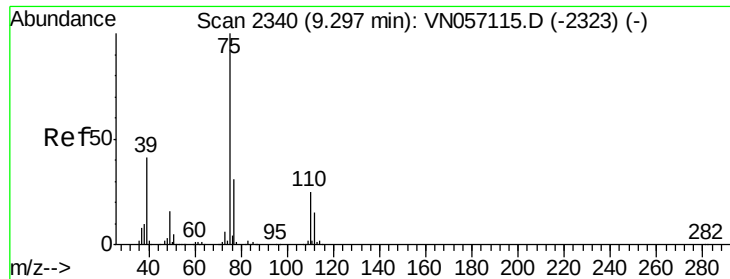
Tgt Ion: 98 Resp: 2125452
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.662 ug/l
RT: 9.45 min Scan# 2386
Delta R.T. -0.00 min
Lab File: VN057220.D
Acq: 12 Aug 2019 17:14

Tgt Ion: 43 Resp: 8070
Ion Ratio Lower Upper
43 100
58 39.5 33.2 49.8



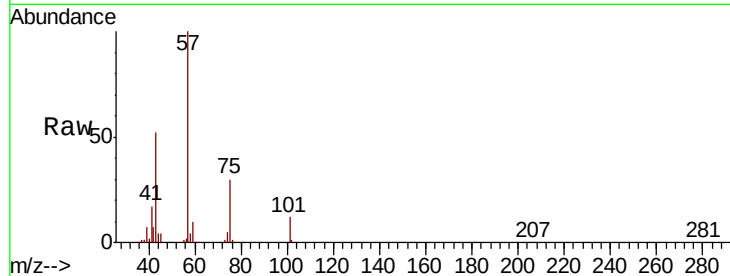


#54

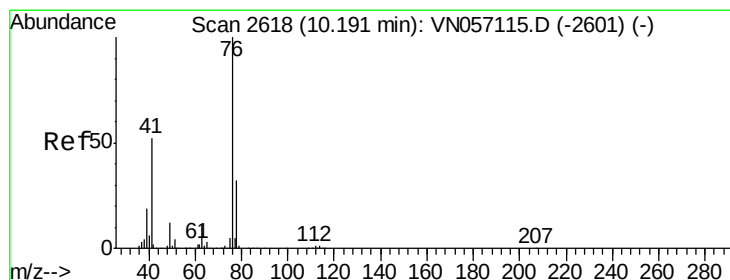
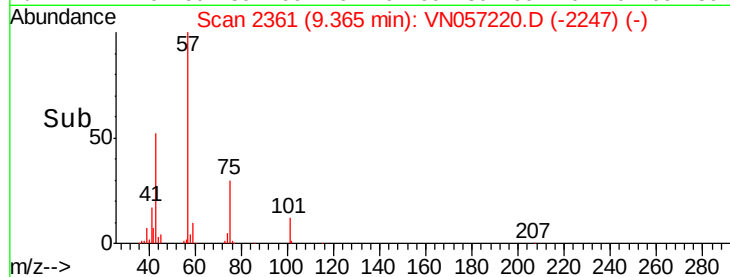
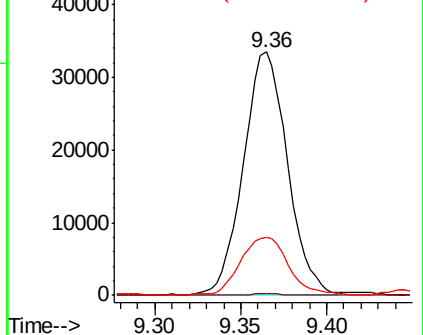
cis-1,3-Dichloropropene
 Concen: 3.284 ug/l
 RT: 9.36 min Scan# 2361
 Delta R.T. 0.07 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122155TB

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.1	37.7#
39	24.0	32.5	48.7#



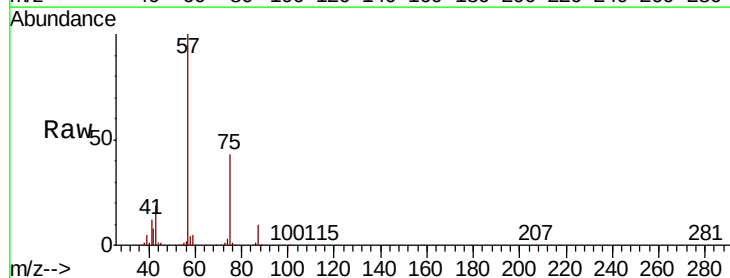
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



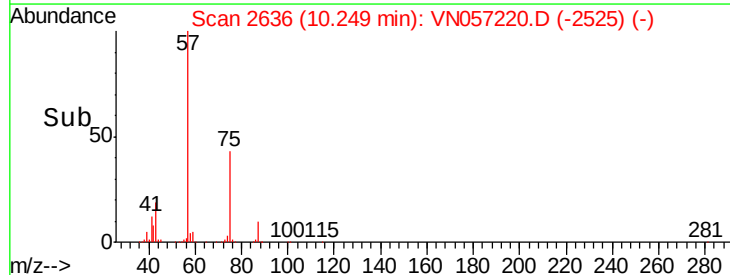
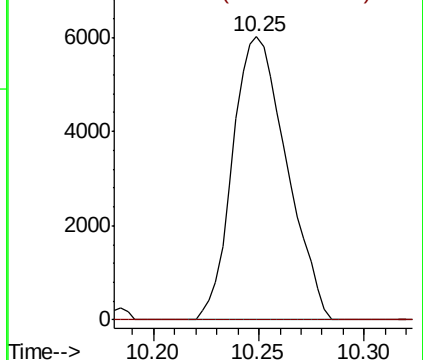
#57

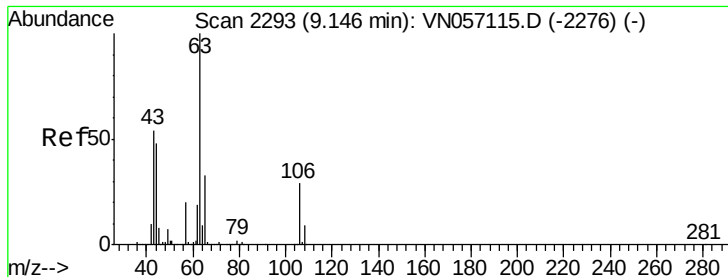
1,3-Dichloropropene
 Concen: 0.562 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.06 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

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



Abundance Ion 75.90 (75.60 to 76.60): VNO
 Ion 77.90 (77.60 to 78.60): VNO





#58

2-Chloroethyl Vinyl ether

Concen: 13.120 ug/l

RT: 9.15 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

Instrument :

MSVOA_N

ClientSampled :

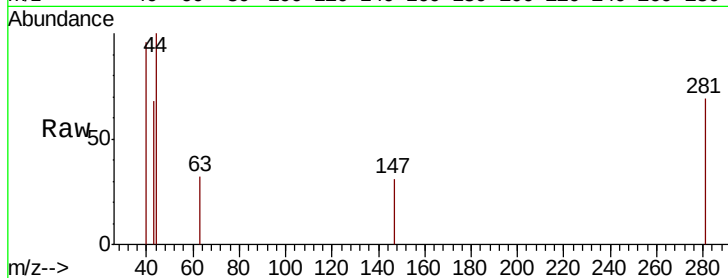
PB122155TB

Tgt Ion: 63 Resp: 32

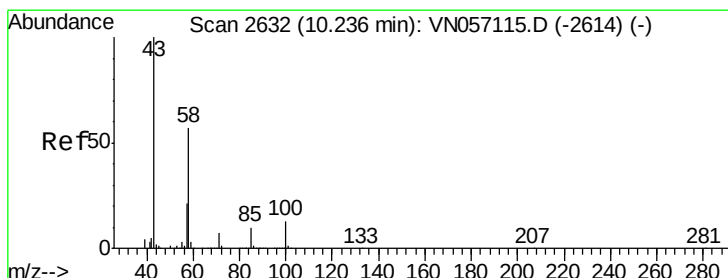
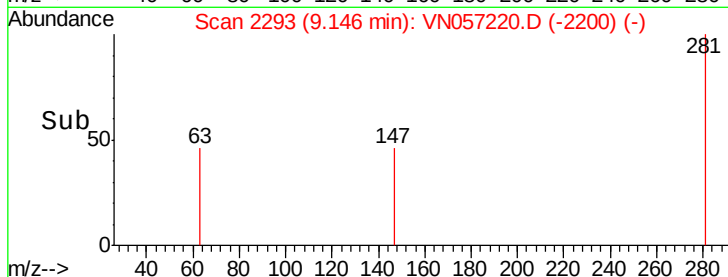
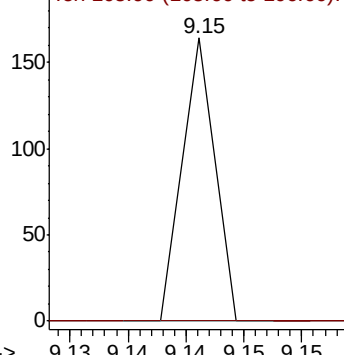
Ion Ratio Lower Upper

63 100

106 0.0 22.6 33.8#



Abundance Ion 62.90 (62.60 to 63.60): VN057115.D (-2276) (-)



#59

2-Hexanone

Concen: 17.565 ug/l

RT: 10.25 min Scan# 2636

Delta R.T. 0.01 min

Lab File: VN057220.D

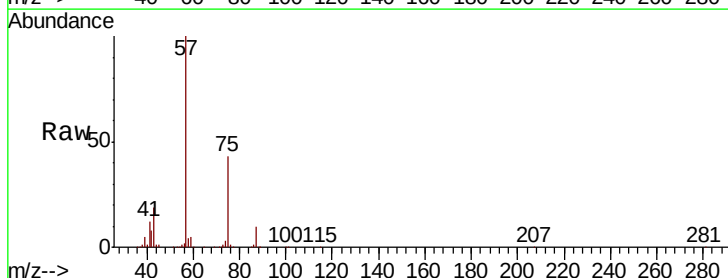
Acq: 12 Aug 2019 17:14

Tgt Ion: 43 Resp: 144911

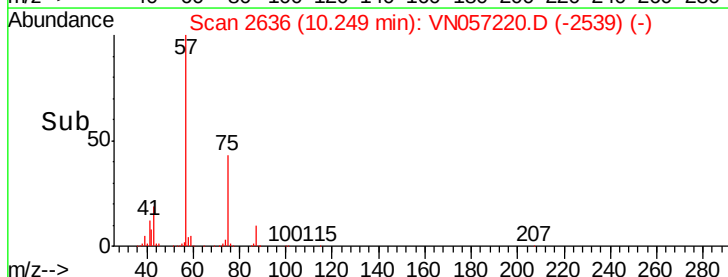
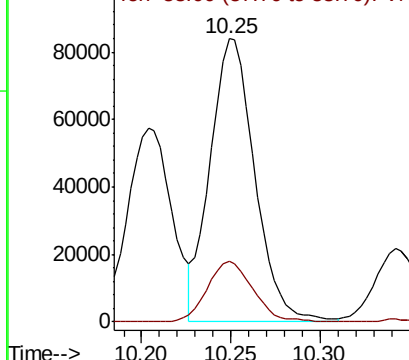
Ion Ratio Lower Upper

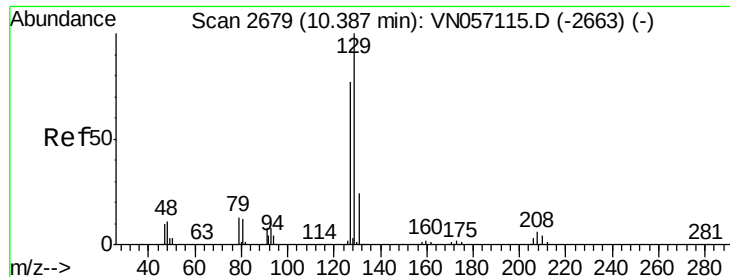
43 100

58 22.3 29.2 87.6#



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-2614) (-)





#60

Dibromochloromethane

Concen: 0.350 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. -0.27 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

Instrument :

MSVOA_N

ClientSampled :

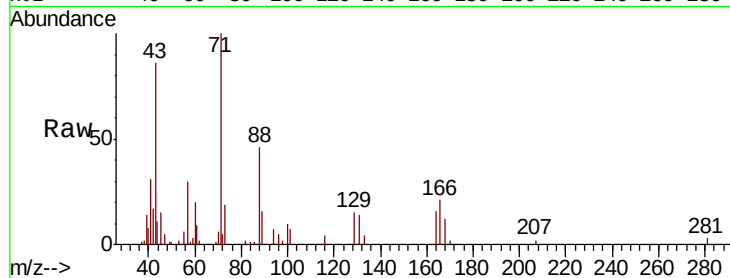
PB122155TB

Tgt Ion:129 Resp: 4229

Ion Ratio Lower Upper

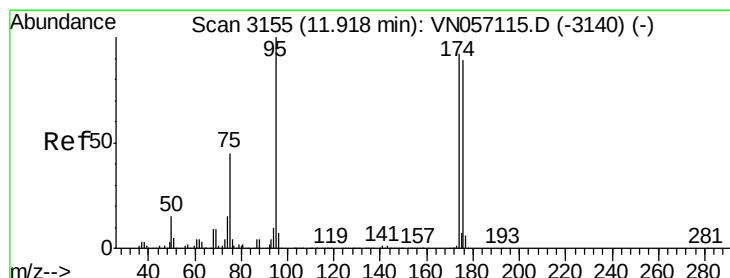
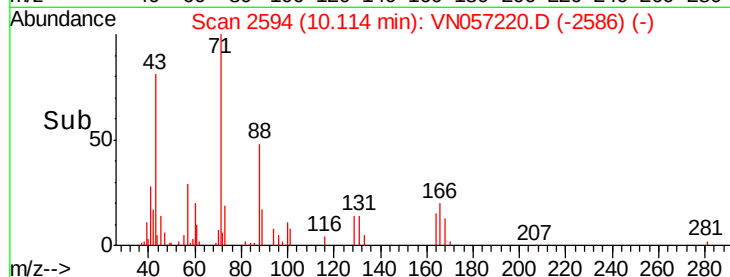
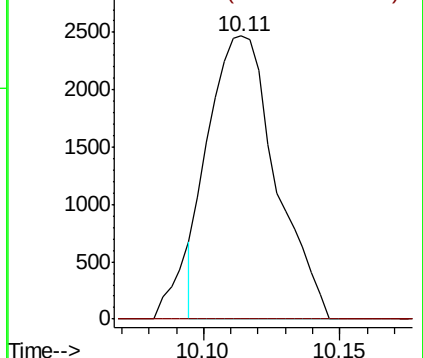
129 100

127 0.0 38.6 116.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 40.769 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

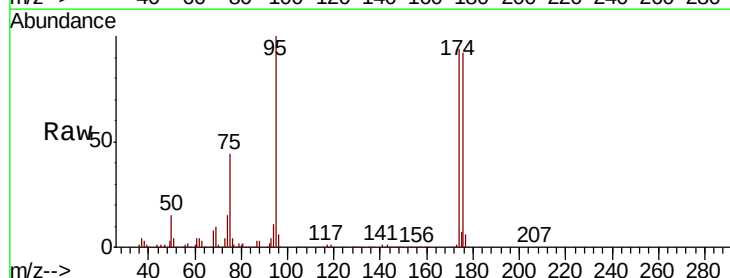
Tgt Ion: 95 Resp: 570276

Ion Ratio Lower Upper

95 100

174 94.7 0.0 185.0

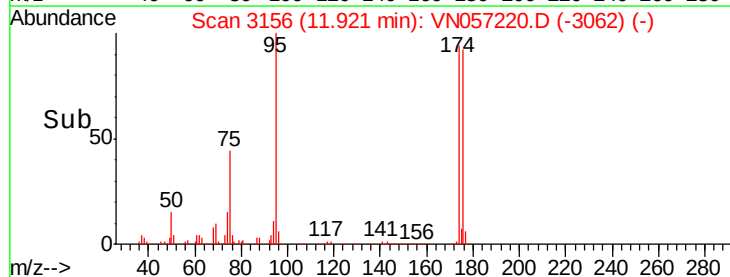
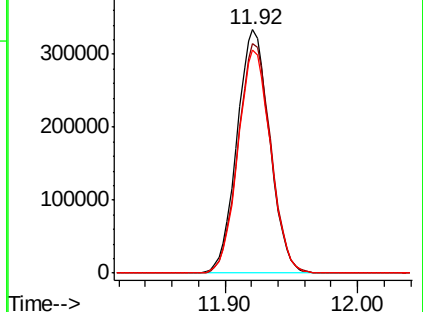
176 91.9 0.0 181.2

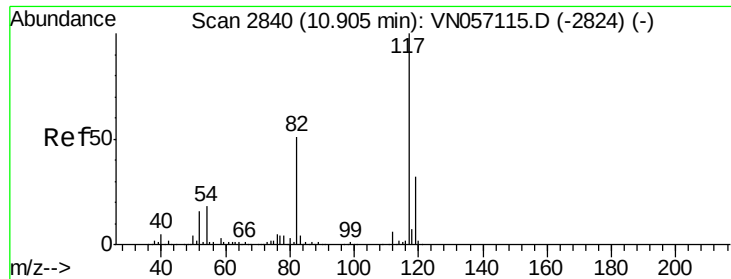


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB122155TB

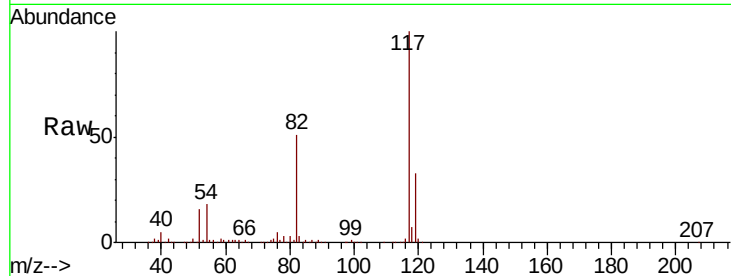
Tgt Ion:117 Resp: 1525647

Ion Ratio Lower Upper

117 100

82 51.0 40.8 61.2

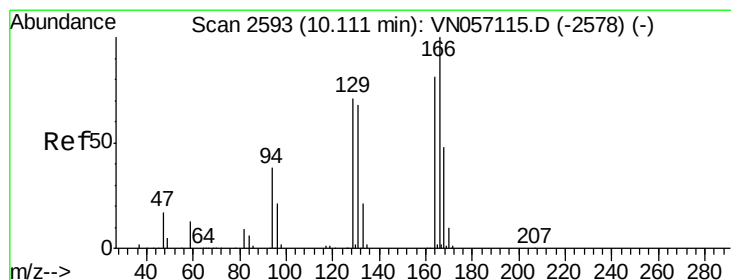
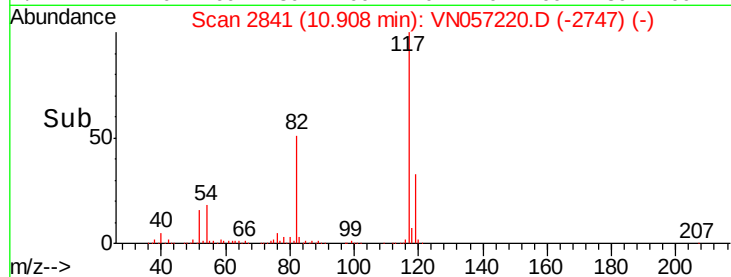
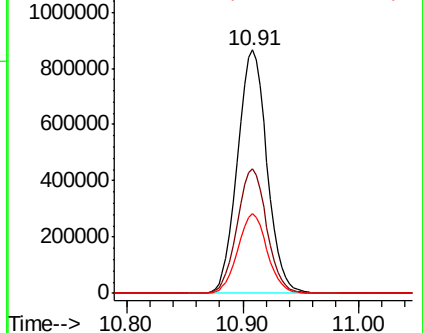
119 32.6 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.371 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. 0.00 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

Tgt Ion:164 Resp: 4709

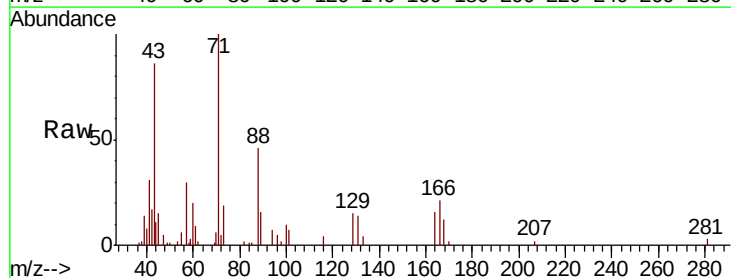
Ion Ratio Lower Upper

164 100

166 131.3 98.3 147.5

129 97.5 69.8 104.6

131 86.0 66.8 100.2

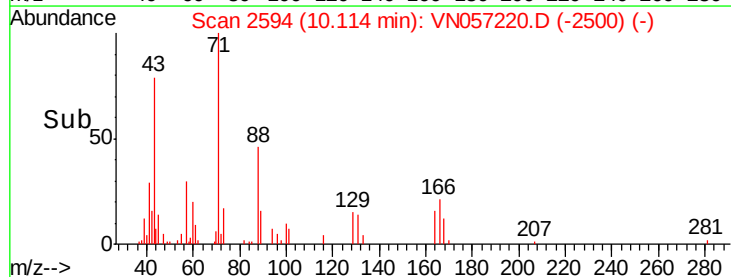
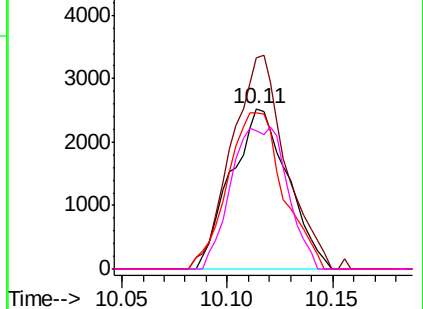


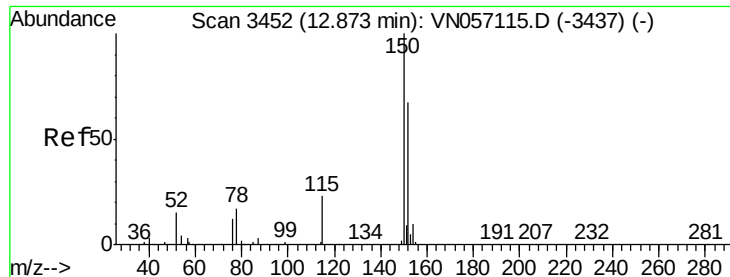
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB122155TB

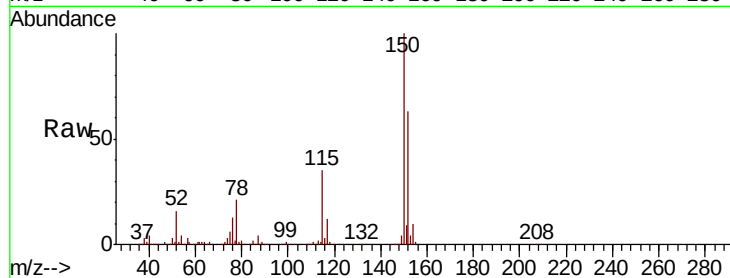
Tgt Ion:152 Resp: 389313

Ion Ratio Lower Upper

152 100

115 55.7 27.5 82.5

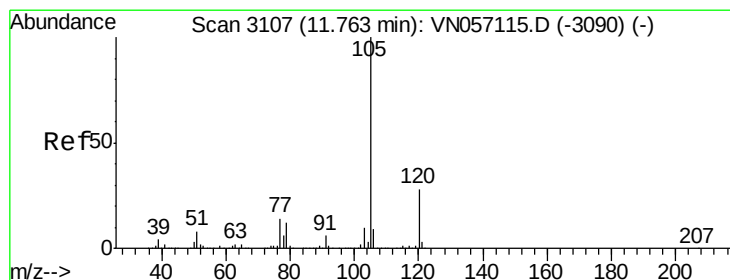
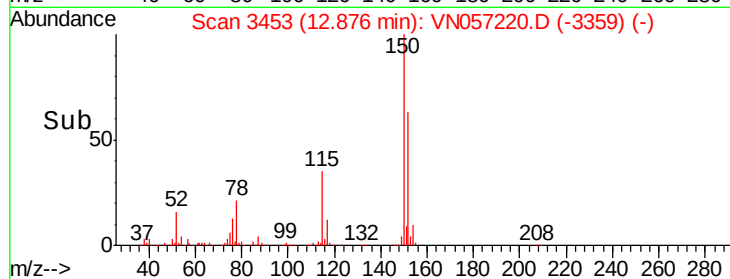
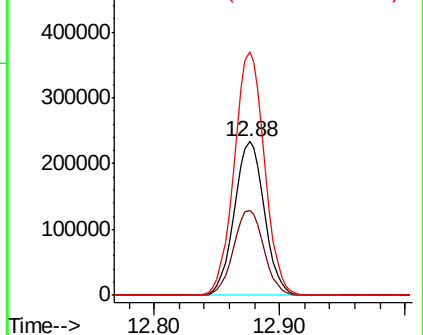
150 158.8 0.0 341.6



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: 11.78 min Scan# 3111

Delta R.T. 0.01 min

Lab File: VN057220.D

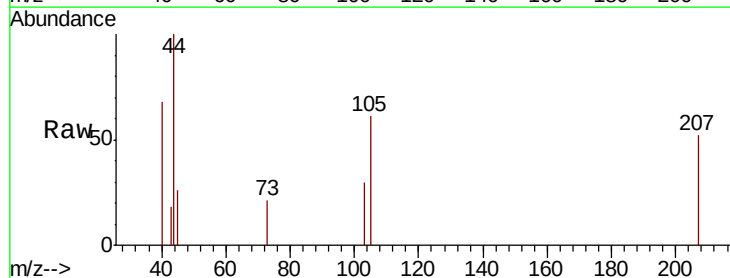
Acq: 12 Aug 2019 17:14

Tgt Ion:105 Resp: 1067

Ion Ratio Lower Upper

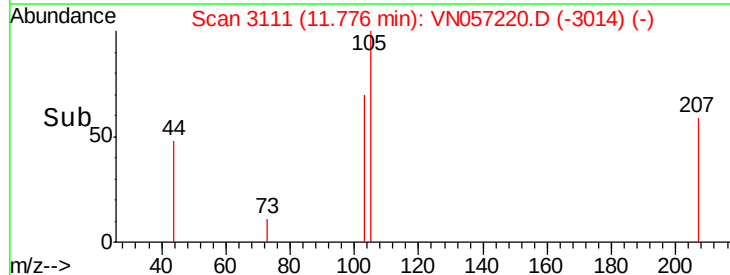
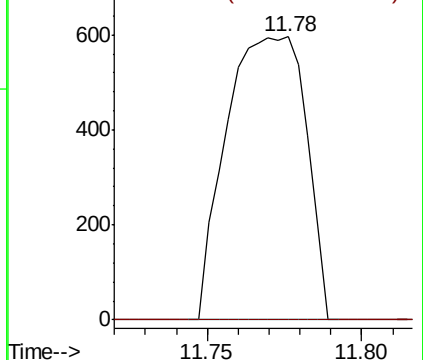
105 100

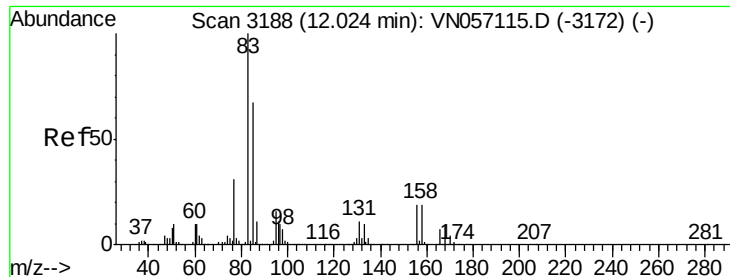
120 0.0 13.7 41.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.02 min Scan# 3186

Delta R.T. -0.01 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB122155TB

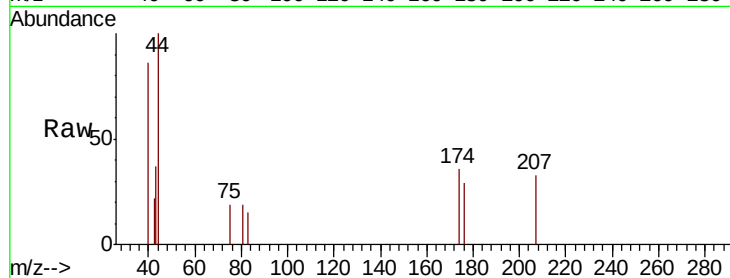
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 0.0 32.4 97.0#



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

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

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

12.02

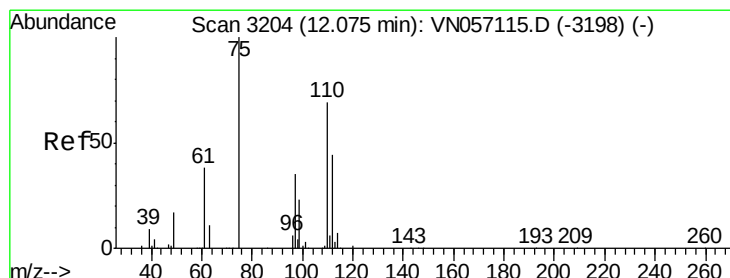
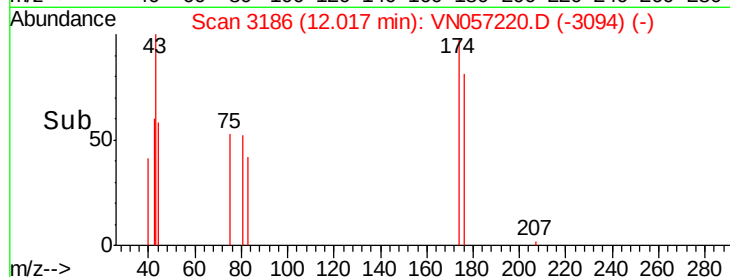
150

100

50

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 33.170 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057220.D

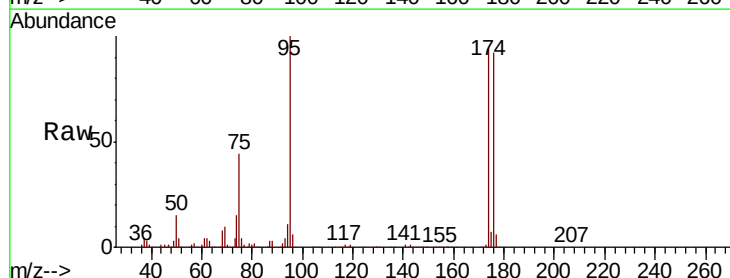
Acq: 12 Aug 2019 17:14

Tgt Ion: 75 Resp: 259629

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



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

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

11.92

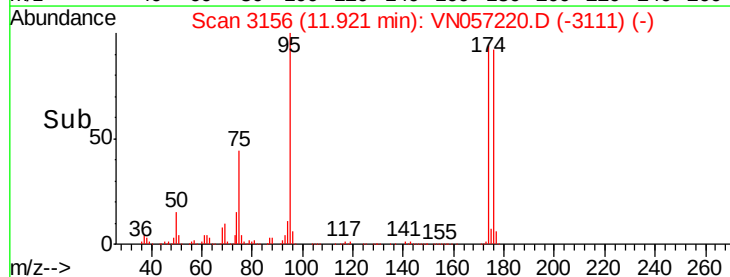
150000

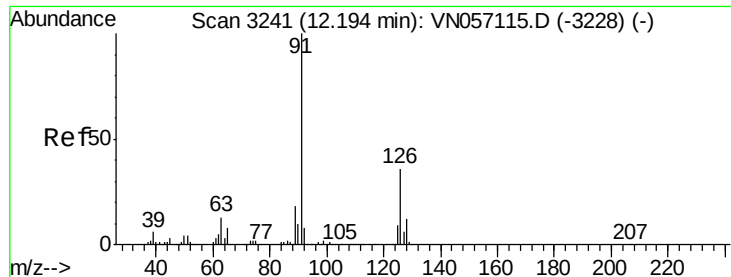
100000

50000

0

Time-->

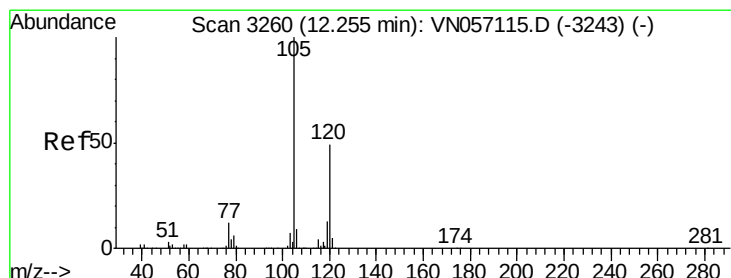
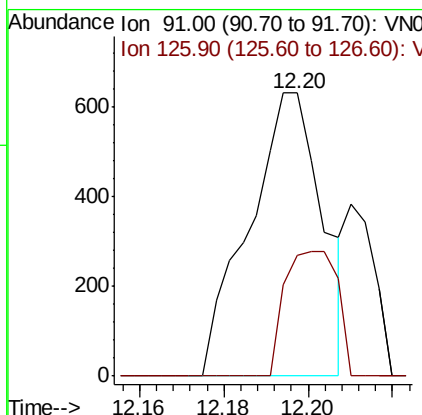
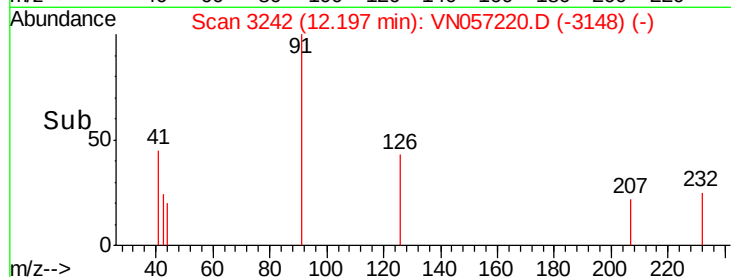
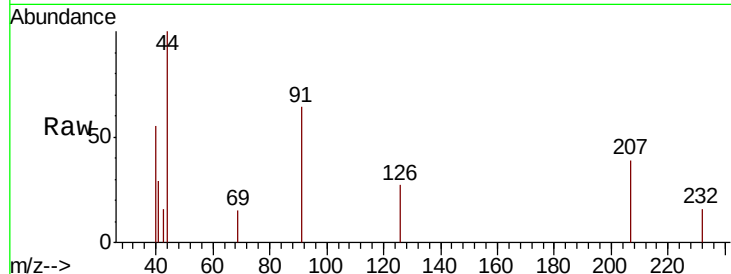




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.20 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

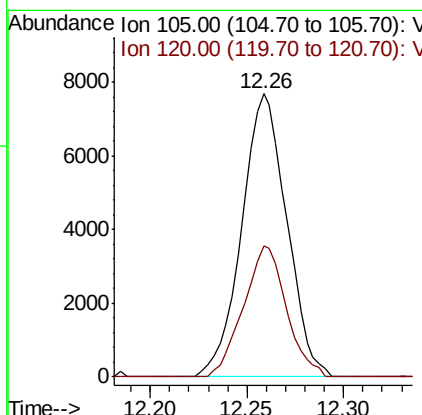
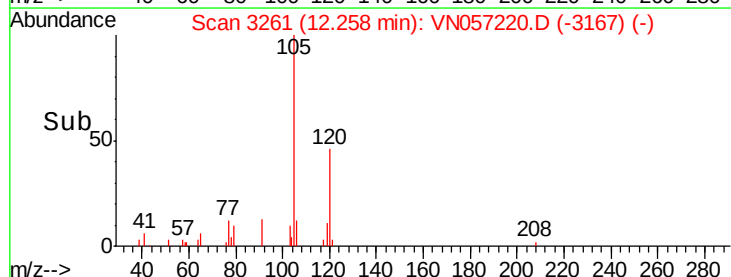
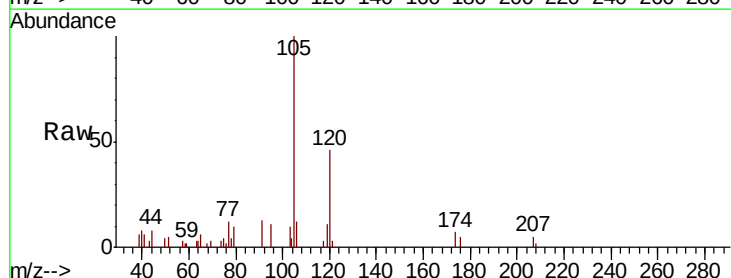
Instrument :
 MSVOA_N
 ClientSampled :
 PB122155TB

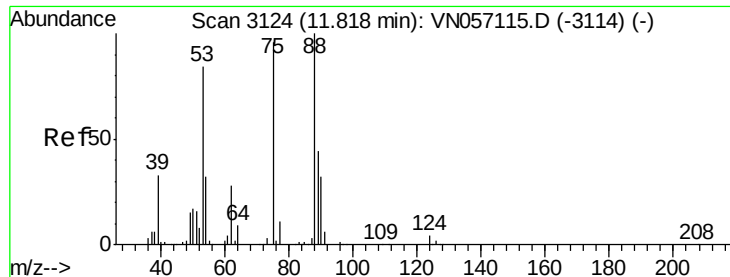
Tgt Ion: 91 Resp: 765
 Ion Ratio Lower Upper
 91 100
 126 31.4 18.1 54.3



#80
 1,3,5-Trimethylbenzene
 Concen: 0.414 ug/l
 RT: 12.26 min Scan# 3261
 Delta R.T. 0.00 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

Tgt Ion: 105 Resp: 12430
 Ion Ratio Lower Upper
 105 100
 120 44.2 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 98.056 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.10 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB122155TB

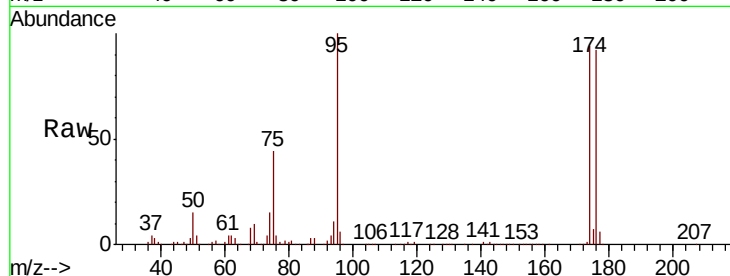
Tgt Ion: 75 Resp: 259629

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

89 0.0 36.4 54.6#

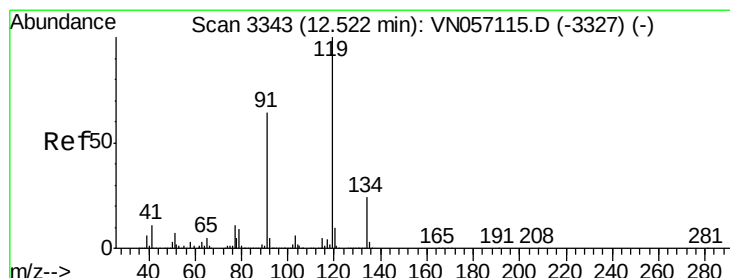
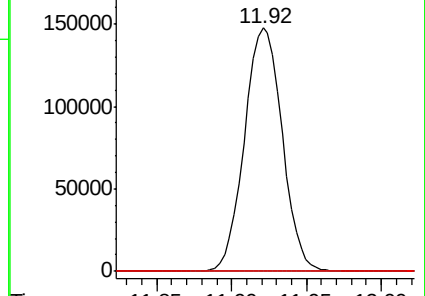
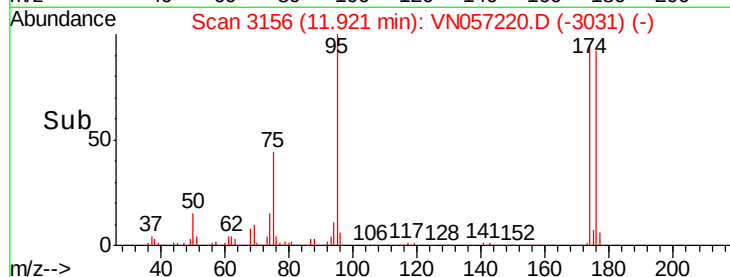


Abundance Ion 74.90 (74.60 to 75.60): VN057115.D (-3114) (-)

Ion 53.00 (52.70 to 53.70): VN057115.D (-3114) (-)

Ion 88.90 (88.60 to 89.60): VN057115.D (-3114) (-)

Time-->



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

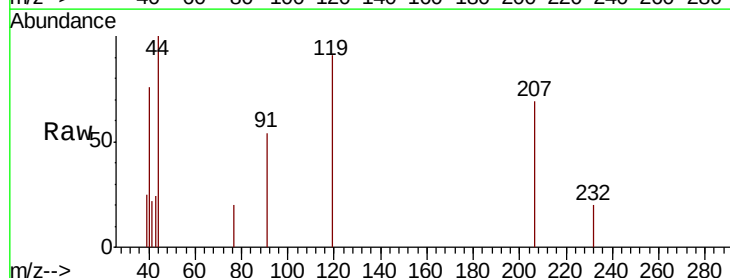
Tgt Ion: 119 Resp: 1024

Ion Ratio Lower Upper

119 100

91 57.2 31.4 94.2

134 3.5 13.2 39.6#

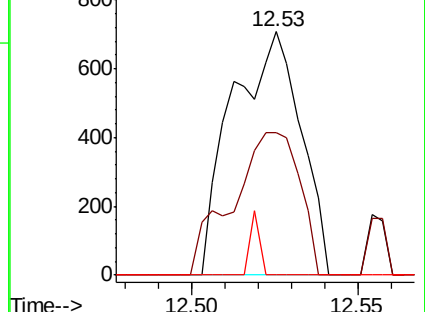
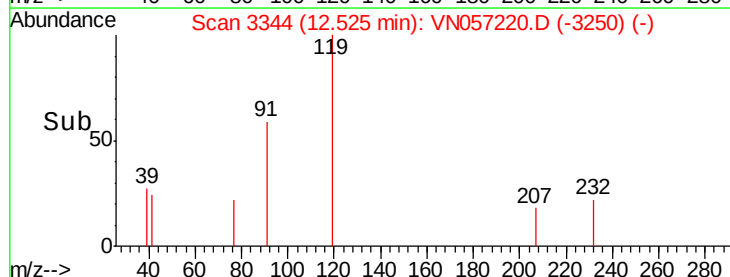


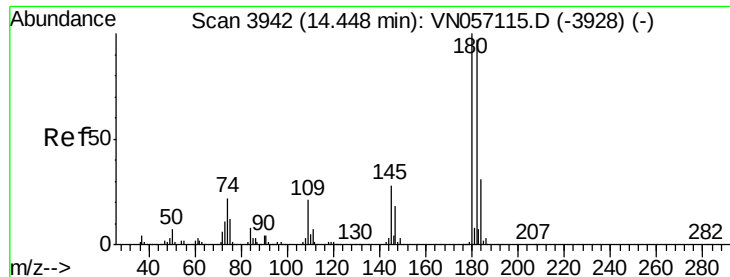
Abundance Ion 119.00 (118.70 to 119.70): VN057115.D (-3327) (-)

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

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

Time-->

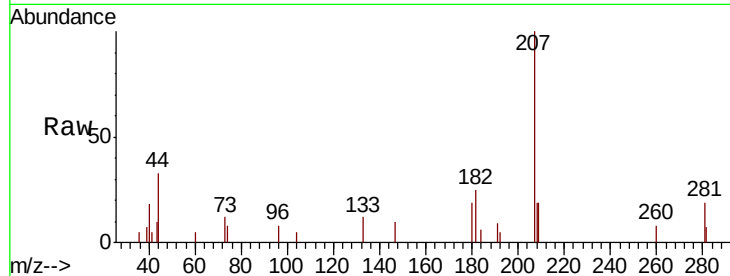




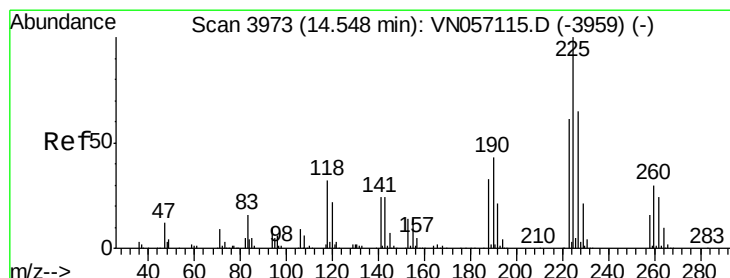
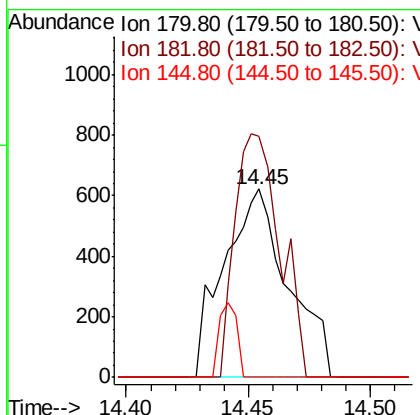
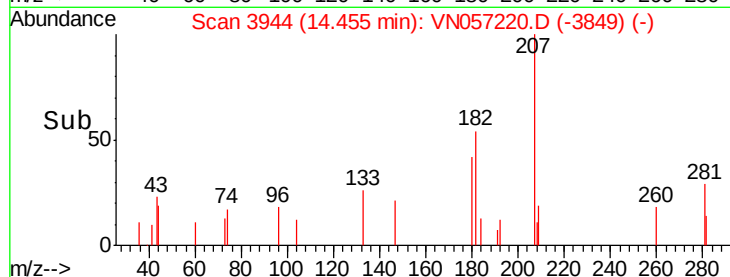
#93
 1,2,4-Trichlorobenzene
 Concen: 6.107 ug/l
 RT: 14.45 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

Instrument :
 MSVOA_N
 ClientSampleID :
 PB122155TB

Tgt Ion:180 Resp: 1130
 Ion Ratio Lower Upper
 180 100
 182 91.4 47.5 142.6
 145 11.2 14.1 42.2#

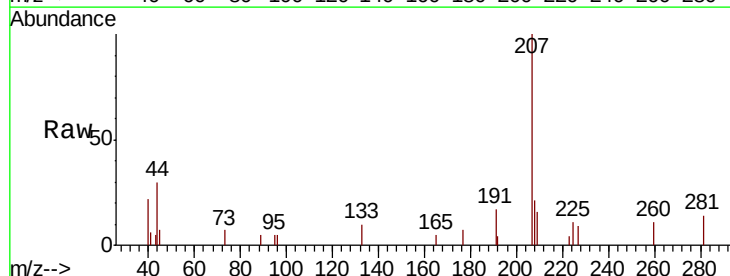


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

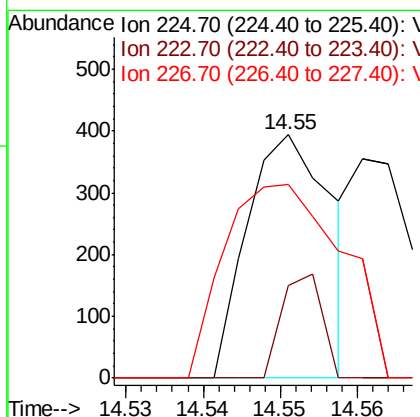
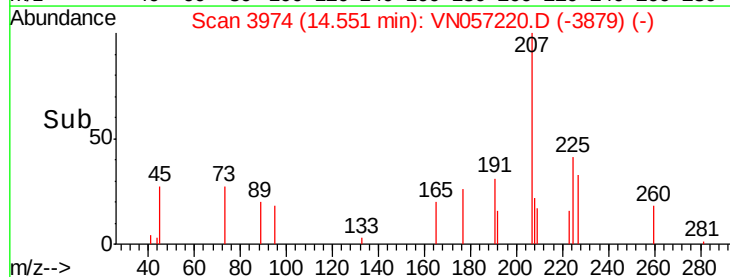


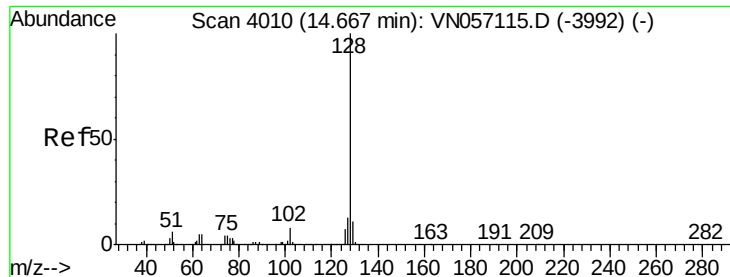
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 14.55 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VN057220.D
 Acq: 12 Aug 2019 17:14

Tgt Ion:225 Resp: 299
 Ion Ratio Lower Upper
 225 100
 223 20.4 30.9 92.8#
 227 111.0 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: 2.998 ug/l

RT: 14.67 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB122155TB

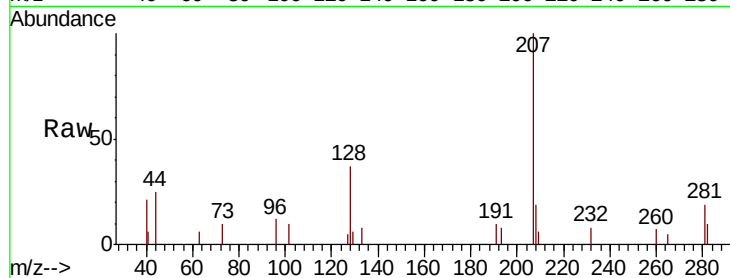
Tgt Ion:128 Resp: 1958

Ion Ratio Lower Upper

128 100

127 9.2 10.3 15.5#

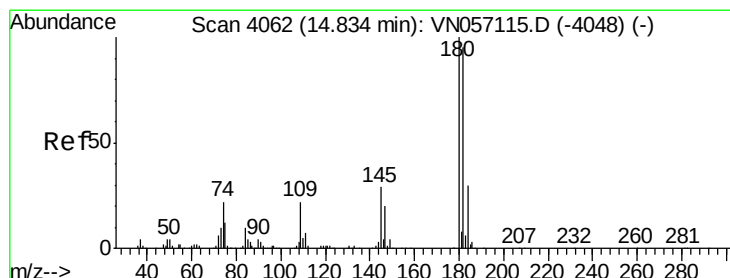
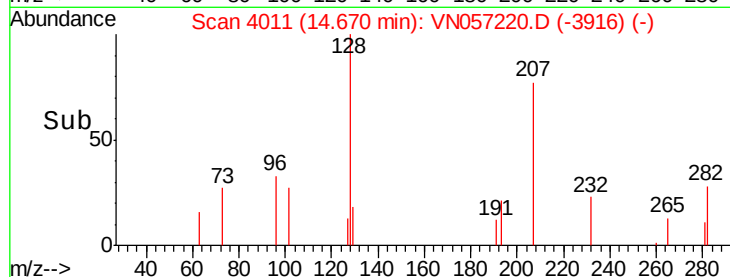
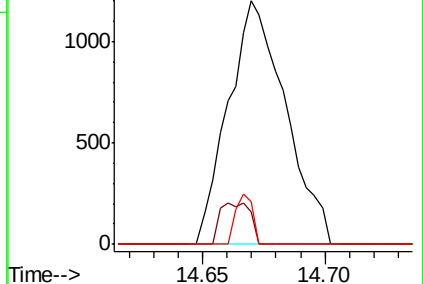
129 6.2 8.8 13.2#



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: 5.982 ug/l

RT: 14.84 min Scan# 4063

Delta R.T. 0.00 min

Lab File: VN057220.D

Acq: 12 Aug 2019 17:14

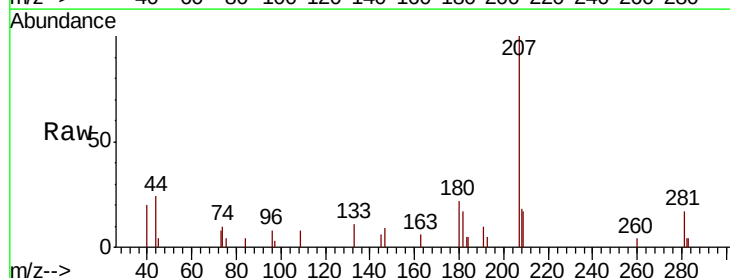
Tgt Ion:180 Resp: 1719

Ion Ratio Lower Upper

180 100

182 79.3 48.3 144.8

145 25.7 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

