

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012820\
 Data File : VN059892.D
 Acq On : 28 Jan 2020 13:09
 Operator : JC/MD
 Sample : L1238-01MEDL 5X
 Misc : 3.33g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLIFTON-POLES

Quant Time: Jan 28 13:28:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	216605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	327160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	303083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155261	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111992	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	7.56	113	96676	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
50) Toluene-d8	10.08	98	389129	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.40	95	141927	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.69	59	197	0.49	ug/l	# 72
16) Acetone	3.79	43	3185	Below	Cal	# 85
17) Carbon Disulfide	4.02	76	1178	0.21	ug/l	# 75
18) Methyl Acetate	4.30	43	2099	0.75	ug/l	# 65
20) Methylene Chloride	4.53	84	673	Below	Cal	# 49
25) 2-Butanone	6.80	43	345	0.25	ug/l	# 50
31) Cyclohexane	7.63	56	3847	1.08	ug/l	# 1
36) 1,1-Dichloropropene	7.64	75	14642	5.14	ug/l	# 50
38) Carbon Tetrachloride	7.64	117	19953	6.44	ug/l	# 16
40) Benzene	8.02	78	2378	0.28	ug/l	# 92
51) 4-Methyl-2-Pentanone	9.97	43	1312	0.49	ug/l	# 64
52) Toluene	10.14	92	4592	0.86	ug/l	# 97
67) Ethyl Benzene	11.51	91	12990	1.20	ug/l	# 96
68) m/p-Xylenes	11.61	106	11187	2.74	ug/l	# 90
69) o-Xylene	11.94	106	5597	1.40	ug/l	# 97
73) Isopropylbenzene	12.24	105	11418	1.00	ug/l	# 98
76) 1,2,3-Trichloropropane	12.40	75	71138	27.23	ug/l	# 100
78) n-propylbenzene	12.59	91	6162	0.48	ug/l	# 54
79) 2-Chlorotoluene	12.65	91	8573	1.13	ug/l	# 47
80) 1,3,5-Trimethylbenzene	12.73	105	107207	11.20	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	71138	58.47	ug/l	# 11
82) 4-Chlorotoluene	12.73	91	9843	1.29	ug/l	# 42
83) tert-Butylbenzene	13.04	119	29215	3.53	ug/l	# 69
84) 1,2,4-Trimethylbenzene	13.03	105	242719	25.62	ug/l	# 97
85) sec-Butylbenzene	13.03	105	242719	22.31	ug/l	# 57
86) p-Isopropyltoluene	13.28	119	24574	2.44	ug/l	# 98
89) n-Butylbenzene	13.54	91	172976	20.15	ug/l	# 46
90) Hexachloroethane	13.89	117	13642	7.24	ug/l	# 12
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10486	13.27	ug/l	# 6
93) 1,2,4-Trichlorobenzene	14.91	180	3050	1.03	ug/l	# 1
94) Hexachlorobutadiene	15.01	225	675	0.41	ug/l	# 94
95) Naphthalene	15.13	128	10845389	1281.45	ug/l	# 28
96) 1,2,3-Trichlorobenzene	15.31	180	4345	1.50	ug/l	# 84

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

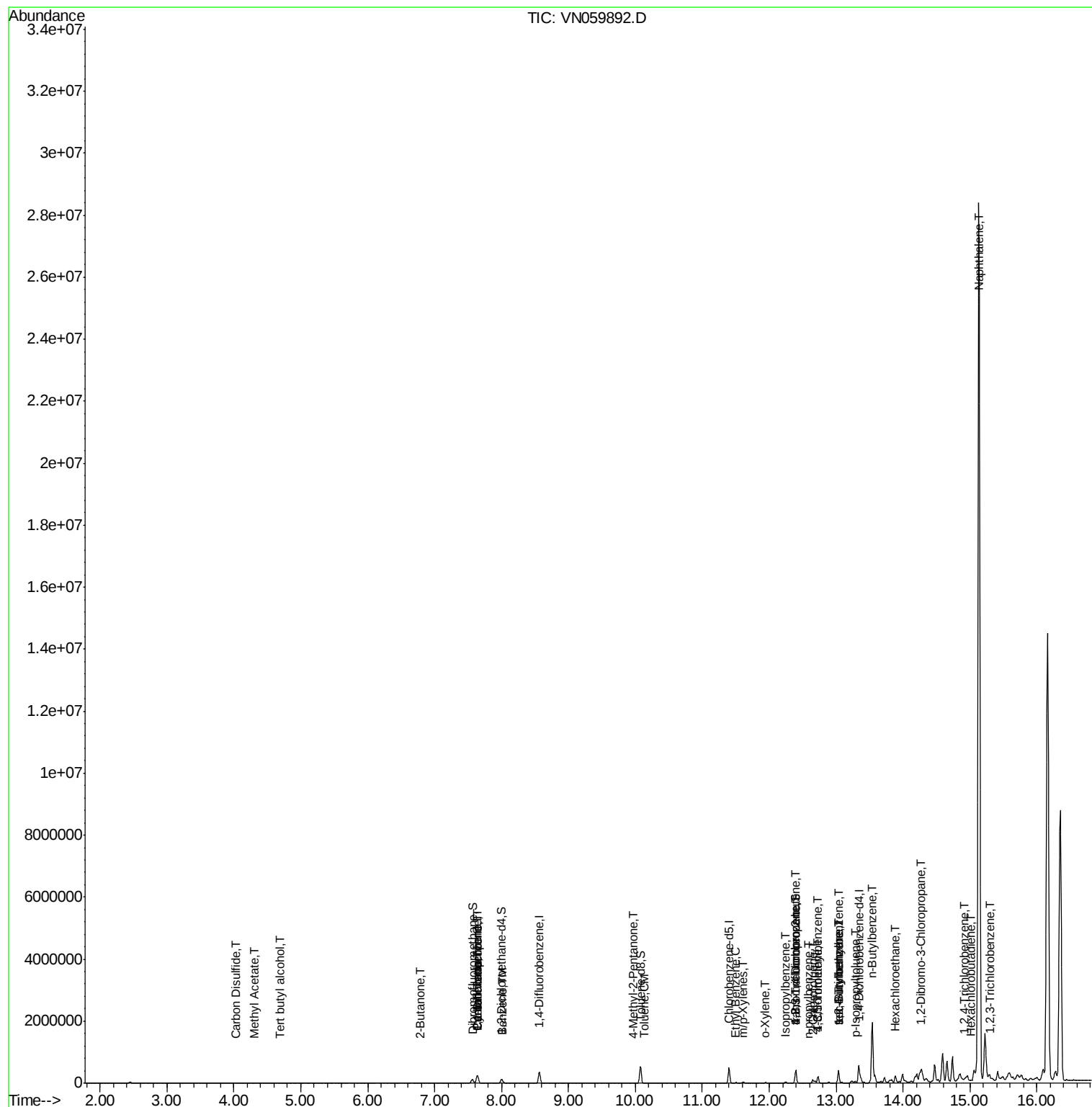
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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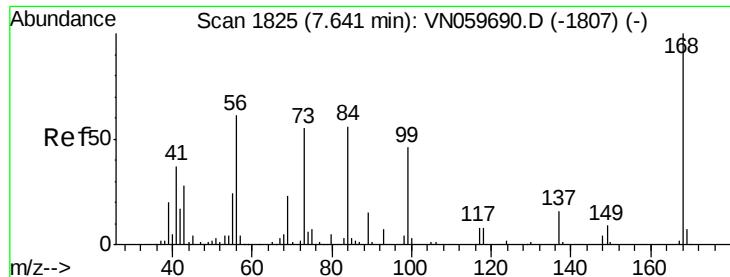
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN012820\
Data File : VN059892.D
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

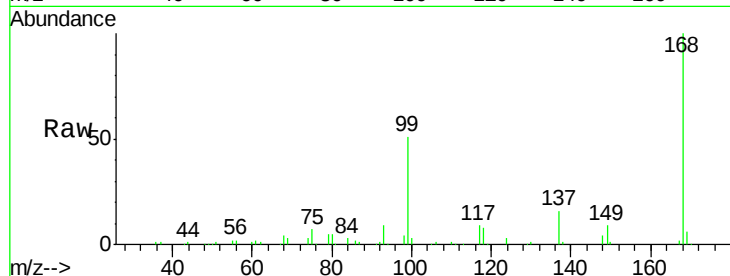
CLIFTON-POLES

Tgt Ion: 168 Resp: 216605

Ion Ratio Lower Upper

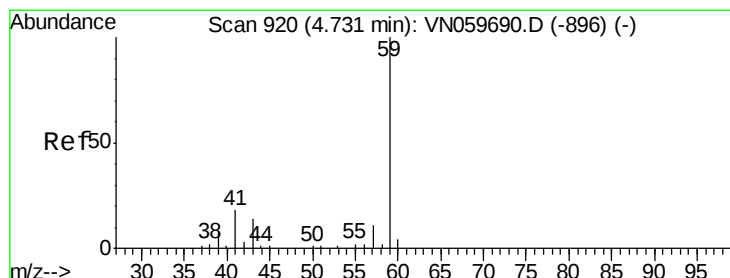
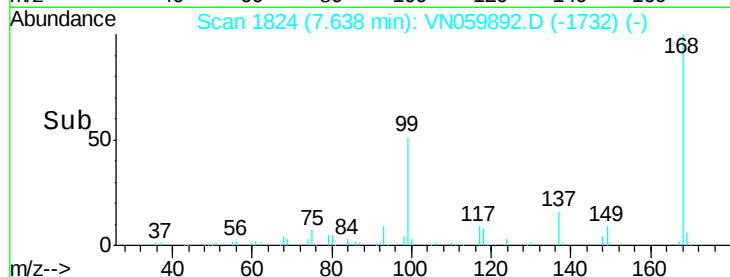
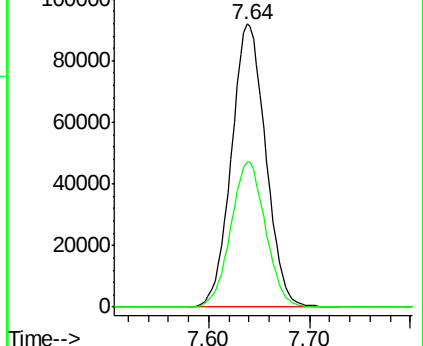
168 100

99 51.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.49 ug/l

RT: 4.69 min Scan# 906

Delta R.T. -0.04 min

Lab File: VN059892.D

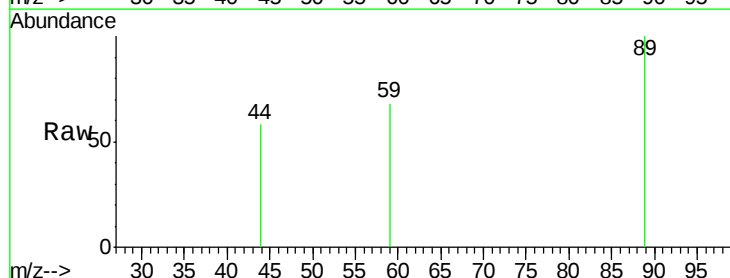
Acq: 28 Jan 2020 13:09

Tgt Ion: 59 Resp: 197

Ion Ratio Lower Upper

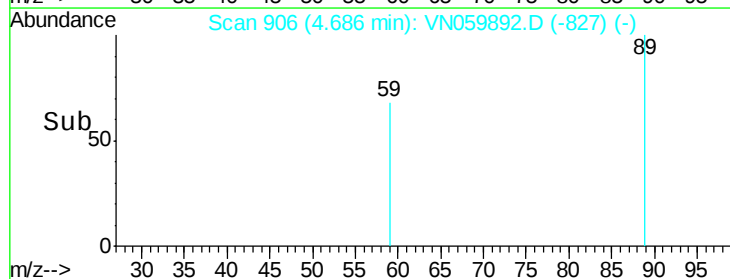
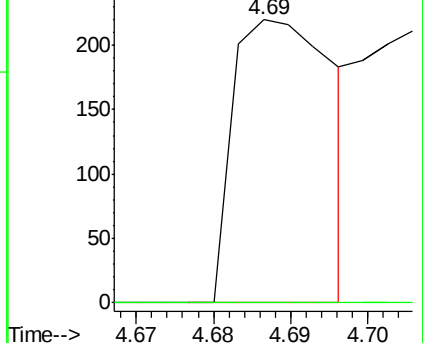
59 100

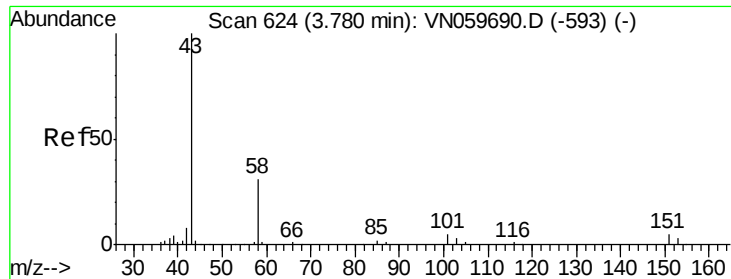
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

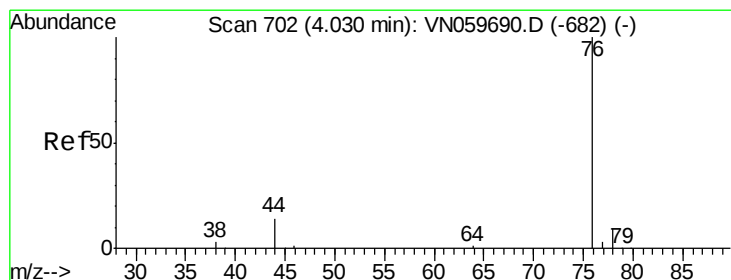
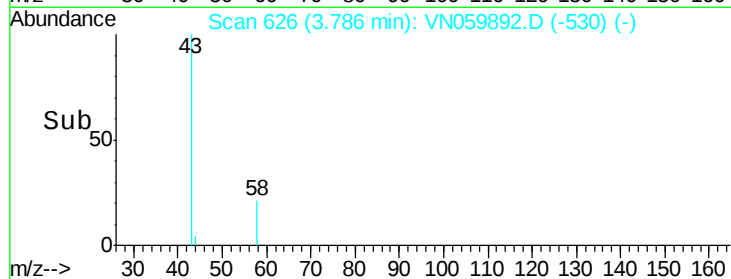
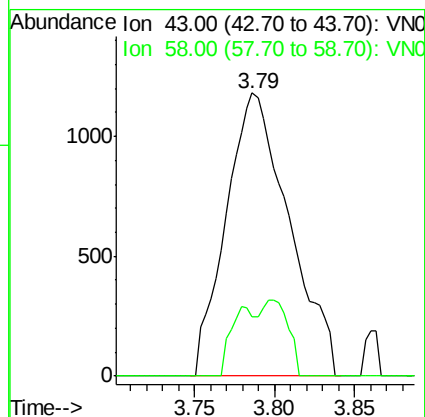
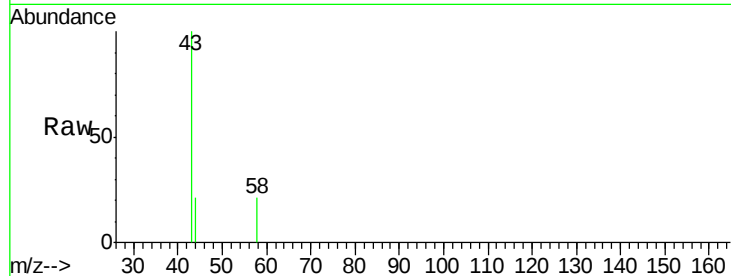
CLIFTON-POLES

Tgt Ion: 43 Resp: 3185

Ion Ratio Lower Upper

43 100

58 21.2 23.6 35.4#



#17

Carbon Disulfide

Concen: 0.21 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.01 min

Lab File: VN059892.D

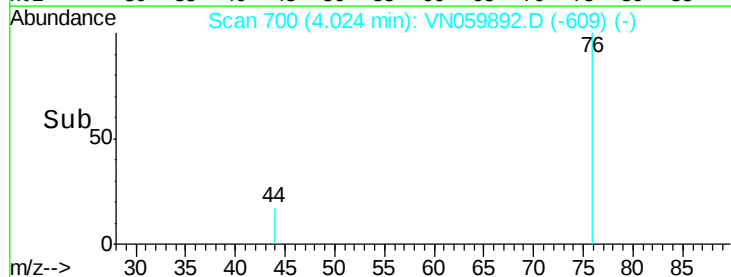
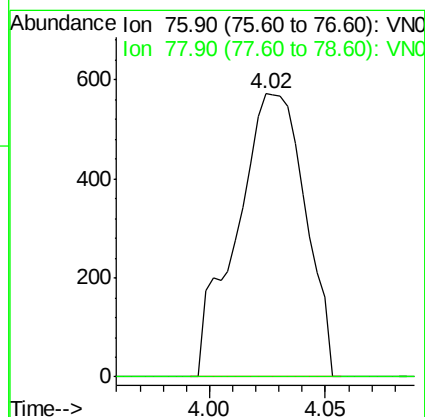
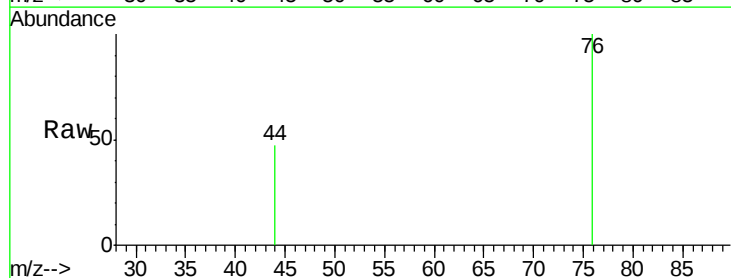
Acq: 28 Jan 2020 13:09

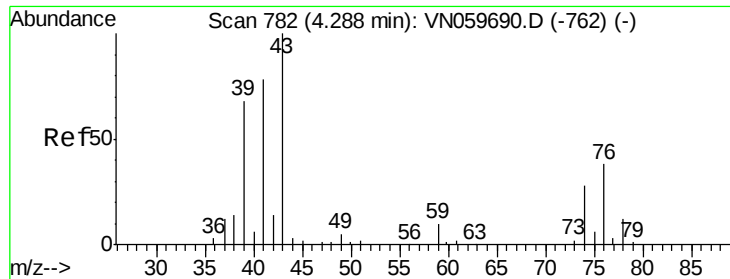
Tgt Ion: 76 Resp: 1178

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

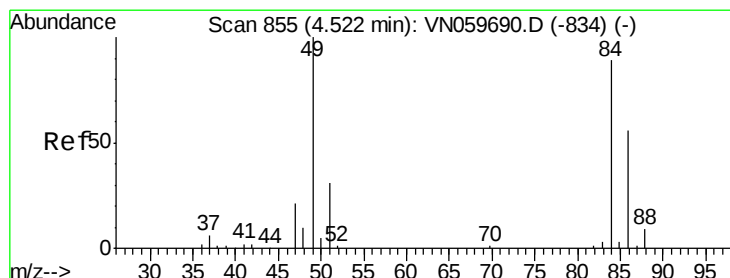
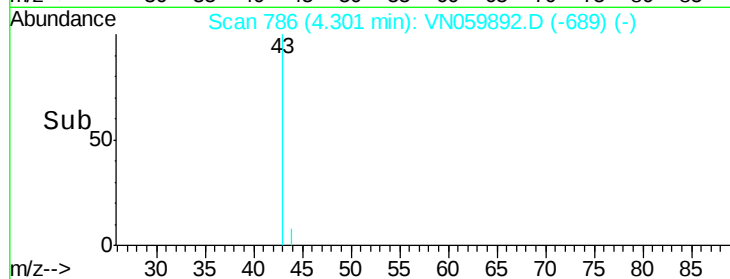
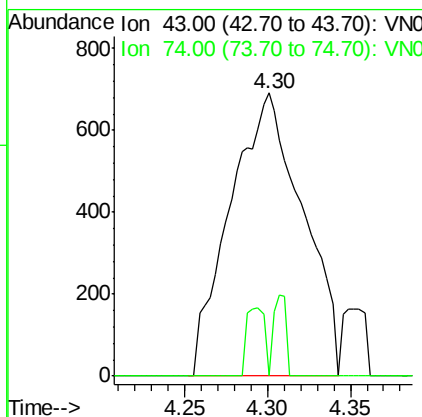
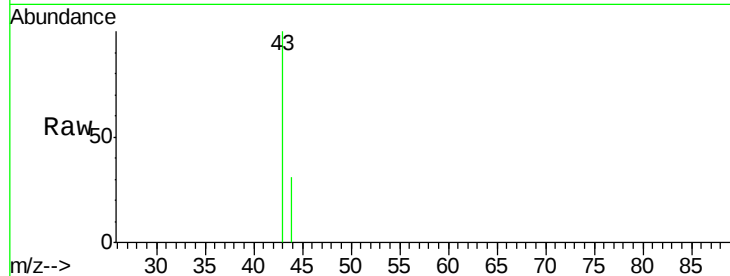




#18
Methyl Acetate
Concen: 0.75 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059892.D
Acq: 28 Jan 2020 13:09

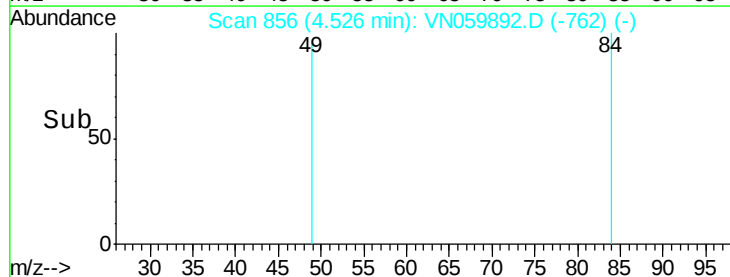
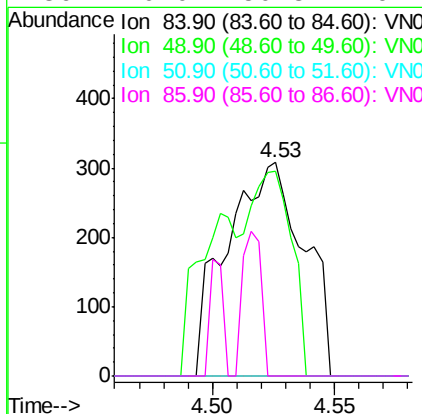
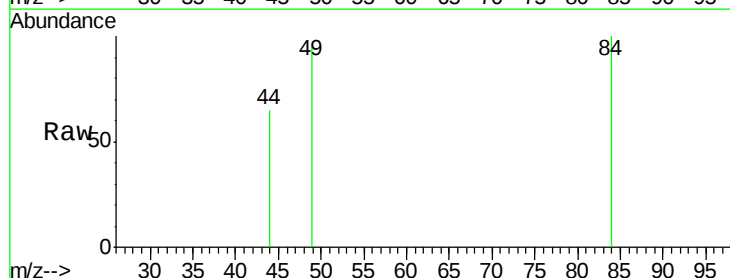
Instrument :
MSVOA_N
ClientSampleId :
CLIFTON-POLES

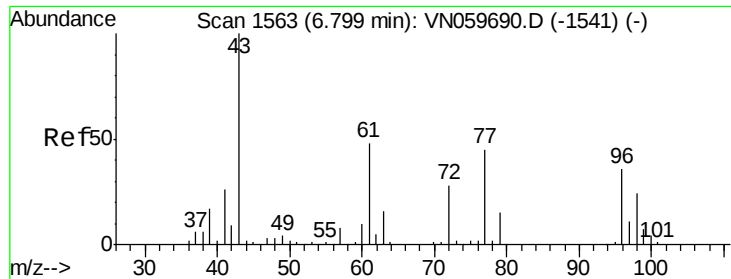
Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
74 5.1 17.5 26.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059892.D
Acq: 28 Jan 2020 13:09

Tgt Ion: 84 Resp: 673
Ion Ratio Lower Upper
84 100
49 95.8 106.6 160.0#
51 0.0 31.9 47.9#
86 0.0 50.8 76.2#

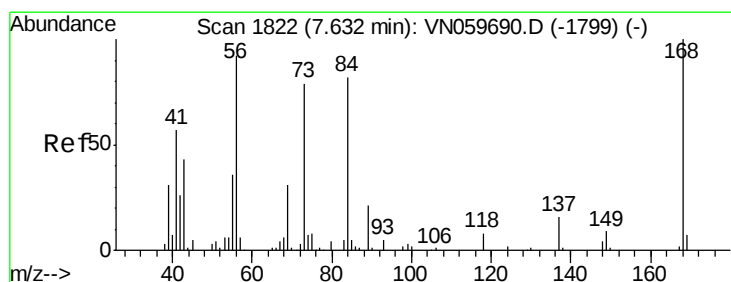
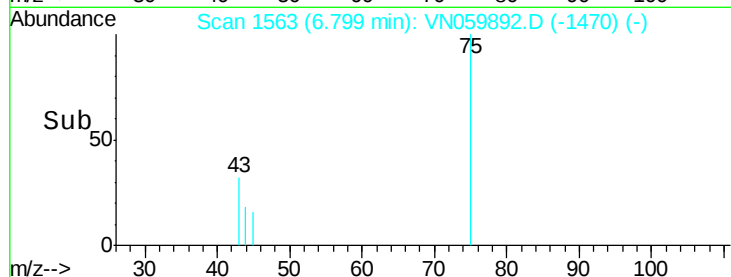
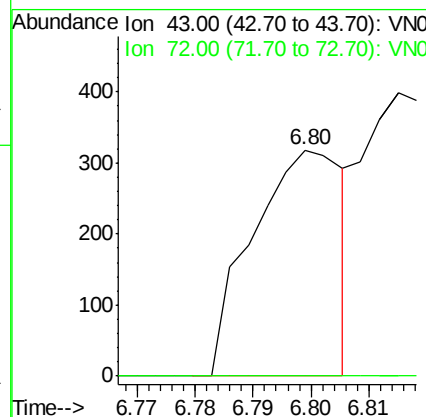
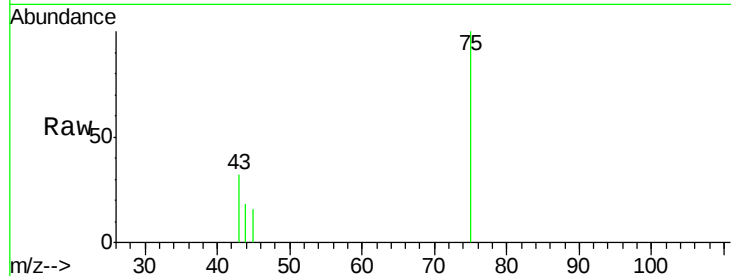




#25
2-Butanone
Concen: 0.25 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059892.D
Acq: 28 Jan 2020 13:09

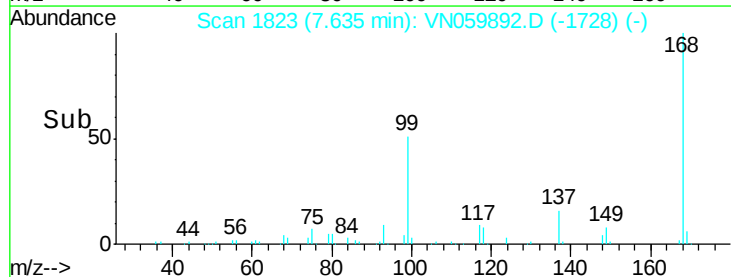
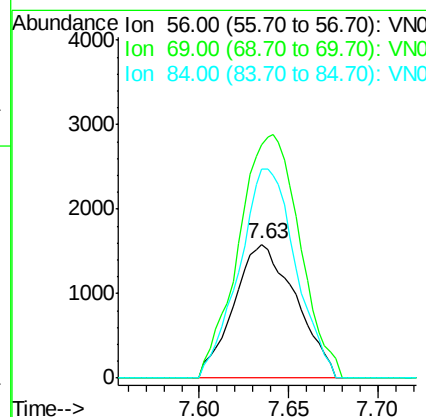
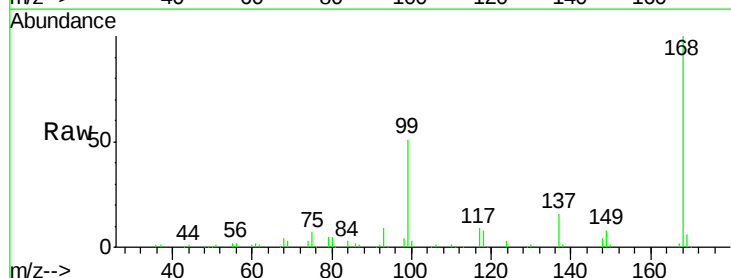
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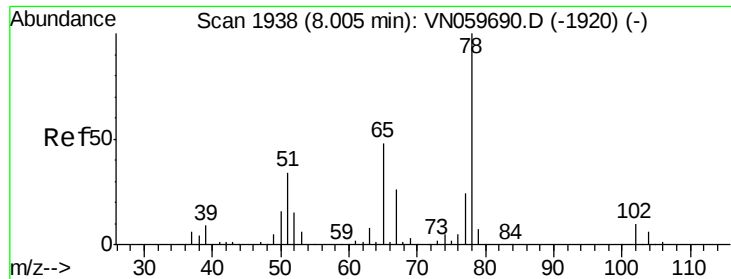
Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059892.D
Acq: 28 Jan 2020 13:09

Tgt Ion: 56 Resp: 3847
Ion Ratio Lower Upper
56 100
69 174.2 26.5 39.7#
84 156.3 65.3 97.9#

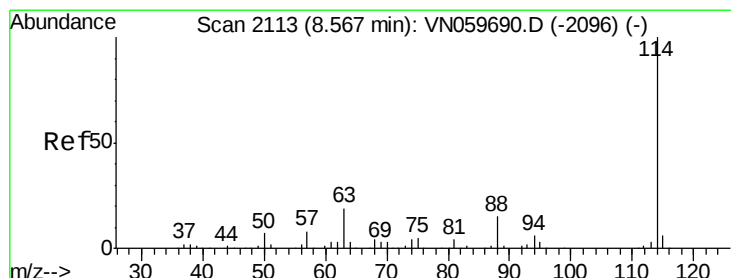
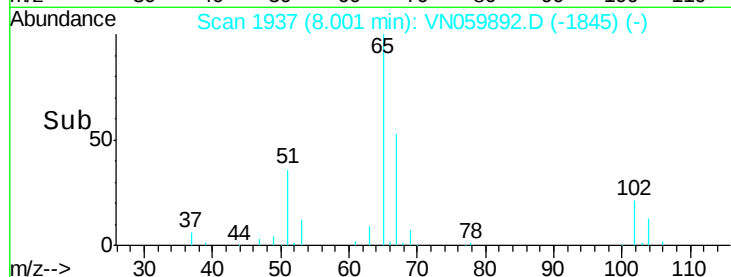
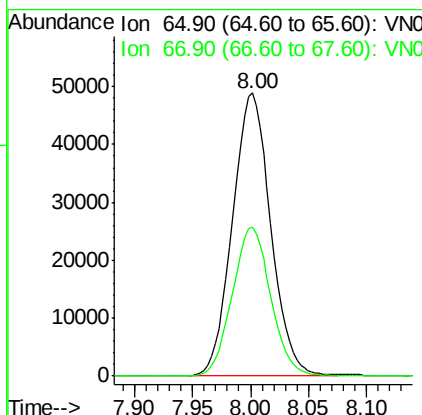
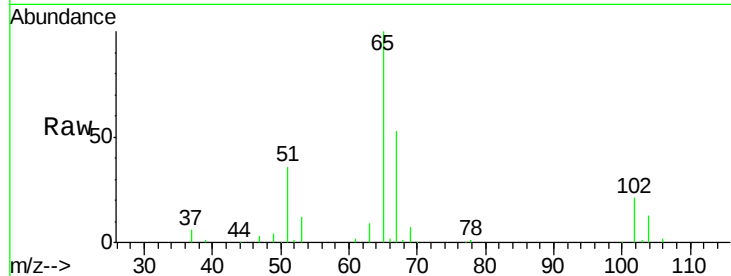




#33
 1,2-Dichloroethane-d4
 Concen: 46.56 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059892.D
 Acq: 28 Jan 2020 13:09

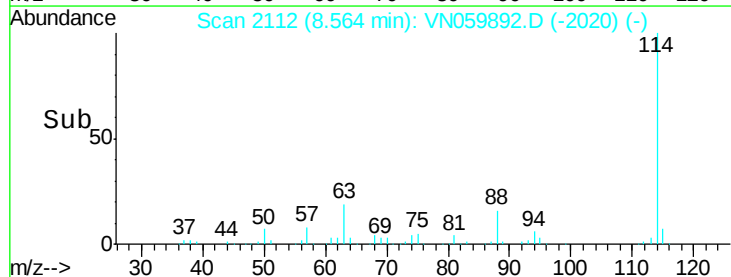
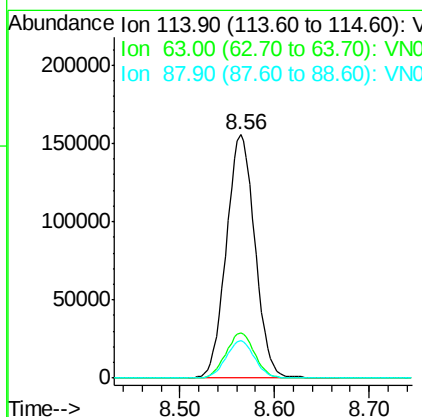
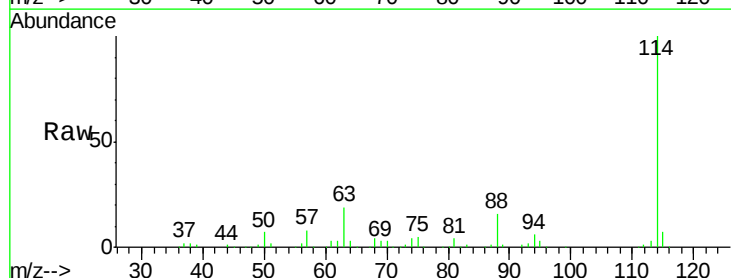
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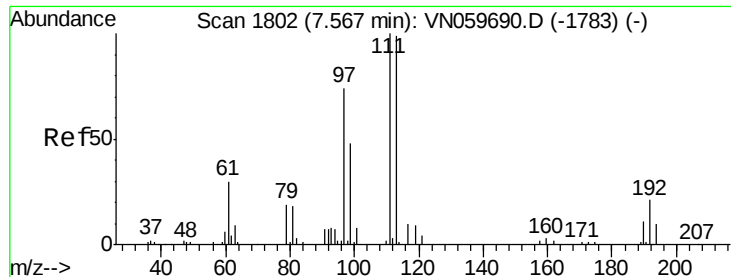
Tgt Ion: 65 Resp: 111992
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059892.D
 Acq: 28 Jan 2020 13:09

Tgt Ion: 114 Resp: 327160
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 43.6
 88 15.6 0.0 31.4

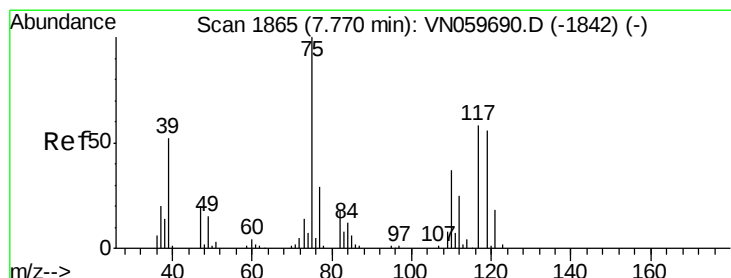
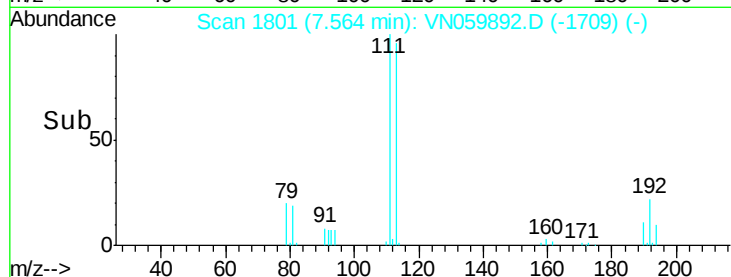
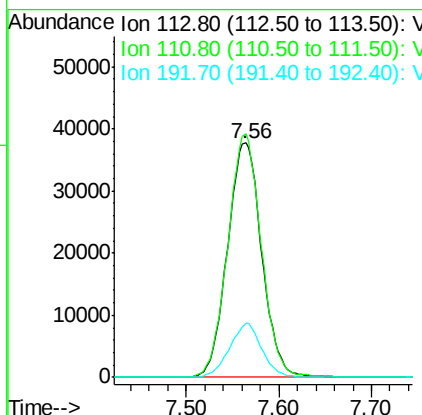
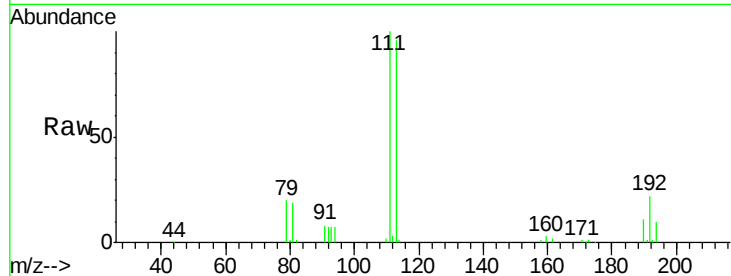




#35
 Dibromofluoromethane
 Concen: 49.55 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059892.D
 Acq: 28 Jan 2020 13:09

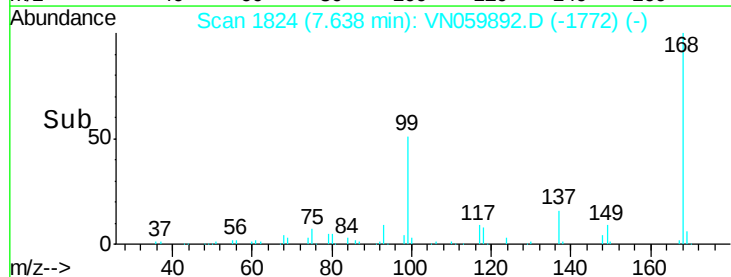
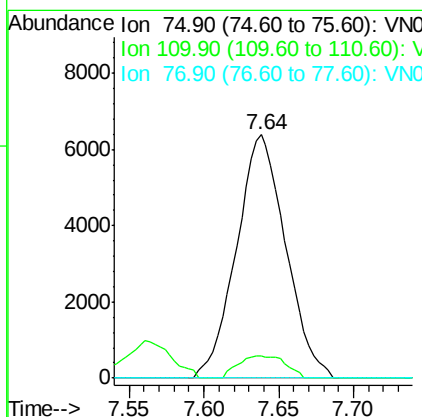
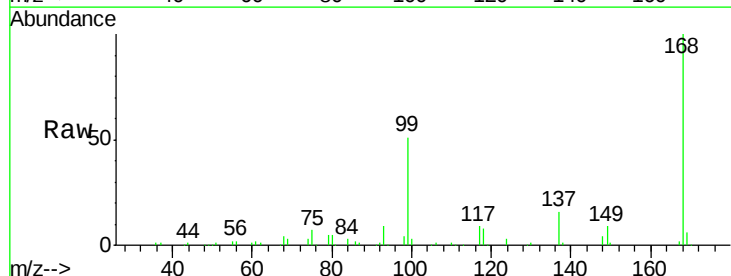
Instrument :
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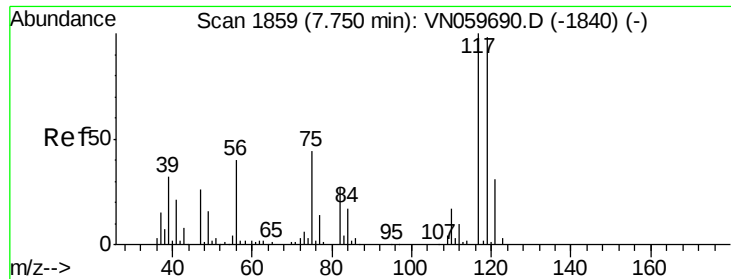
Tgt Ion:113 Resp: 96676
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.5 125.3
 192 21.5 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 5.14 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN059892.D
 Acq: 28 Jan 2020 13:09

Tgt Ion: 75 Resp: 14642
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.6 49.7#
 77 0.0 25.1 37.7#

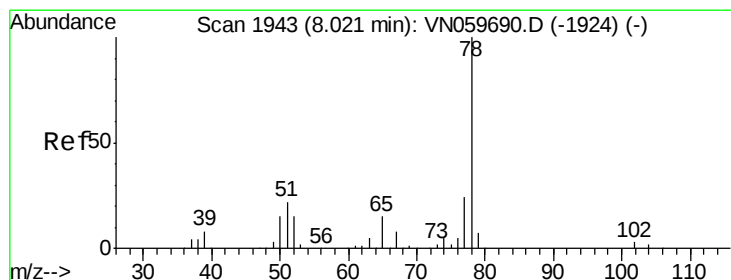
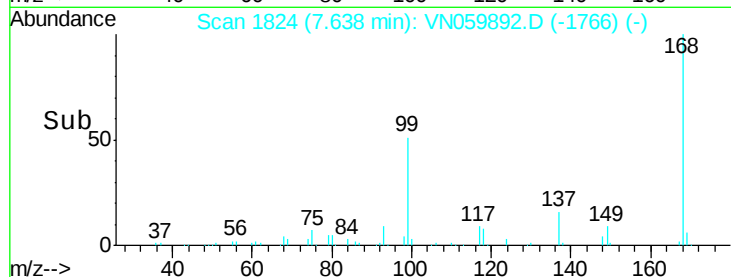
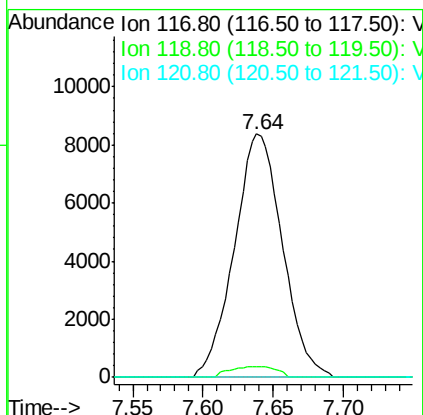
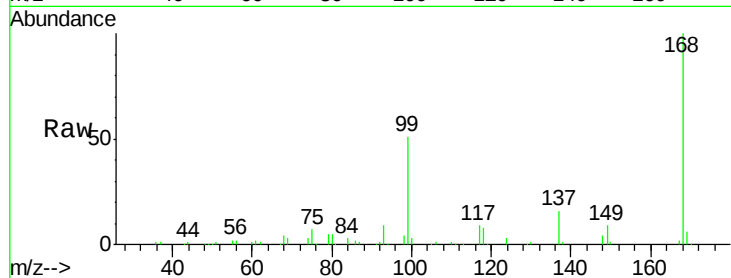




#38
 Carbon Tetrachloride
 Concen: 6.44 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.11 min
 Lab File: VN059892.D
 Acq: 28 Jan 2020 13:09

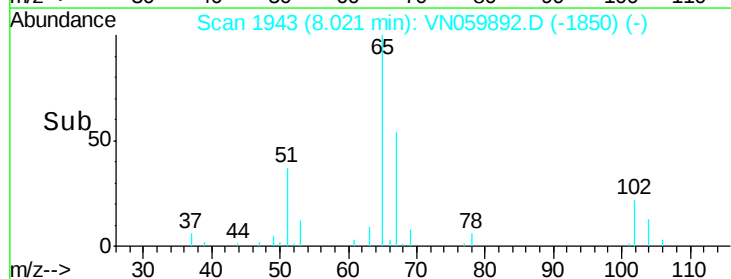
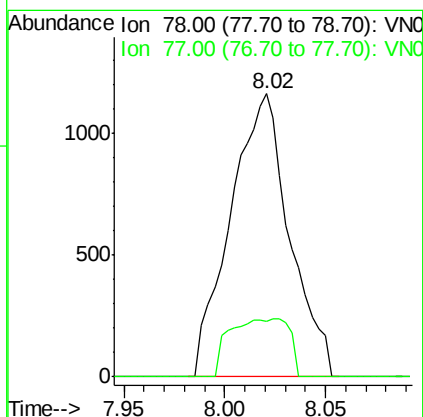
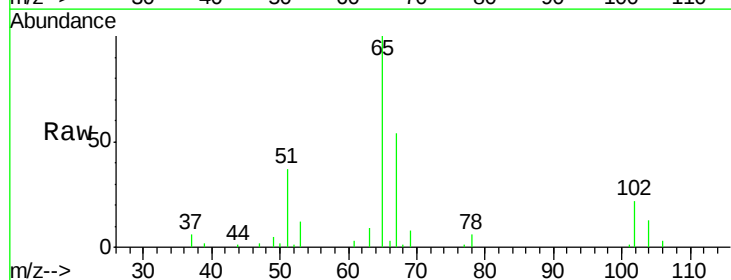
Instrument :
 MSVOA_N
 ClientSampleId :
 CLIFTON-POLES

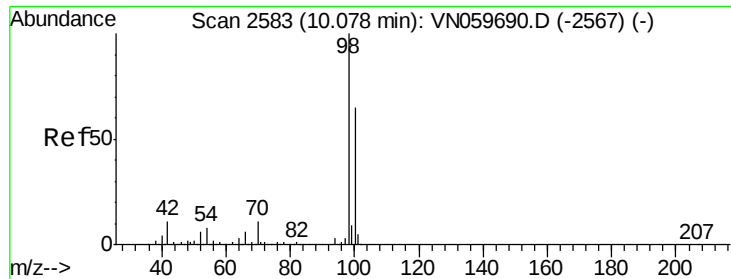
Tgt Ion: 117 Resp: 19953
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.5 114.7#
 121 0.0 25.1 37.7#



#40
 Benzene
 Concen: 0.28 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN059892.D
 Acq: 28 Jan 2020 13:09

Tgt Ion: 78 Resp: 2378
 Ion Ratio Lower Upper
 78 100
 77 19.8 18.9 28.3





#50

Toluene-d8

Concen: 51.48 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

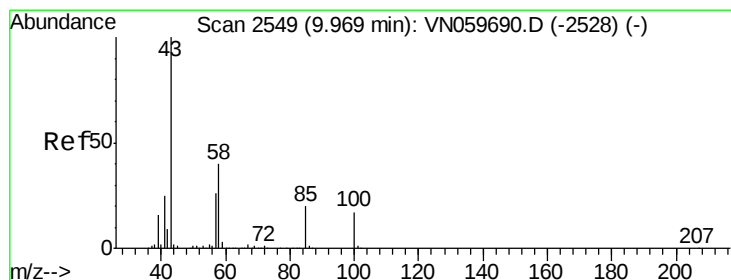
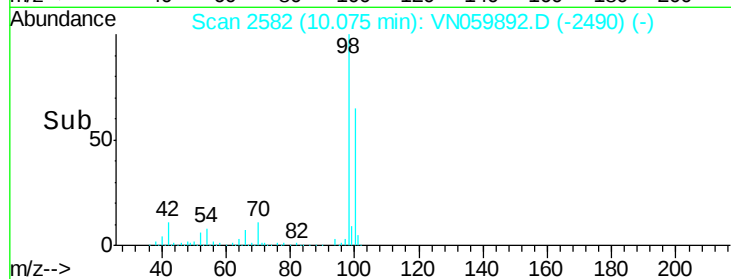
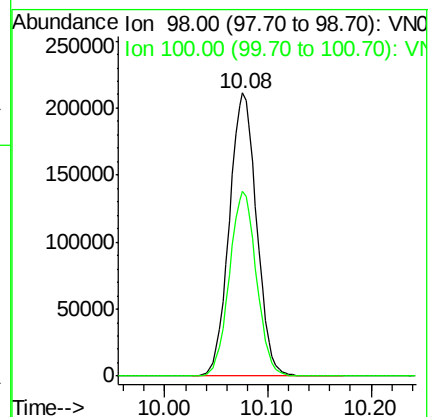
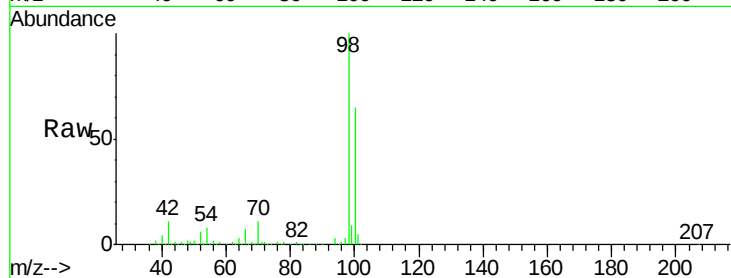
CLIFTON-POLES

Tgt Ion: 98 Resp: 389129

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 0.49 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059892.D

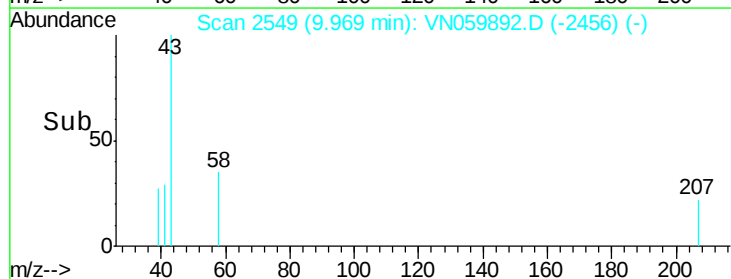
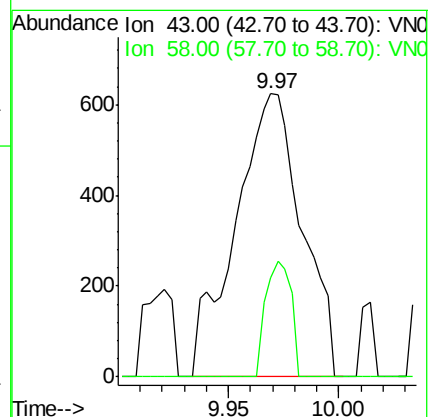
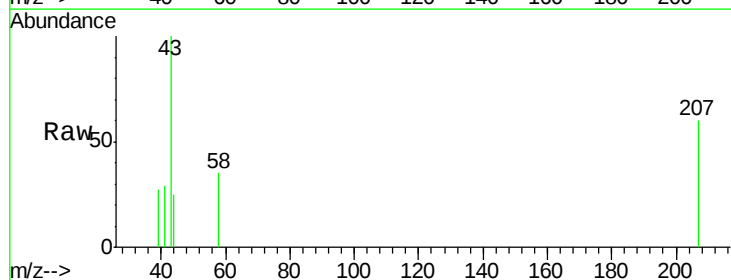
Acq: 28 Jan 2020 13:09

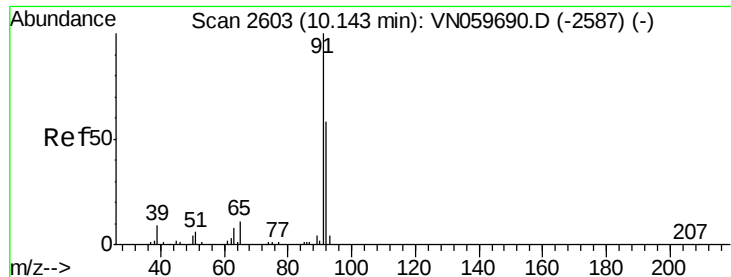
Tgt Ion: 43 Resp: 1312

Ion Ratio Lower Upper

43 100

58 15.5 29.8 44.8#





#52

Toluene

Concen: 0.86 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

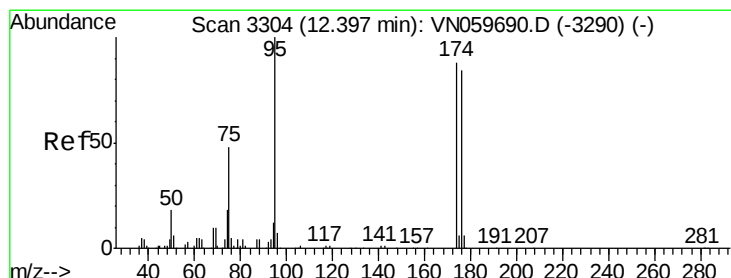
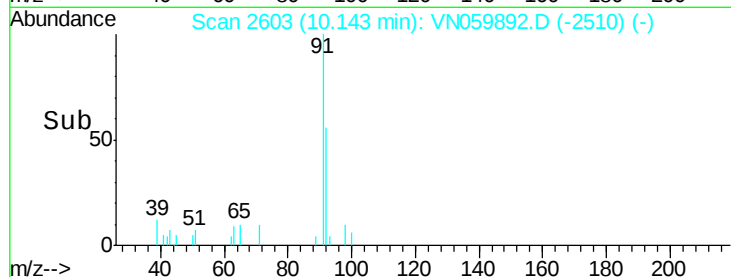
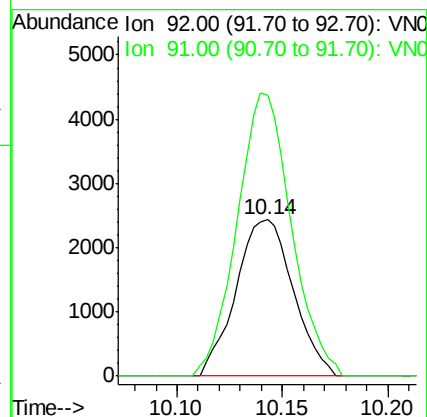
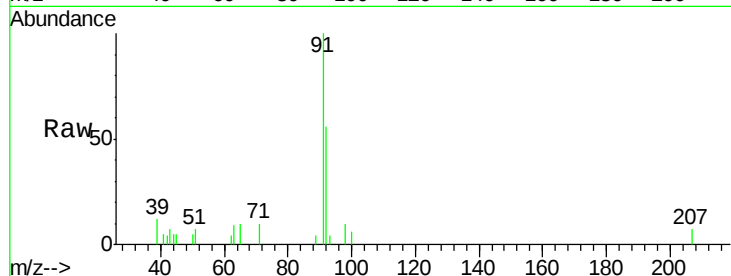
CLIFTON-POLES

Tgt Ion: 92 Resp: 4592

Ion Ratio Lower Upper

92 100

91 171.3 140.4 210.6



#62

4-Bromofluorobenzene

Concen: 52.08 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

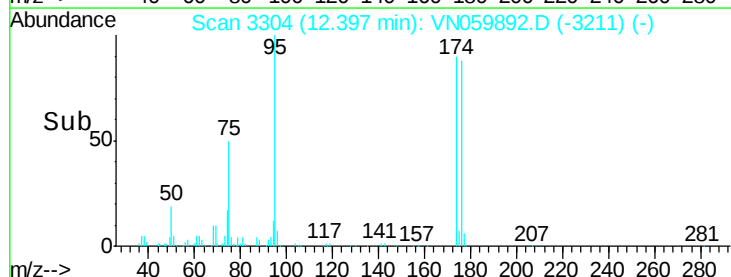
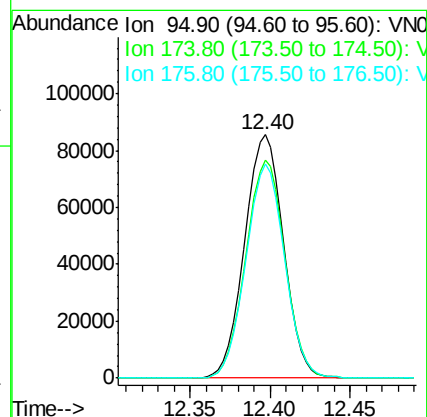
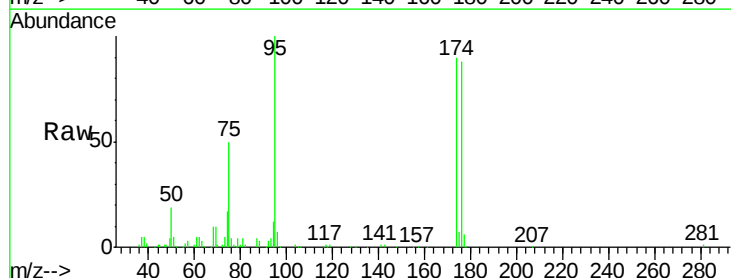
Tgt Ion: 95 Resp: 141927

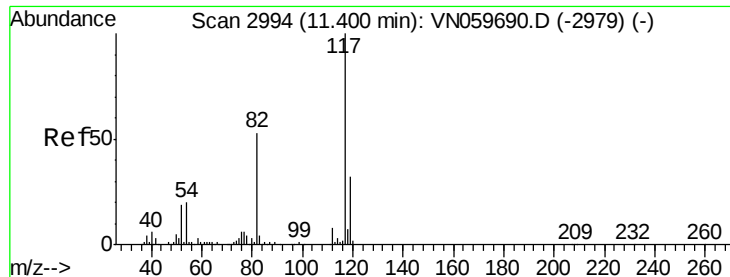
Ion Ratio Lower Upper

95 100

174 90.3 0.0 151.4

176 87.6 0.0 146.0

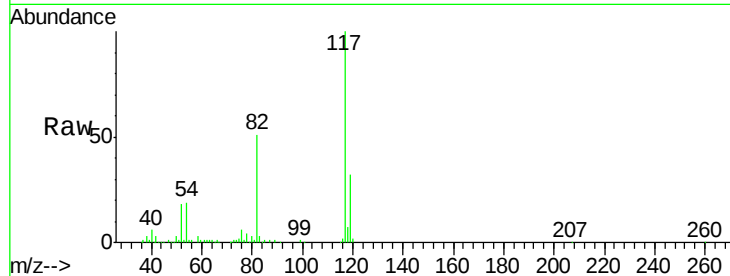




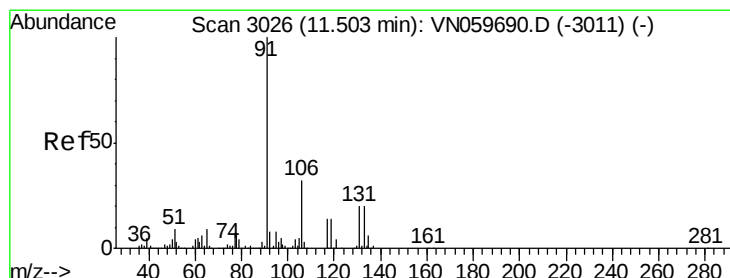
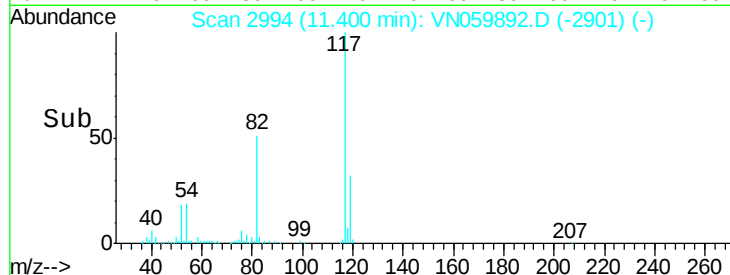
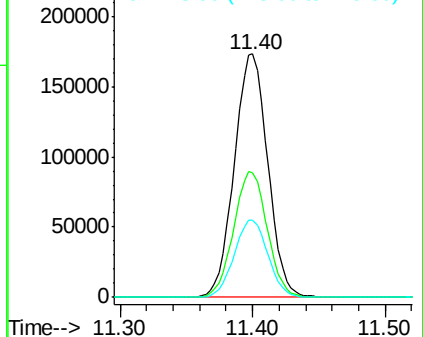
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059892.D
Acq: 28 Jan 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
CLIFTON-POLES

Tgt Ion: 117 Resp: 303083
Ion Ratio Lower Upper
117 100
82 51.1 45.9 68.9
119 31.7 25.5 38.3

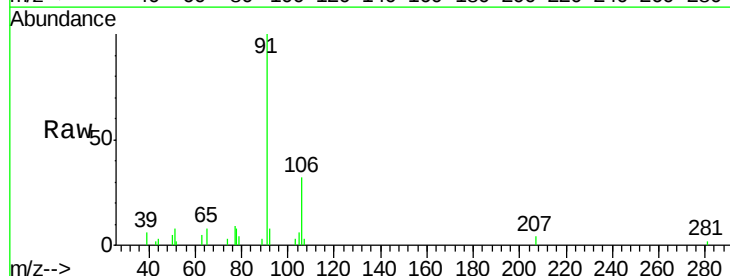


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

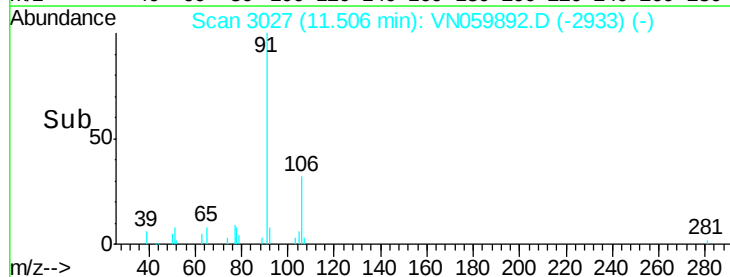
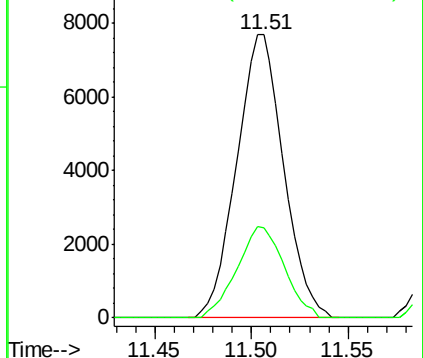


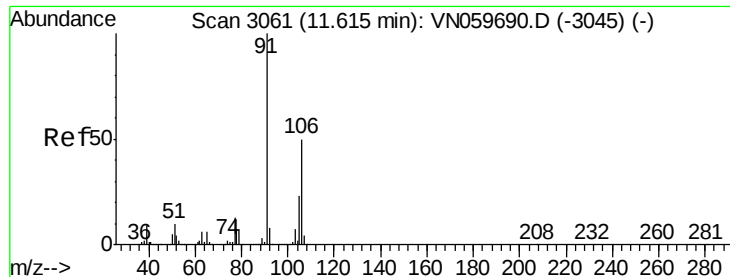
#67
Ethyl Benzene
Concen: 1.20 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059892.D
Acq: 28 Jan 2020 13:09

Tgt Ion: 91 Resp: 12990
Ion Ratio Lower Upper
91 100
106 32.0 24.1 36.1



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

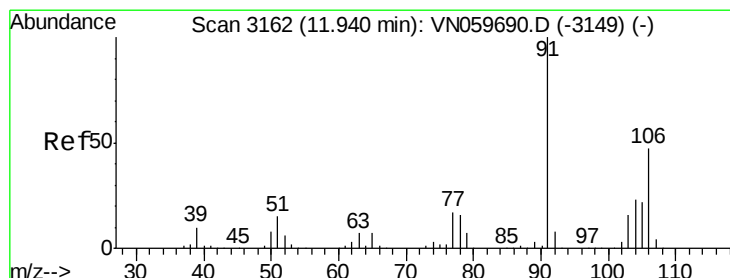
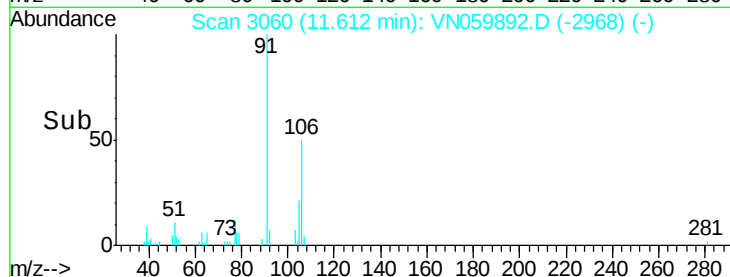
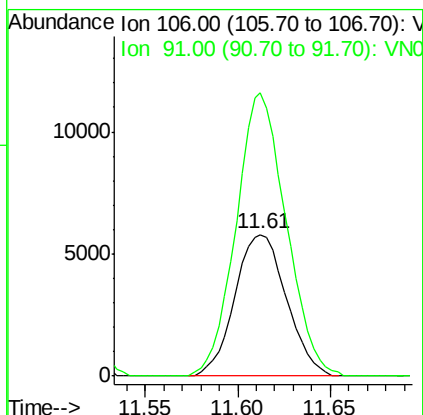
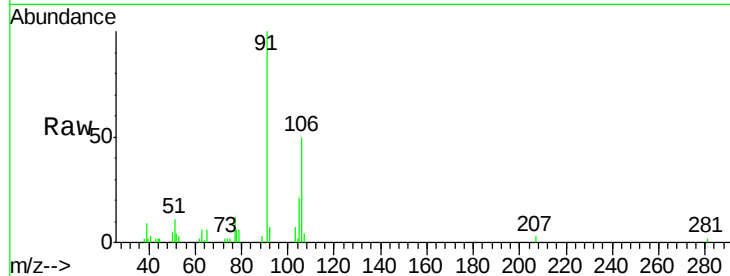




#68
m/p-Xylenes
Concen: 2.74 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059892.D
Acq: 28 Jan 2020 13:09

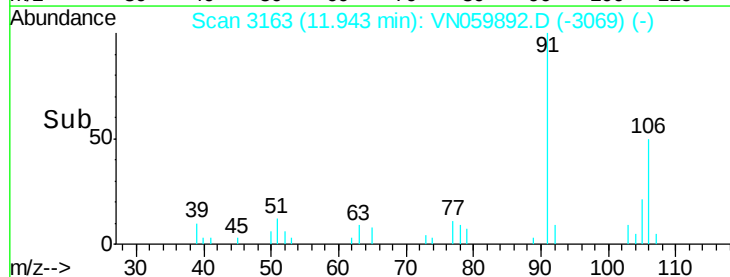
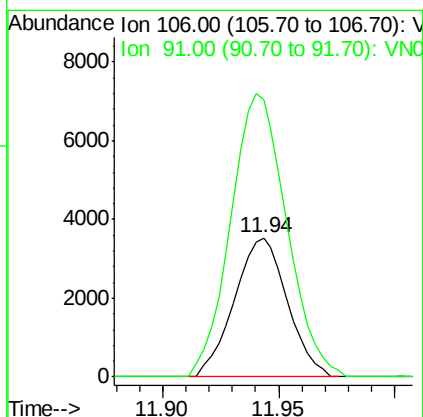
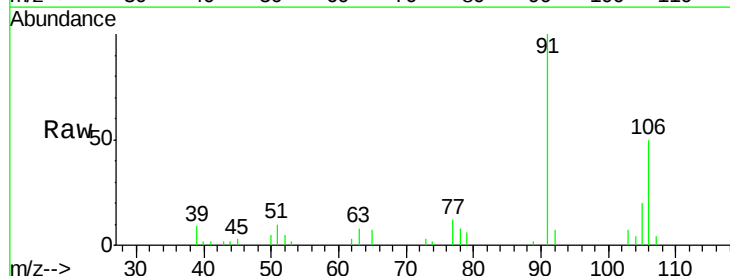
Instrument :
MSVOA_N
ClientSampleId :
CLIFTON-POLES

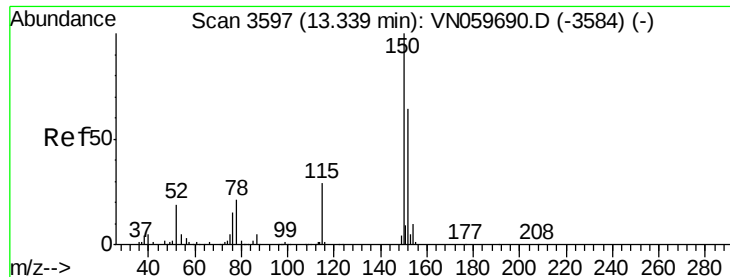
Tgt Ion:106 Resp: 11187
Ion Ratio Lower Upper
106 100
91 194.0 167.9 251.9



#69
o-Xylene
Concen: 1.40 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059892.D
Acq: 28 Jan 2020 13:09

Tgt Ion:106 Resp: 5597
Ion Ratio Lower Upper
106 100
91 215.1 110.3 330.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

CLIFTON-POLES

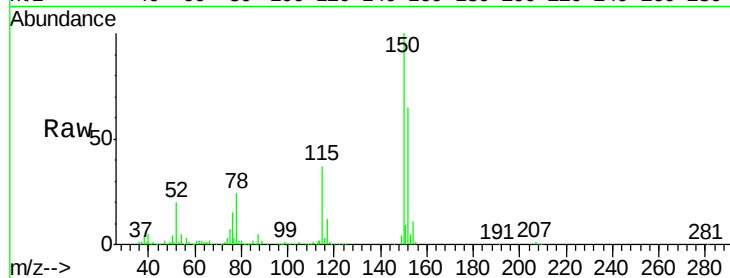
Tgt Ion:152 Resp: 155261

Ion Ratio Lower Upper

152 100

115 59.0 30.3 90.9

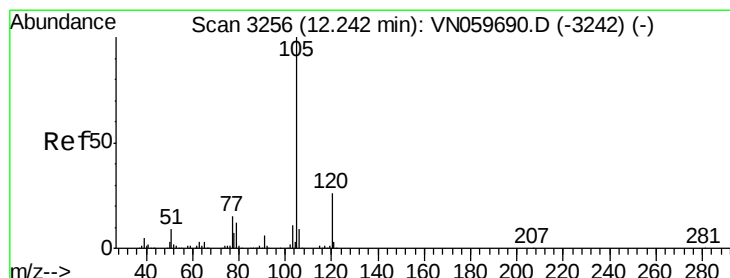
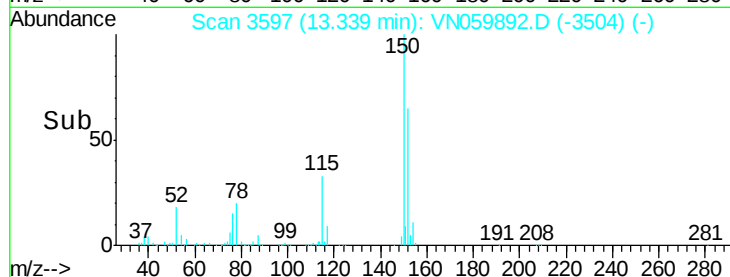
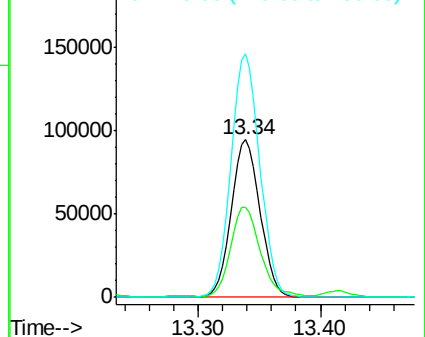
150 155.4 0.0 345.2



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: 1.00 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059892.D

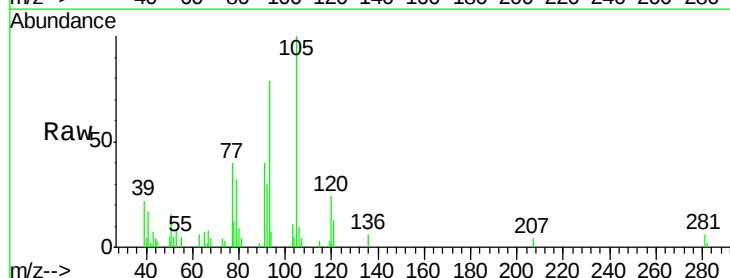
Acq: 28 Jan 2020 13:09

Tgt Ion:105 Resp: 11418

Ion Ratio Lower Upper

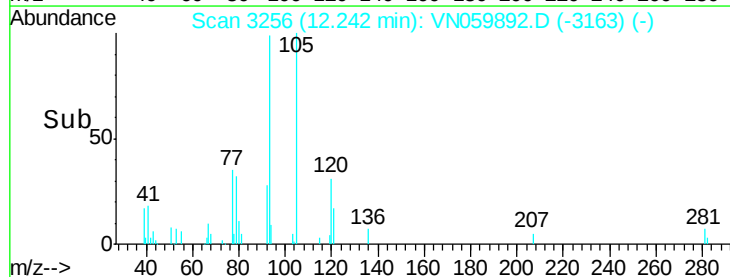
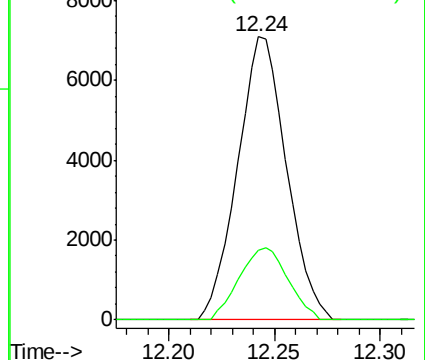
105 100

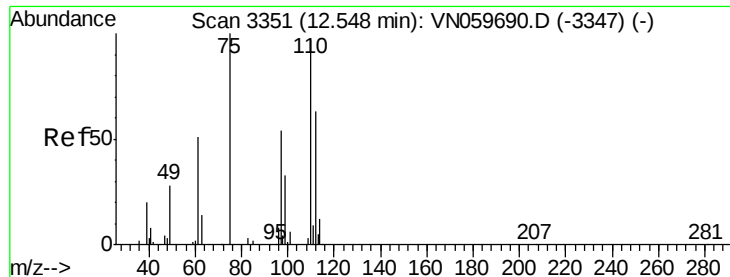
120 25.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 27.23 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

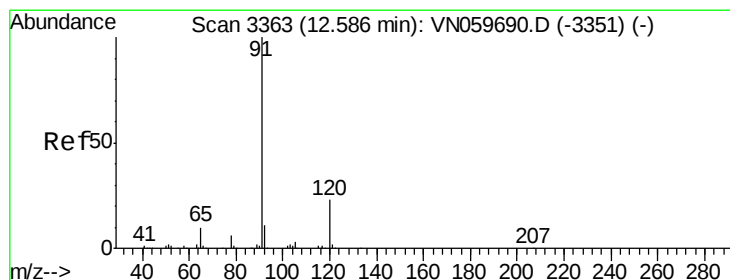
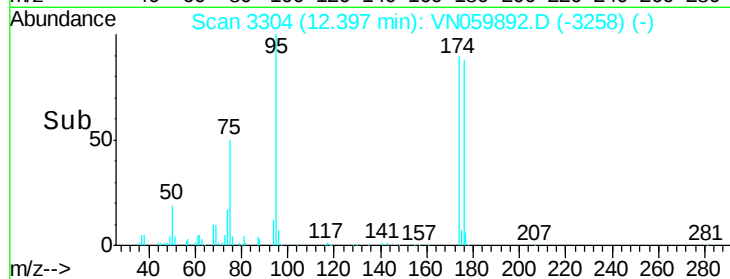
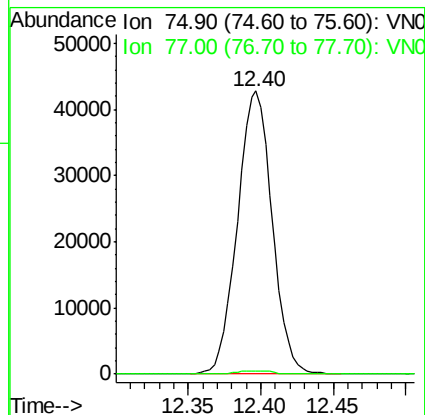
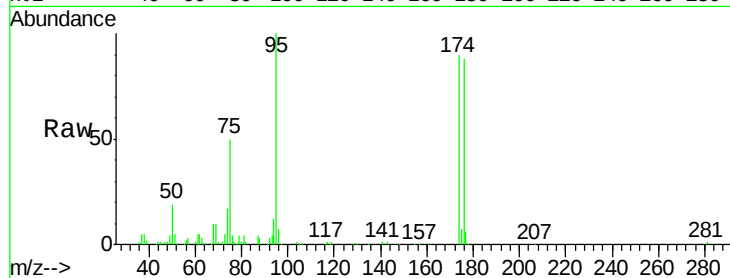
CLIFTON-POLES

Tgt Ion: 75 Resp: 71138

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#78

n-propylbenzene

Concen: 0.48 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059892.D

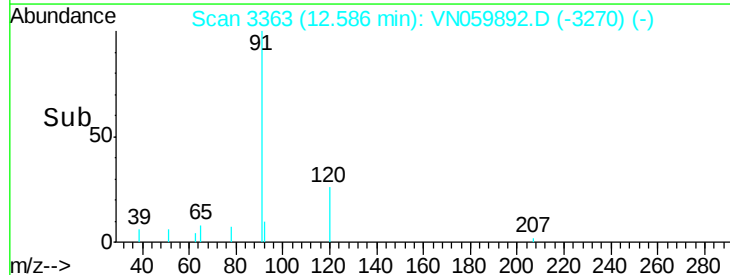
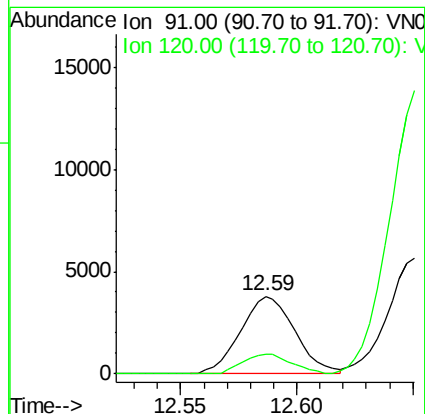
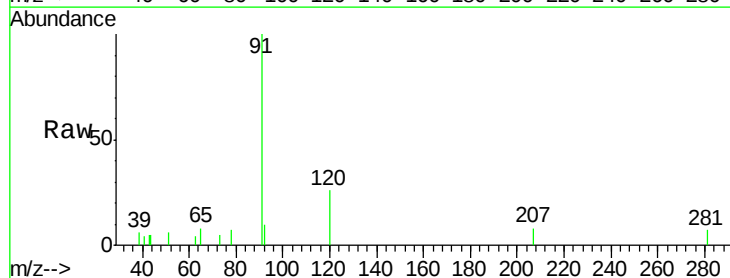
Acq: 28 Jan 2020 13:09

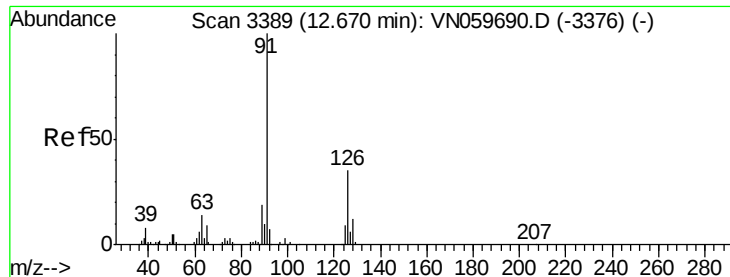
Tgt Ion: 91 Resp: 6162

Ion Ratio Lower Upper

91 100

120 0.0 11.1 33.3#





#79

2-Chlorotoluene

Concen: 1.13 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.02 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

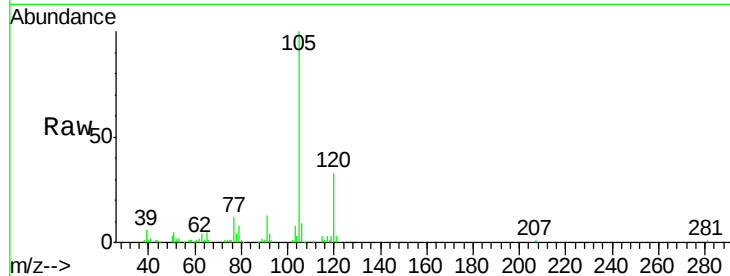
CLIFTON-POLES

Tgt Ion: 91 Resp: 8573

Ion Ratio Lower Upper

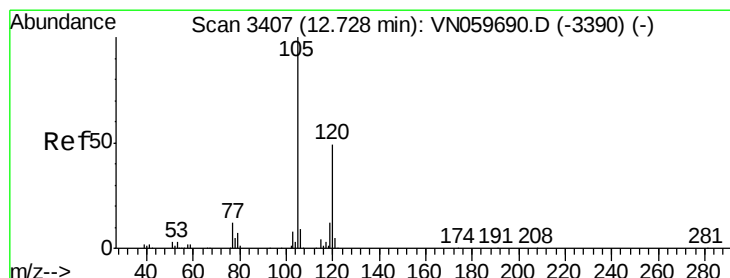
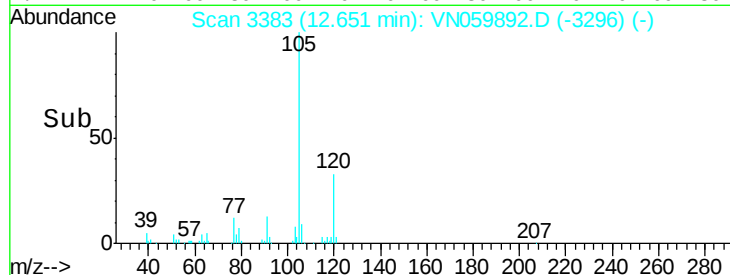
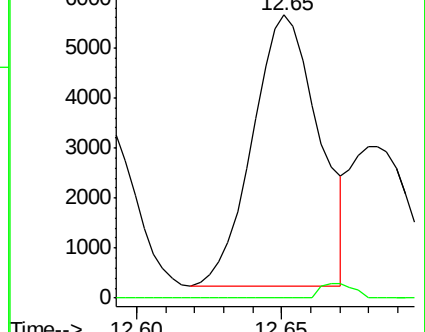
91 100

126 2.6 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059690.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 11.20 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059892.D

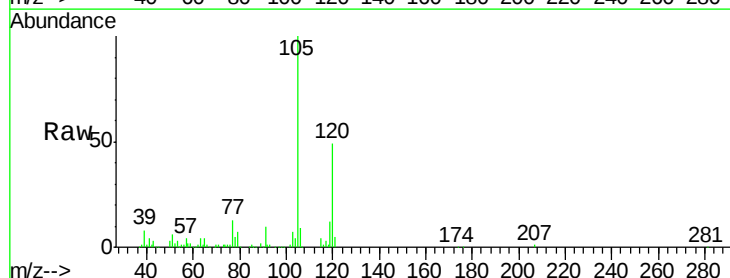
Acq: 28 Jan 2020 13:09

Tgt Ion: 105 Resp: 107207

Ion Ratio Lower Upper

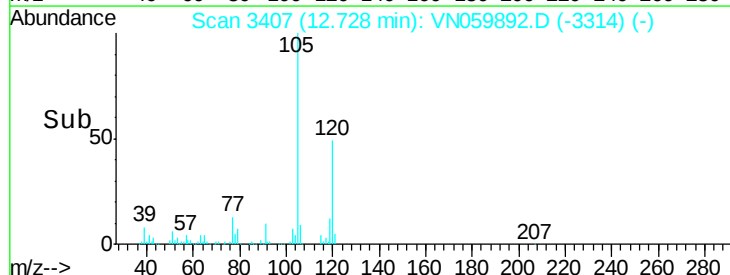
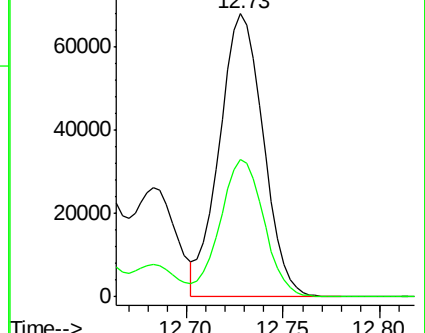
105 100

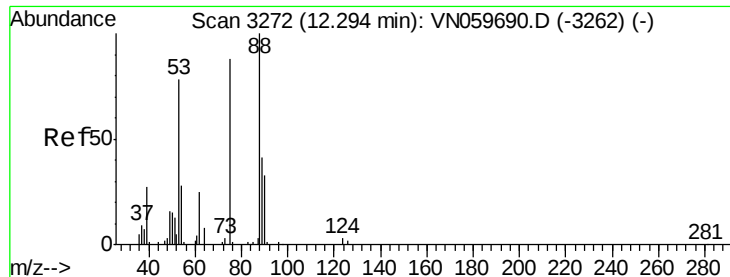
120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059690.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059690.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 58.47 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

CLIFTON-POLES

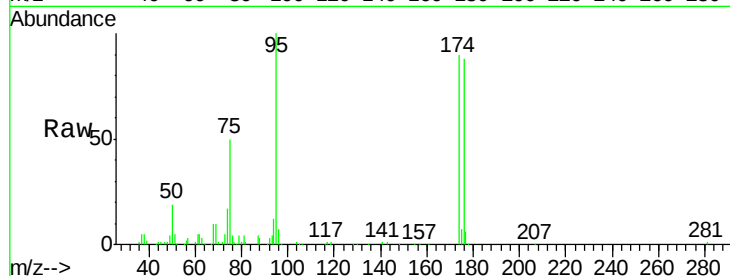
Tgt Ion: 75 Resp: 71138

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

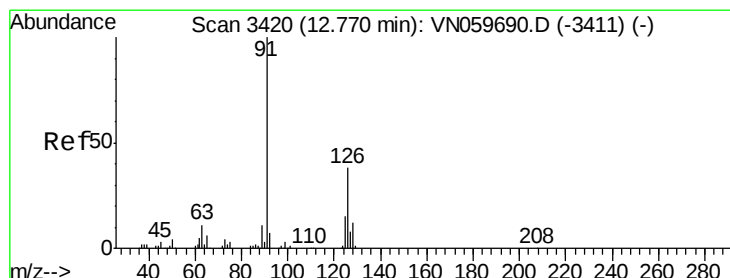
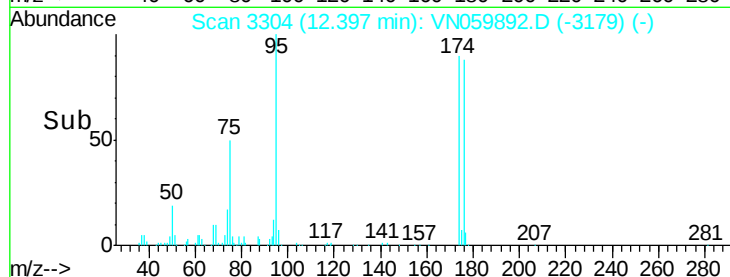
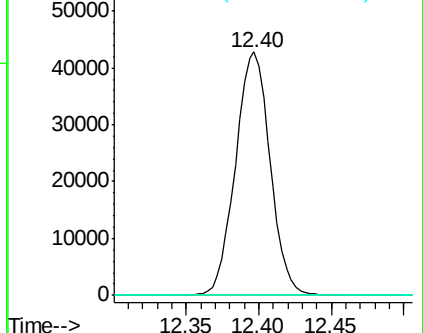
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN059892.D (-3304) (-)

Ion 53.00 (52.70 to 53.70): VN059892.D (-3304) (-)

Ion 88.90 (88.60 to 89.60): VN059892.D (-3304) (-)



#82

4-Chlorotoluene

Concen: 1.29 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.04 min

Lab File: VN059892.D

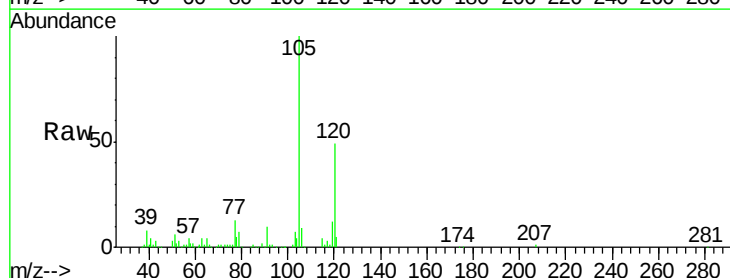
Acq: 28 Jan 2020 13:09

Tgt Ion: 91 Resp: 9843

Ion Ratio Lower Upper

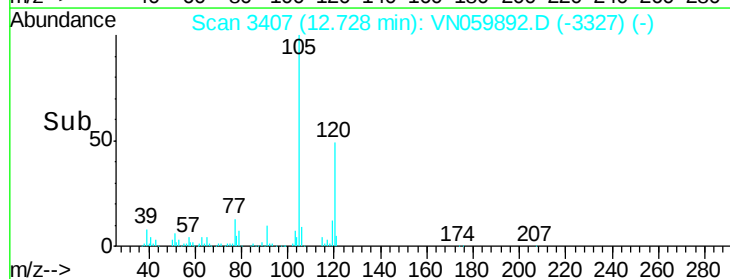
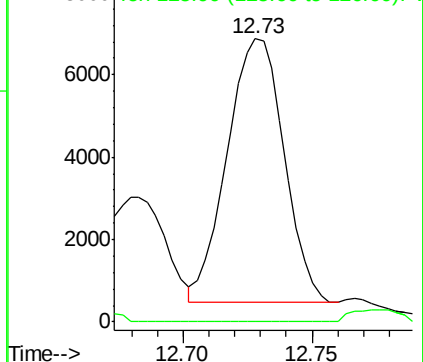
91 100

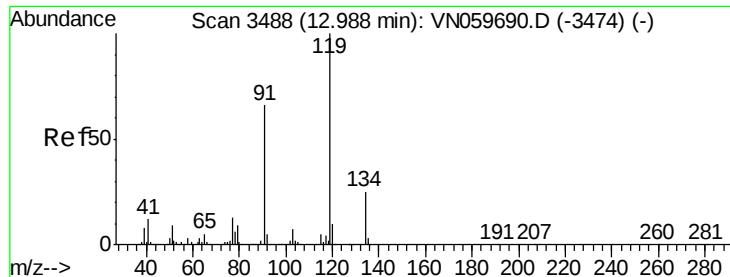
126 0.0 16.3 48.8#



Abundance Ion 91.00 (90.70 to 91.70): VN059892.D (-3407) (-)

Ion 125.90 (125.60 to 126.60): VN059892.D (-3407) (-)

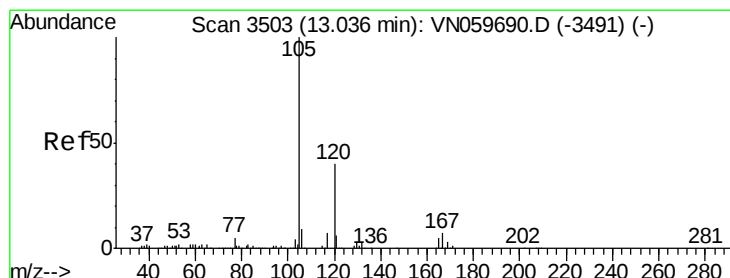
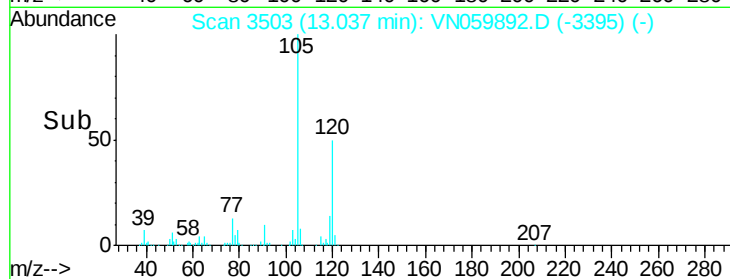
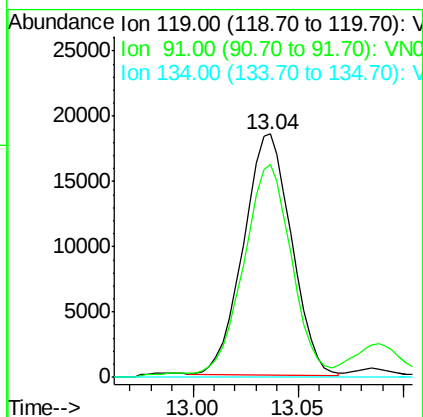
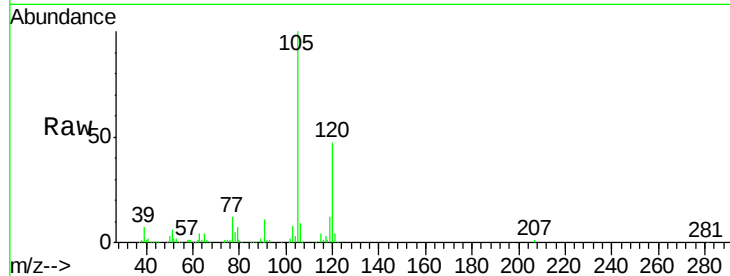




#83
 tert-Butylbenzene
 Concen: 3.53 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.05 min
 Lab File: VN059892.D
 Acq: 28 Jan 2020 13:09

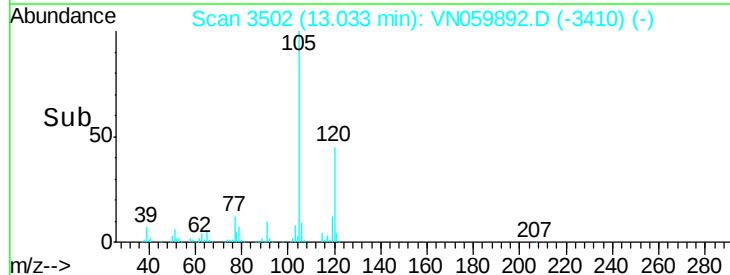
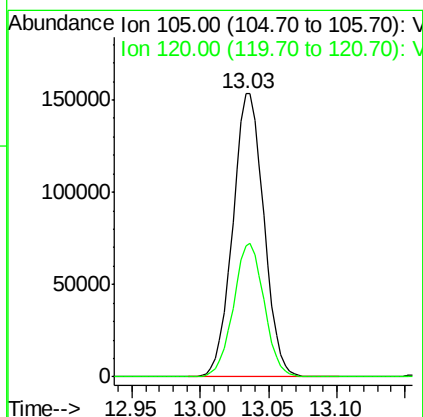
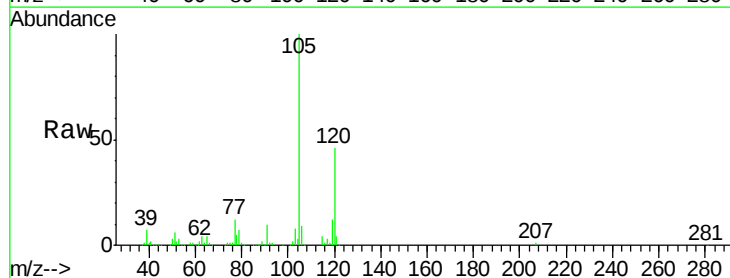
Instrument :
 MSVOA_N
 ClientSampleId :
 CLIFTON-POLES

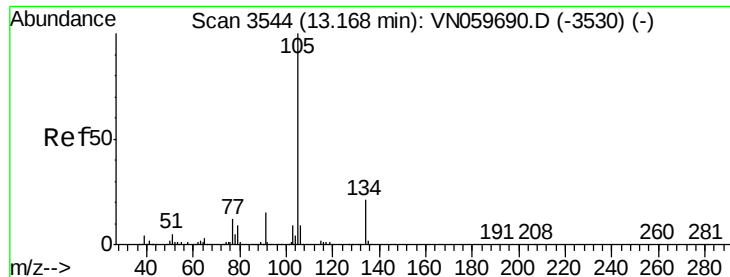
Tgt Ion:119 Resp: 29215
 Ion Ratio Lower Upper
 119 100
 91 90.0 34.8 104.4
 134 0.0 12.3 36.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 25.62 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN059892.D
 Acq: 28 Jan 2020 13:09

Tgt Ion:105 Resp: 242719
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 22.31 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.13 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

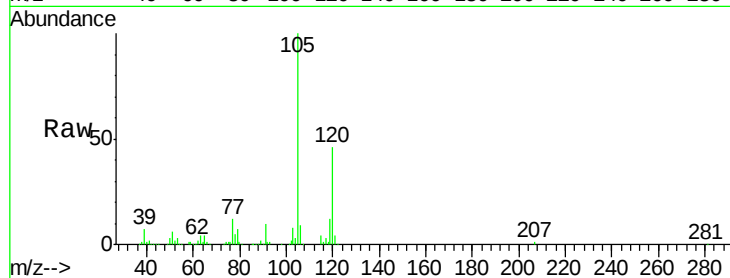
CLIFTON-POLES

Tgt Ion:105 Resp: 242719

Ion Ratio Lower Upper

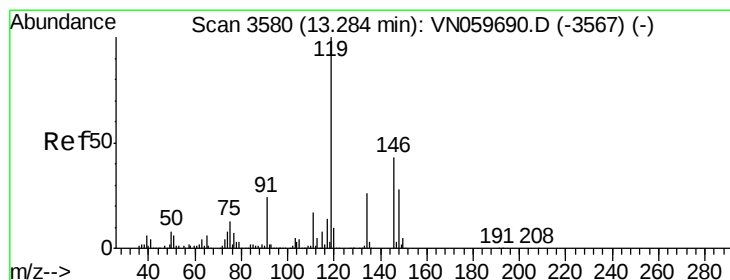
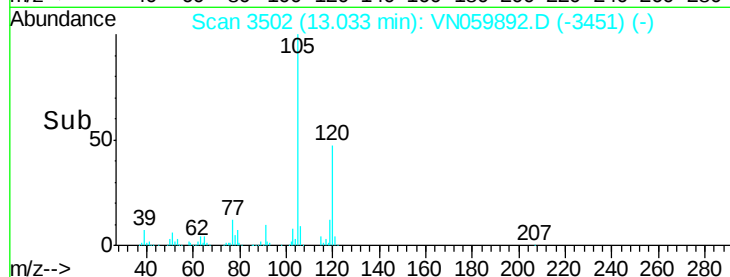
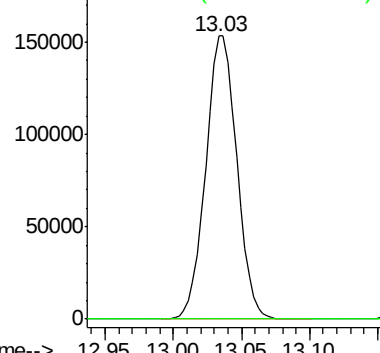
105 100

134 0.0 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.44 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

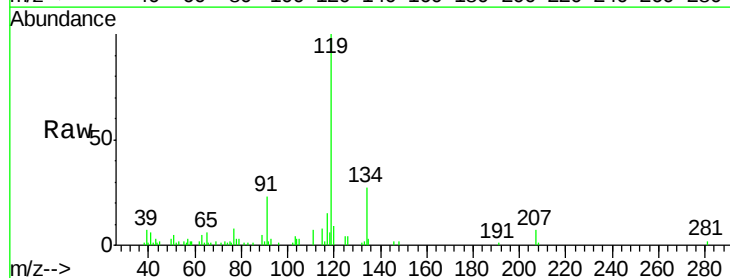
Tgt Ion:119 Resp: 24574

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

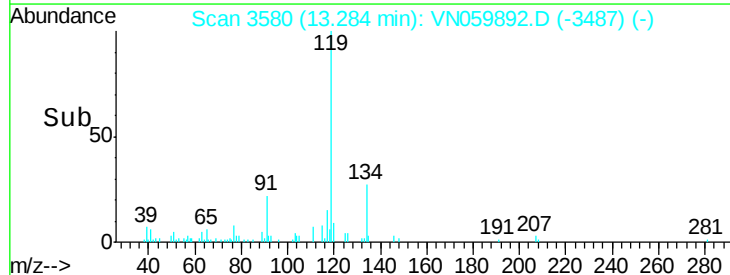
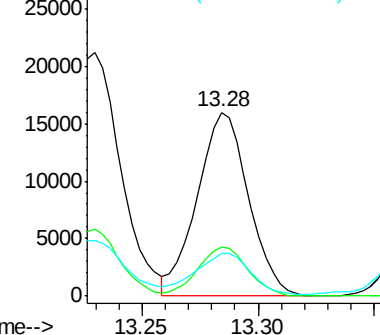
91 23.1 12.4 37.4

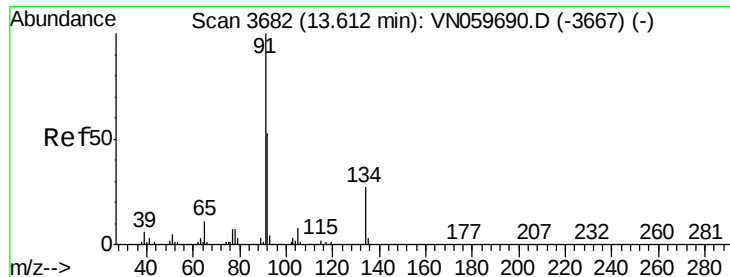


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 20.15 ug/l

RT: 13.54 min Scan# 3659

Delta R.T. -0.07 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

CLIFTON-POLES

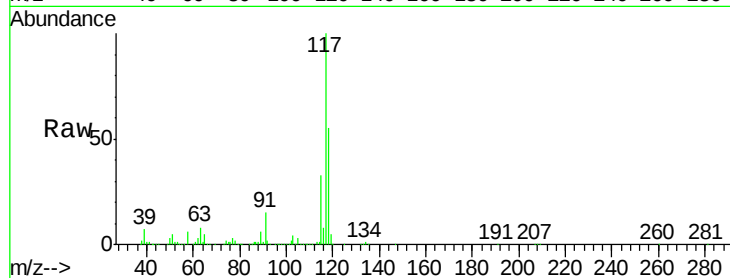
Tgt Ion: 91 Resp: 172976

Ion Ratio Lower Upper

91 100

92 10.5 25.9 77.7#

134 3.4 12.3 36.8#



Abundance Ion 91.00 (90.70 to 91.70): VN059892.D (-3659) (-)

Ion 92.00 (91.70 to 92.70): VN059892.D (-3659) (-)

Ion 134.00 (133.70 to 134.70): VN059892.D (-3659) (-)

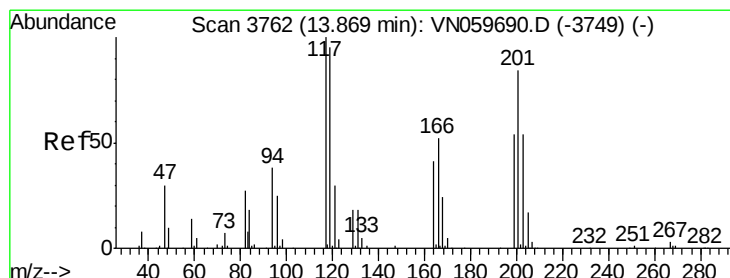
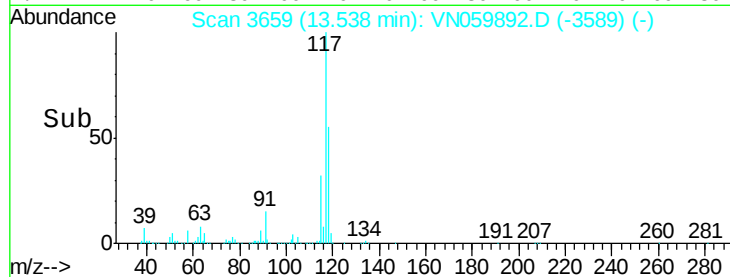
100000

50000

0

13.45 13.50 13.55

Time-->



#90

Hexachloroethane

Concen: 7.24 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.02 min

Lab File: VN059892.D

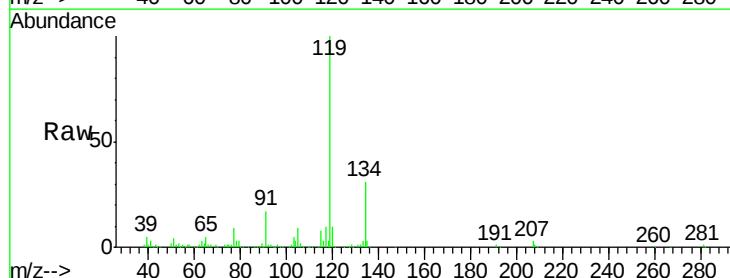
Acq: 28 Jan 2020 13:09

Tgt Ion: 117 Resp: 13642

Ion Ratio Lower Upper

117 100

201 0.0 37.8 113.4#



Abundance Ion 116.80 (116.50 to 117.50): VN059892.D (-3767) (-)

Ion 200.70 (200.40 to 201.40): VN059892.D (-3767) (-)

12000

10000

8000

6000

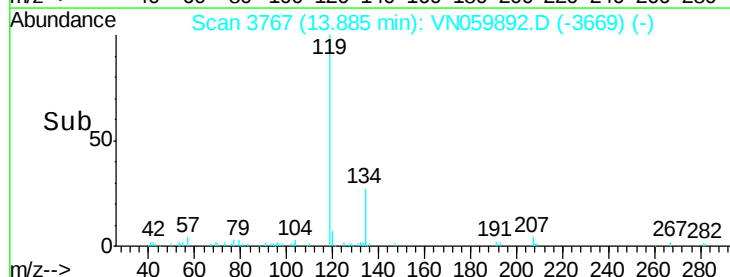
4000

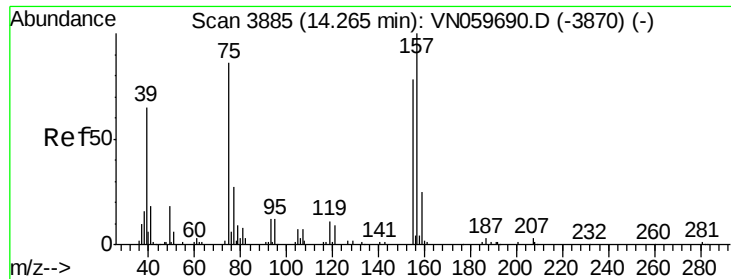
2000

0

13.85 13.90

Time-->

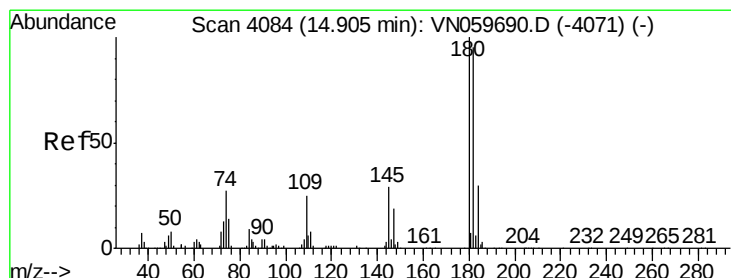
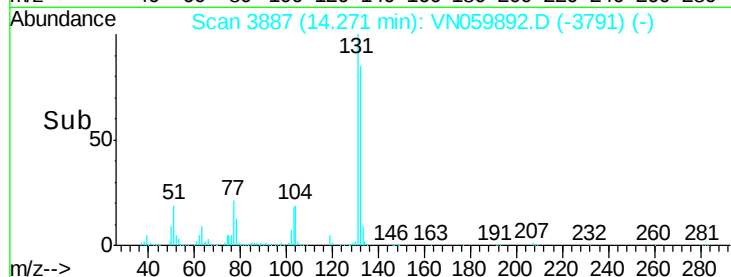
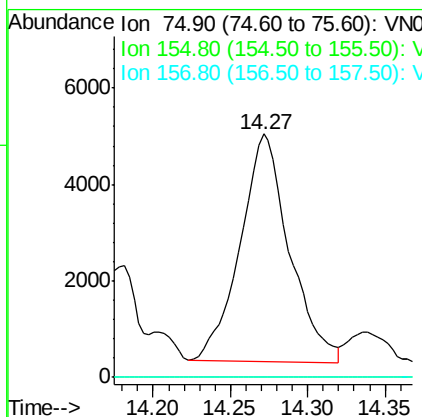
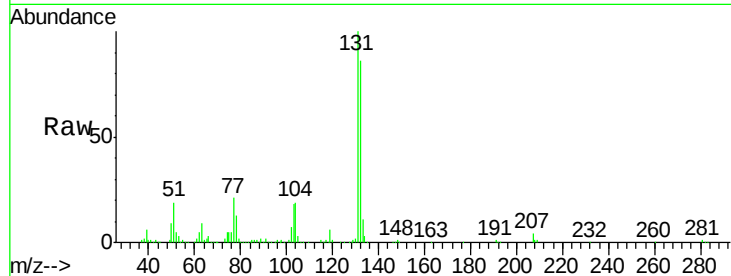




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.27 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.01 min
 Lab File: VN059892.D
 Acq: 28 Jan 2020 13:09

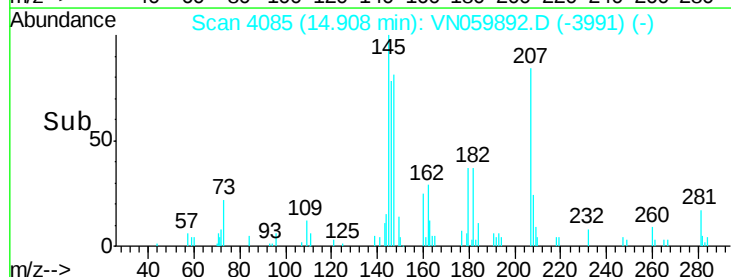
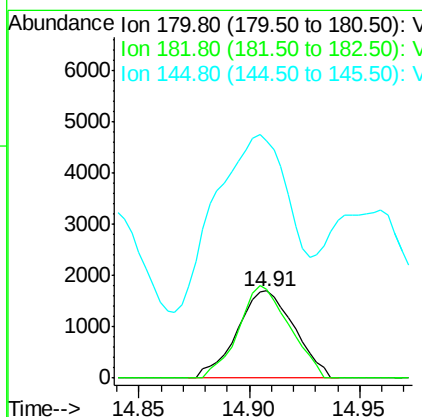
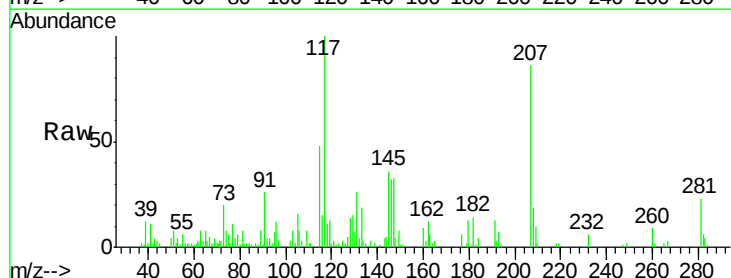
Instrument :
 MSVOA_N
 ClientSampleId :
 CLIFTON-POLES

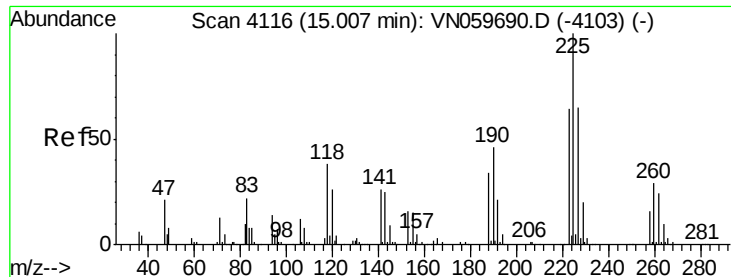
Tgt Ion: 75 Resp: 10486
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.0 110.9#
 157 0.0 48.4 145.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.03 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059892.D
 Acq: 28 Jan 2020 13:09

Tgt Ion: 180 Resp: 3050
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.9 140.7
 145 338.5 15.0 45.1#





#94

Hexachlorobutadiene

Concen: 0.41 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

CLIFTON-POLES

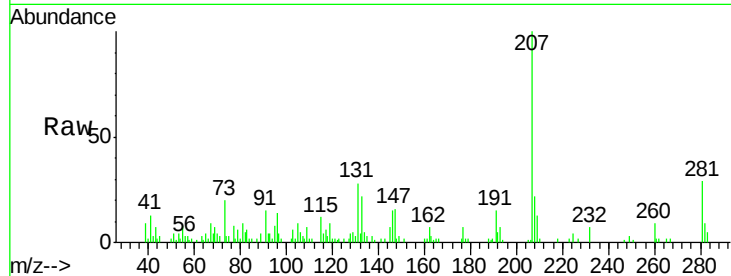
Tgt Ion:225 Resp: 675

Ion Ratio Lower Upper

225 100

223 70.5 31.8 95.3

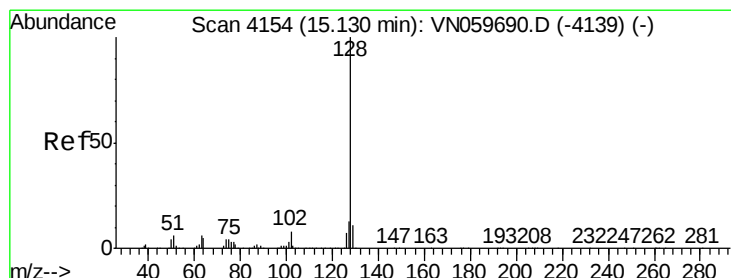
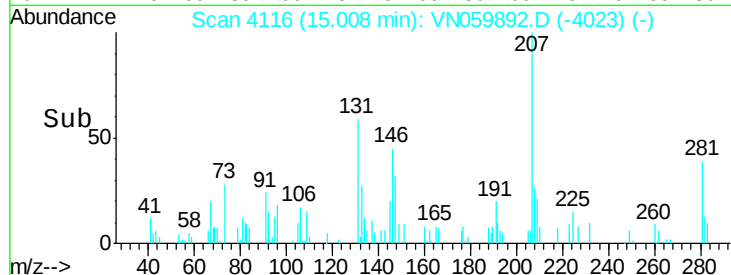
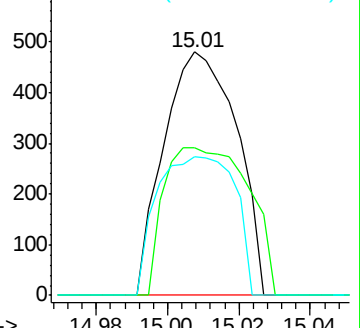
227 61.2 32.1 96.5



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: 1281.45 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059892.D

Acq: 28 Jan 2020 13:09

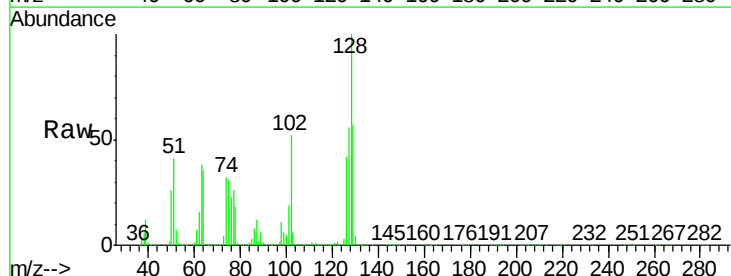
Tgt Ion:128 Resp:10845389

Ion Ratio Lower Upper

128 100

127 40.4 10.4 15.6#

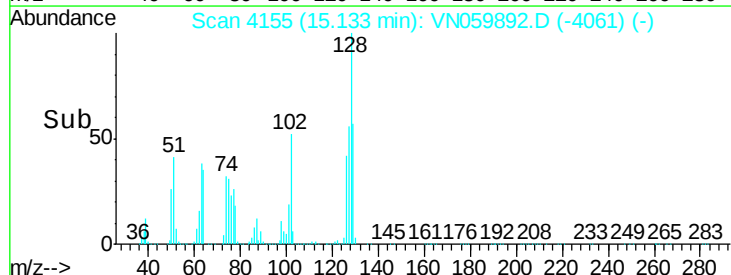
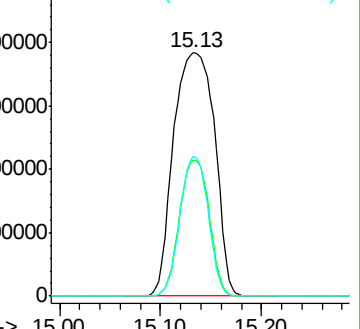
129 39.2 8.6 12.8#

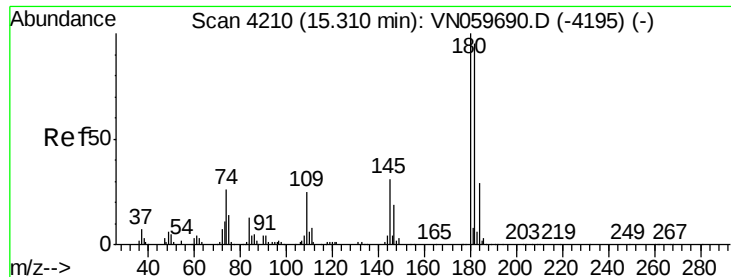


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.50 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN059892.D
 Acq: 28 Jan 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 CLIFTON-POLES

Tgt Ion:180 Resp: 4345
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.4 142.3
 145 0.0 16.3 48.9#

