

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012720\
 Data File : VN059867.D
 Acq On : 27 Jan 2020 13:05
 Operator : JC/MD
 Sample : L1008-15ME
 Misc : 5.86g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-012420ME

Quant Time: Jan 27 14:29:36 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	197391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	295442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	257539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124936	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104322	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
35) Dibromofluoromethane	7.56	113	88154	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.08	98	346089	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	119643	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.72	59	1186	3.21	ug/l	# 72
16) Acetone	3.79	43	5648	Below	Cal	# 80
17) Carbon Disulfide	4.01	76	1095	0.21	ug/l	# 75
18) Methyl Acetate	4.30	43	3394	1.33	ug/l	# 79
25) 2-Butanone	6.82	43	4021	3.24	ug/l	# 80
31) Cyclohexane	7.63	56	6445	1.99	ug/l	# 36
36) 1,1-Dichloropropene	7.63	75	13239	5.15	ug/l	# 51
37) Ethyl Acetate	6.82	43	4021	1.67	ug/l	# 69
38) Carbon Tetrachloride	7.64	117	18019	6.44	ug/l	# 16
39) Methylcyclohexane	9.06	83	11491	3.62	ug/l	91
40) Benzene	8.01	78	121672	15.86	ug/l	99
42) 1,2-Dichloroethane	8.02	62	1206	0.46	ug/l	# 78
43) Isopropyl Acetate	8.22	43	1194	0.29	ug/l	# 56
48) Methyl methacrylate	9.12	41	606	0.33	ug/l	# 27
51) 4-Methyl-2-Pentanone	9.98	43	918	0.38	ug/l	# 38
52) Toluene	10.14	92	16763	3.46	ug/l	97
53) t-1,3-Dichloropropene	10.23	75	3170	1.05	ug/l	# 43
54) cis-1,3-Dichloropropene	9.58	75	1672	0.53	ug/l	# 30
55) 1,1,2-Trichloroethane	10.52	97	4093	2.13	ug/l	# 18
56) Ethyl methacrylate	10.42	69	1885	0.64	ug/l	# 1
59) 2-Hexanone	10.71	43	10602	6.00	ug/l	# 29
67) Ethyl Benzene	11.50	91	32294	3.51	ug/l	99
68) m/p-Xylenes	11.62	106	11444	3.30	ug/l	98
69) o-Xylene	11.94	106	3607	1.06	ug/l	85
71) Bromoform	12.40	173	584	0.37	ug/l	# 1
73) Isopropylbenzene	12.25	105	13625	1.49	ug/l	97
74) N-amyl acetate	12.04	43	25805	7.26	ug/l	# 62
75) 1,1,2,2-Tetrachloroethane	12.55	83	9081	3.42	ug/l	# 35
76) 1,2,3-Trichloropropane	12.40	75	59759	28.42	ug/l	# 100
78) n-propylbenzene	12.59	91	31977	3.11	ug/l	93
79) 2-Chlorotoluene	12.59	91	31977	5.23	ug/l	# 42
80) 1,3,5-Trimethylbenzene	12.73	105	3422	0.44	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	59759	61.04	ug/l	# 11
82) 4-Chlorotoluene	12.59	91	31977	5.21	ug/l	# 42

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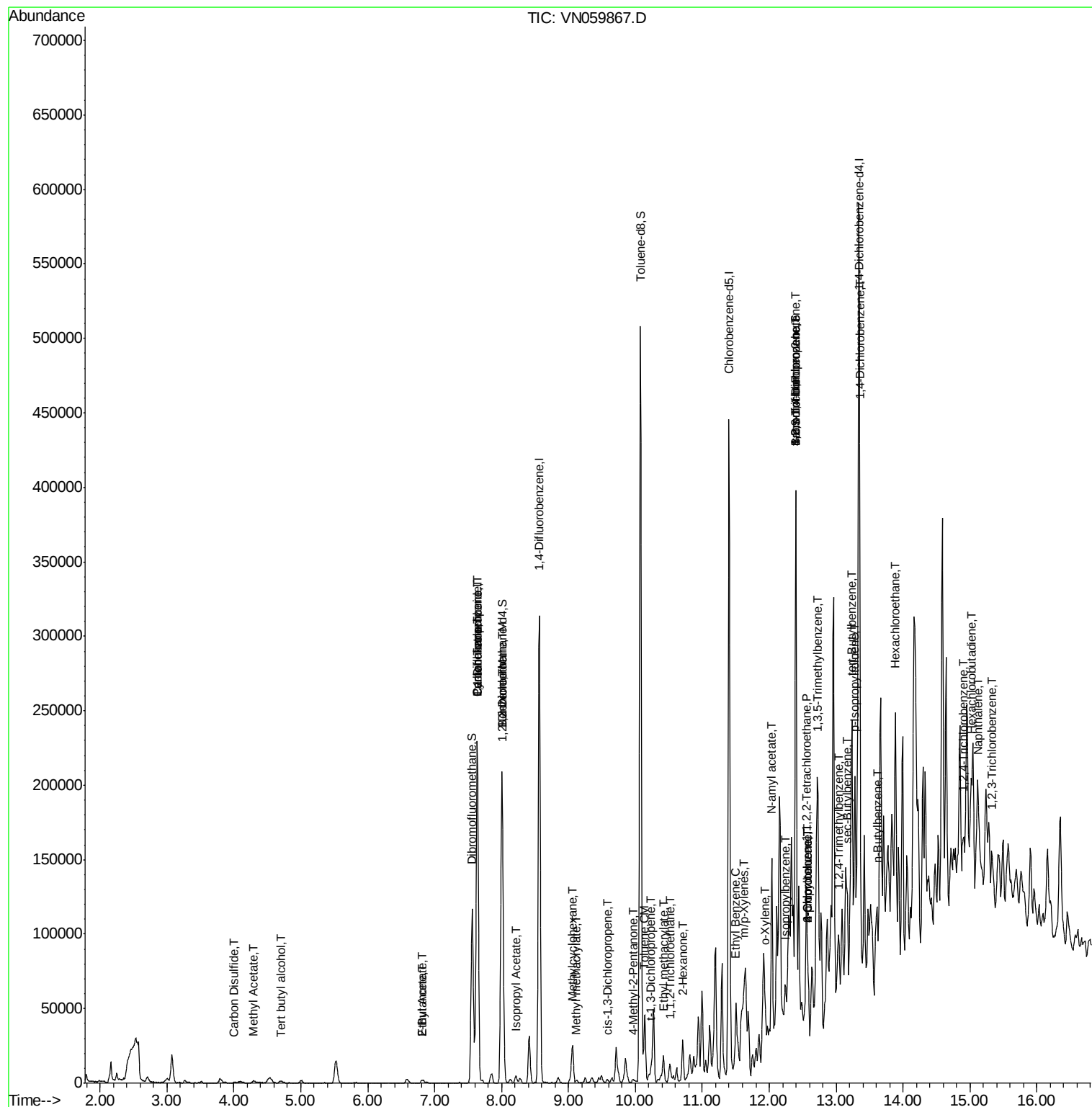
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.23	119	2355	0.35	ug/l	78
84) 1,2,4-Trimethylbenzene	13.04	105	10287	1.35	ug/l	99
85) sec-Butylbenzene	13.17	105	21766	2.49	ug/l #	77
86) p-Isopropyltoluene	13.29	119	8302	1.02	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	869	0.22	ug/l #	1
89) n-Butylbenzene	13.61	91	25671	3.72	ug/l	96
90) Hexachloroethane	13.89	117	6799	4.49	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48	Below Cal	#	6
93) 1,2,4-Trichlorobenzene	14.91	180	2057	0.86	ug/l #	1
94) Hexachlorobutadiene	15.01	225	354	0.27	ug/l #	42
95) Naphthalene	15.13	128	36912	5.42	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.31	180	3051	1.31	ug/l #	76

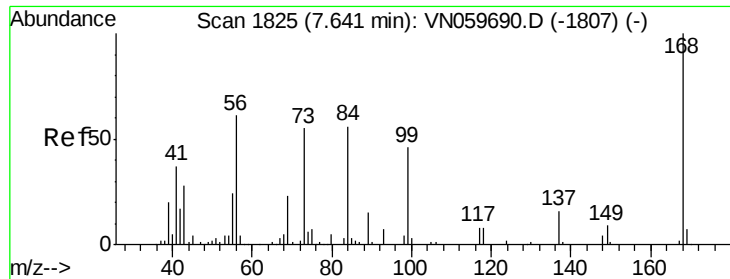
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

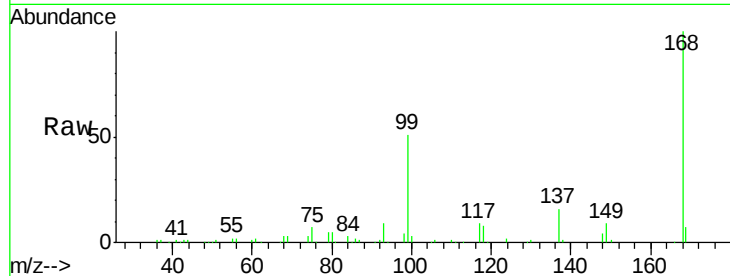
CL-02-012420ME

Tgt Ion:168 Resp: 197391

Ion Ratio Lower Upper

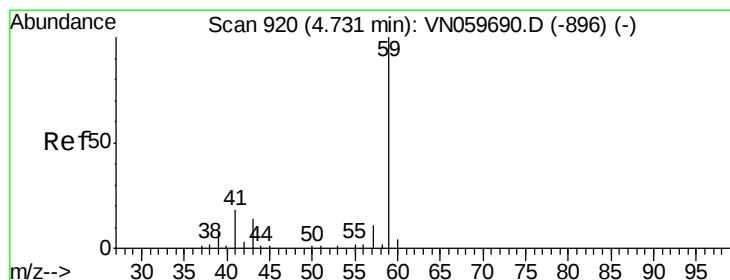
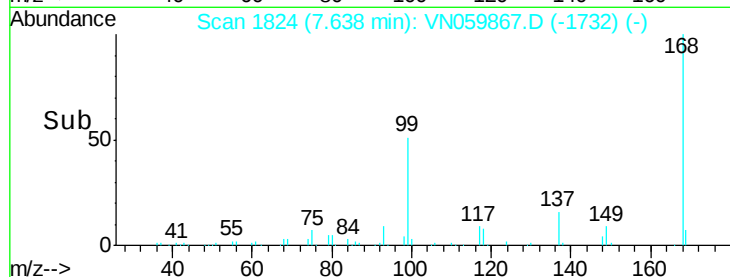
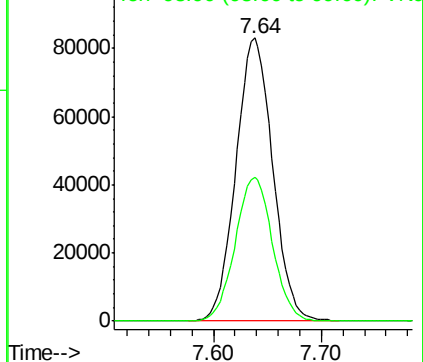
168 100

99 50.7 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: 3.21 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.02 min

Lab File: VN059867.D

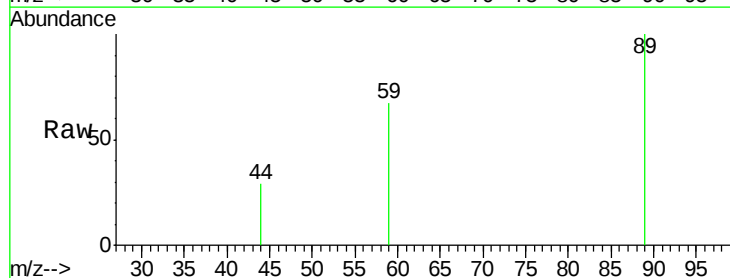
Acq: 27 Jan 2020 13:05

Tgt Ion: 59 Resp: 1186

Ion Ratio Lower Upper

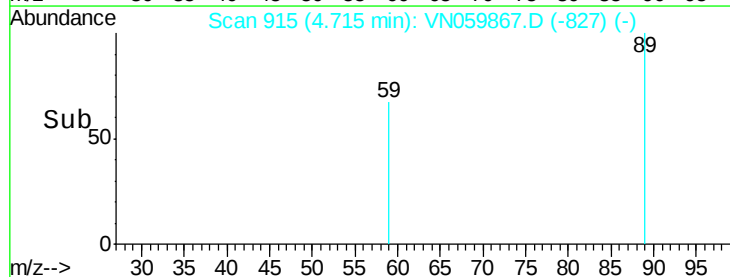
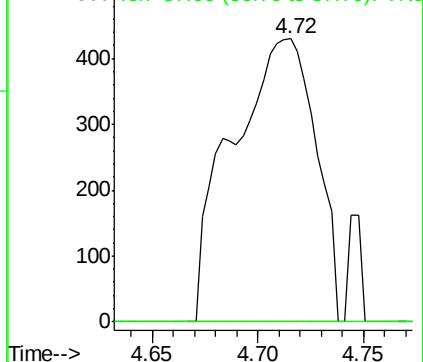
59 100

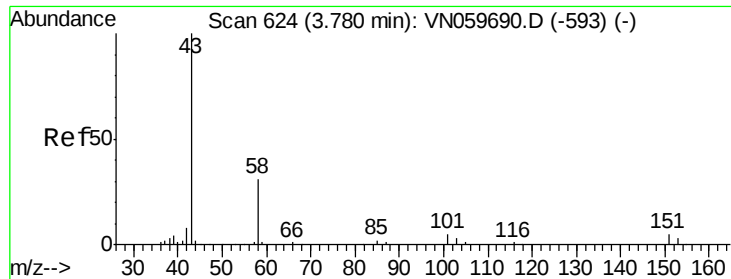
57 0.0 8.6 12.8#



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# 628

Delta R.T. 0.01 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

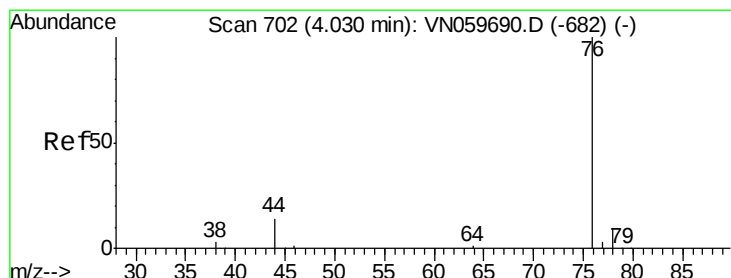
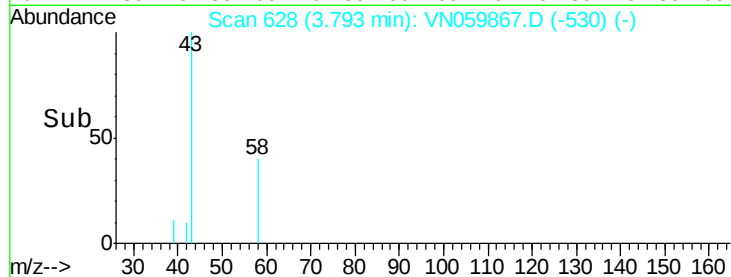
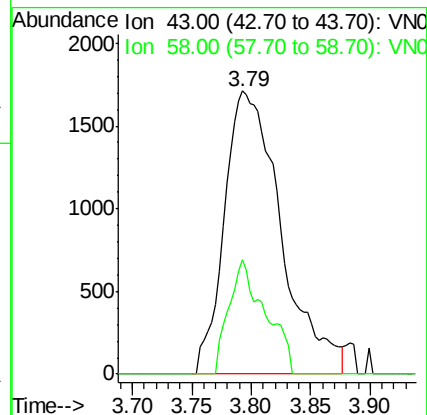
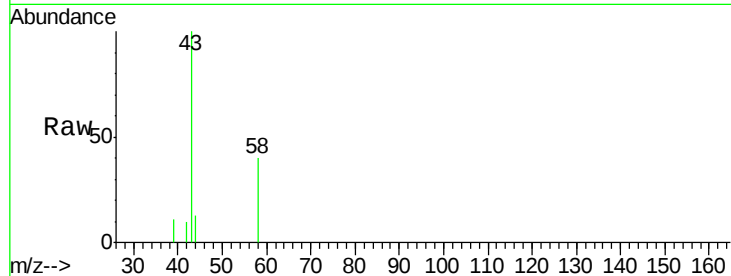
CL-02-012420ME

Tgt Ion: 43 Resp: 5648

Ion Ratio Lower Upper

43 100

58 40.2 23.6 35.4#



#17

Carbon Disulfide

Concen: 0.21 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.02 min

Lab File: VN059867.D

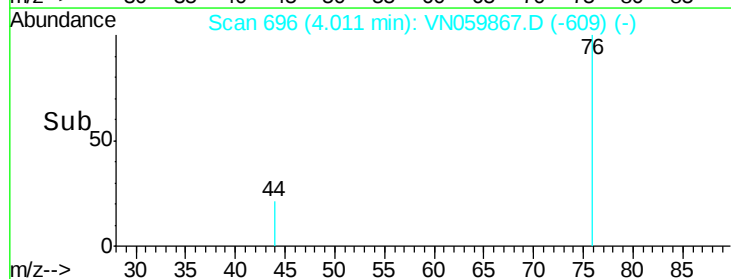
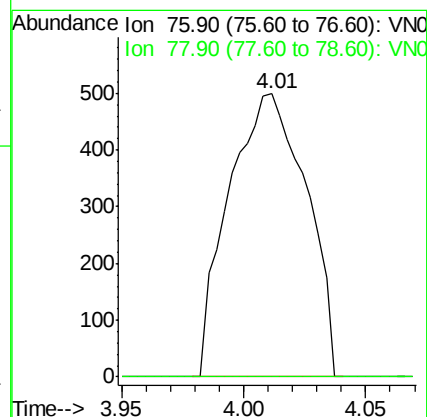
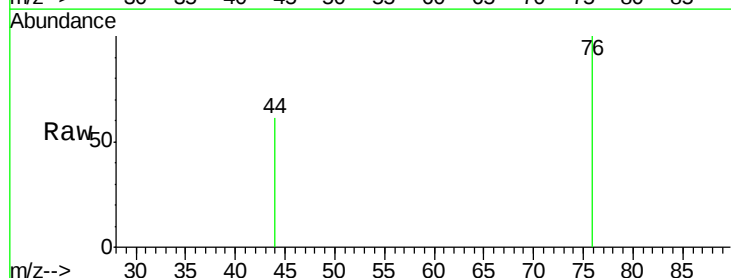
Acq: 27 Jan 2020 13:05

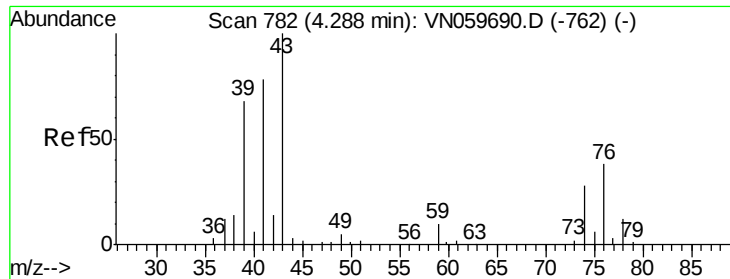
Tgt Ion: 76 Resp: 1095

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

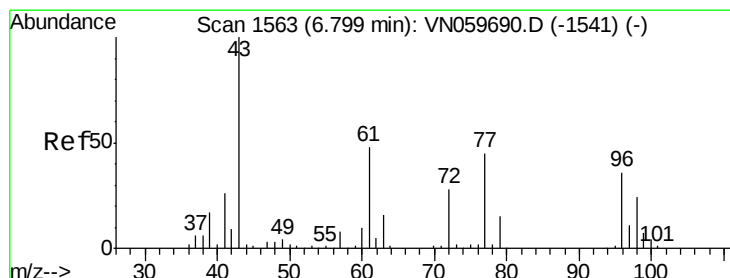
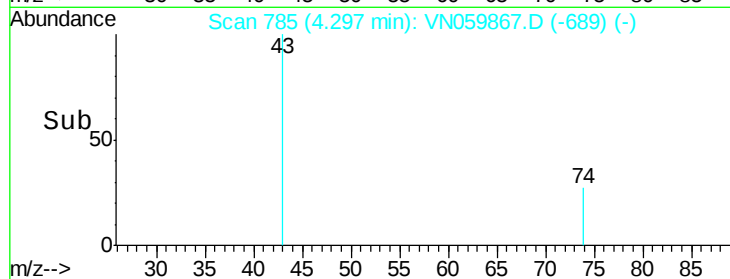
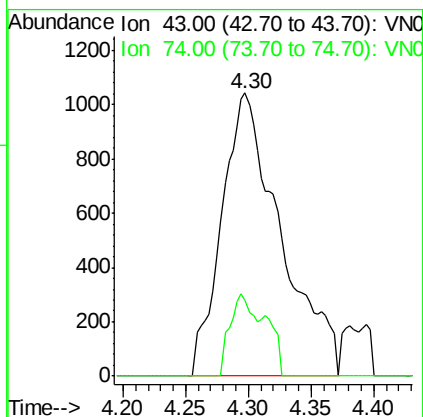
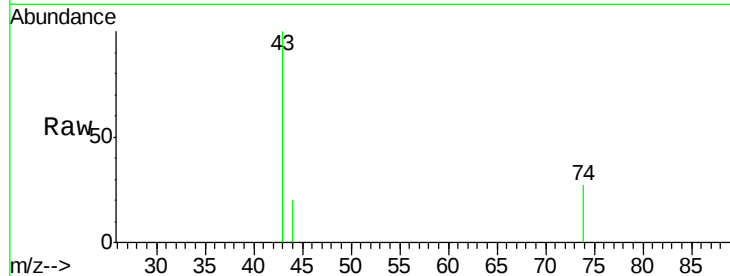




#18
Methyl Acetate
Concen: 1.33 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

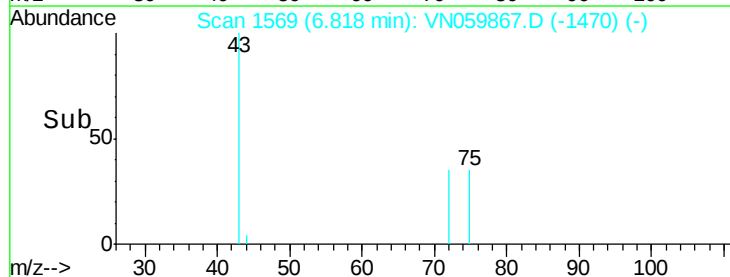
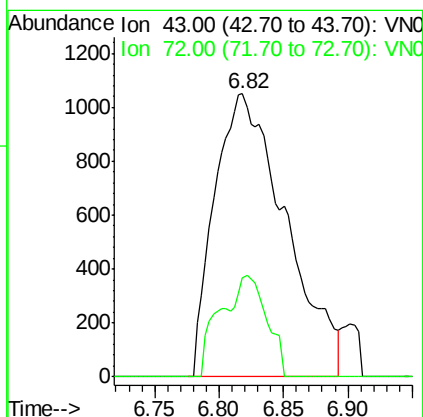
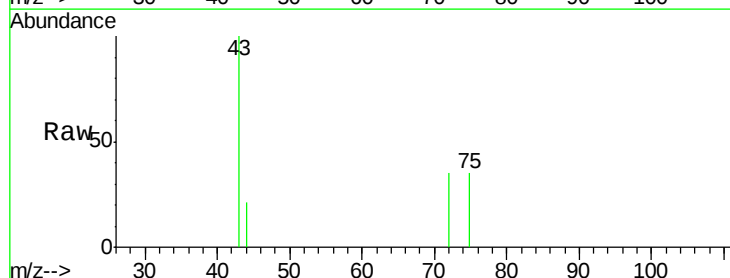
Instrument :
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CL-02-012420ME

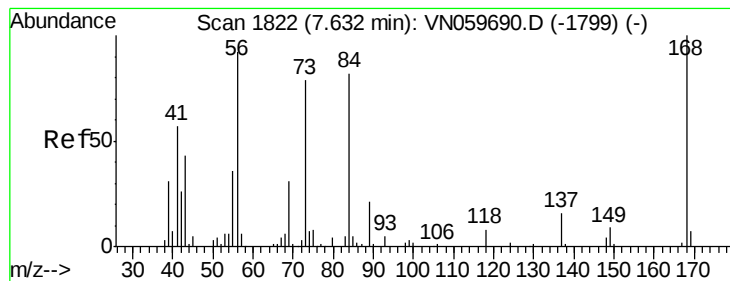
Tgt Ion: 43 Resp: 3394
Ion Ratio Lower Upper
43 100
74 11.7 17.5 26.3#



#25
2-Butanone
Concen: 3.24 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.02 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

Tgt Ion: 43 Resp: 4021
Ion Ratio Lower Upper
43 100
72 35.1 19.9 29.9#





#31

Cyclohexane

Concen: 1.99 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420ME

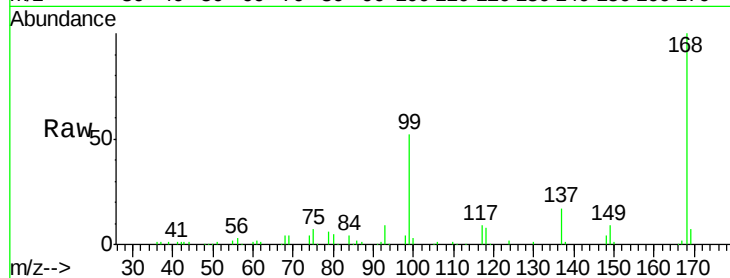
Tgt Ion: 56 Resp: 6445

Ion Ratio Lower Upper

56 100

69 110.2 26.5 39.7#

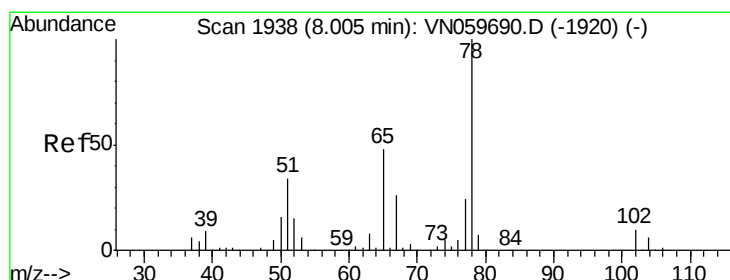
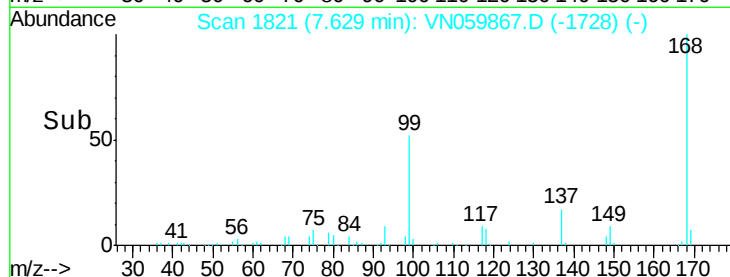
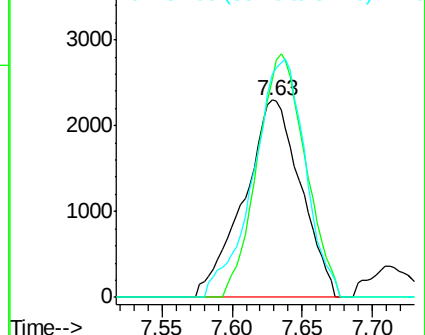
84 112.9 65.3 97.9#



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: 47.59 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VN059867.D

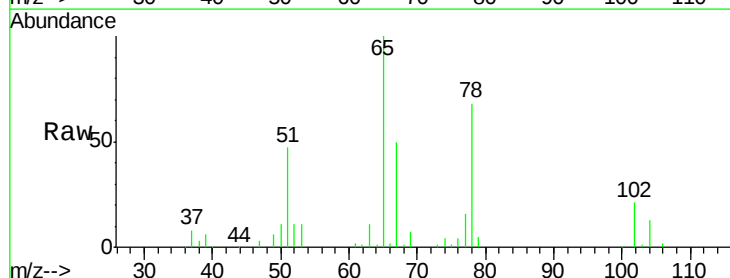
Acq: 27 Jan 2020 13:05

Tgt Ion: 65 Resp: 104322

Ion Ratio Lower Upper

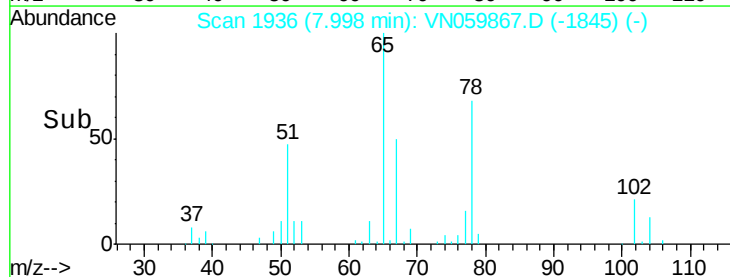
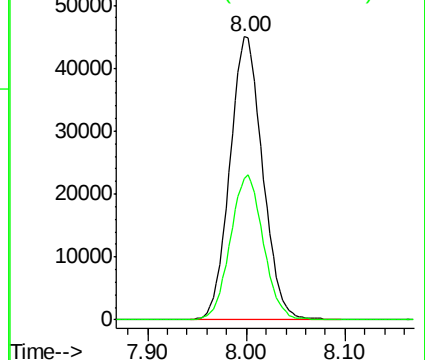
65 100

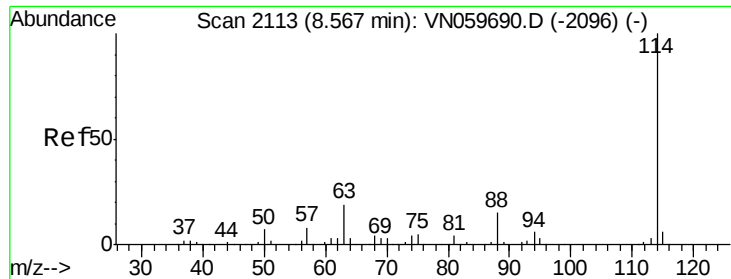
67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

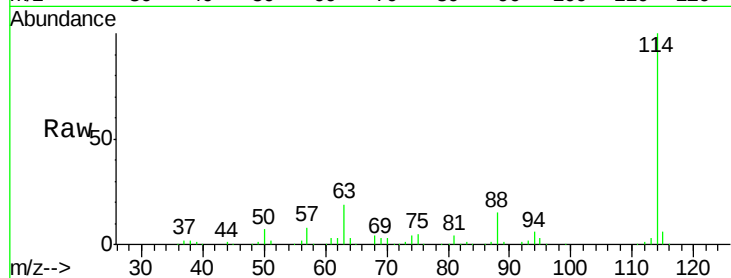




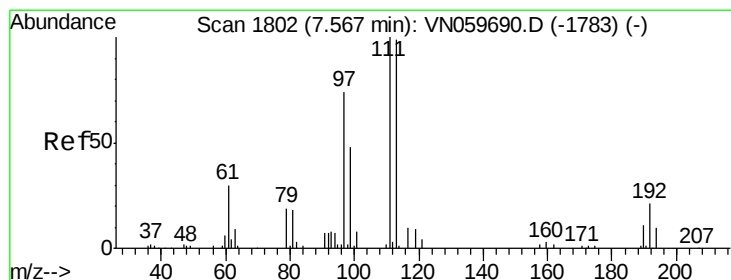
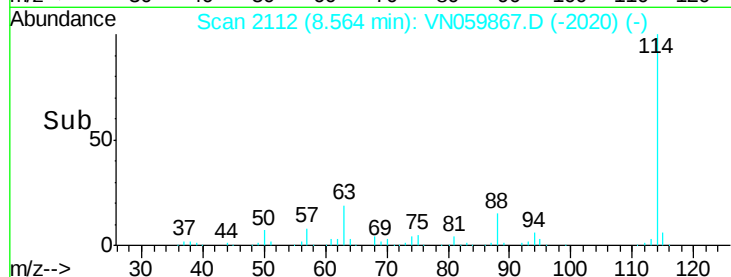
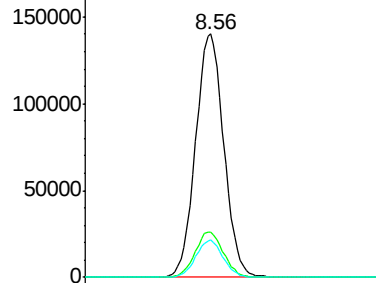
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

Instrument :
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CL-02-012420ME

Tgt Ion:114 Resp: 295442
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.6
88 15.3 0.0 31.4

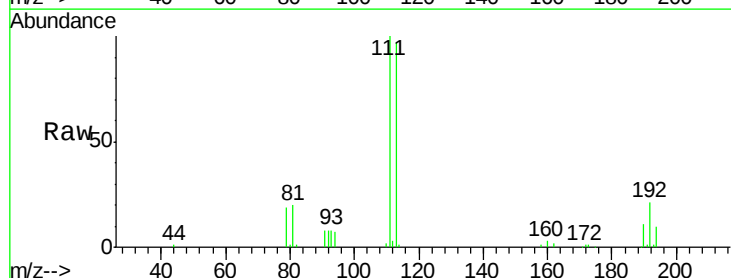


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

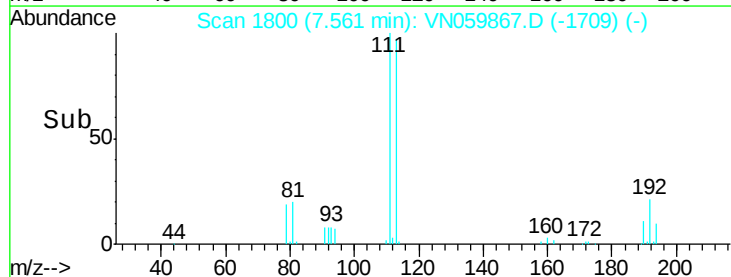
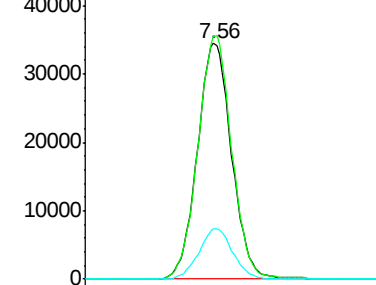


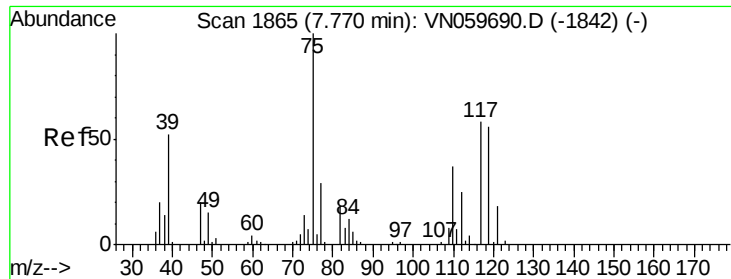
#35
Dibromofluoromethane
Concen: 50.03 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. -0.01 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

Tgt Ion:113 Resp: 88154
Ion Ratio Lower Upper
113 100
111 101.9 83.5 125.3
192 20.9 15.4 23.2



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

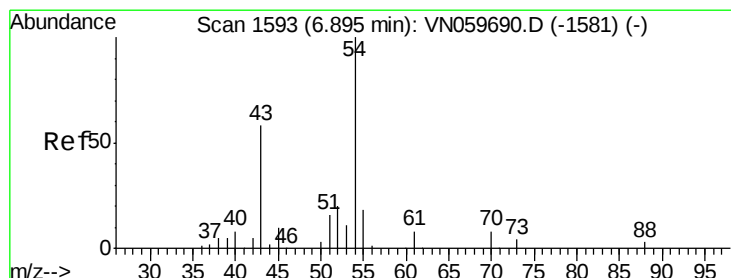
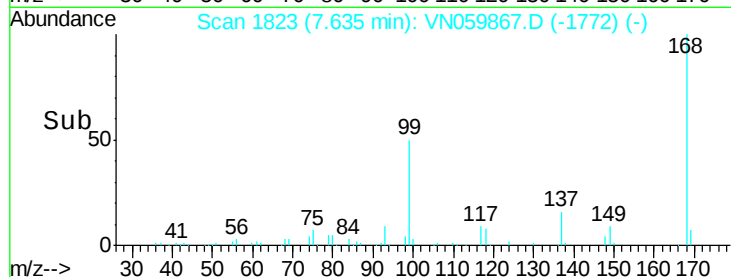
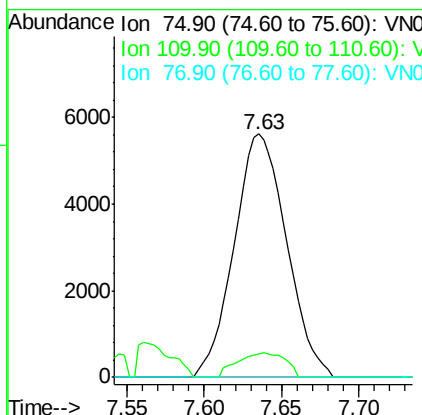
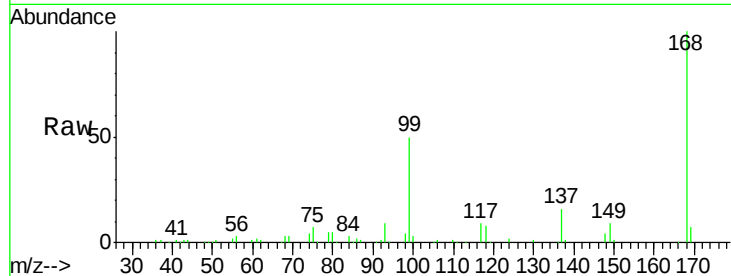




#36
 1,1-Dichloropropene
 Concen: 5.15 ug/l
 RT: 7.63 min Scan# 1823
 Delta R.T. -0.13 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

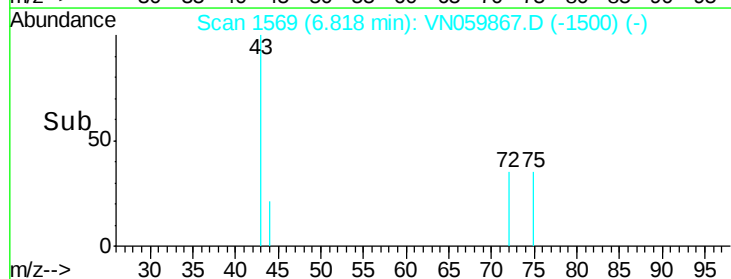
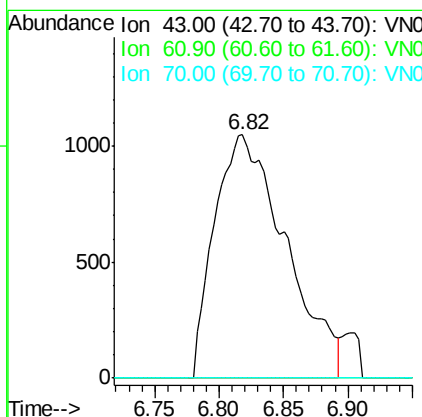
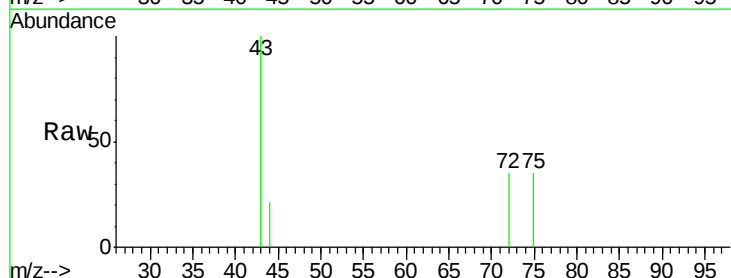
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-012420ME

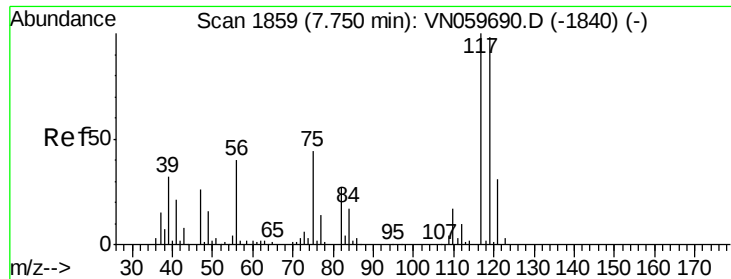
Tgt Ion: 75 Resp: 13239
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.6 49.7#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 1.67 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.08 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

Tgt Ion: 43 Resp: 4021
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.9 16.3#
 70 0.0 7.7 11.5#





#38

Carbon Tetrachloride

Concen: 6.44 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.11 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420ME

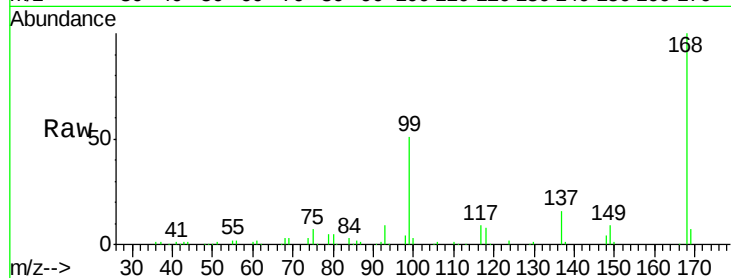
Tgt Ion:117 Resp: 18019

Ion Ratio Lower Upper

117 100

119 4.5 76.5 114.7#

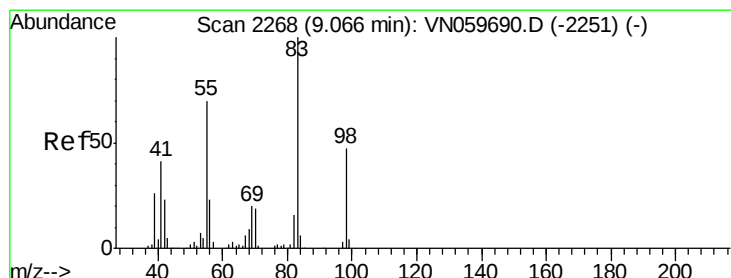
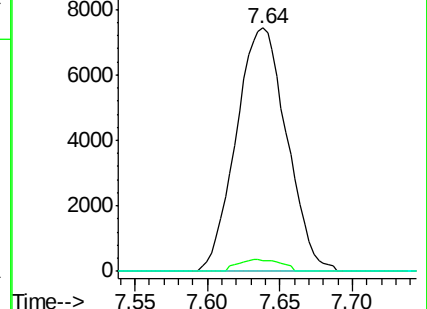
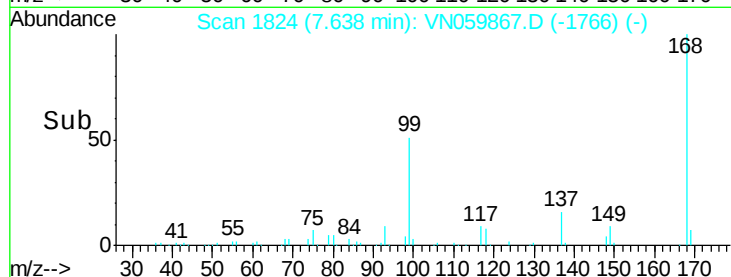
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 3.62 ug/l

RT: 9.06 min Scan# 2266

Delta R.T. -0.01 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

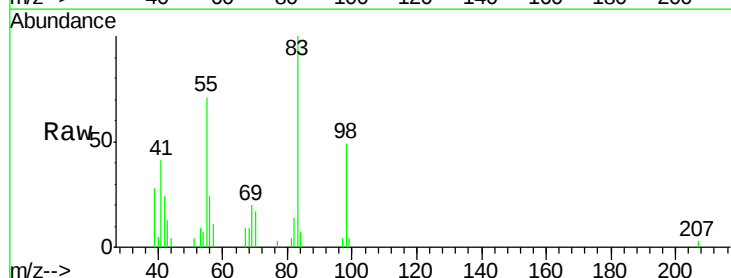
Tgt Ion: 83 Resp: 11491

Ion Ratio Lower Upper

83 100

55 70.6 64.2 96.2

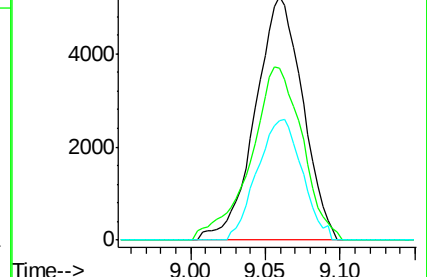
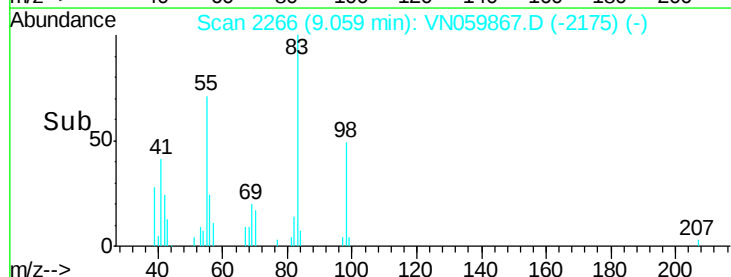
98 49.2 35.9 53.9

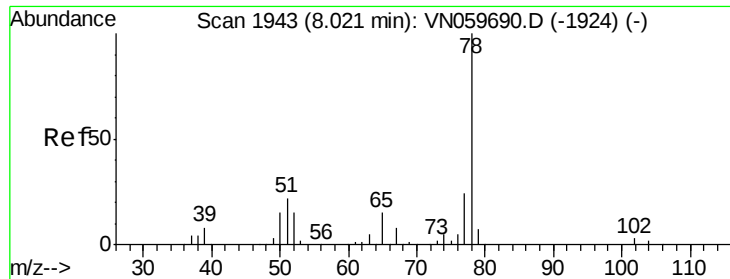


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 15.86 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.01 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

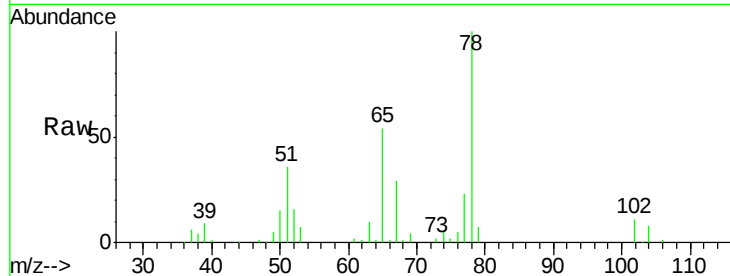
CL-02-012420ME

Tgt Ion: 78 Resp: 121672

Ion Ratio Lower Upper

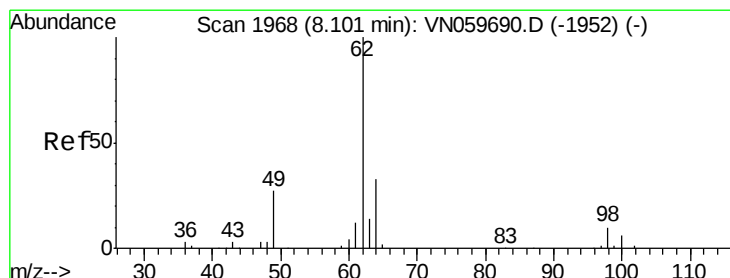
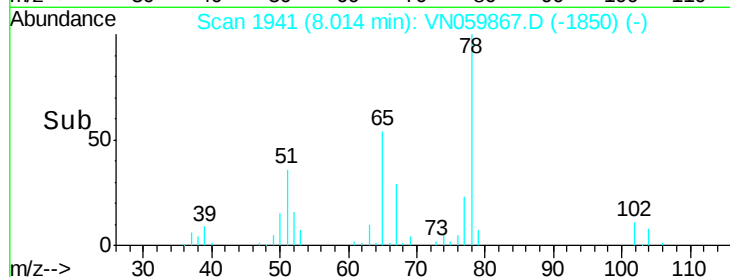
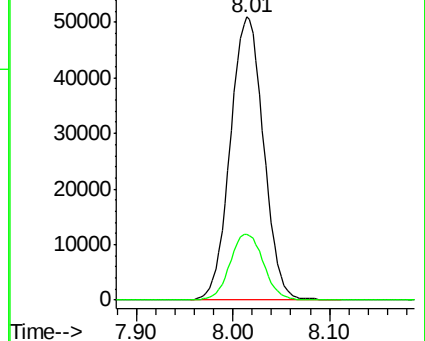
78 100

77 23.2 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#42

1,2-Dichloroethane

Concen: 0.46 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.08 min

Lab File: VN059867.D

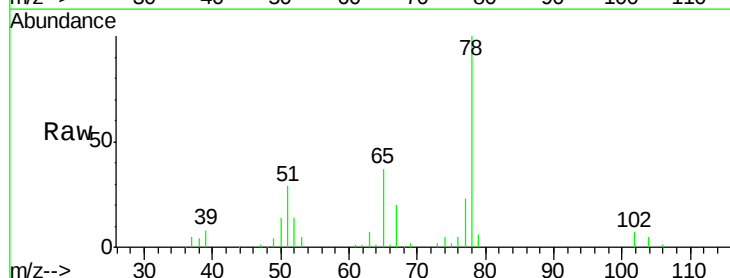
Acq: 27 Jan 2020 13:05

Tgt Ion: 62 Resp: 1206

Ion Ratio Lower Upper

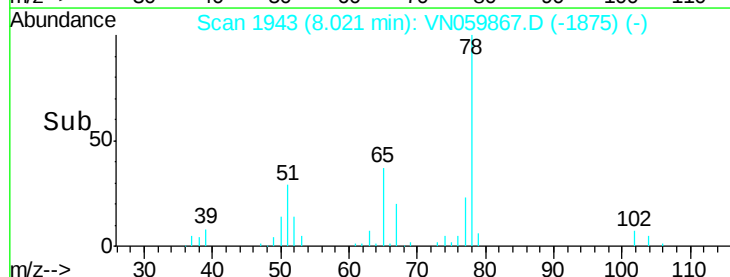
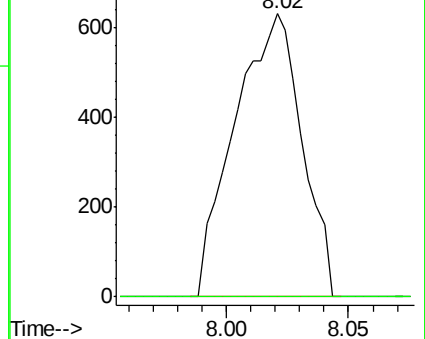
62 100

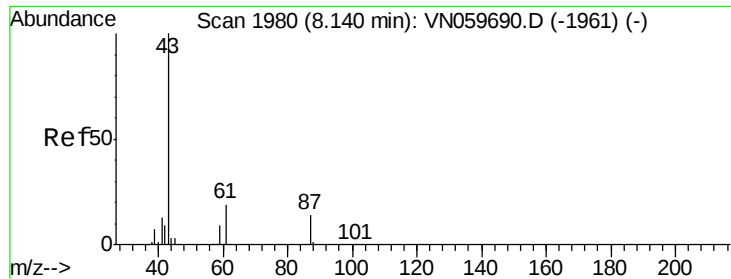
98 0.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 0.29 ug/l

RT: 8.22 min Scan# 2004

Delta R.T. 0.08 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420ME

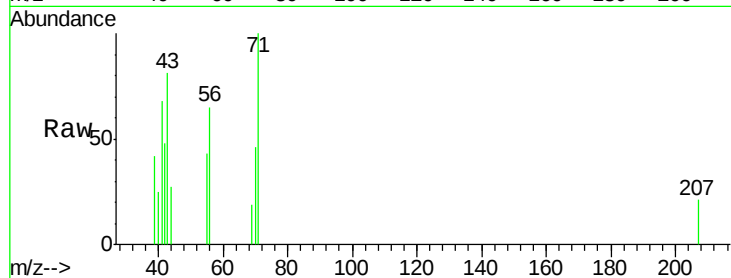
Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

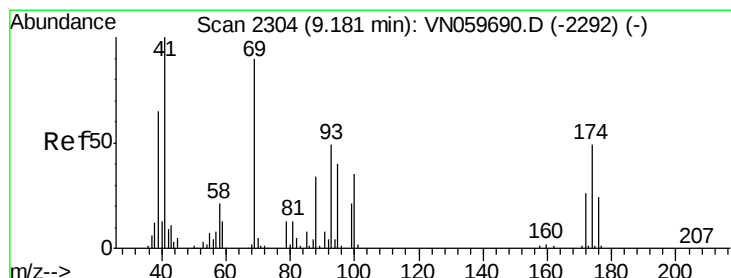
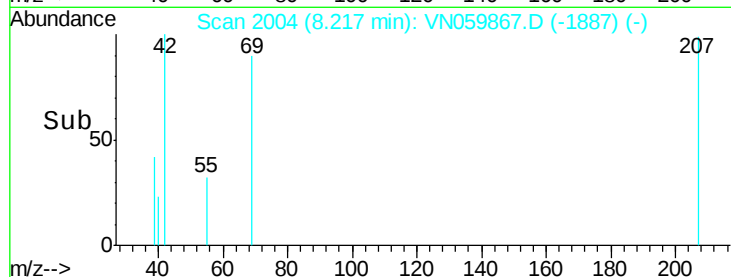
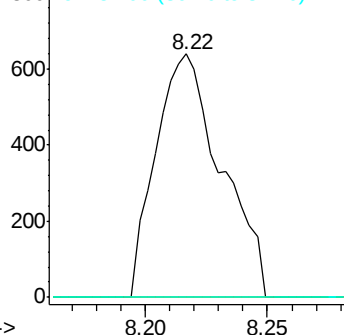
43 100

61 0.0 20.2 30.2#

87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 0.33 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.06 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

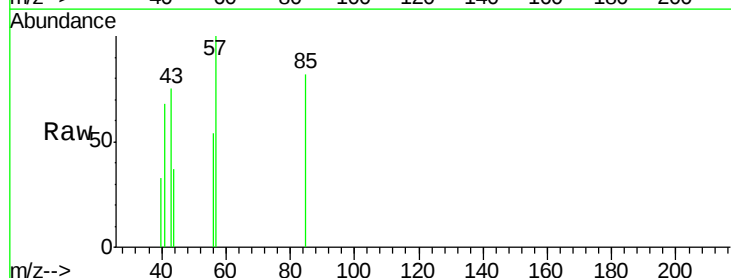
Tgt Ion: 41 Resp: 606

Ion Ratio Lower Upper

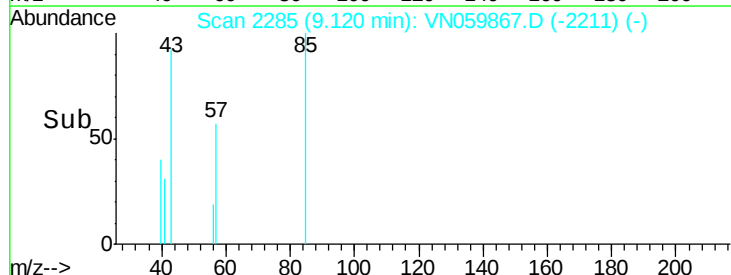
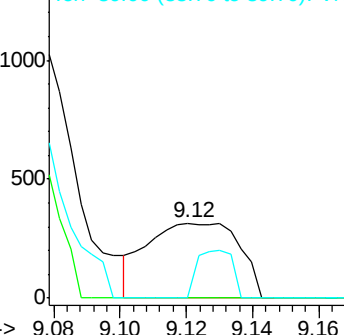
41 100

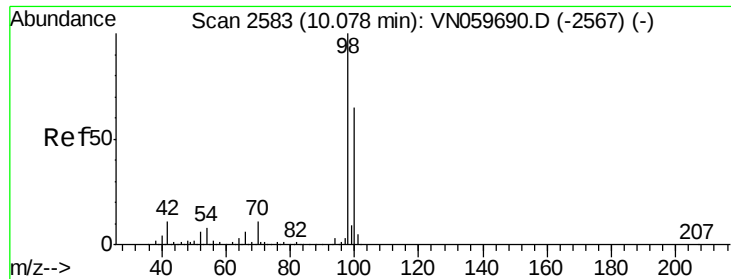
69 0.0 64.4 96.6#

39 24.3 51.3 76.9#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#50

Toluene-d8

Concen: 50.70 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

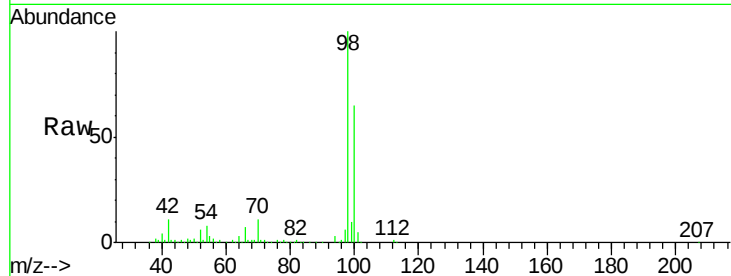
CL-02-012420ME

Tgt Ion: 98 Resp: 346089

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059690.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059690.D (-2567) (-)

10.08

200000

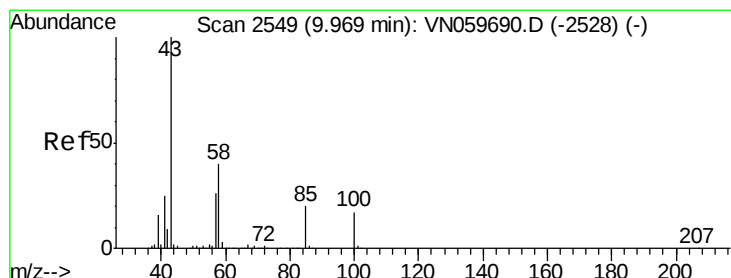
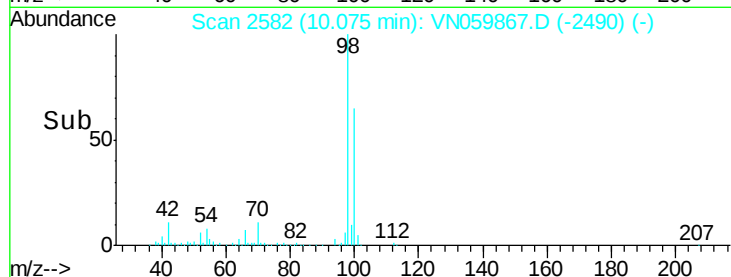
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.38 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.01 min

Lab File: VN059867.D

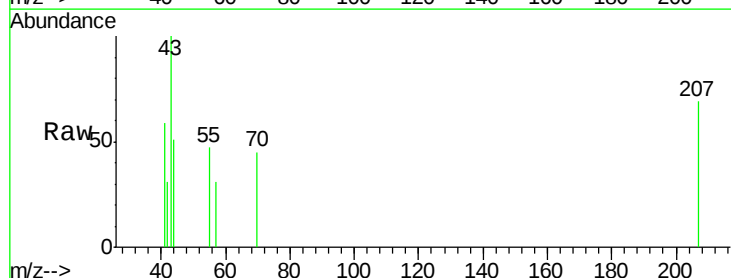
Acq: 27 Jan 2020 13:05

Tgt Ion: 43 Resp: 918

Ion Ratio Lower Upper

43 100

58 0.0 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-2528) (-)

9.98

500

400

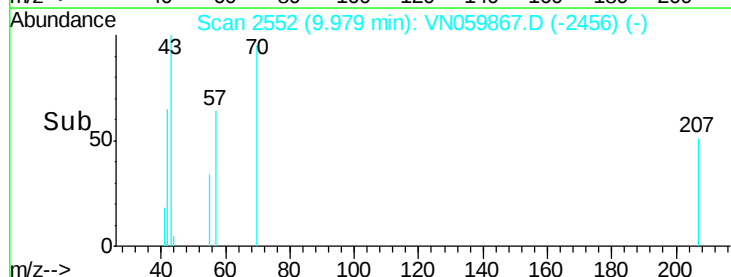
300

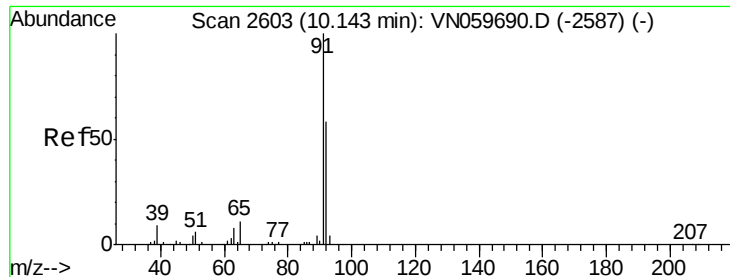
200

100

0

Time-->





#52

Toluene

Concen: 3.46 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

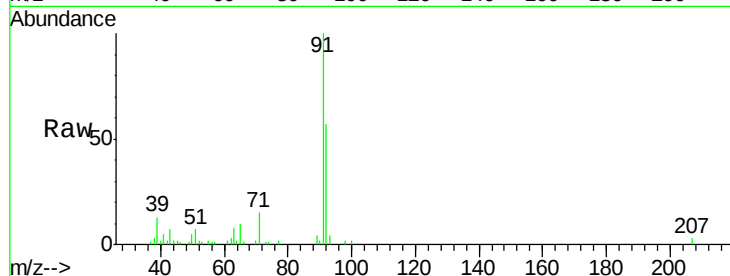
CL-02-012420ME

Tgt Ion: 92 Resp: 16763

Ion Ratio Lower Upper

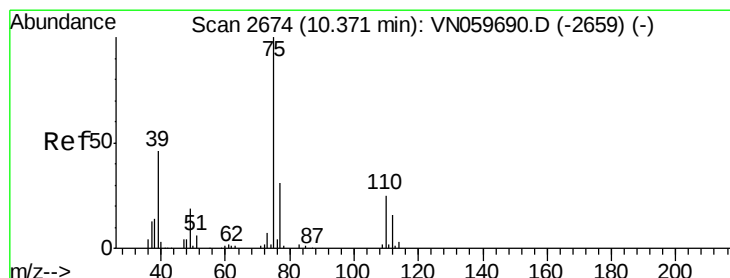
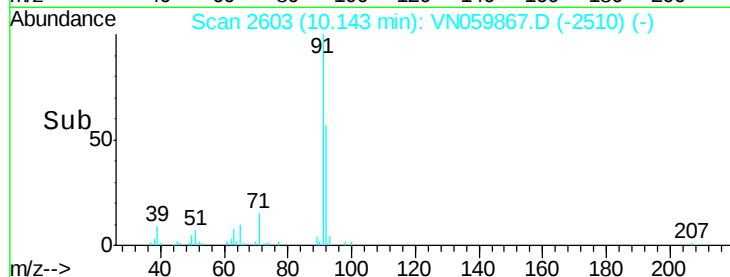
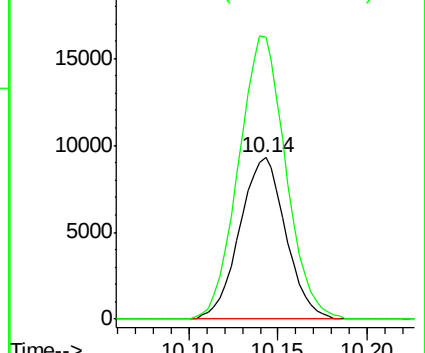
92 100

91 179.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 1.05 ug/l

RT: 10.23 min Scan# 2629

Delta R.T. -0.14 min

Lab File: VN059867.D

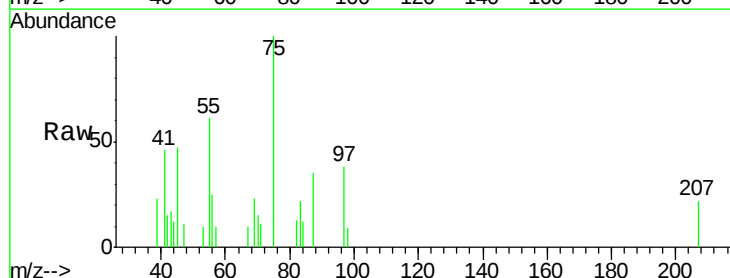
Acq: 27 Jan 2020 13:05

Tgt Ion: 75 Resp: 3170

Ion Ratio Lower Upper

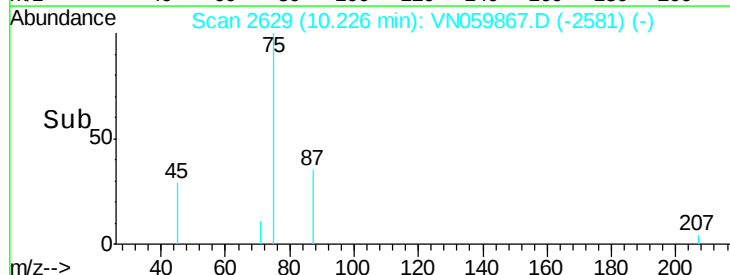
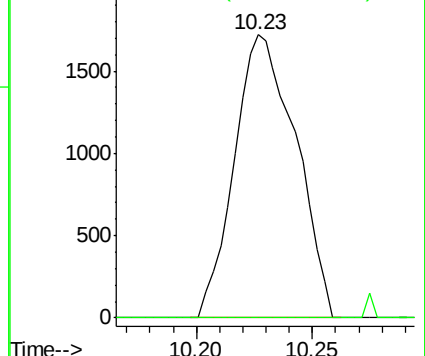
75 100

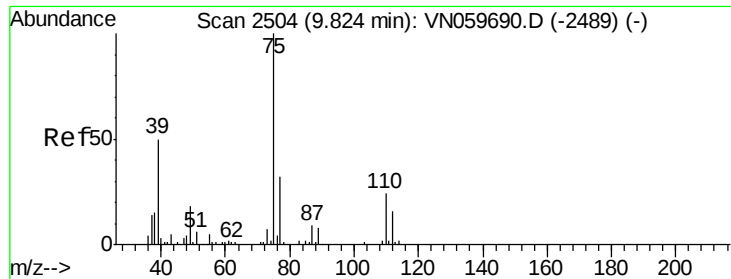
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

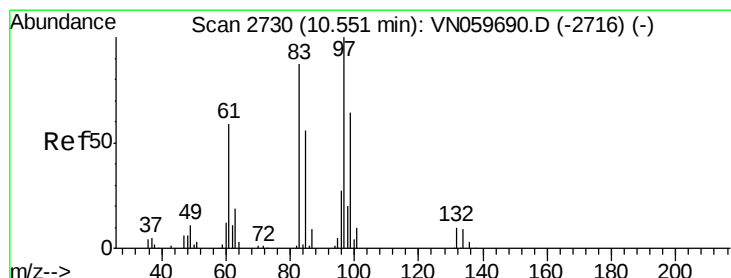
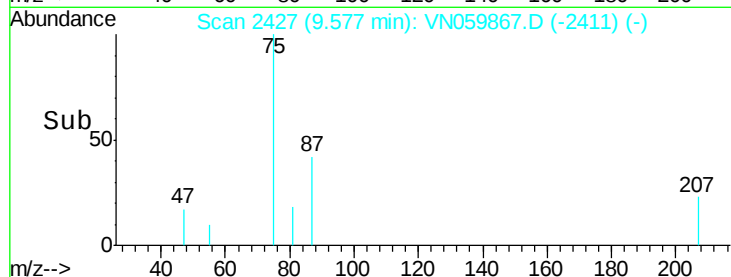
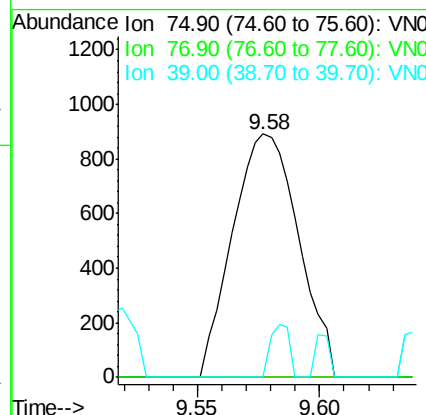
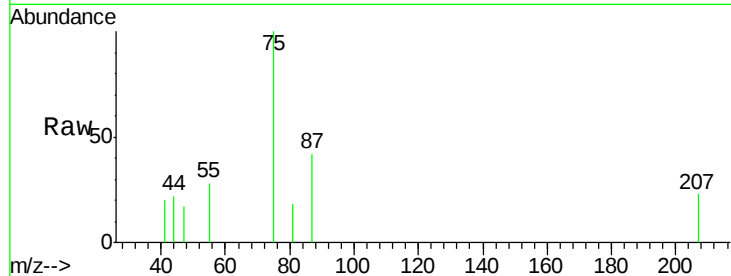




#54
 cis-1,3-Dichloropropene
 Concen: 0.53 ug/l
 RT: 9.58 min Scan# 2427
 Delta R.T. -0.25 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

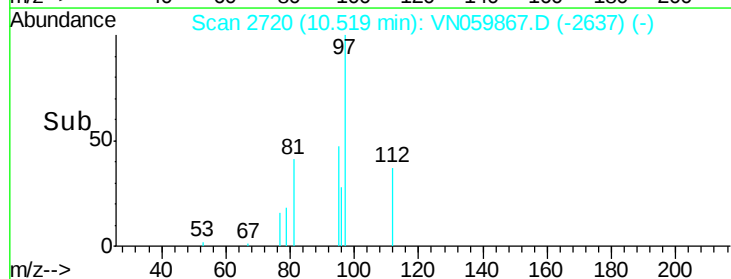
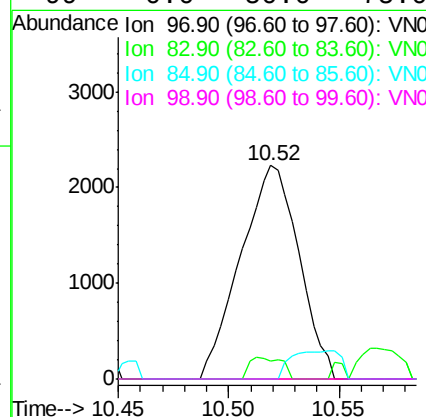
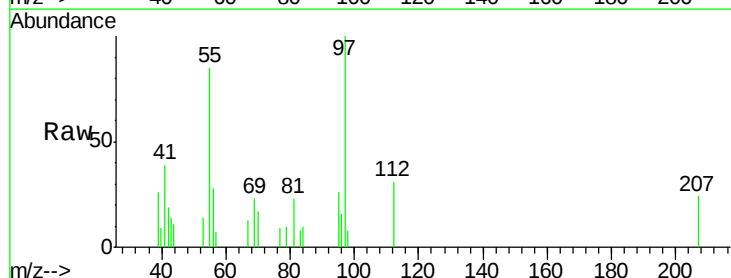
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-012420ME

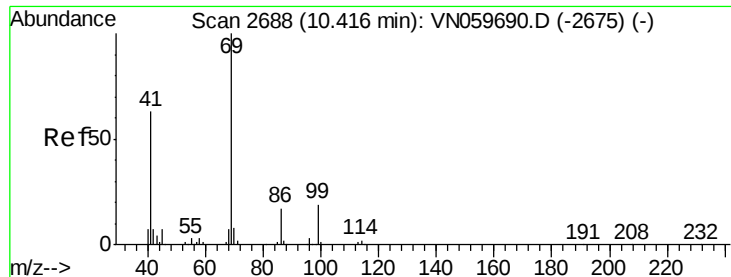
Tgt Ion: 75 Resp: 1672
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 0.0 46.1 69.1#



#55
 1,1,2-Trichloroethane
 Concen: 2.13 ug/l
 RT: 10.52 min Scan# 2720
 Delta R.T. -0.03 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

Tgt Ion: 97 Resp: 4093
 Ion Ratio Lower Upper
 97 100
 83 8.4 71.3 106.9#
 85 0.0 45.8 68.8#
 99 0.0 50.0 75.0#





#56

Ethyl methacrylate

Concen: 0.64 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420ME

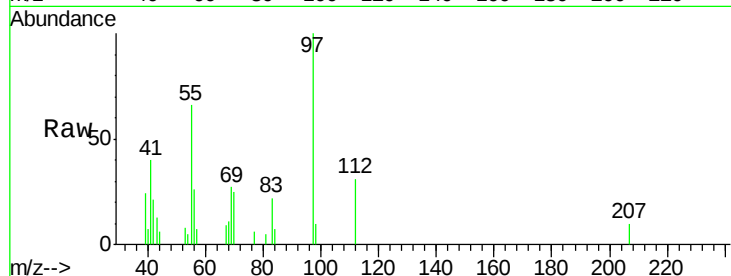
Tgt Ion: 69 Resp: 1885

Ion Ratio Lower Upper

69 100

41 212.6 57.1 85.7#

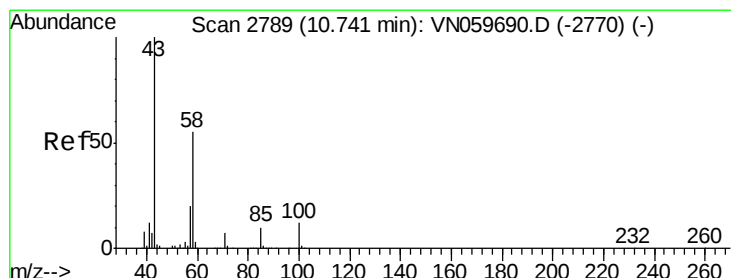
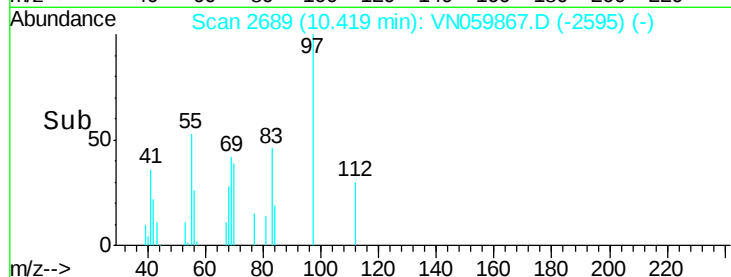
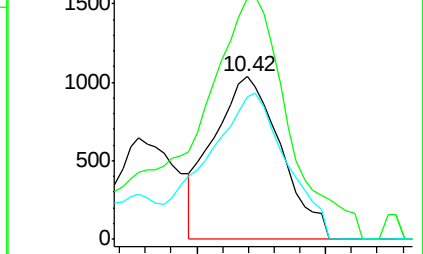
39 105.0 34.7 52.1#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 6.00 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.04 min

Lab File: VN059867.D

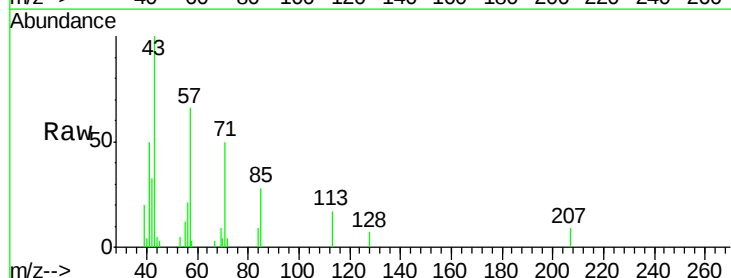
Acq: 27 Jan 2020 13:05

Tgt Ion: 43 Resp: 10602

Ion Ratio Lower Upper

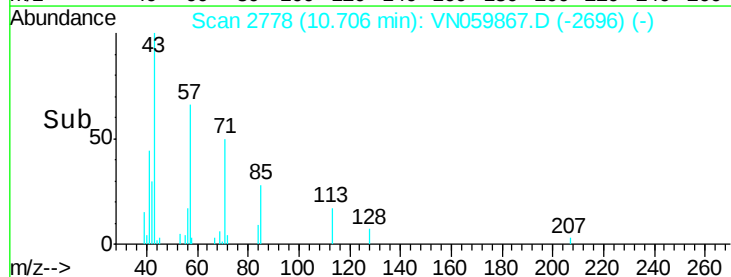
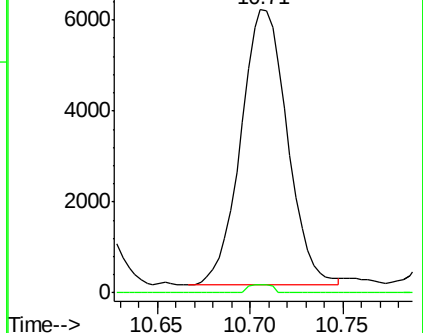
43 100

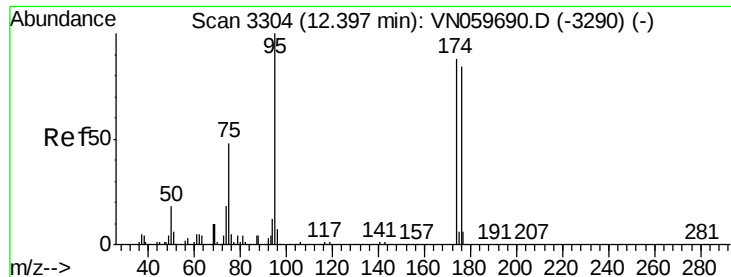
58 1.5 25.8 77.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

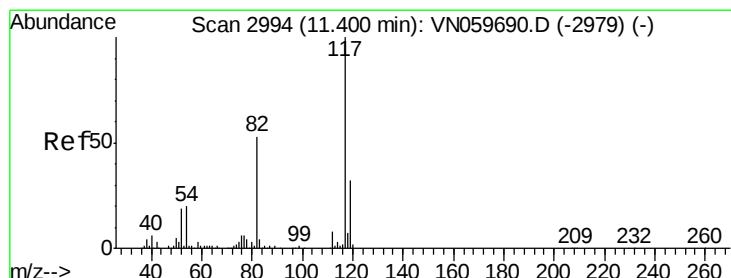
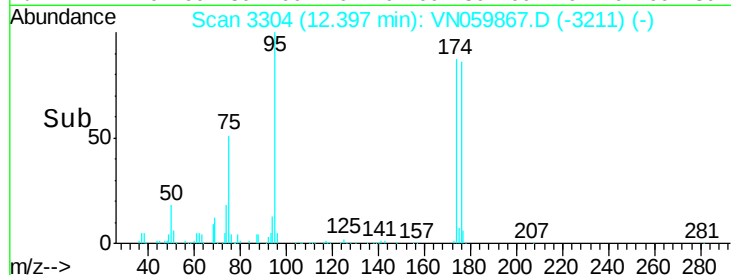
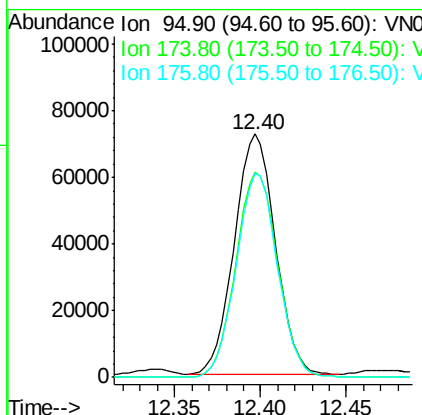
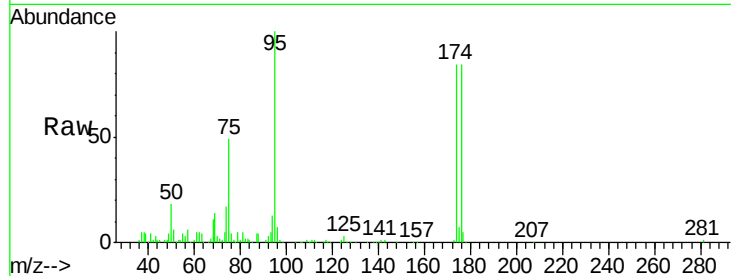




#62
4-Bromofluorobenzene
Concen: 48.62 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

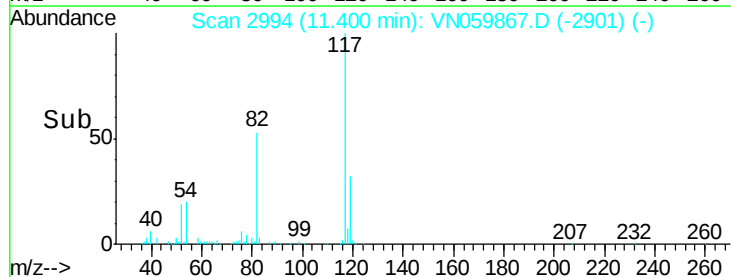
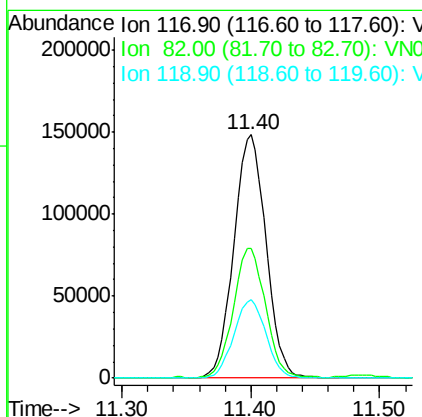
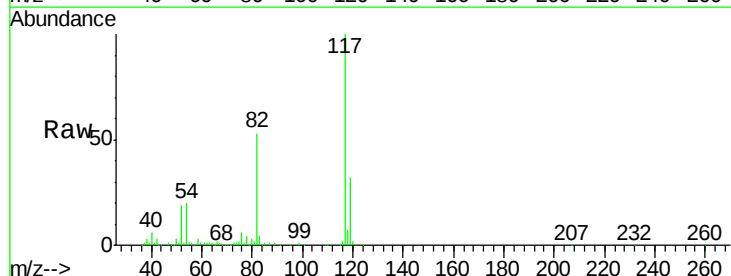
Instrument :
MSVOA_N
ClientSampleId :
CL-02-012420ME

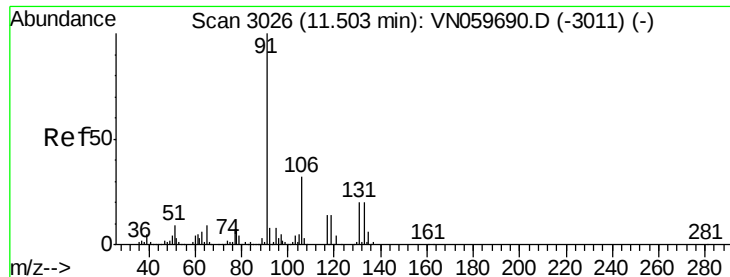
Tgt Ion: 95 Resp: 119643
Ion Ratio Lower Upper
95 100
174 87.6 0.0 151.4
176 85.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

Tgt Ion: 117 Resp: 257539
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 32.1 25.5 38.3





#67

Ethyl Benzene

Concen: 3.51 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

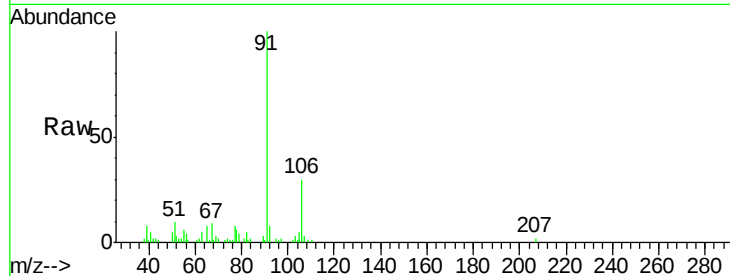
CL-02-012420ME

Tgt Ion: 91 Resp: 32294

Ion Ratio Lower Upper

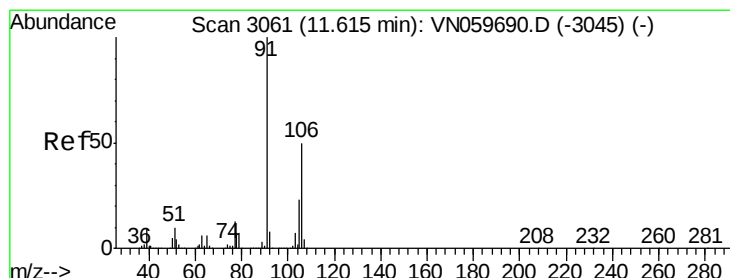
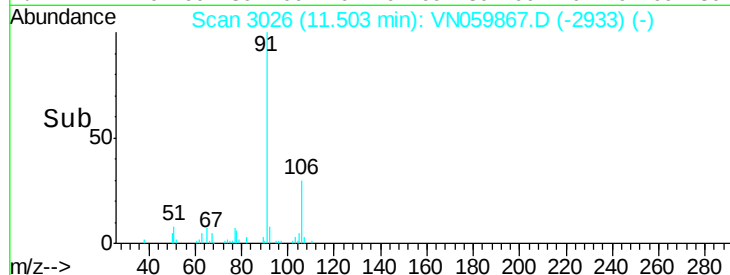
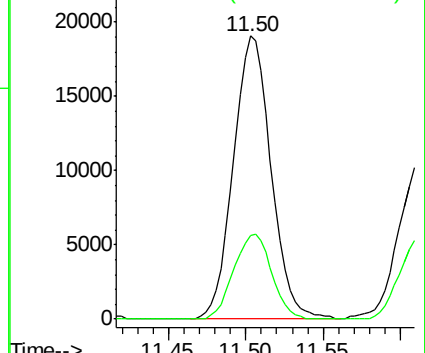
91 100

106 29.7 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 3.30 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059867.D

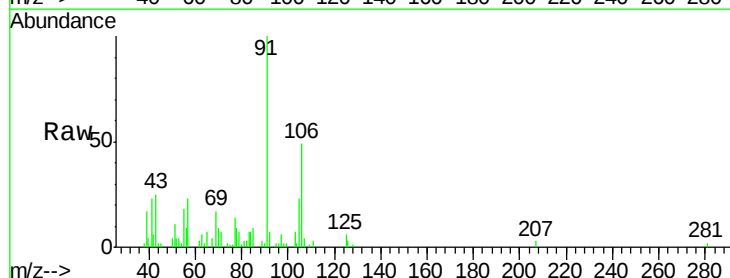
Acq: 27 Jan 2020 13:05

Tgt Ion: 106 Resp: 11444

Ion Ratio Lower Upper

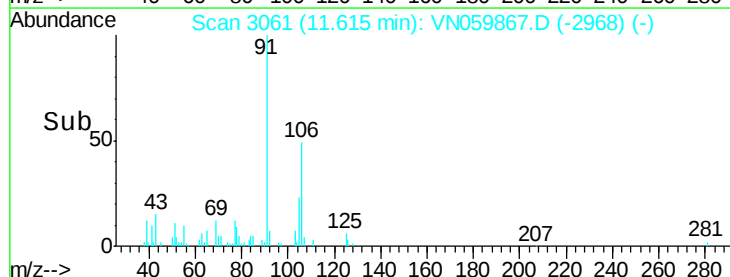
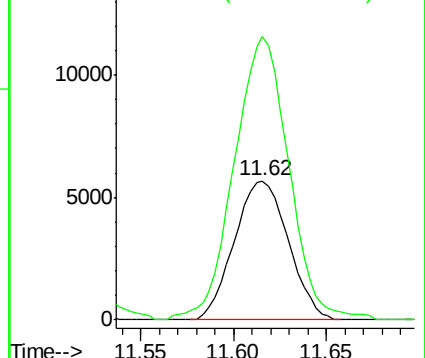
106 100

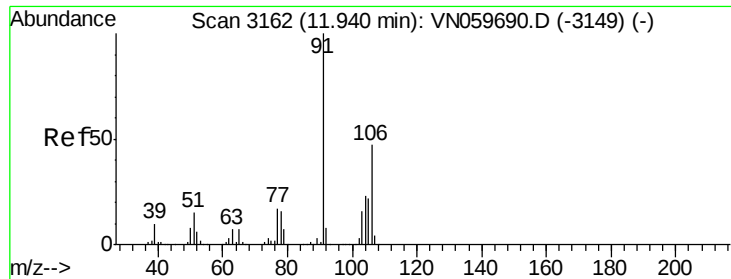
91 206.6 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

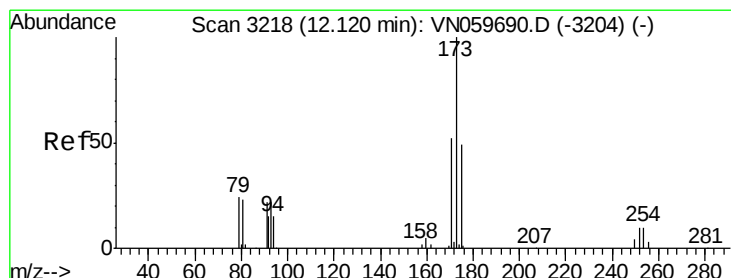
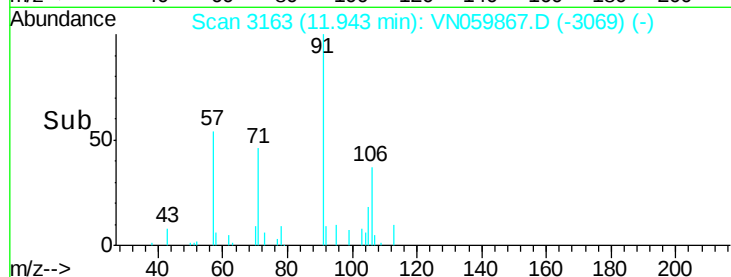
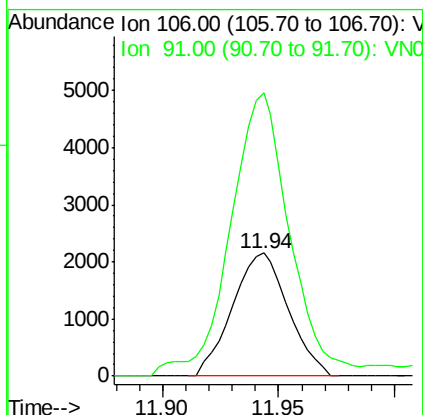
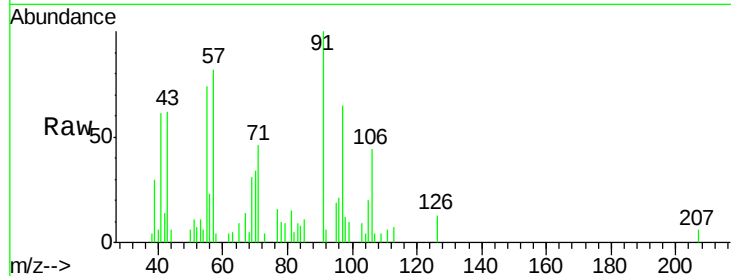




#69
o-Xylene
Concen: 1.06 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

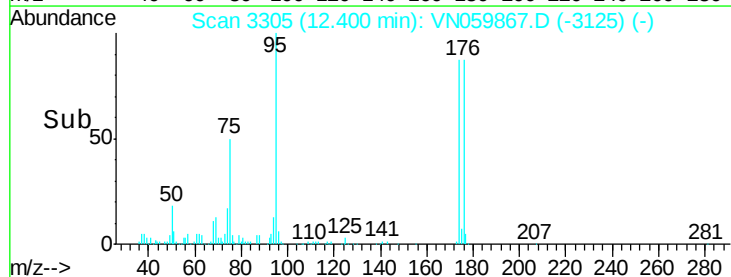
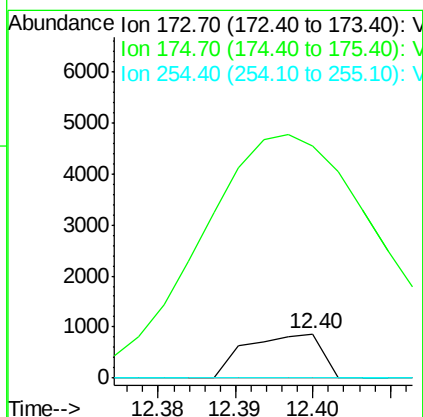
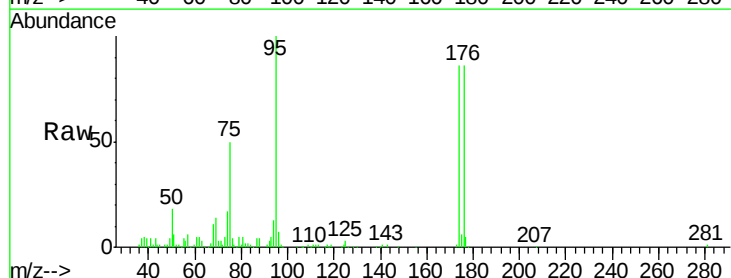
Instrument :
MSVOA_N
ClientSampleId :
CL-02-012420ME

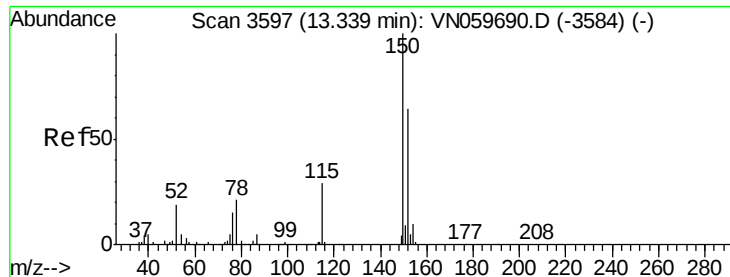
Tgt Ion:106 Resp: 3607
Ion Ratio Lower Upper
106 100
91 244.0 110.3 330.9



#71
Bromoform
Concen: 0.37 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

Tgt Ion:173 Resp: 584
Ion Ratio Lower Upper
173 100
175 1117.8 23.8 71.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420ME

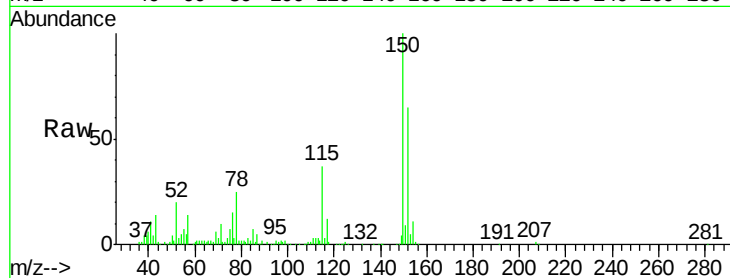
Tgt Ion:152 Resp: 124936

Ion Ratio Lower Upper

152 100

115 56.8 30.3 90.9

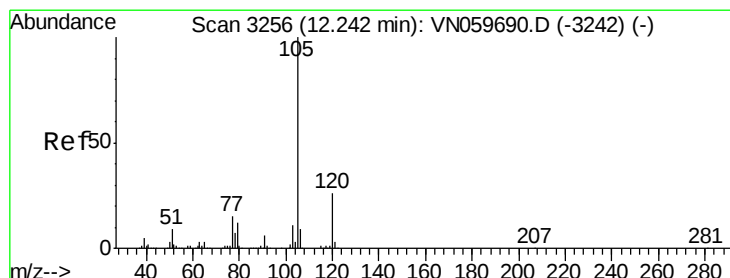
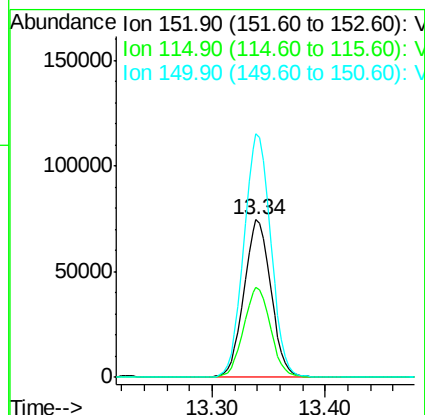
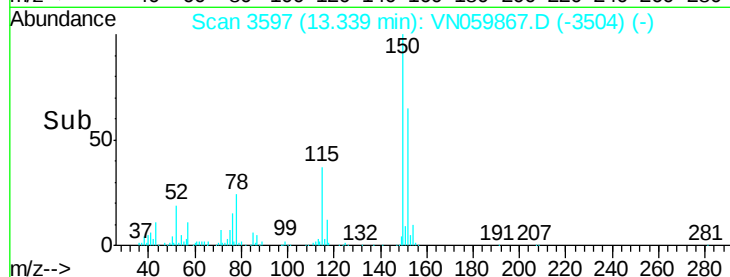
150 153.7 0.0 345.2



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: 1.49 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059867.D

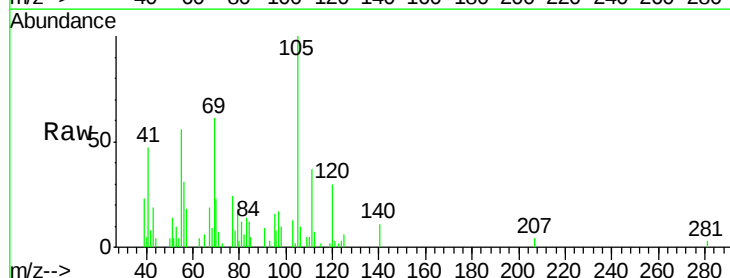
Acq: 27 Jan 2020 13:05

Tgt Ion:105 Resp: 13625

Ion Ratio Lower Upper

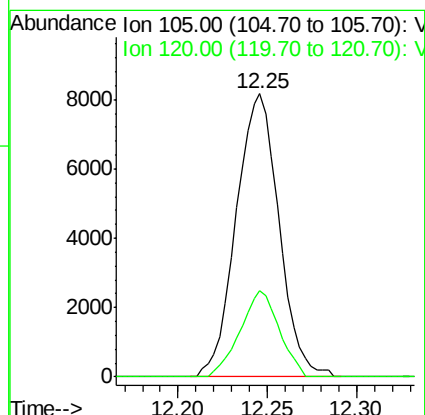
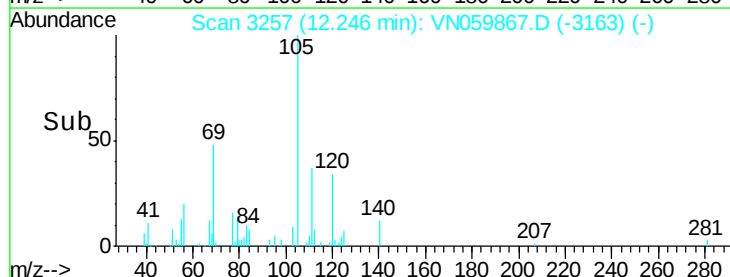
105 100

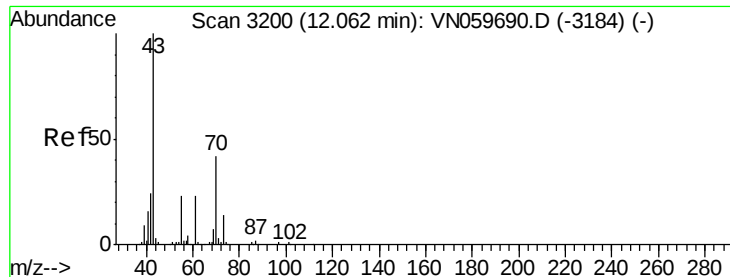
120 27.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 7.26 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.02 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420ME

Tgt Ion: 43 Resp: 25805

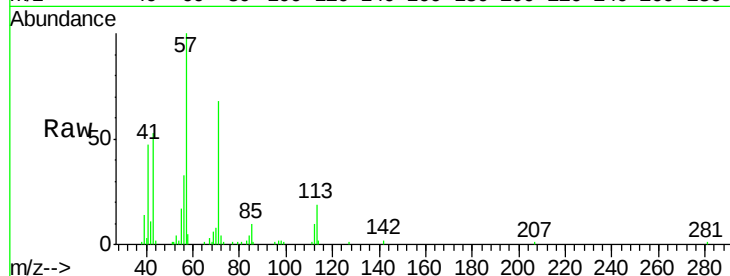
Ion Ratio Lower Upper

43 100

70 11.7 31.3 46.9#

55 16.1 19.8 29.6#

61 0.0 18.3 27.5#

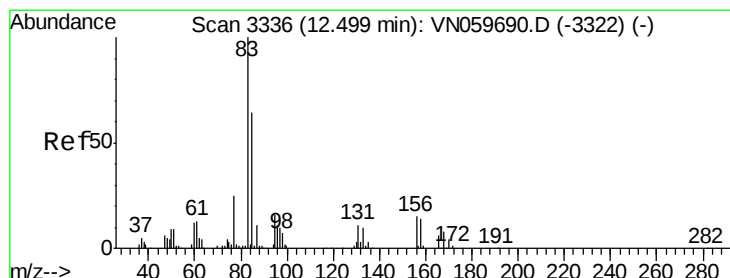
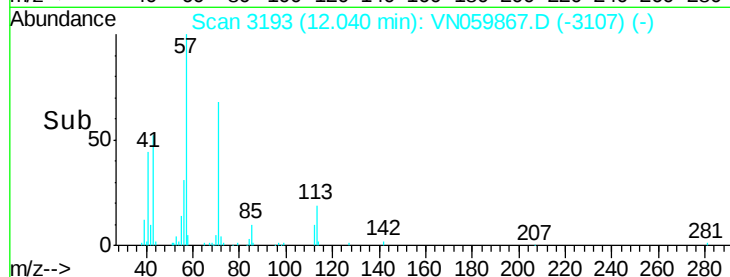
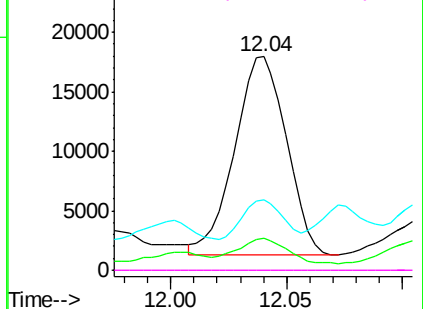


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 3.42 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.05 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

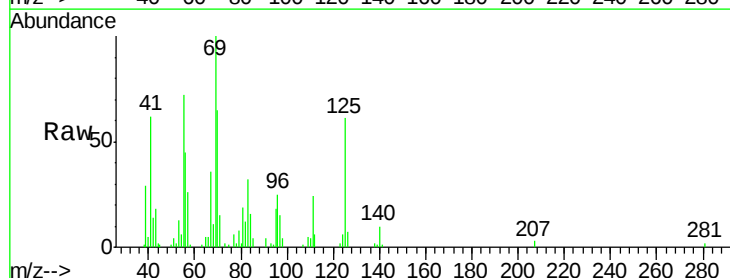
Tgt Ion: 83 Resp: 9081

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

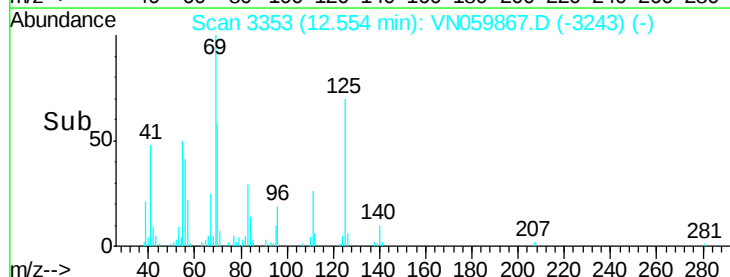
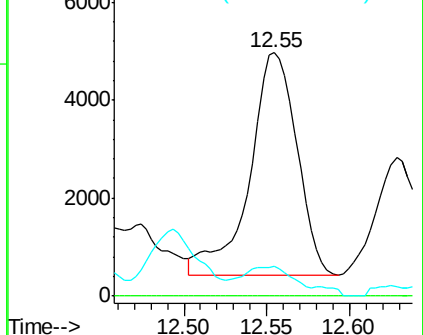
85 8.4 31.9 95.5#

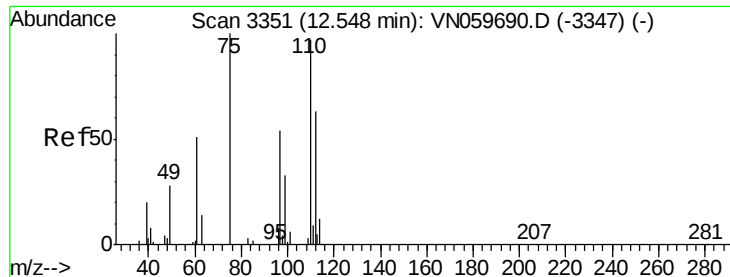


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 28.42 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

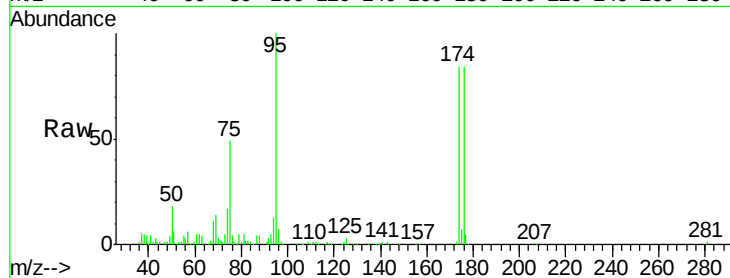
CL-02-012420ME

Tgt Ion: 75 Resp: 59759

Ion Ratio Lower Upper

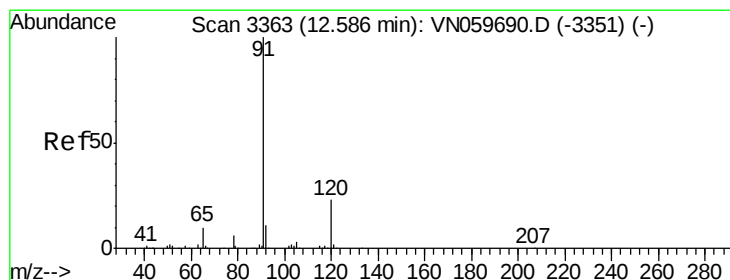
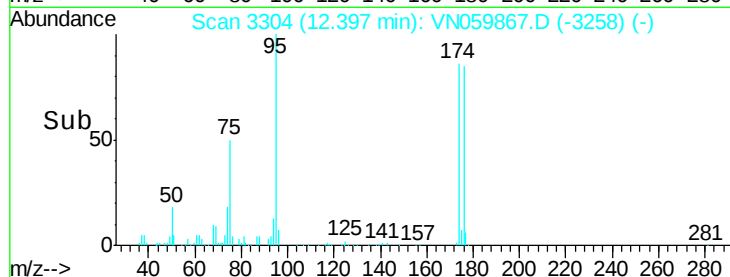
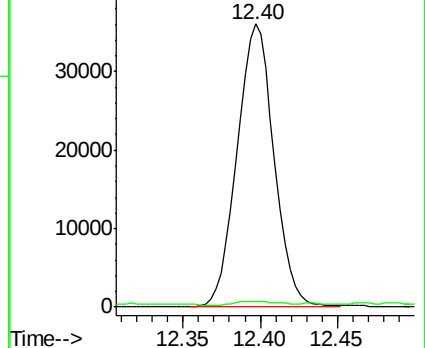
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 3.11 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059867.D

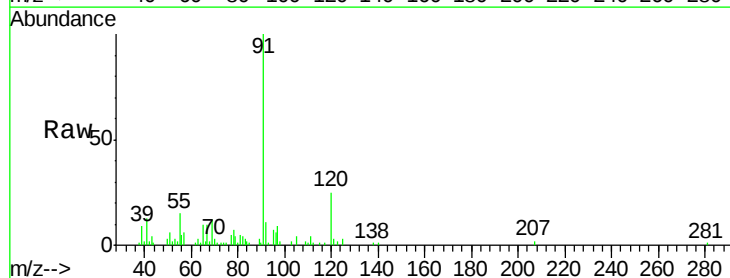
Acq: 27 Jan 2020 13:05

Tgt Ion: 91 Resp: 31977

Ion Ratio Lower Upper

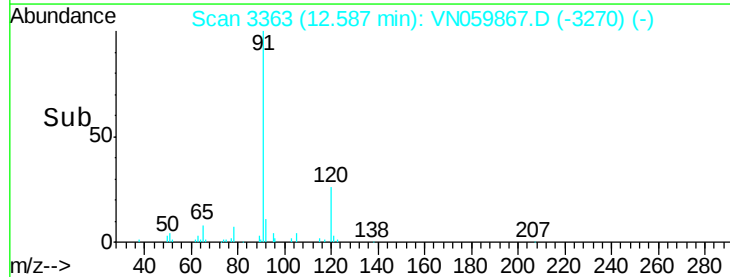
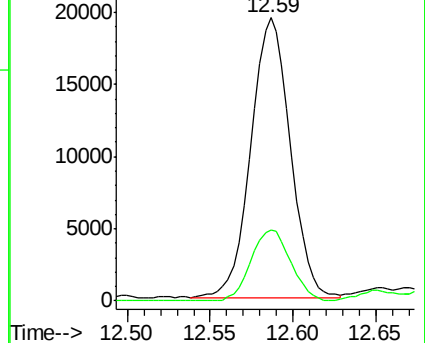
91 100

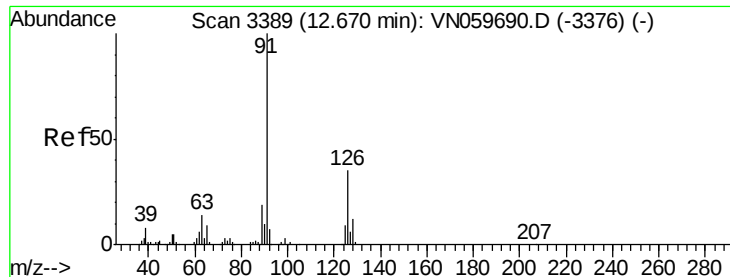
120 25.5 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

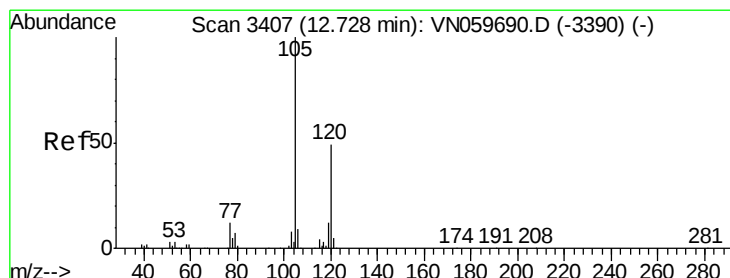
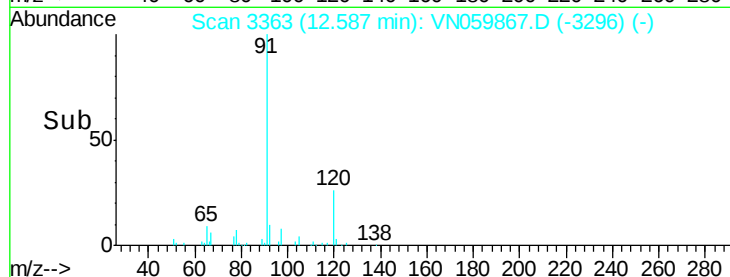
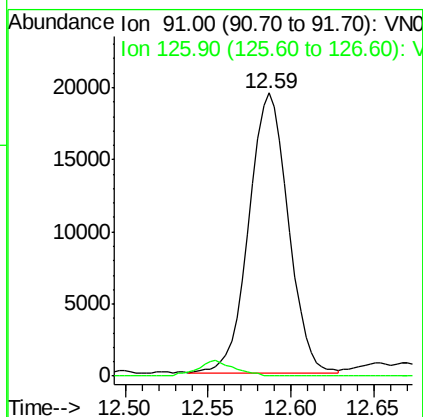
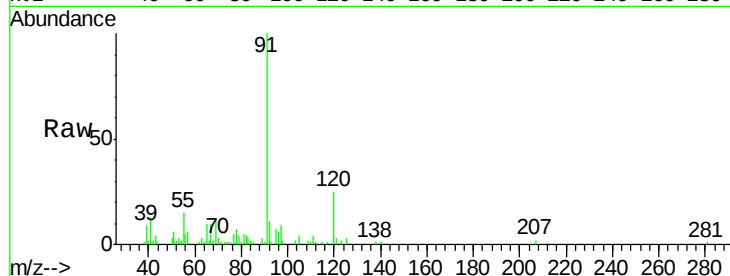




#79
 2-Chlorotoluene
 Concen: 5.23 ug/l
 RT: 12.59 min Scan# 3363
 Delta R.T. -0.08 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

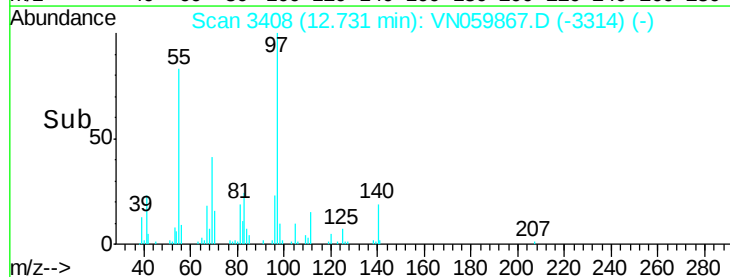
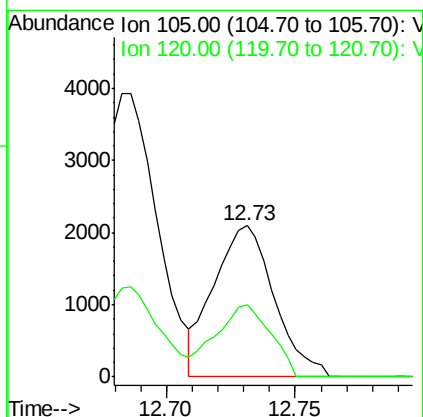
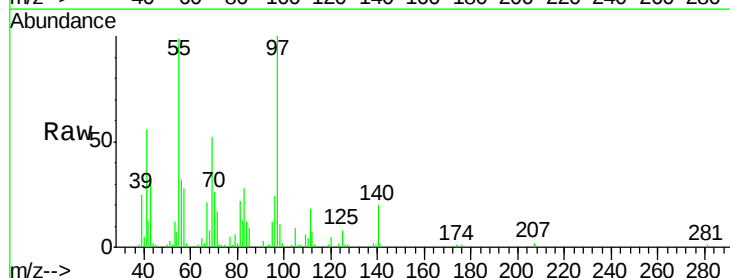
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-012420ME

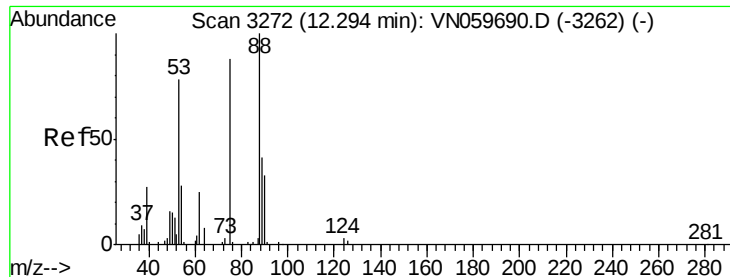
Tgt Ion: 91 Resp: 31977
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.3 48.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.44 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

Tgt Ion: 105 Resp: 3422
 Ion Ratio Lower Upper
 105 100
 120 43.3 24.1 72.4

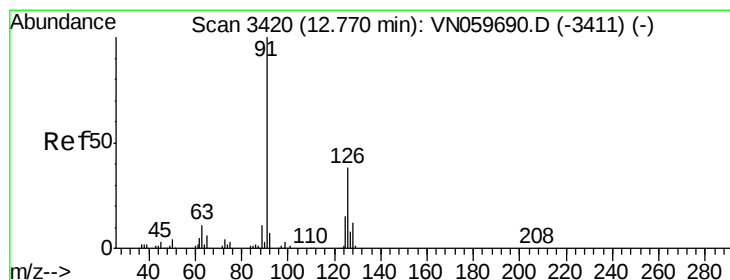
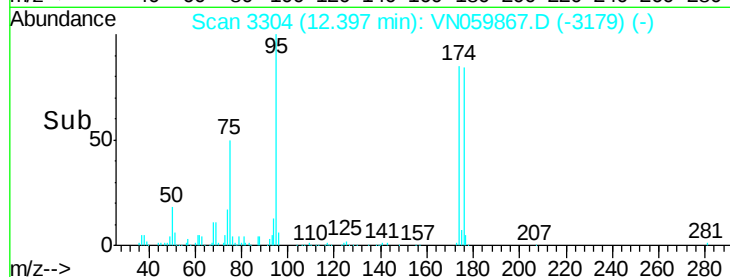
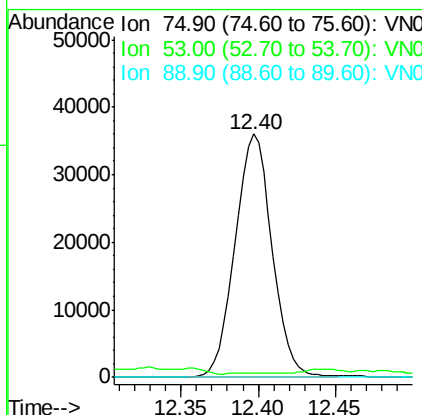
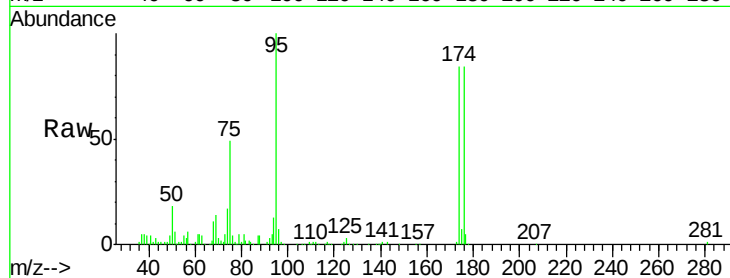




#81
trans-1,4-Dichloro-2-butene
Concen: 61.04 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

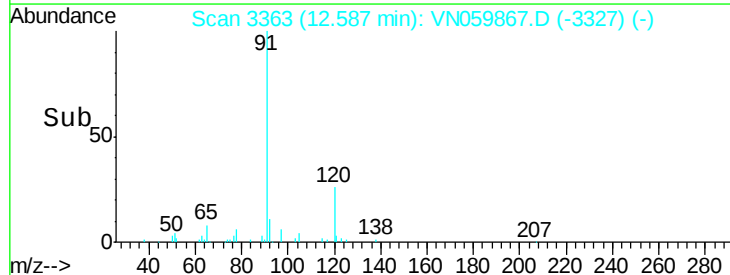
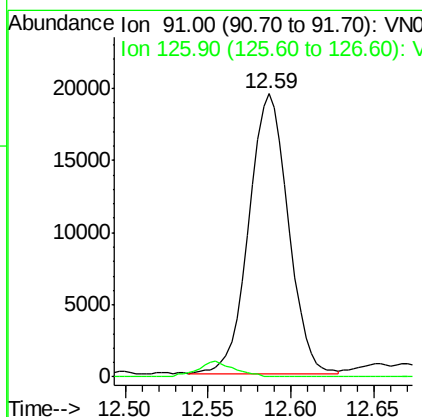
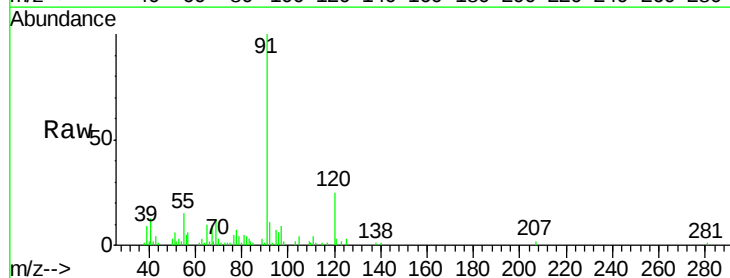
Instrument :
MSVOA_N
ClientSampleId :
CL-02-012420ME

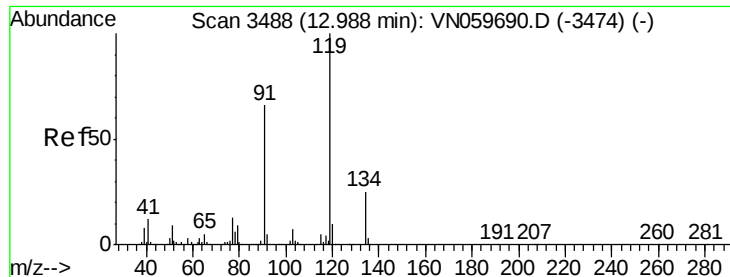
Tgt Ion: 75 Resp: 59759
Ion Ratio Lower Upper
75 100
53 0.0 78.1 117.1#
89 0.0 35.4 53.2#



#82
4-Chlorotoluene
Concen: 5.21 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. -0.18 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

Tgt Ion: 91 Resp: 31977
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#

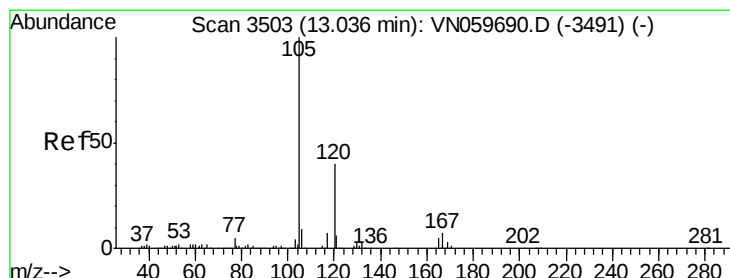
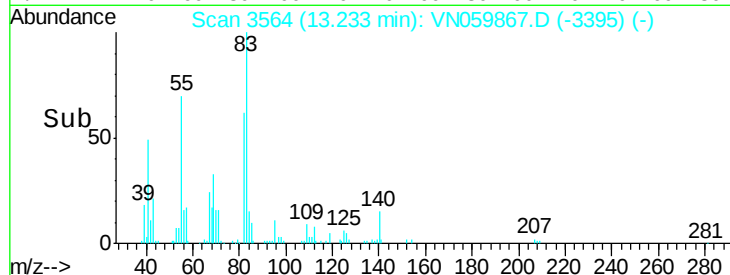
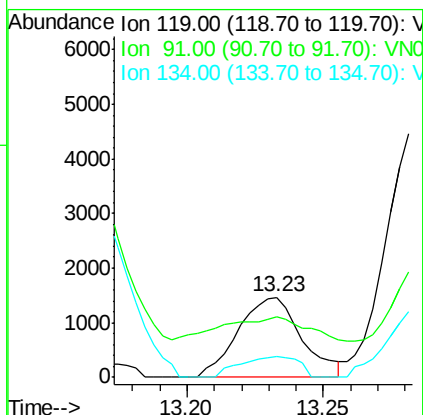
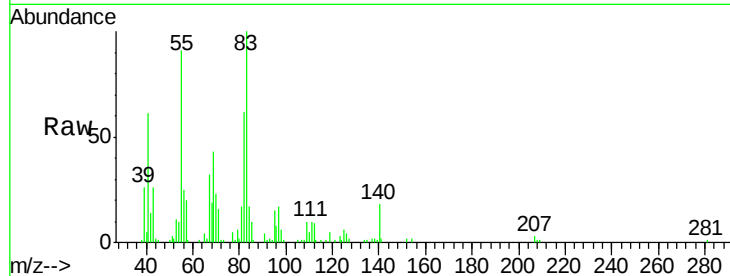




#83
 tert-Butylbenzene
 Concen: 0.35 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. 0.24 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

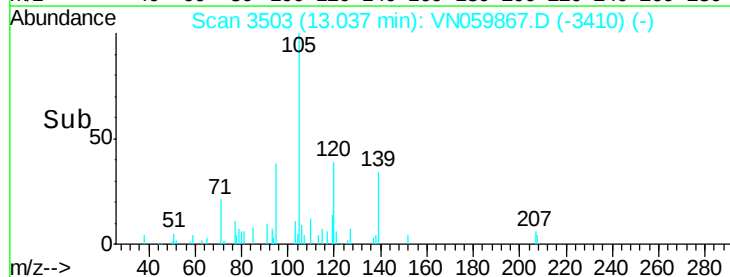
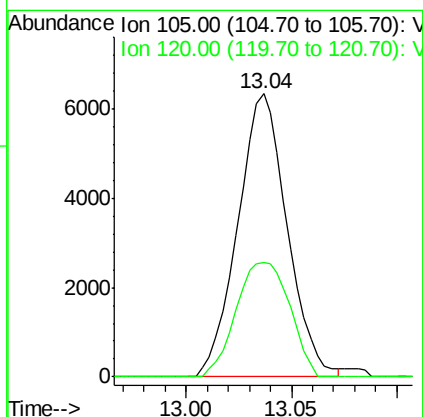
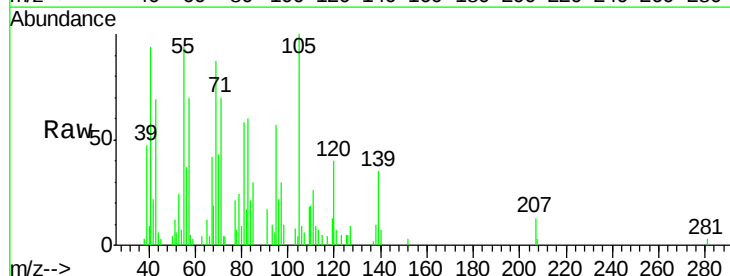
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-012420ME

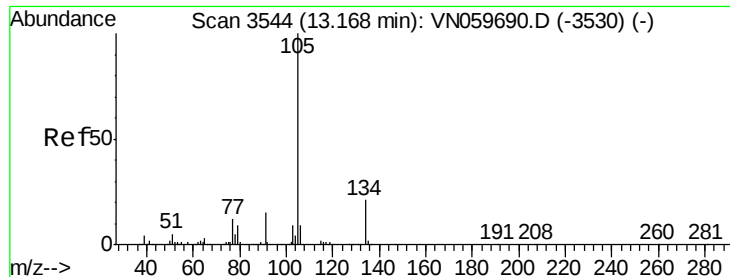
Tgt Ion:119 Resp: 2355
 Ion Ratio Lower Upper
 119 100
 91 45.3 34.8 104.4
 134 24.0 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 1.35 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

Tgt Ion:105 Resp: 10287
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.3 66.9

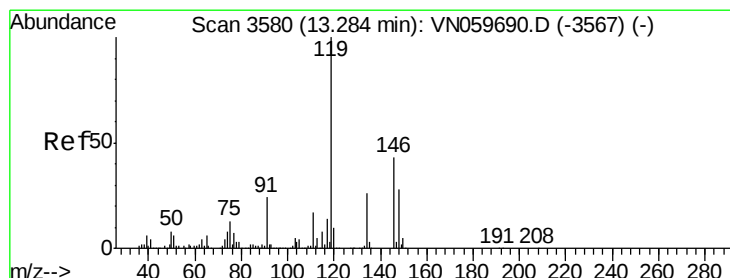
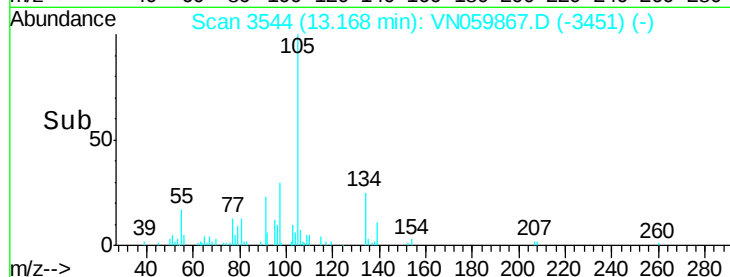
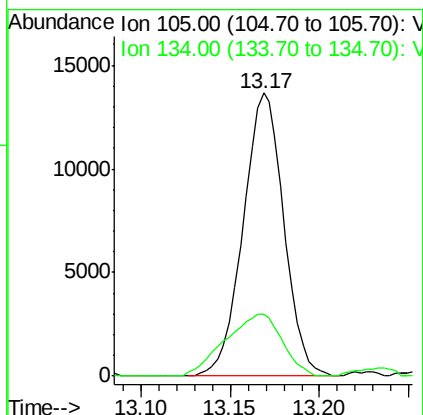
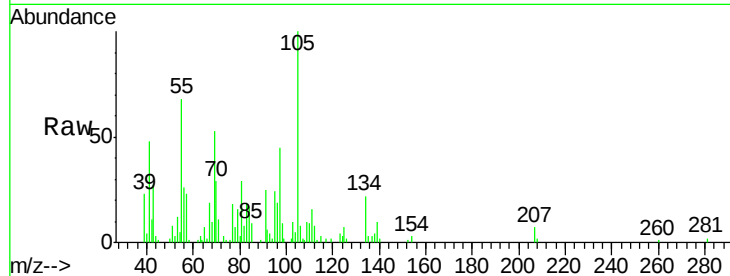




#85
 sec-Butylbenzene
 Concen: 2.49 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

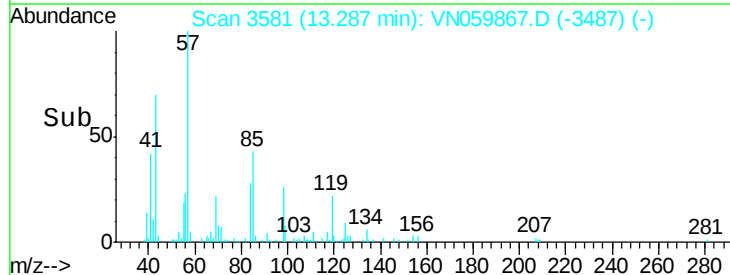
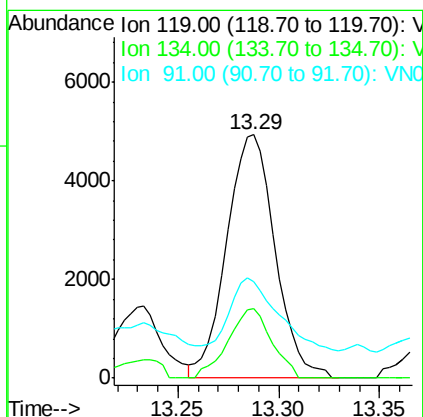
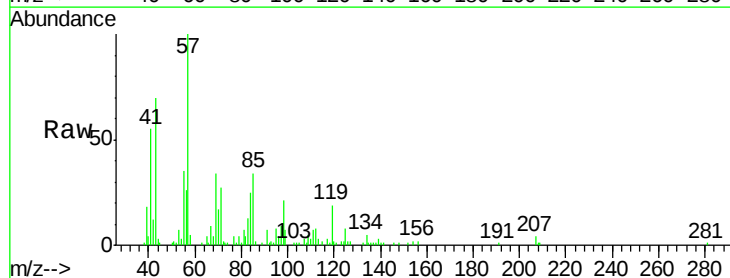
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-012420ME

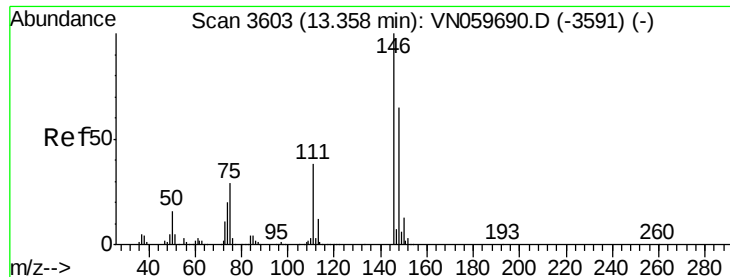
Tgt Ion:105 Resp: 21766
 Ion Ratio Lower Upper
 105 100
 134 30.4 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 1.02 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

Tgt Ion:119 Resp: 8302
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 30.5 12.4 37.4





#88

1,4-Dichlorobenzene

Concen: 0.22 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420ME

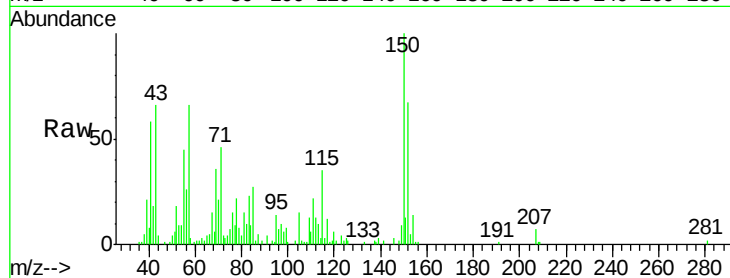
Tgt Ion:146 Resp: 869

Ion Ratio Lower Upper

146 100

111 861.3 20.8 62.2#

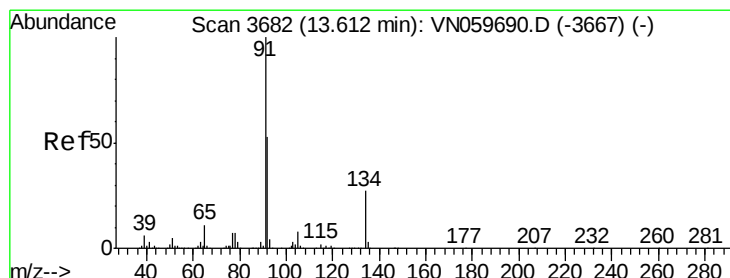
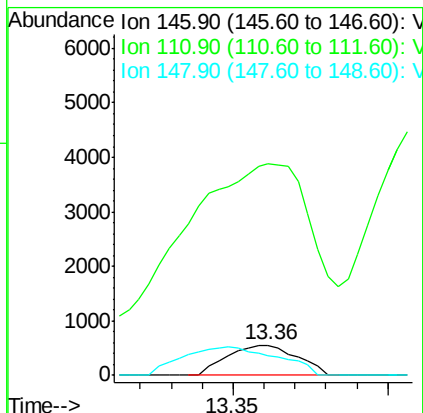
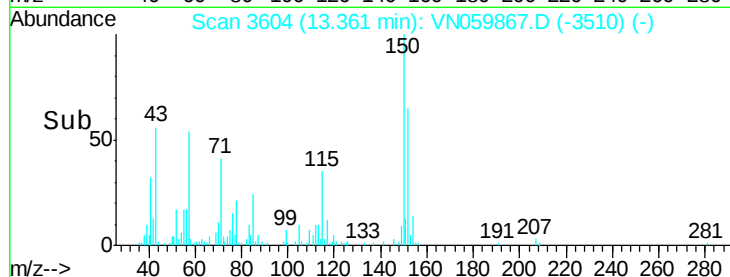
148 128.7 31.8 95.4#



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: 3.72 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

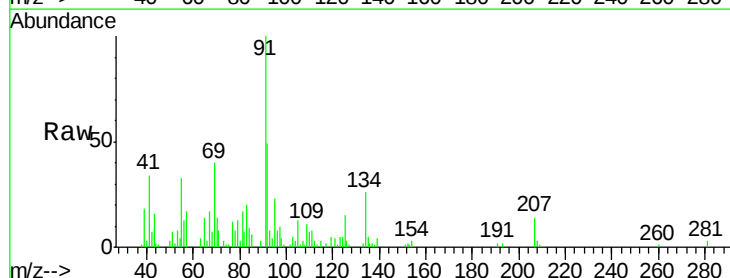
Tgt Ion: 91 Resp: 25671

Ion Ratio Lower Upper

91 100

92 49.7 25.9 77.7

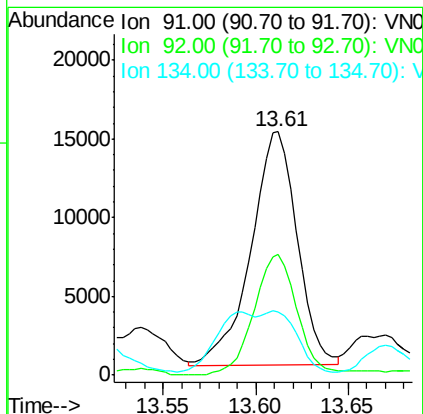
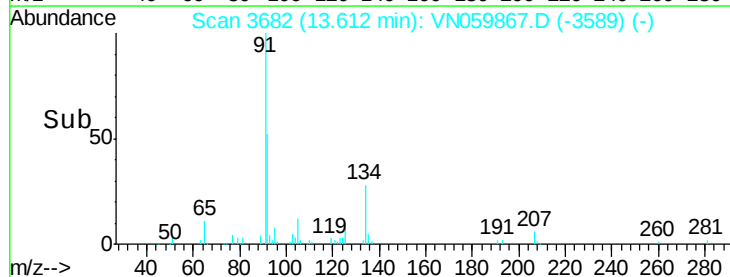
134 21.0 12.3 36.8

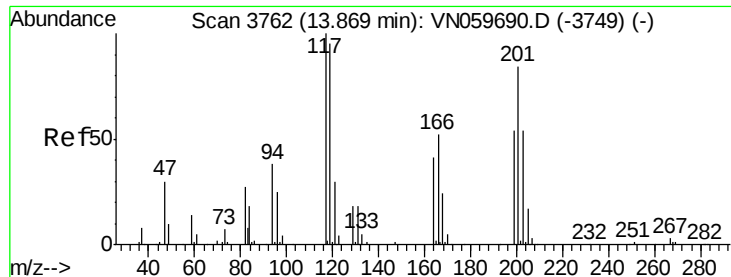


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 4.49 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.02 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

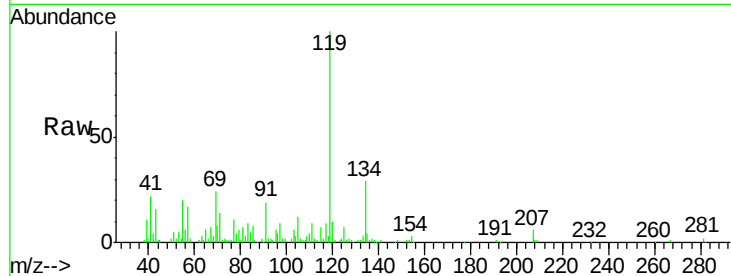
CL-02-012420ME

Tgt Ion:117 Resp: 6799

Ion Ratio Lower Upper

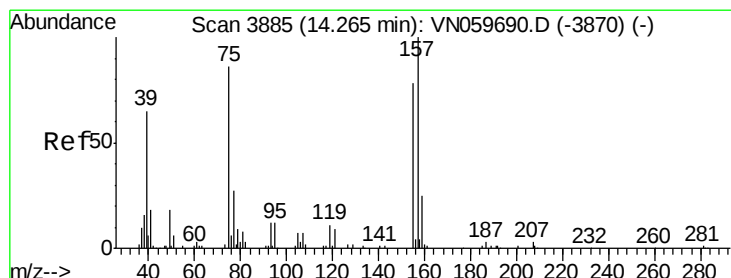
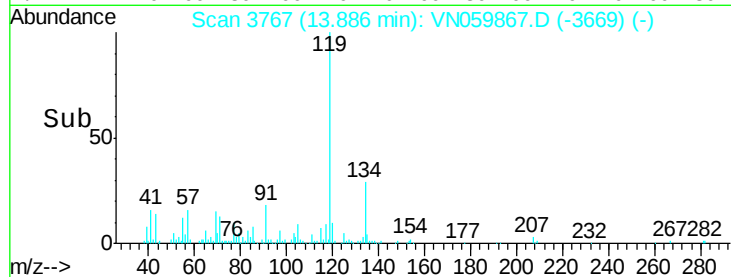
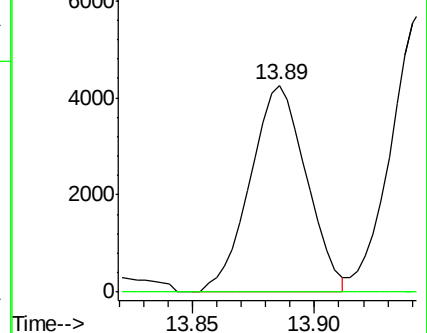
117 100

201 0.0 37.8 113.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

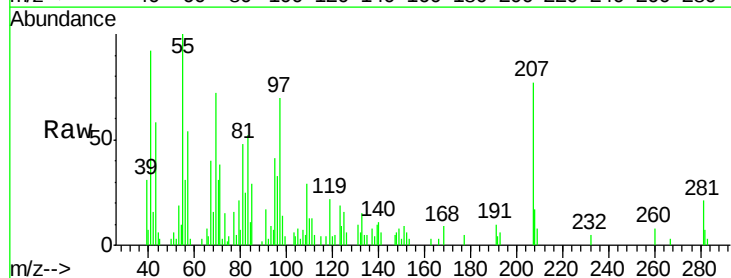
Tgt Ion: 75 Resp: 48

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

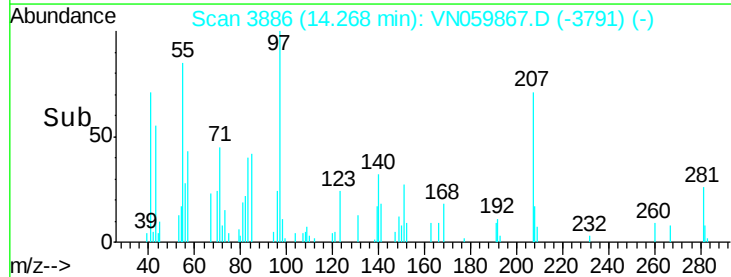
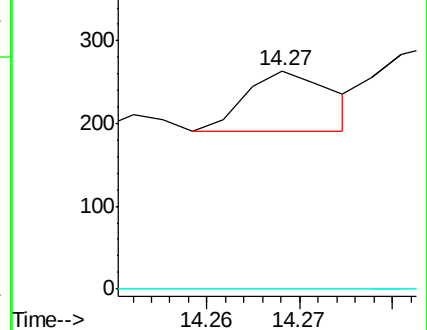
157 0.0 48.4 145.2#

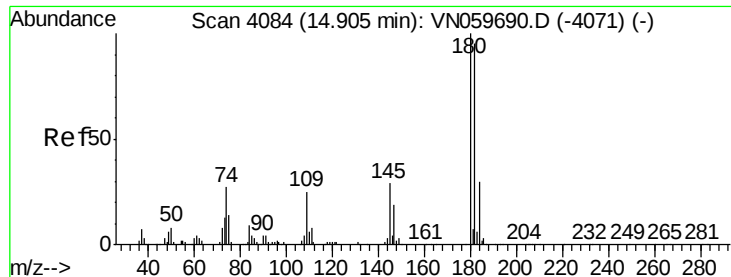


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.86 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420ME

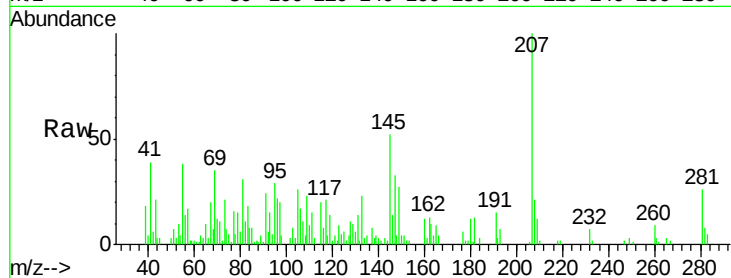
Tgt Ion:180 Resp: 2057

Ion Ratio Lower Upper

180 100

182 149.6 46.9 140.7#

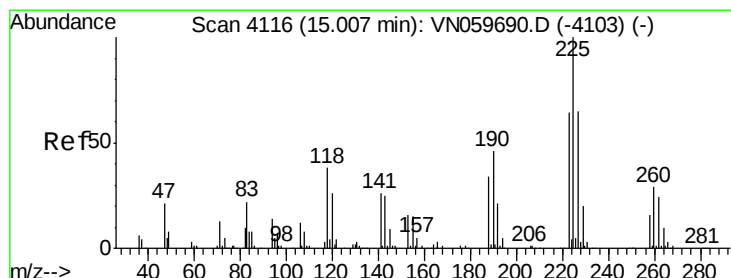
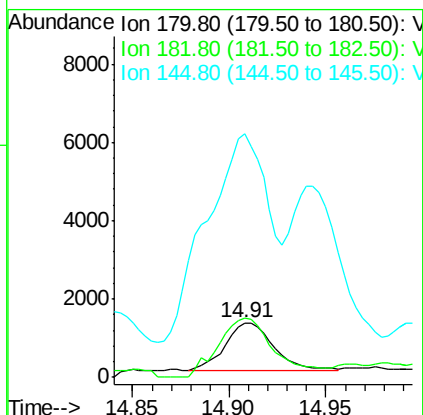
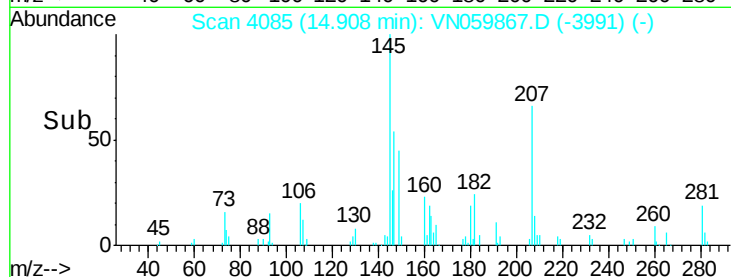
145 735.6 15.0 45.1#



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: 0.27 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

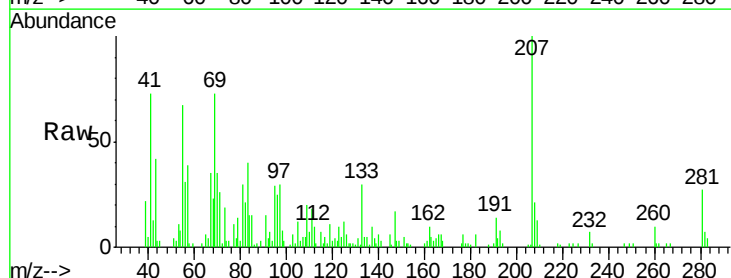
Tgt Ion:225 Resp: 354

Ion Ratio Lower Upper

225 100

223 115.3 31.8 95.3#

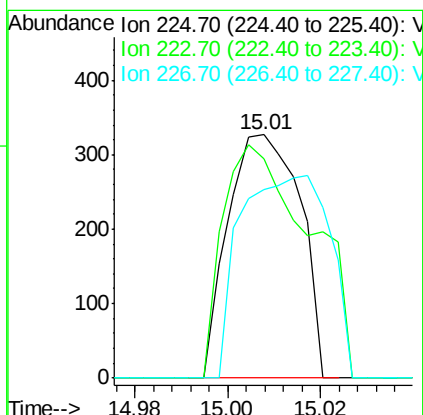
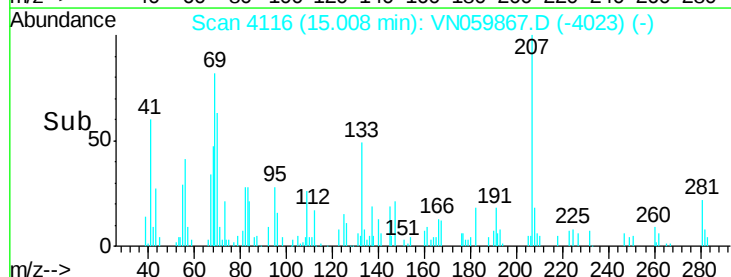
227 102.8 32.1 96.5#

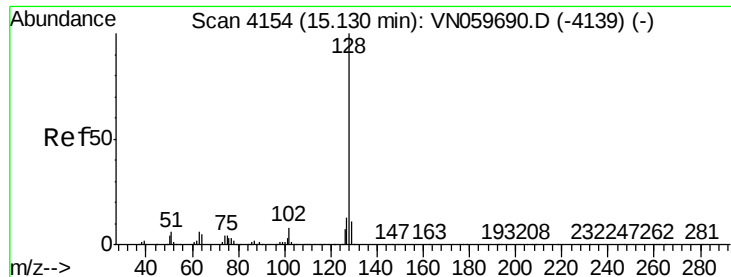


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.42 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-012420ME

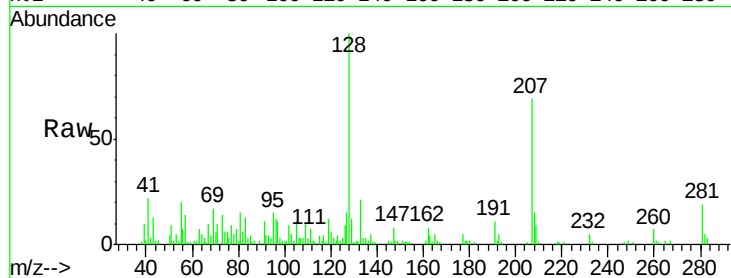
Tgt Ion:128 Resp: 36912

Ion Ratio Lower Upper

128 100

127 15.1 10.4 15.6

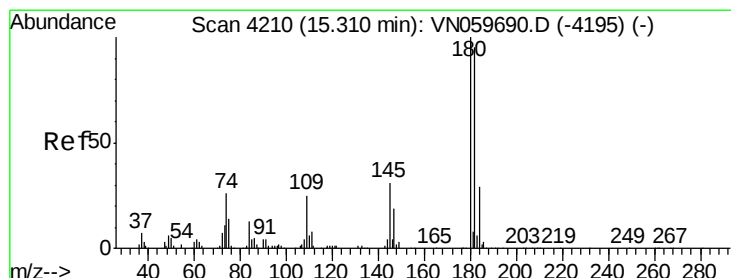
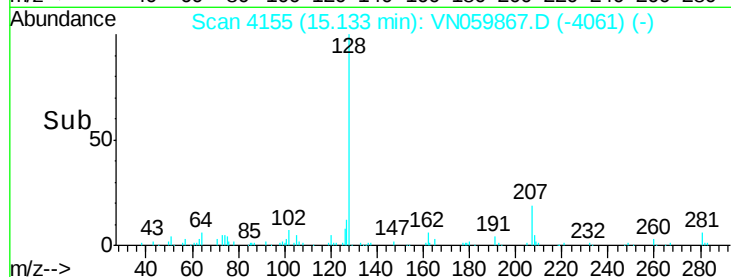
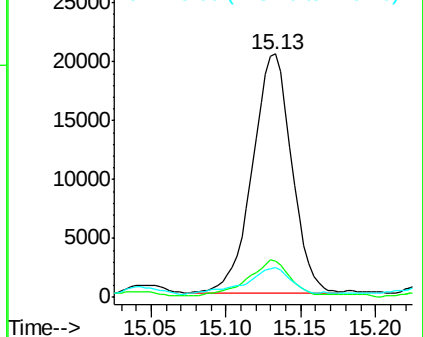
129 13.2 8.6 12.8#



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: 1.31 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

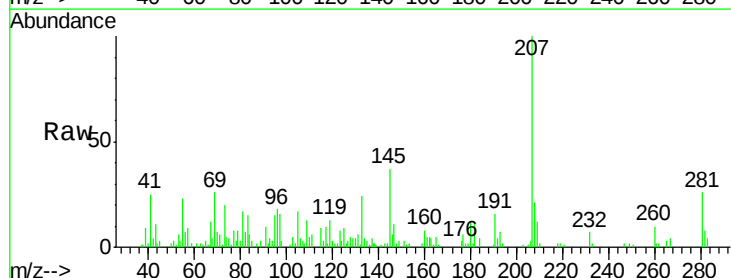
Tgt Ion:180 Resp: 3051

Ion Ratio Lower Upper

180 100

182 83.0 47.4 142.3

145 0.0 16.3 48.9#



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

