

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 15:58:41 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	104322	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
35) Dibromofluoromethane	7.56	113	88154	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
50) Toluene-d8	10.08	98	346089	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	119643	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	

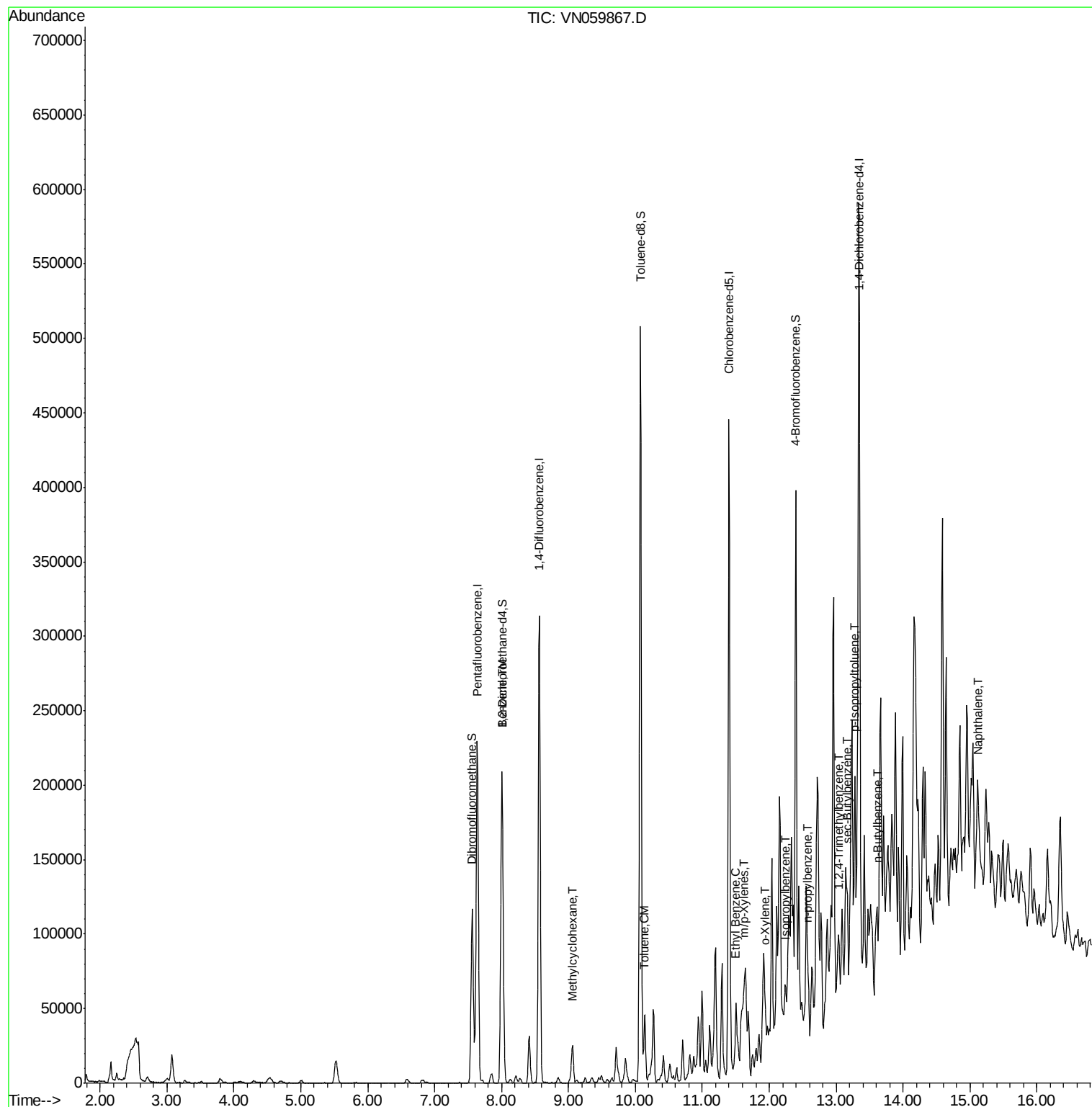
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.06	83	11491	3.622	ug/l	91
40) Benzene	8.01	78	121672	15.857	ug/l	99
52) Toluene	10.14	92	16763	3.459	ug/l	97
67) Ethyl Benzene	11.50	91	32294	3.514	ug/l	99
68) m/p-Xylenes	11.62	106	11444	3.297	ug/l	98
69) o-Xylene	11.94	106	3607	1.061	ug/l	85
73) Isopropylbenzene	12.25	105	13625	1.487	ug/l	97
78) n-propylbenzene	12.59	91	31977	3.109	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	10287	1.349	ug/l	99
85) sec-Butylbenzene	13.17	105	21766	2.486	ug/l #	77
86) p-Isopropyltoluene	13.29	119	8302	1.025	ug/l	94
89) n-Butylbenzene	13.61	91	25671	3.716	ug/l	96
95) Naphthalene	15.13	128	36912	5.420	ug/l #	94

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

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





#1

Pentafluorobenzene

Concen: 50.000 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 :

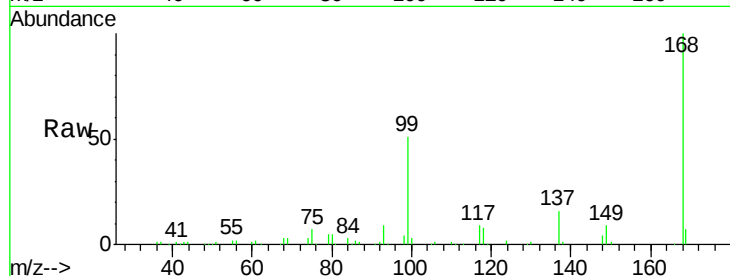
CL-02-012420ME

Tot Ion:168 Resp: 197391

Ion Ratio Lower Upper

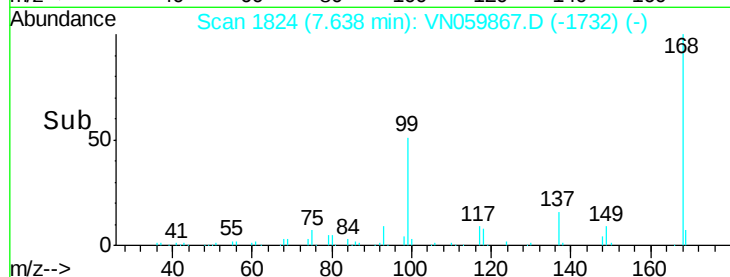
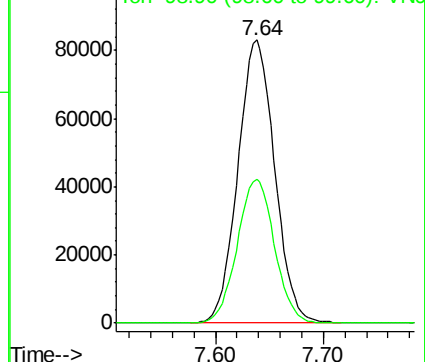
168 100

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



#33

1,2-Dichloroethane-d4

Concen: 47.590 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VN059867.D

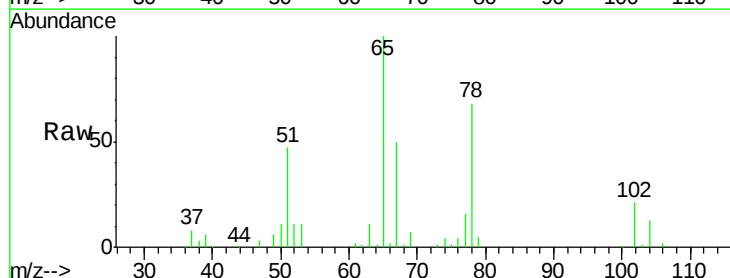
Acq: 27 Jan 2020 13:05

Tgt Ion: 65 Resp: 104322

Ion Ratio Lower Upper

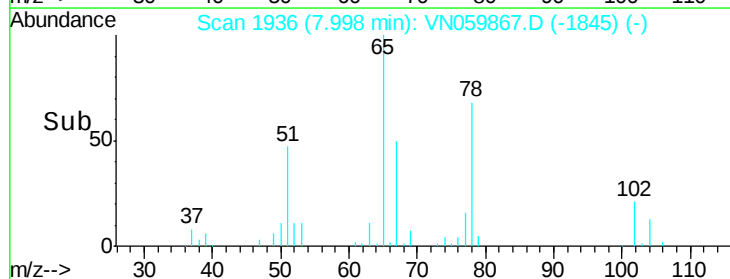
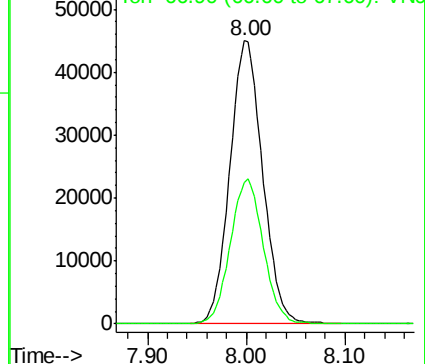
65 100

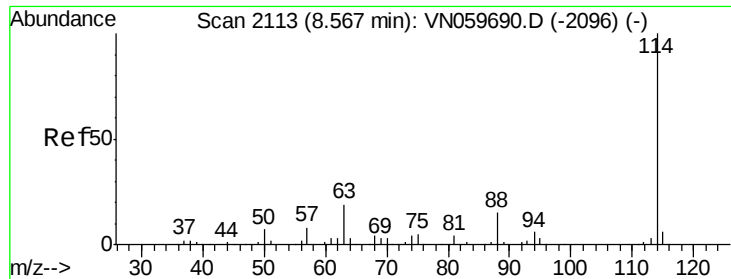
67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

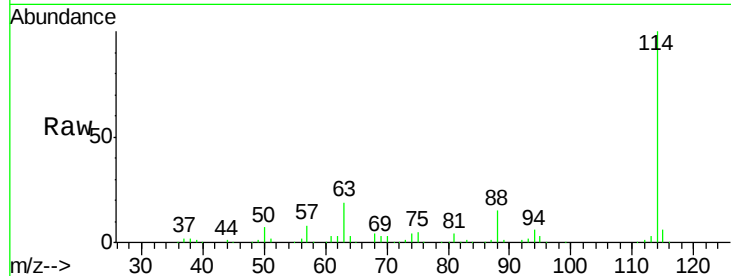




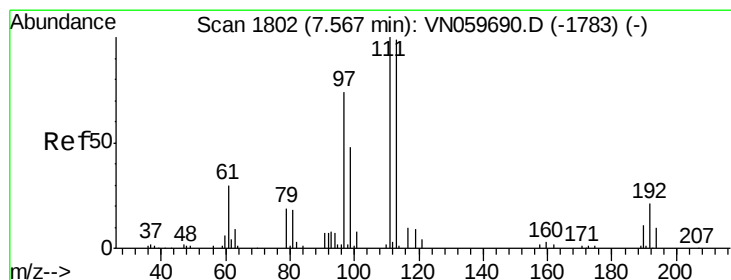
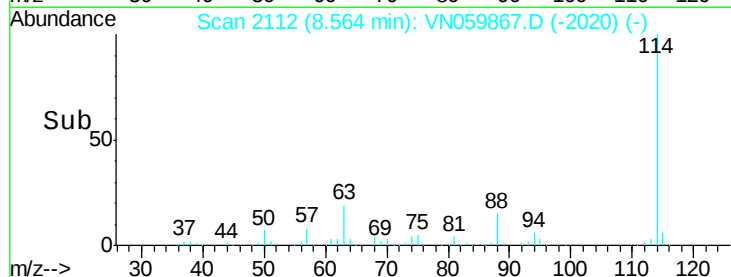
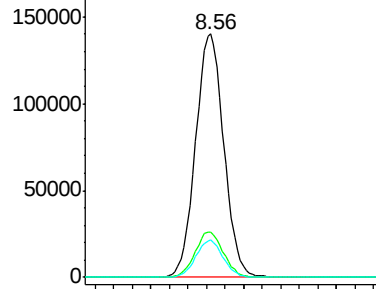
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
CL-02-012420ME

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

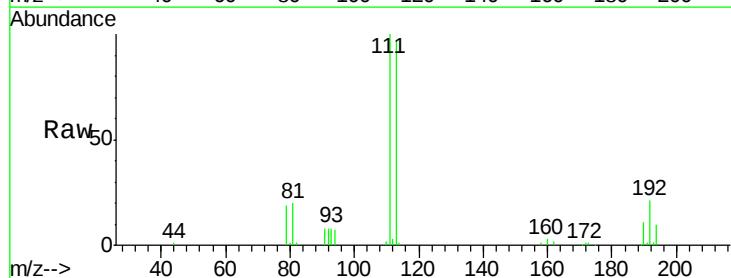


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

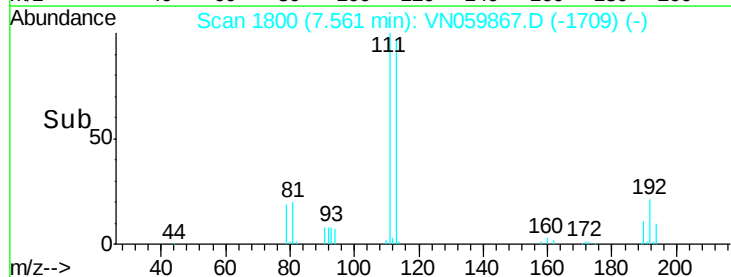
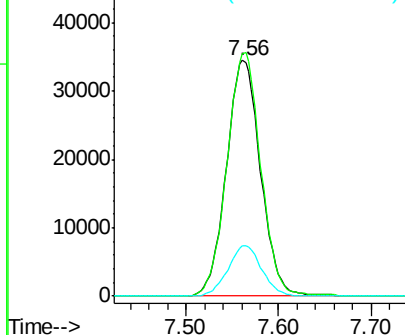


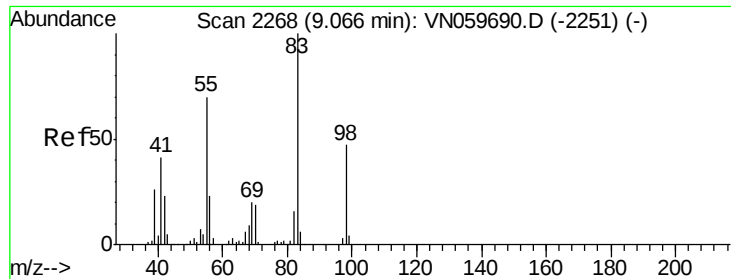
#35
Dibromofluoromethane
Concen: 50.035 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. -0.01 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

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

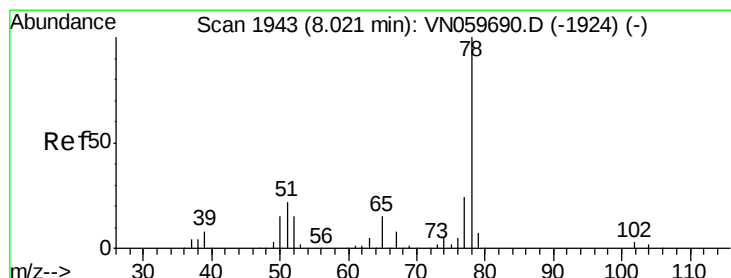
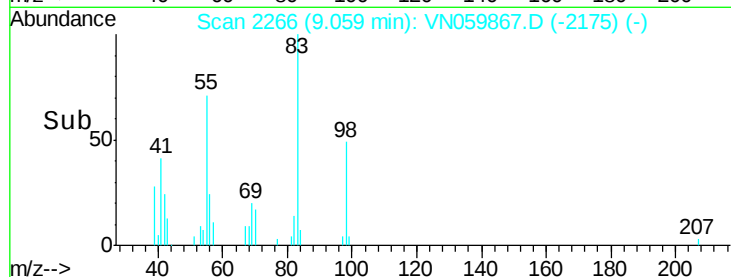
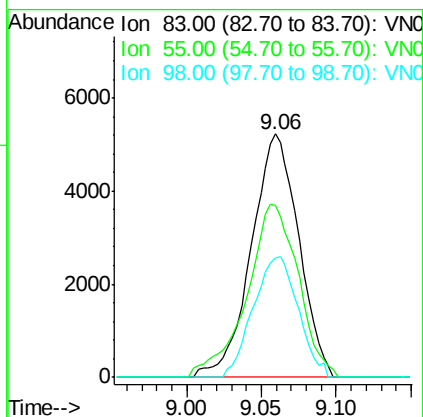
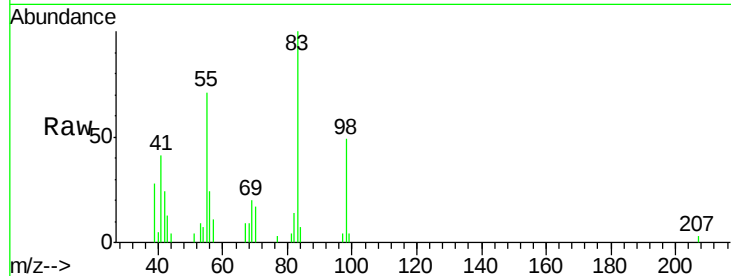




#39
Methvlcvclohexane
Concen: 3.622 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

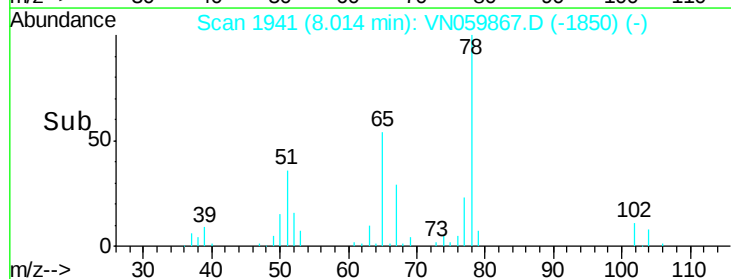
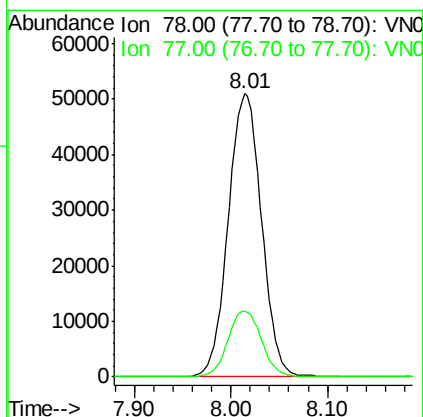
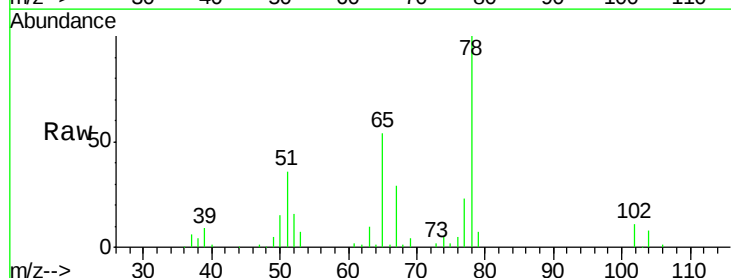
Instrument :
MSVOA_N
ClientSampleId :
CL-02-012420ME

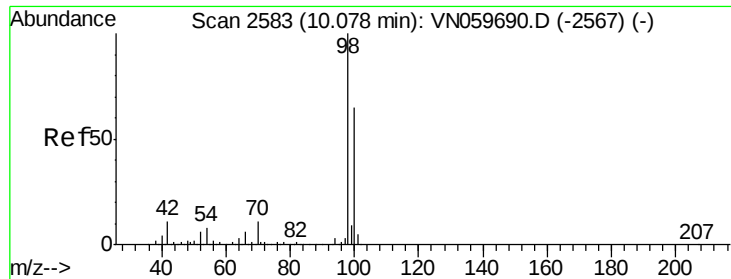
Tot Ion: 83 Resp: 11491
Ion Ratio Lower Upper
83 100
55 70.6 64.2 96.2
98 49.2 35.9 53.9



#40
Benzene
Concen: 15.857 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

Tgt Ion: 78 Resp: 121672
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3

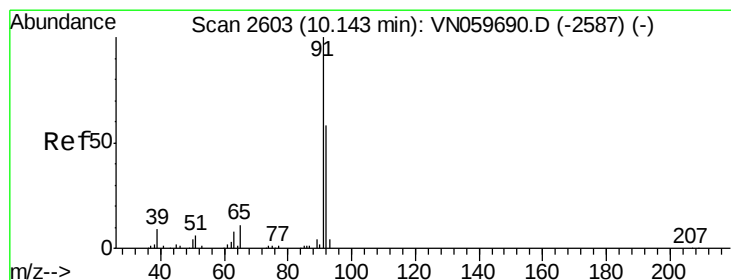
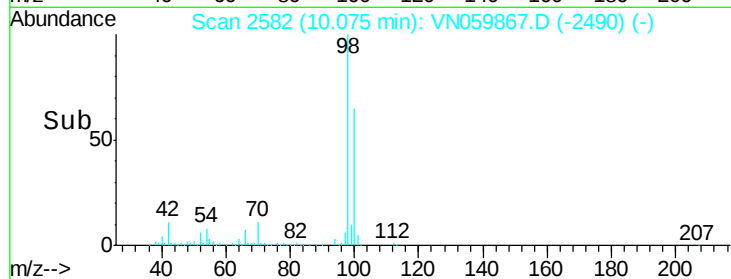
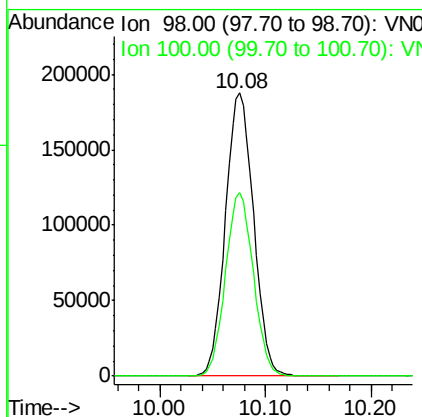
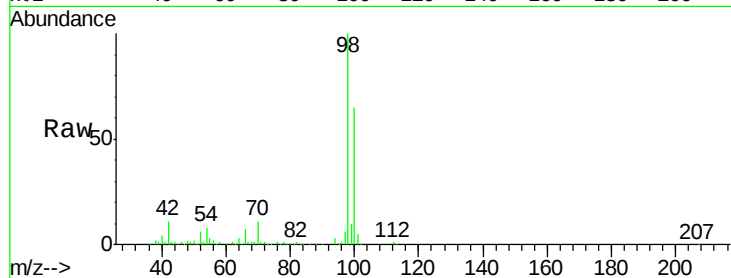




#50
Toluene-d8
Concen: 50.699 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

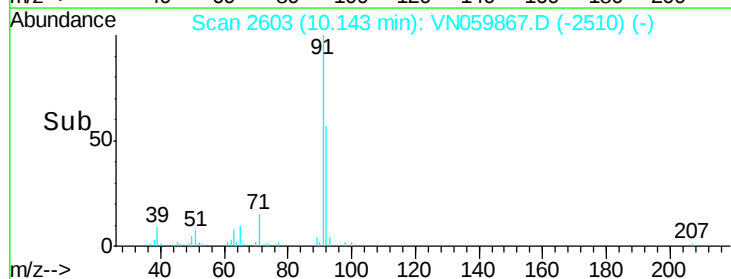
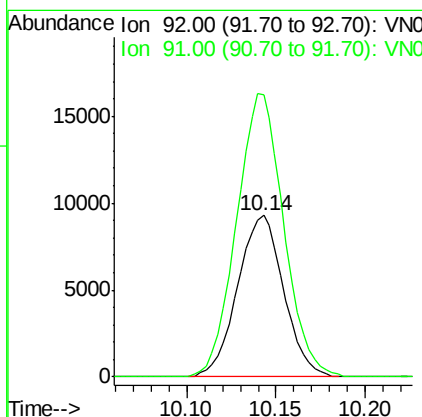
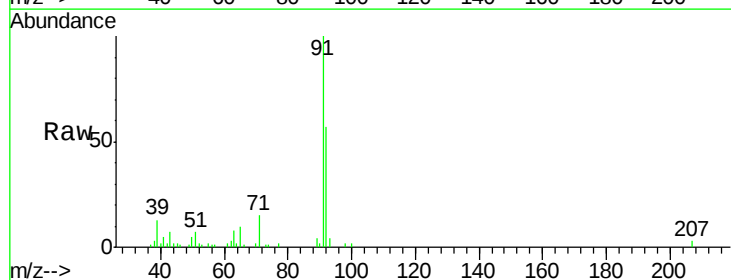
Instrument :
MSVOA_N
ClientSampleId :
CL-02-012420ME

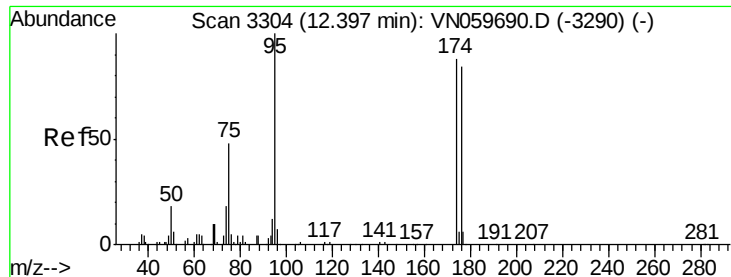
Tot Ion: 98 Resp: 346089
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#52
Toluene
Concen: 3.459 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

Tgt Ion: 92 Resp: 16763
Ion Ratio Lower Upper
92 100
91 179.2 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 48.618 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

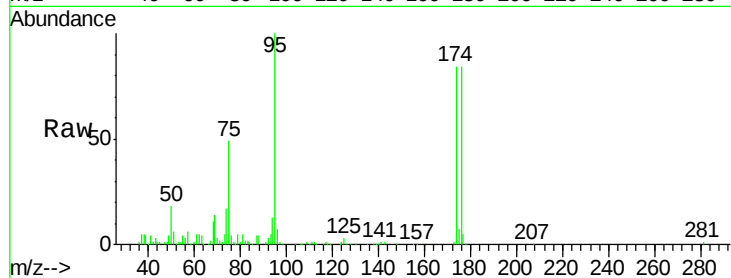
Tot Ion: 95 Resp: 119643

Ion Ratio Lower Upper

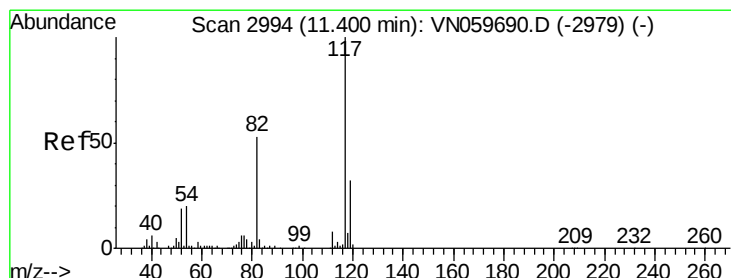
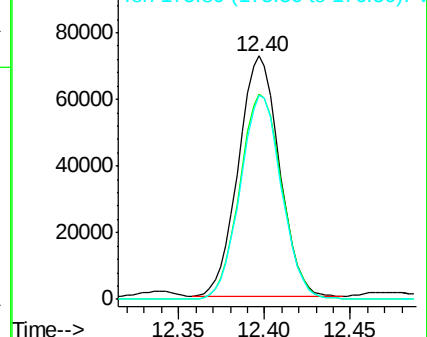
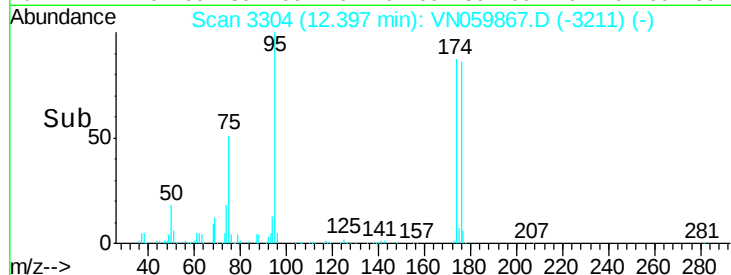
95 100

174 87.6 0.0 151.4

176 85.3 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059867.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

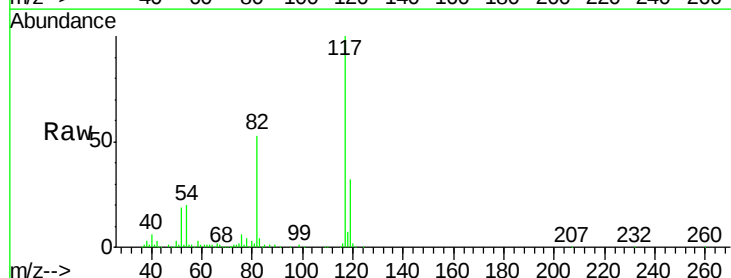
Tgt Ion: 117 Resp: 257539

Ion Ratio Lower Upper

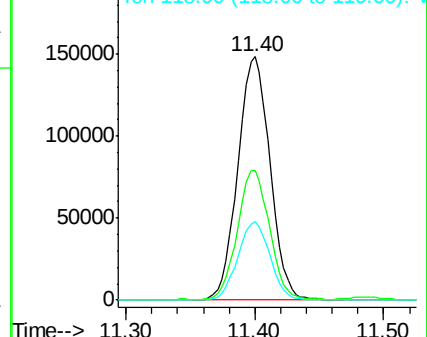
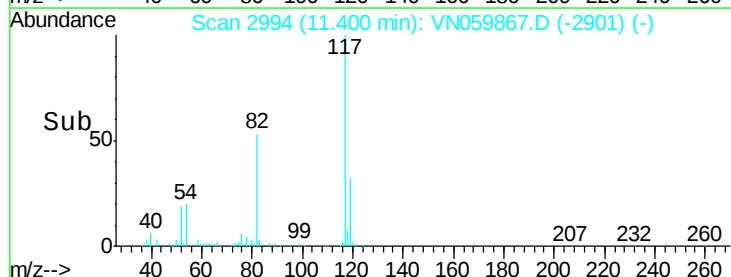
117 100

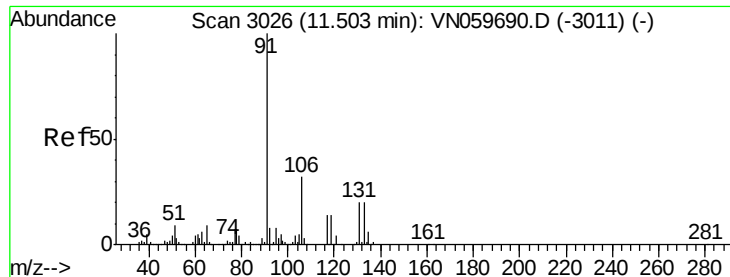
82 53.0 45.9 68.9

119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN059867.D (-2901) (-)

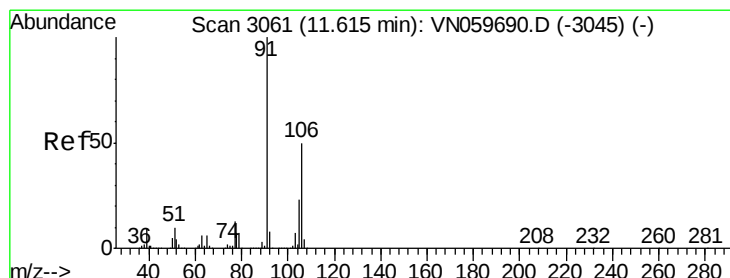
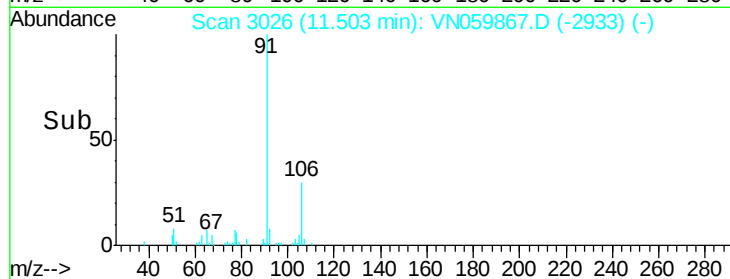
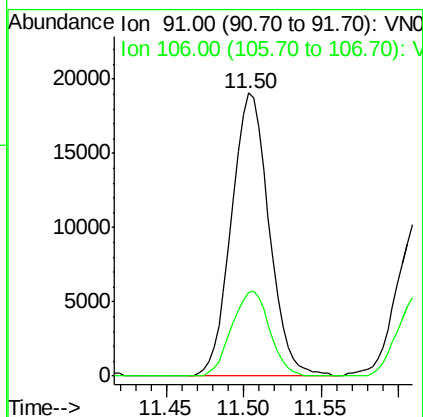
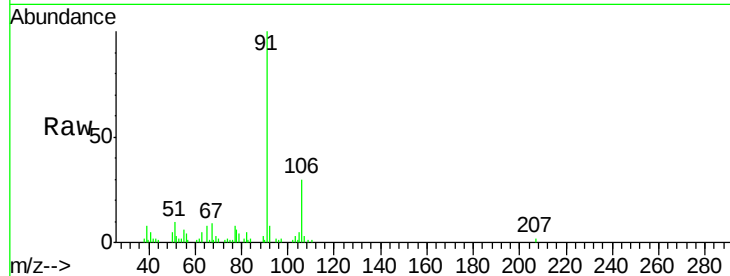




#67
Ethyl Benzene
Concen: 3.514 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

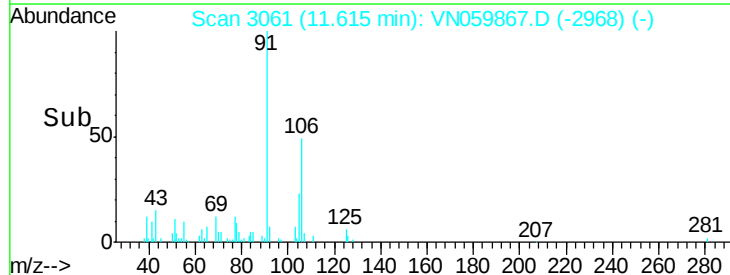
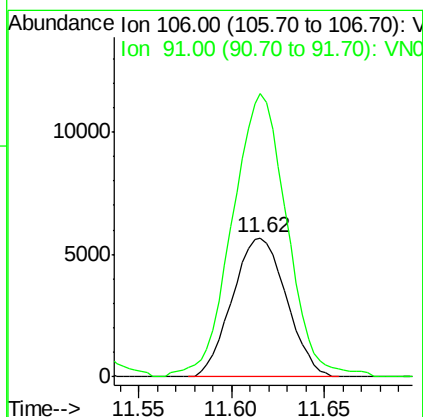
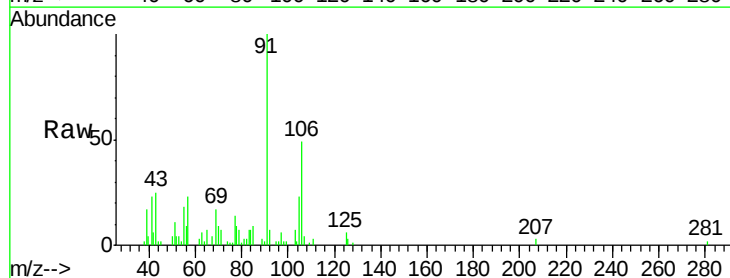
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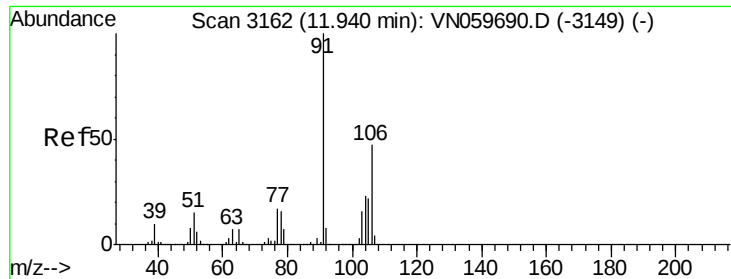
Tot Ion: 91 Resp: 32294
Ion Ratio Lower Upper
91 100
106 29.7 24.1 36.1



#68
m/p-Xylenes
Concen: 3.297 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

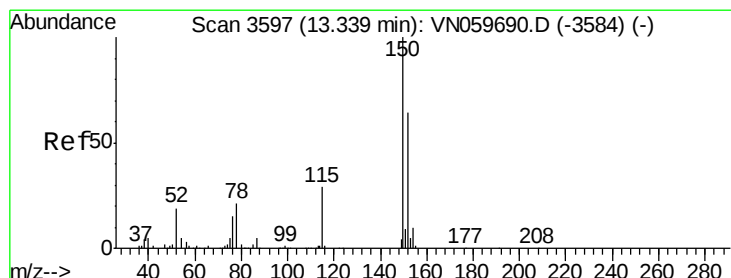
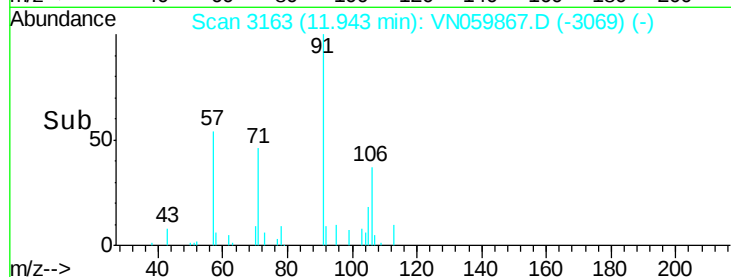
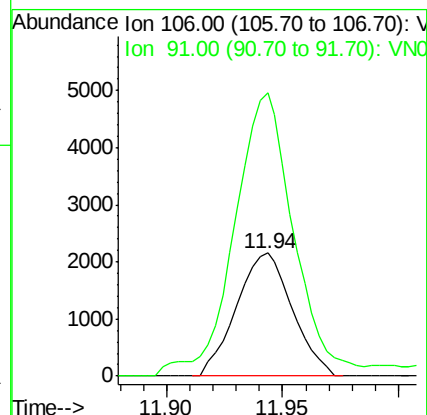
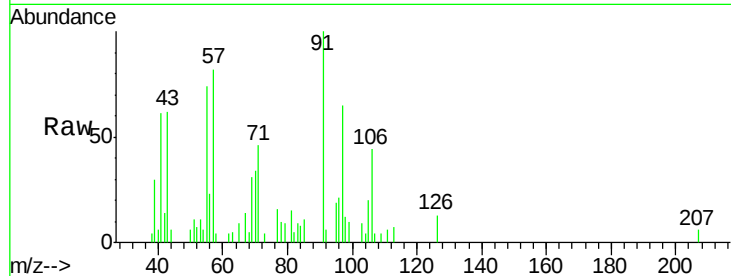




#69
o-Xylene
Concen: 1.061 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

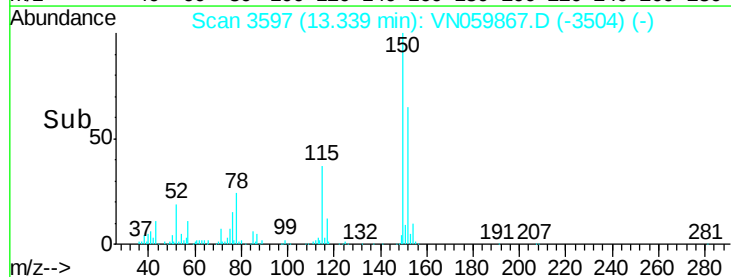
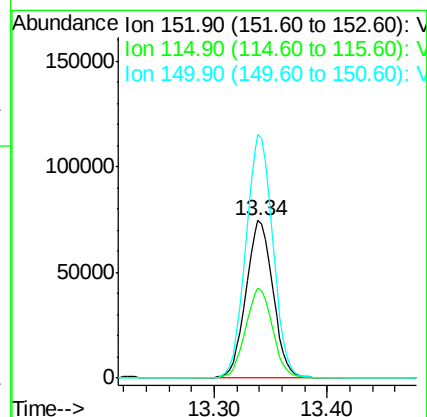
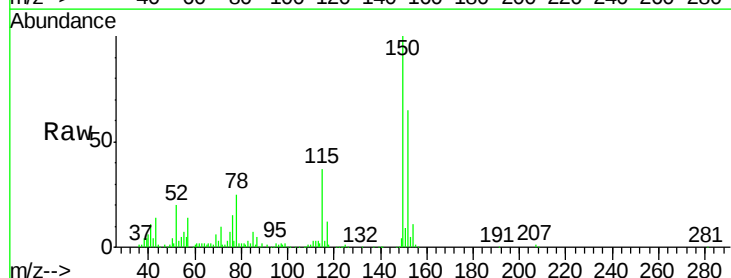
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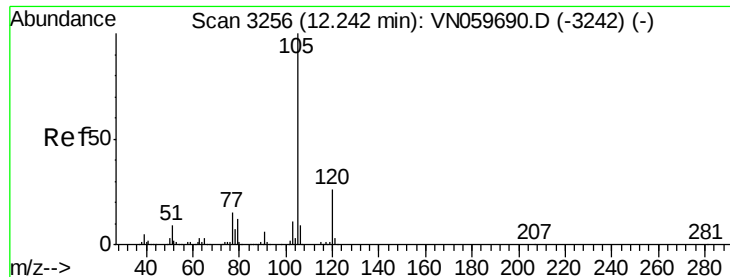
Tot Ion:106 Resp: 3607
Ion Ratio Lower Upper
106 100
91 244.0 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059867.D
Acq: 27 Jan 2020 13:05

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





#73

Isopropylbenzene

Concen: 1.487 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059867.D

Acq: 27 Jan 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

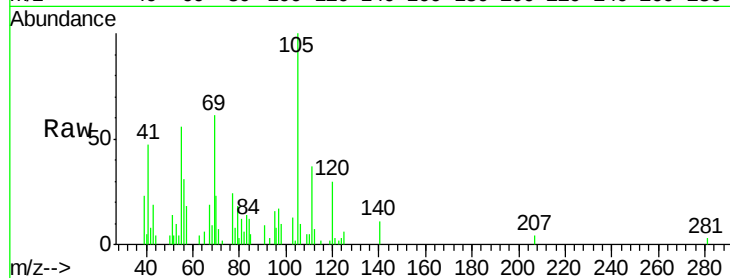
CL-02-012420ME

Tot 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

12.25

8000

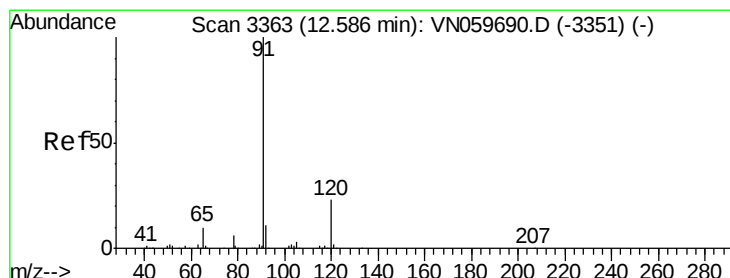
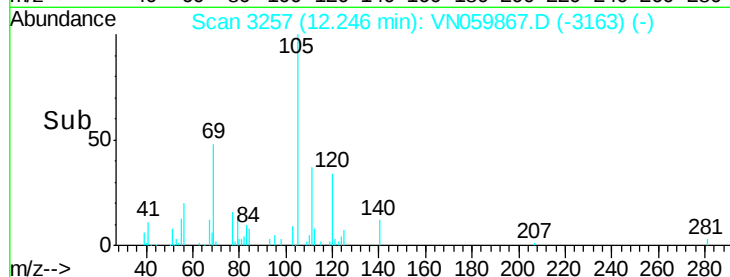
6000

4000

2000

0

Time--> 12.20 12.25 12.30



#78

n-propylbenzene

Concen: 3.109 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059867.D

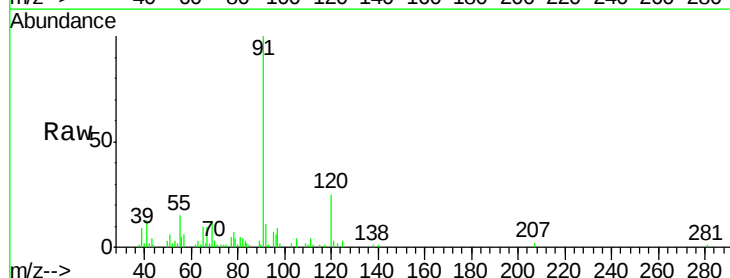
Acq: 27 Jan 2020 13:05

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): V

Ion 120.00 (119.70 to 120.70): V

12.59

20000

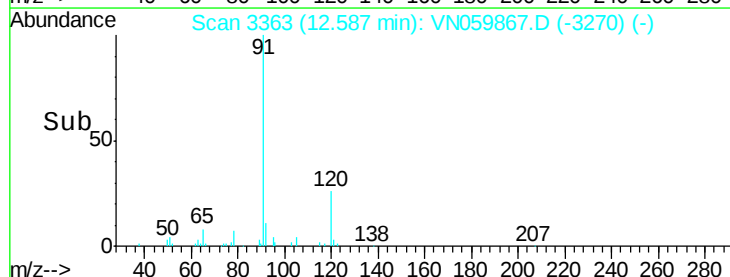
15000

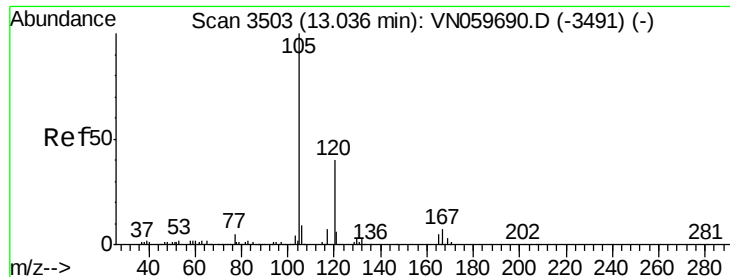
10000

5000

0

Time--> 12.50 12.55 12.60 12.65

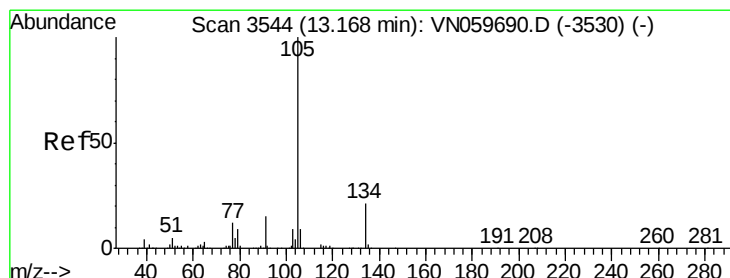
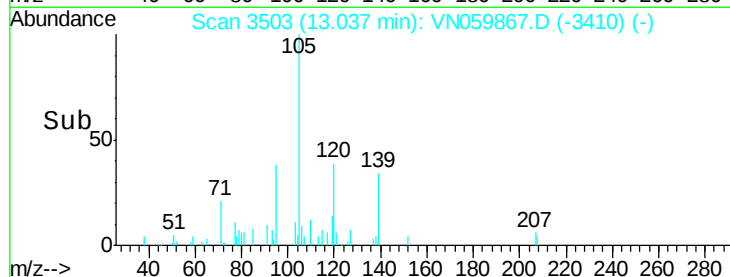
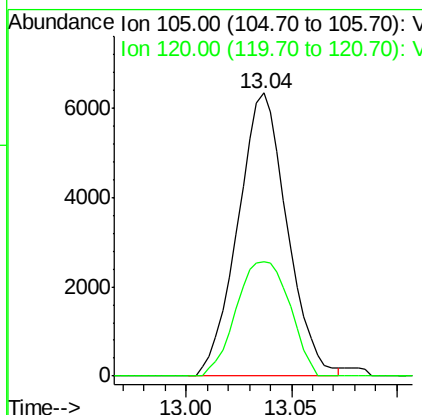
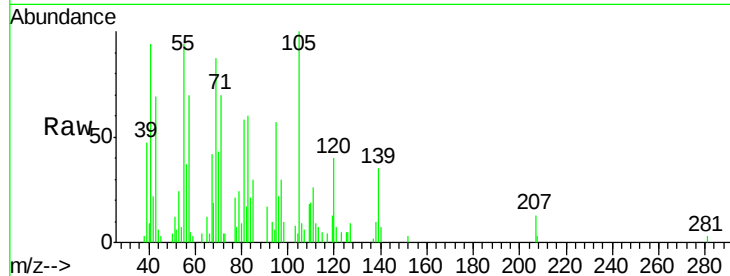




#84
 1,2,4-Trimethylbenzene
 Concen: 1.349 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

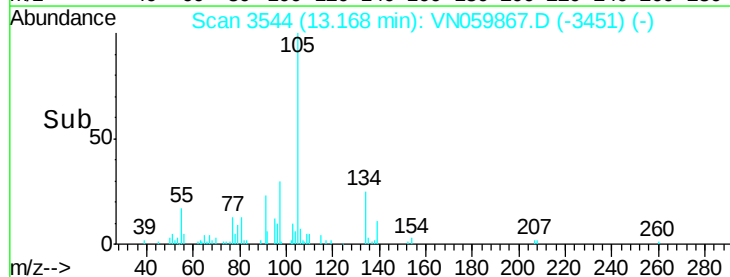
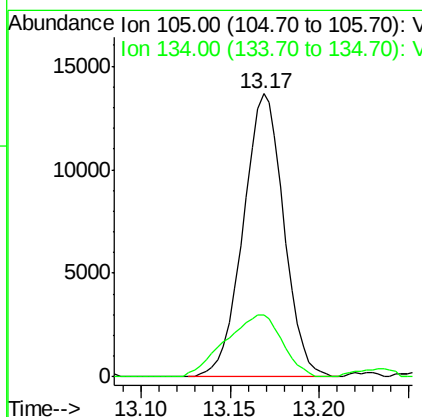
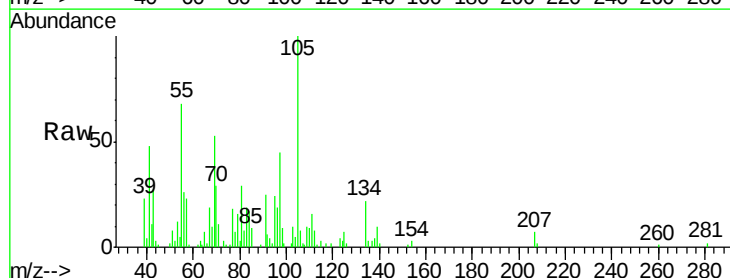
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-012420ME

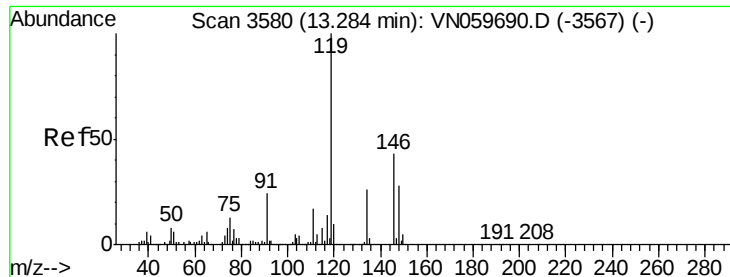
Tot Ion:105 Resp: 10287
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.3 66.9



#85
 sec-Butylbenzene
 Concen: 2.486 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

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

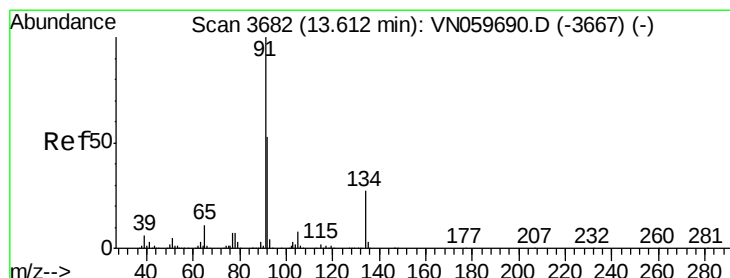
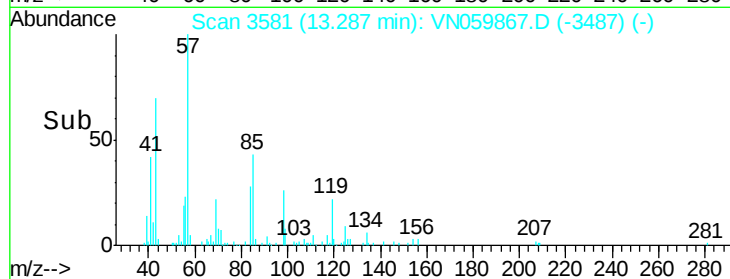
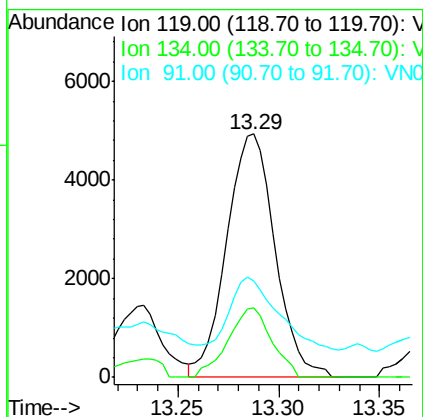
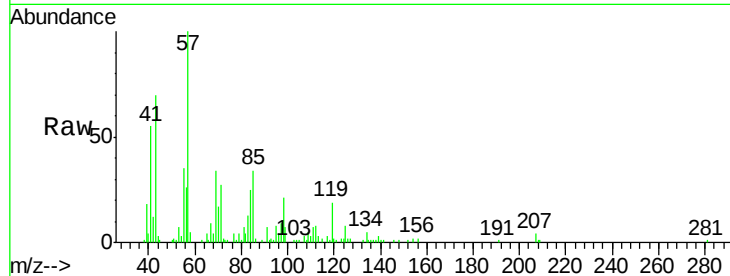




#86
 p-Isopropyltoluene
 Concen: 1.025 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059867.D
 Acq: 27 Jan 2020 13:05

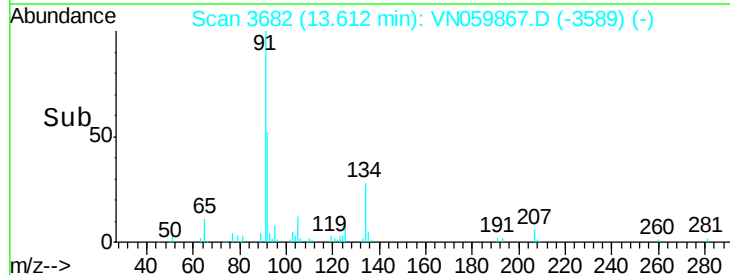
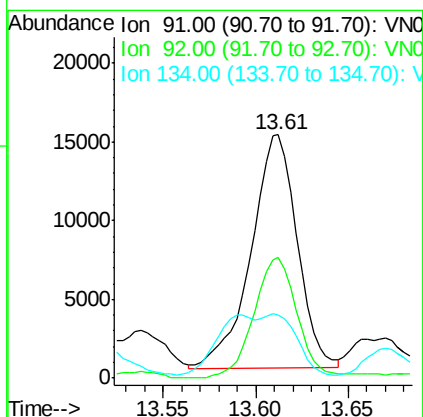
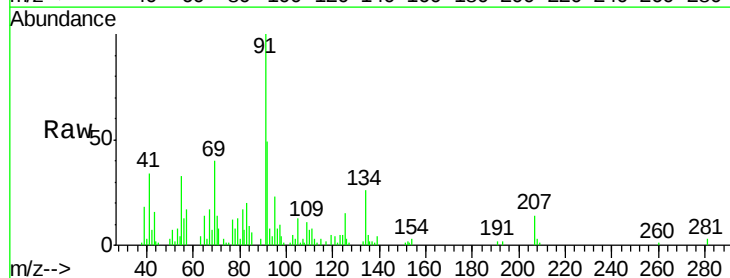
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-012420ME

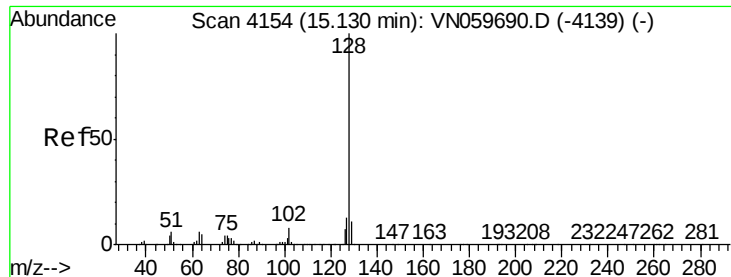
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.7
91	30.5	12.4	37.4



#89
 n-Butylbenzene
 Concen: 3.716 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	Ratio	Lower	Upper
91	100		
92	49.7	25.9	77.7
134	21.0	12.3	36.8





#95

Naphthalene

Concen: 5.420 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

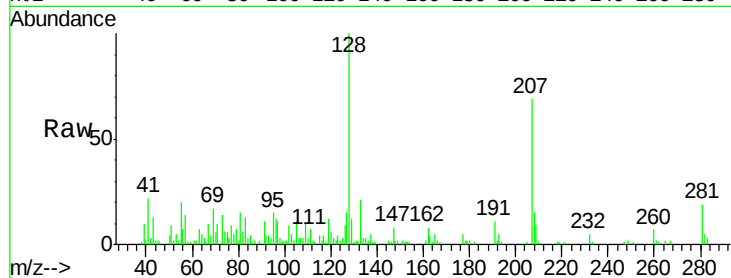
Tot Ion:128 Resp: 36912

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

