

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012720\
 Data File : VN059868.D
 Acq On : 27 Jan 2020 13:29
 Operator : JC/MD
 Sample : L1268-01ME
 Misc : 2.58g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30529ME

Quant Time: Jan 27 14:48:17 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	193367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	294544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	259950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123173	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	104323	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
35) Dibromofluoromethane	7.56	113	86786	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	10.08	98	345867	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.40	95	117973	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	

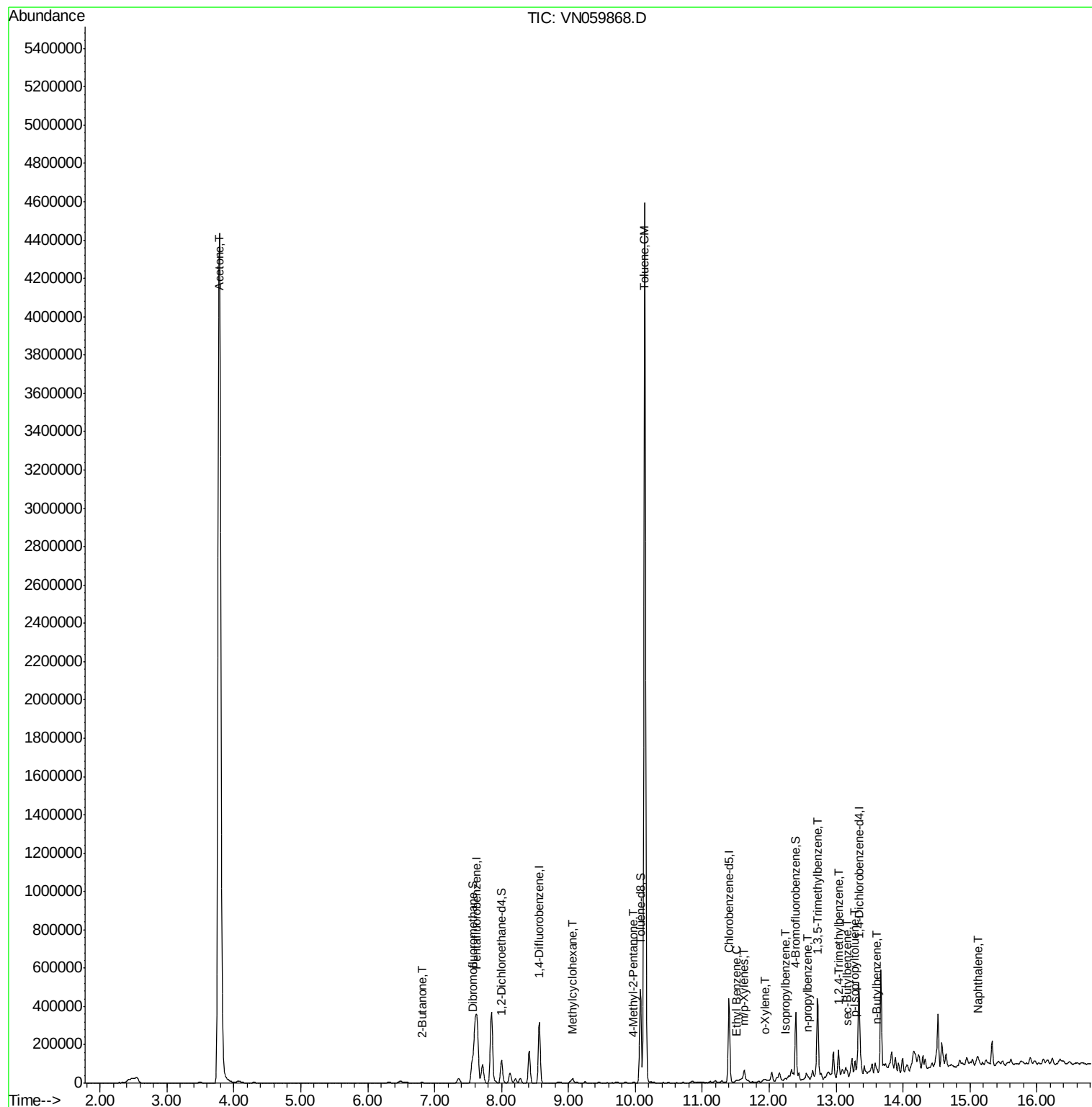
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	7766811	11036.325	ug/l #	70
25) 2-Butanone	6.81	43	7887	6.486	ug/l	94
39) Methylcyclohexane	9.06	83	10353	3.273	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	4315	1.804	ug/l	96
52) Toluene	10.14	92	2116081	437.936	ug/l	90
67) Ethyl Benzene	11.50	91	4005	0.432	ug/l	98
68) m/p-Xylenes	11.61	106	3573	1.020	ug/l	97
69) o-Xylene	11.95	106	1907	0.556	ug/l	92
73) Isopropylbenzene	12.25	105	2700	0.299	ug/l	94
78) n-propylbenzene	12.59	91	10544	1.040	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	18518	2.438	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	77281	10.282	ug/l	100
85) sec-Butylbenzene	13.17	105	11161	1.293	ug/l #	78
86) p-Isopropyltoluene	13.28	119	9718	1.217	ug/l	97
89) n-Butylbenzene	13.61	91	21351	3.135	ug/l #	80
95) Naphthalene	15.13	128	21219	3.160	ug/l #	91

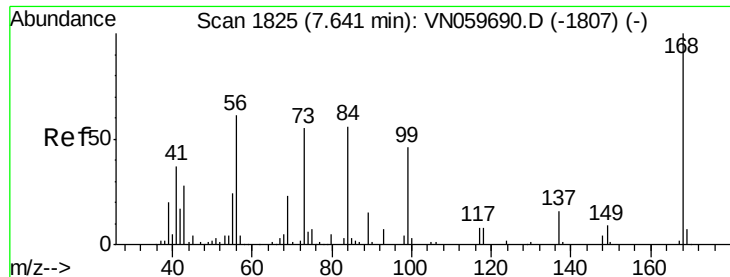
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059868.D

Acq: 27 Jan 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

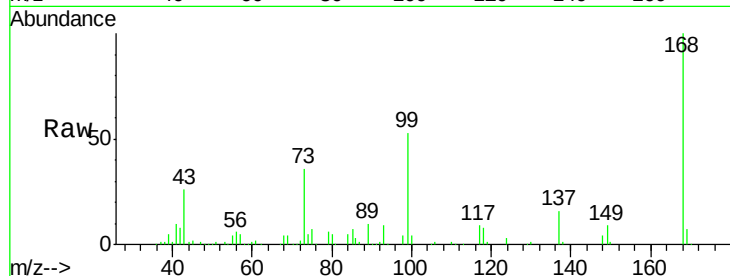
30529ME

Tot Ion:168 Resp: 193367

Ion Ratio Lower Upper

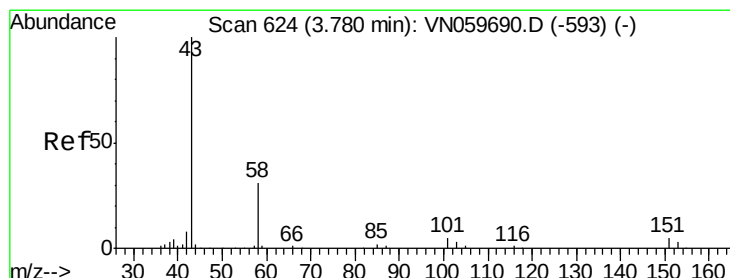
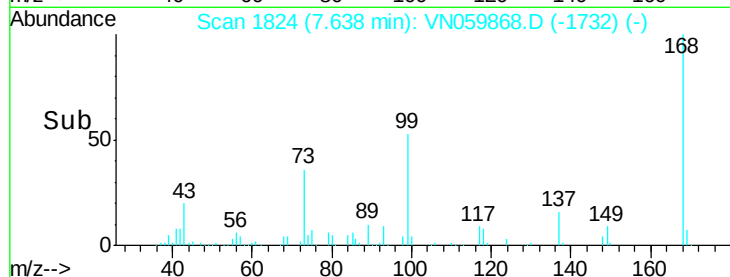
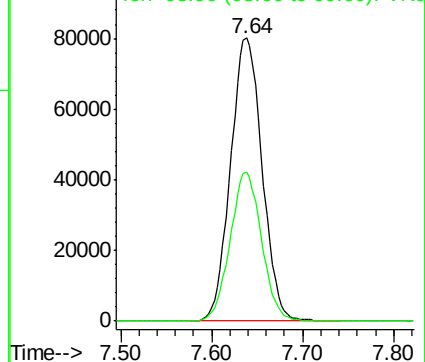
168 100

99 52.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 11036.325 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN059868.D

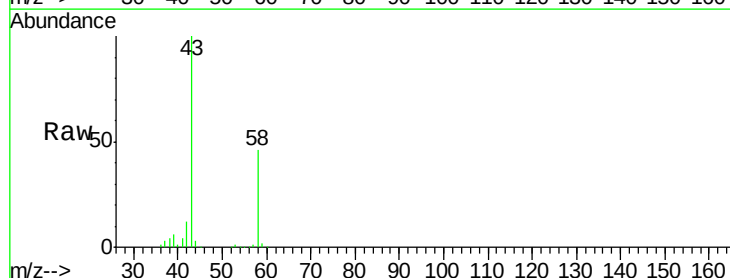
Acq: 27 Jan 2020 13:29

Tgt Ion: 43 Resp: 7766811

Ion Ratio Lower Upper

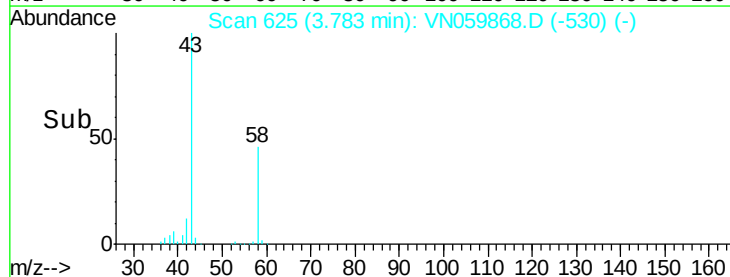
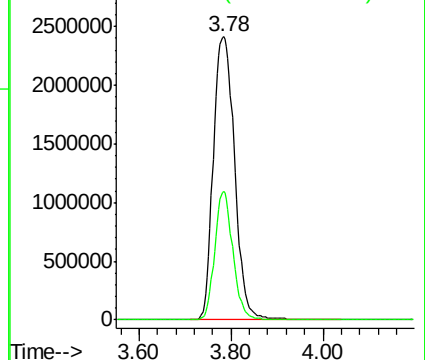
43 100

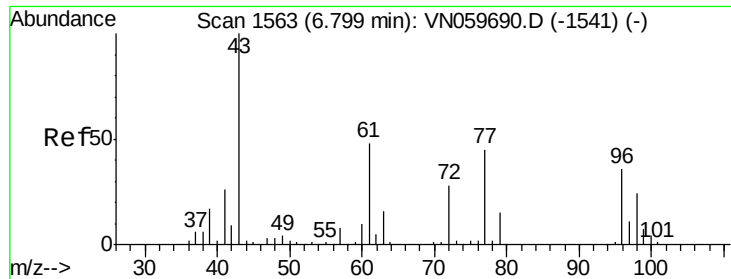
58 45.5 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

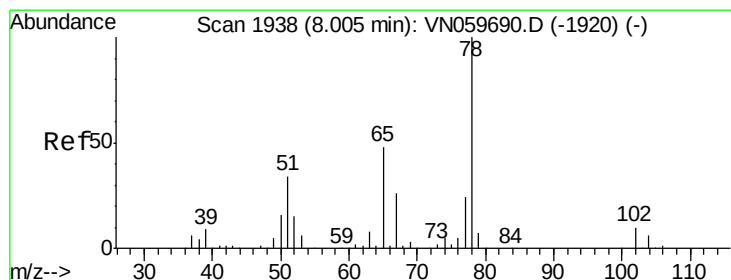
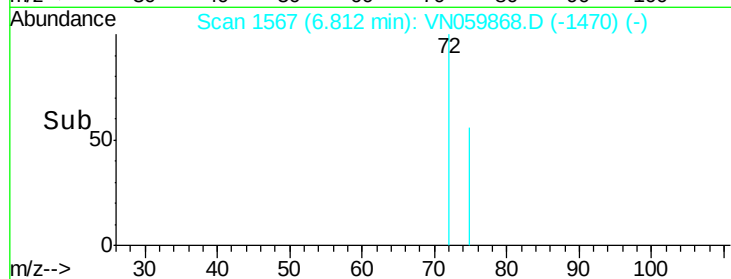
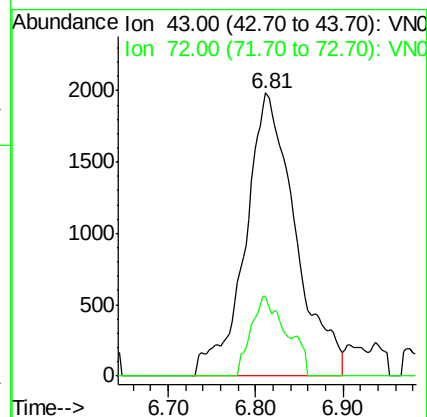
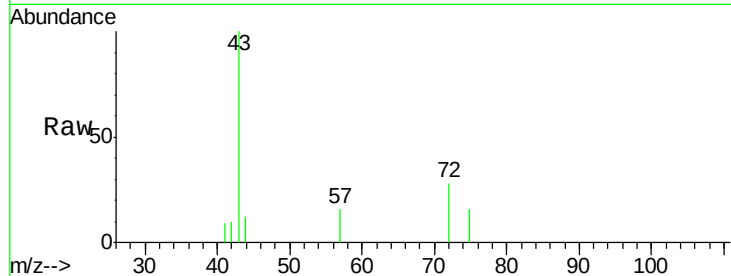




#25
2-Butanone
Concen: 6.486 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN059868.D
Acq: 27 Jan 2020 13:29

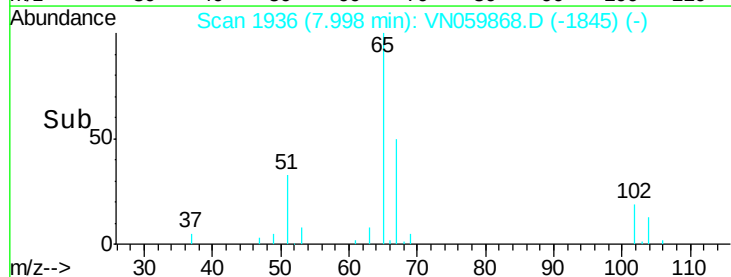
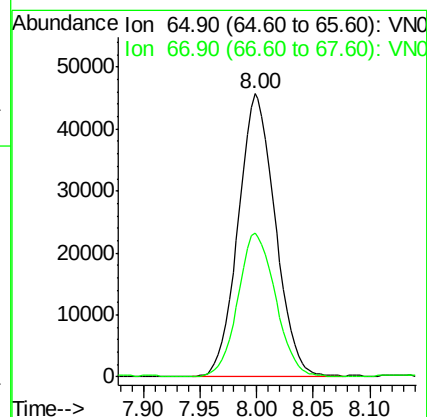
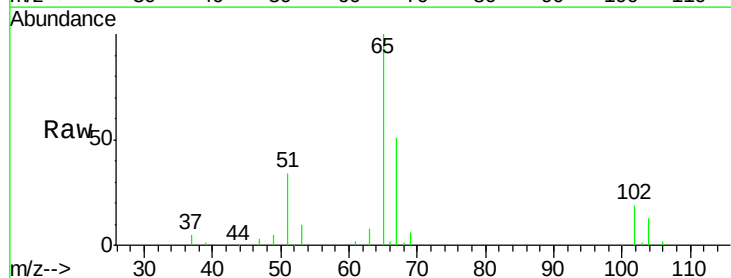
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30529ME

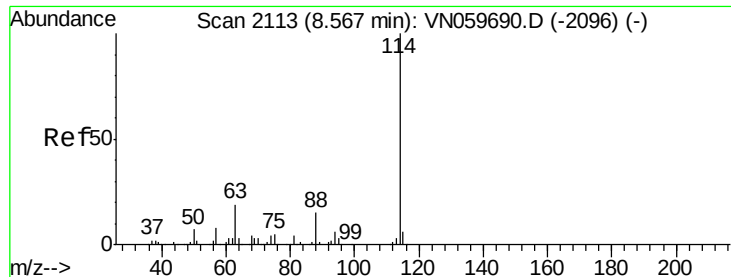
Tot Ion: 43 Resp: 7887
Ion Ratio Lower Upper
43 100
72 28.0 19.9 29.9



#33
1,2-Dichloroethane-d4
Concen: 48.581 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VN059868.D
Acq: 27 Jan 2020 13:29

Tgt Ion: 65 Resp: 104323
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

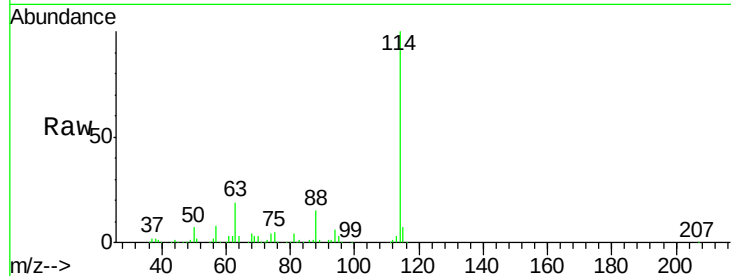




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059868.D
 Acq: 27 Jan 2020 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 30529ME

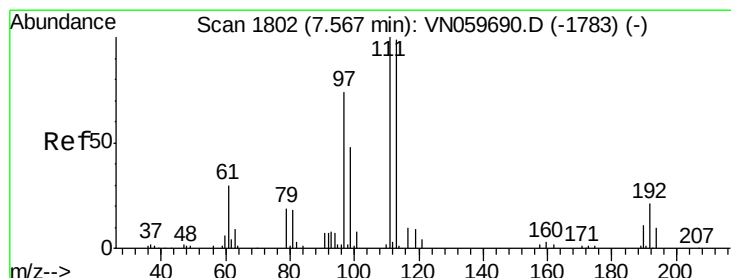
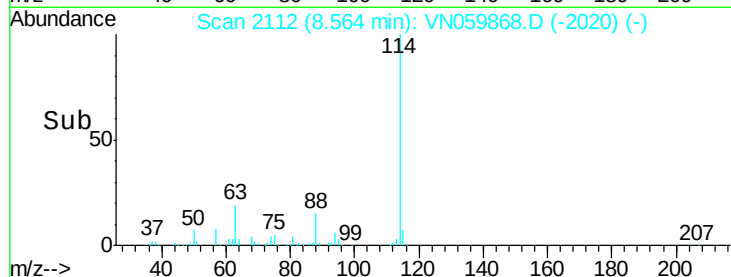
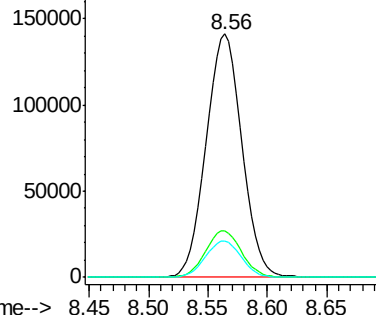
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.6
88	14.8	0.0	31.4



Abundance Ion 113.90 (113.60 to 114.60): V

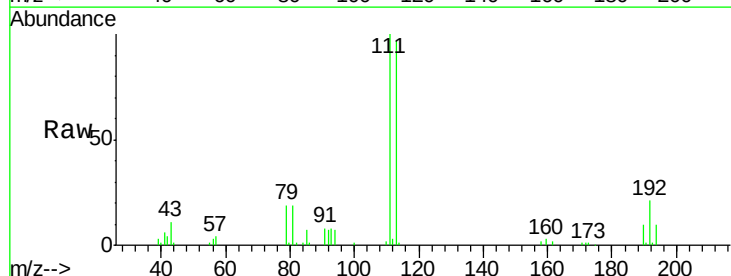
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 49.409 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059868.D
 Acq: 27 Jan 2020 13:29

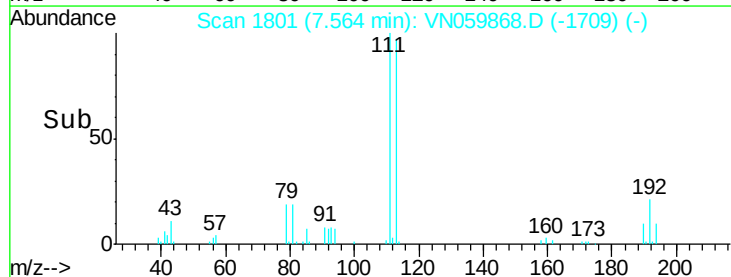
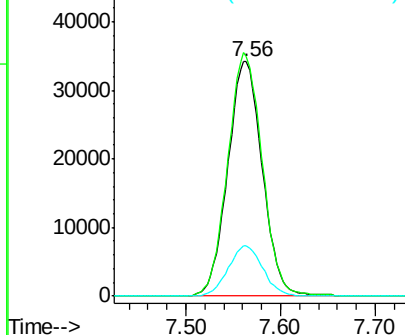
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.5	125.3
192	21.4	15.4	23.2

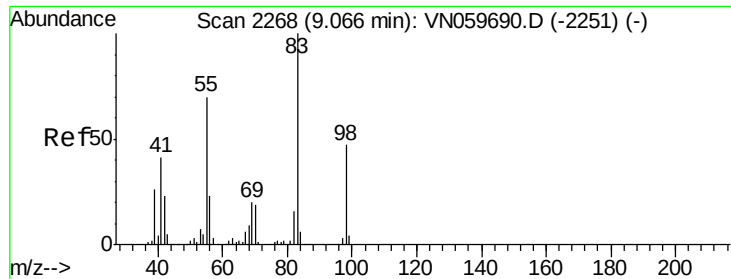


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

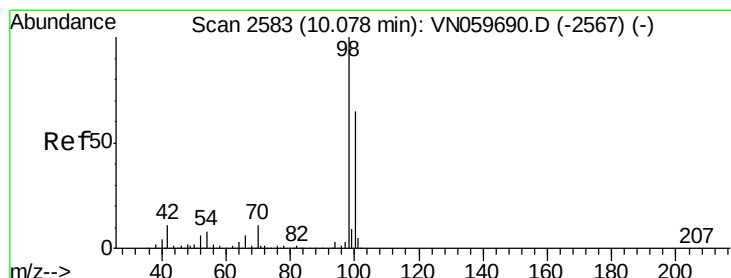
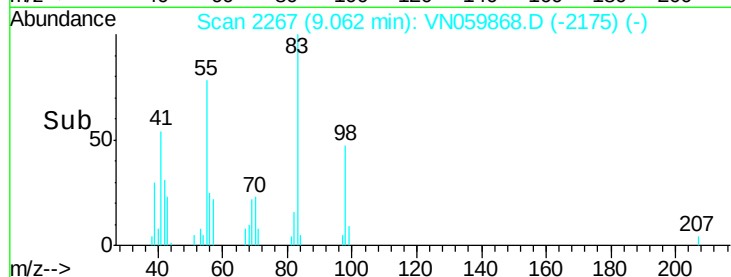
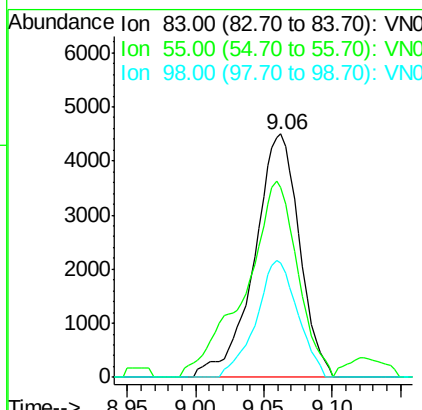
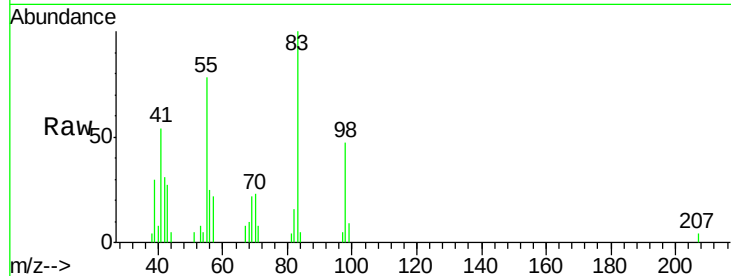




#39
Methylvlcyclohexane
Concen: 3.273 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059868.D
Acq: 27 Jan 2020 13:29

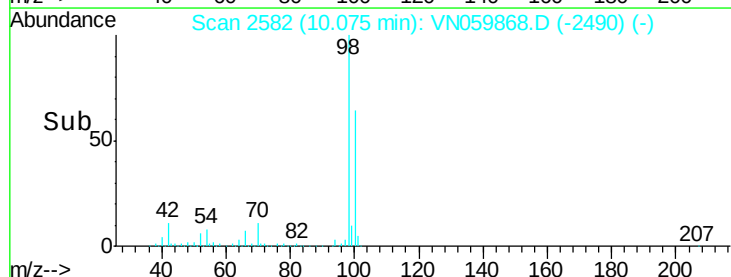
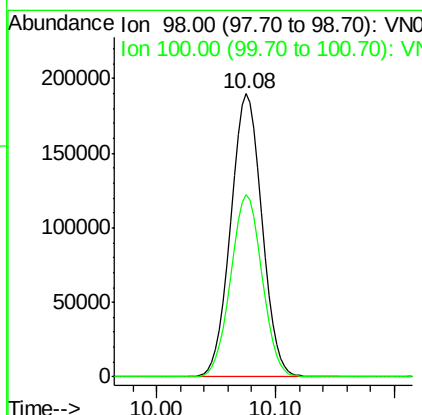
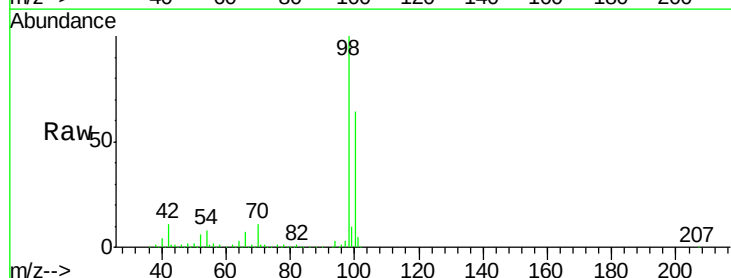
Instrument :
MSVOA_N
ClientSampleId :
30529ME

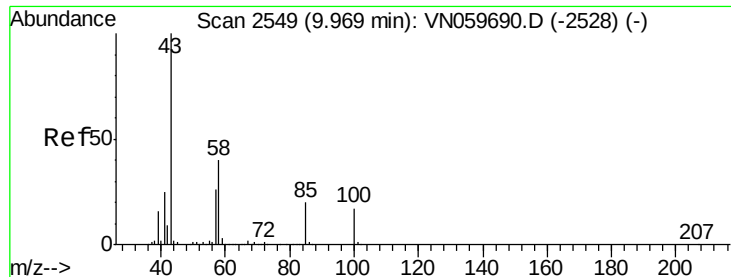
Tot Ion: 83 Resp: 10353
Ion Ratio Lower Upper
83 100
55 74.1 64.2 96.2
98 46.9 35.9 53.9



#50
Toluene-d8
Concen: 50.821 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059868.D
Acq: 27 Jan 2020 13:29

Tgt Ion: 98 Resp: 345867
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8

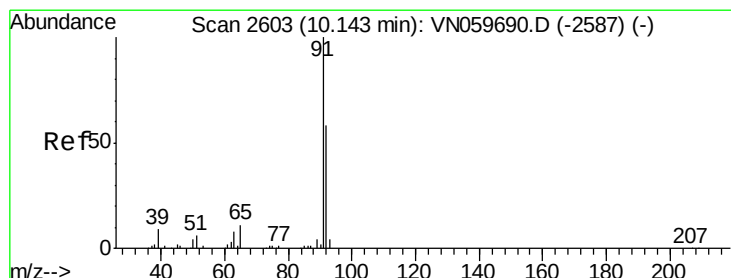
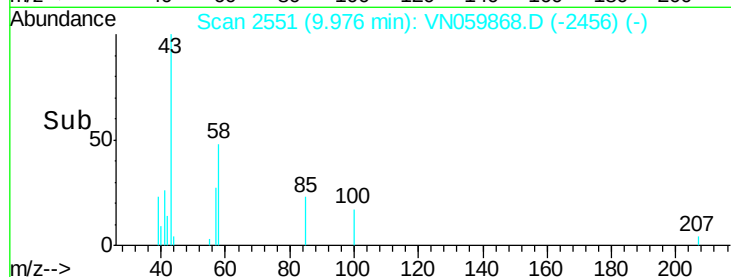
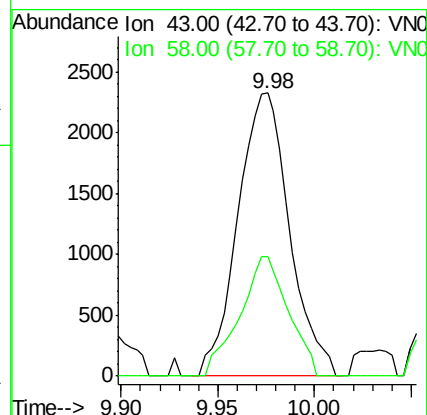
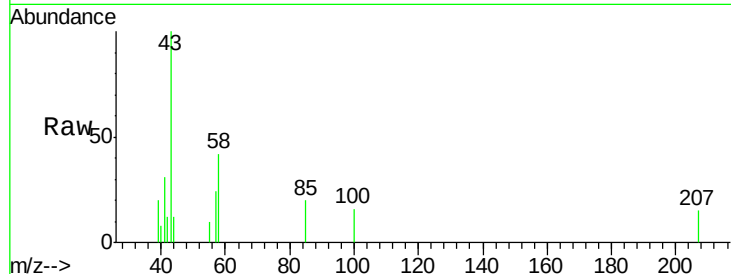




#51
 4-Methyl-2-Pentanone
 Concen: 1.804 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: VN059868.D
 Acq: 27 Jan 2020 13:29

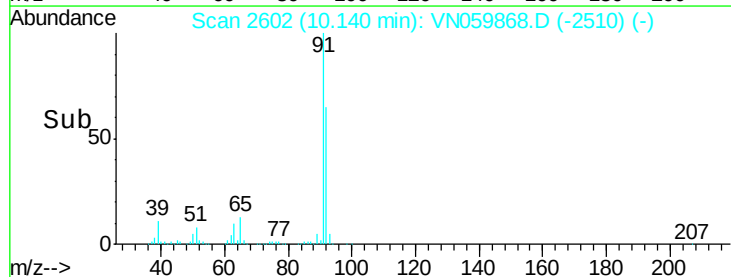
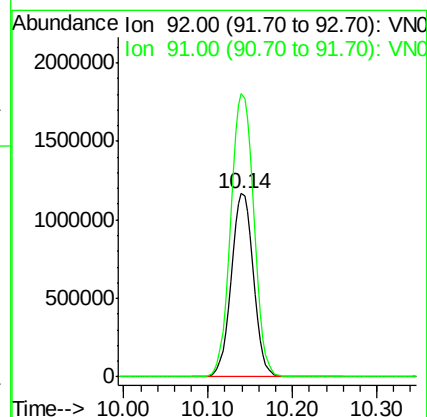
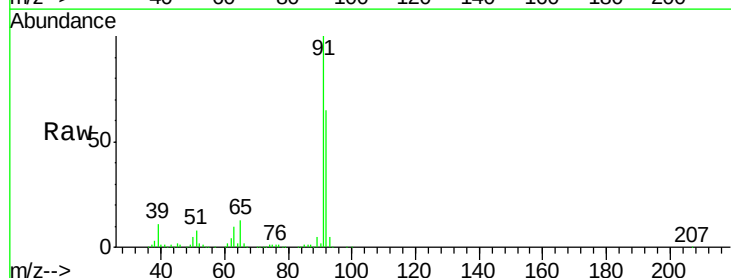
Instrument :
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 ClientSampled :
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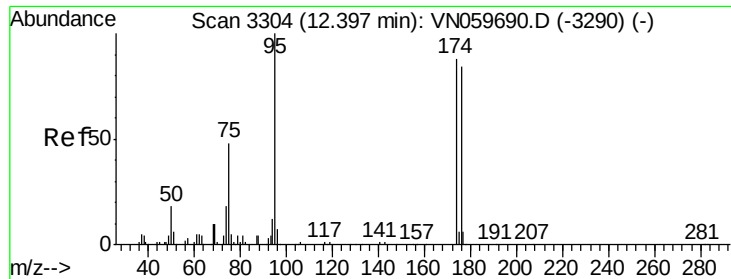
Tot Ion: 43 Resp: 4315
 Ion Ratio Lower Upper
 43 100
 58 39.7 29.8 44.8



#52
 Toluene
 Concen: 437.936 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN059868.D
 Acq: 27 Jan 2020 13:29

Tgt Ion: 92 Resp: 2116081
 Ion Ratio Lower Upper
 92 100
 91 162.1 140.4 210.6

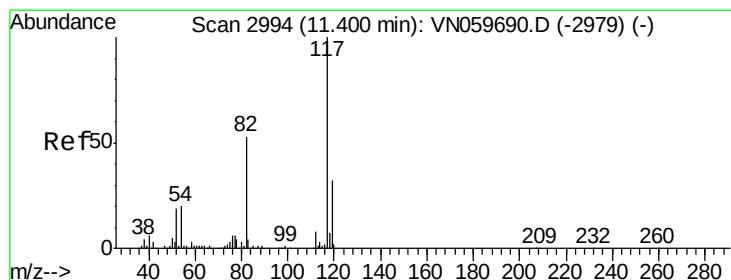
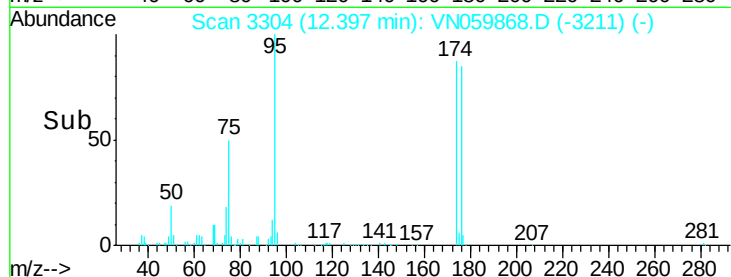
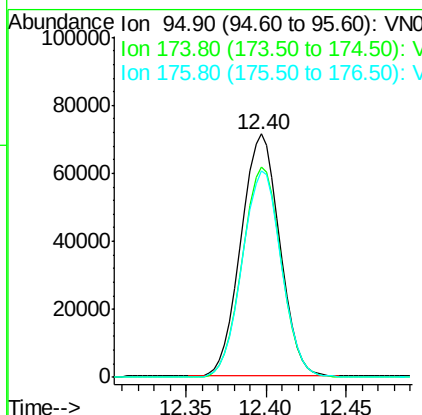
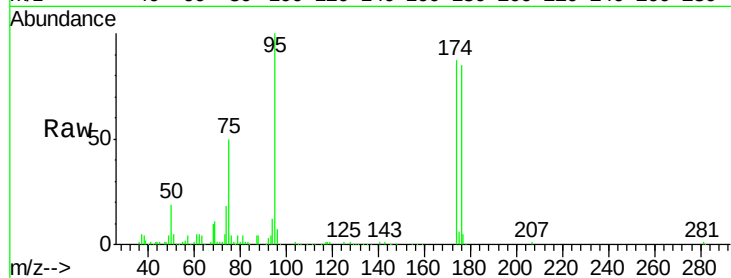




#62
4-Bromofluorobenzene
Concen: 48.086 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059868.D
Acq: 27 Jan 2020 13:29

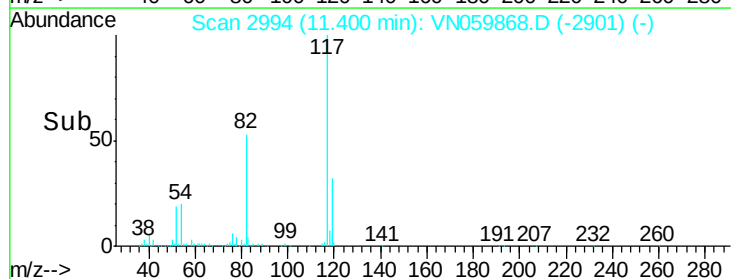
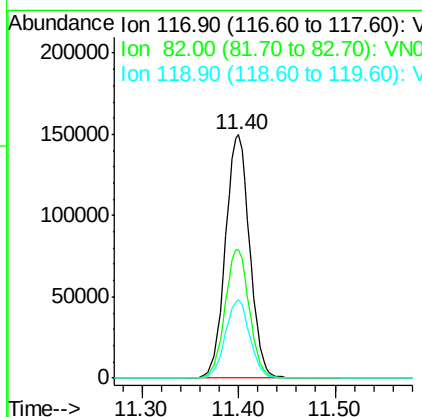
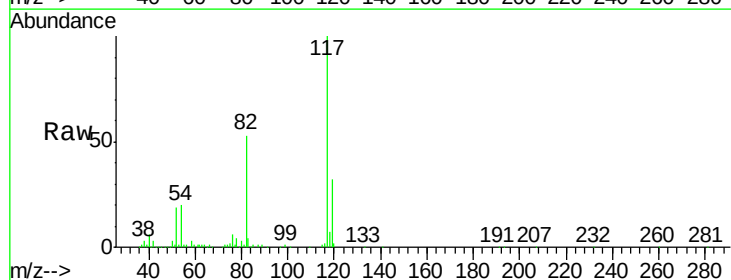
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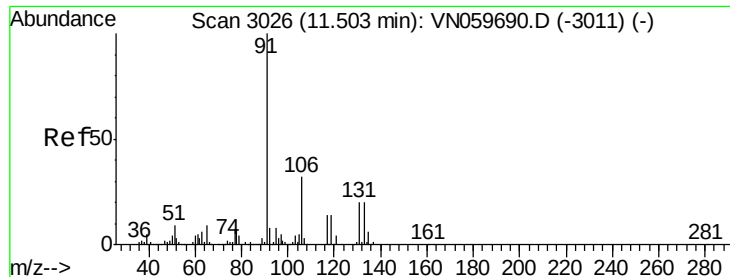
Tot Ion: 95 Resp: 117973
Ion Ratio Lower Upper
95 100
174 87.4 0.0 151.4
176 86.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059868.D
Acq: 27 Jan 2020 13:29

Tgt Ion: 117 Resp: 259950
Ion Ratio Lower Upper
117 100
82 52.7 45.9 68.9
119 32.0 25.5 38.3

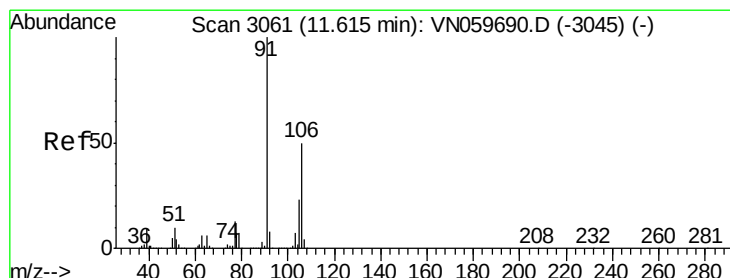
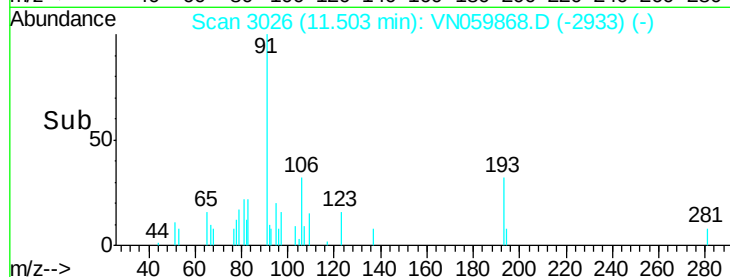
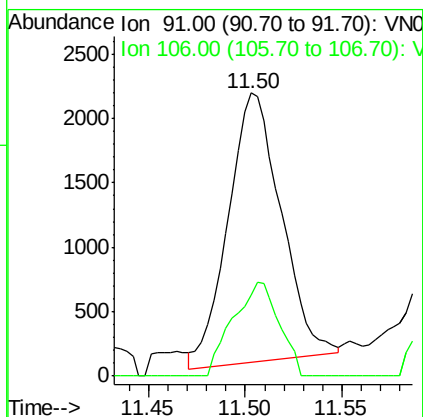
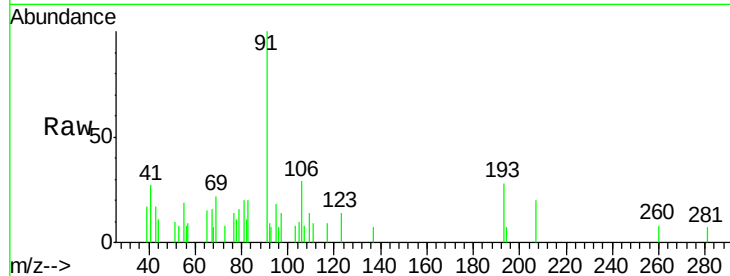




#67
Ethyl Benzene
Concen: 0.432 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059868.D
Acq: 27 Jan 2020 13:29

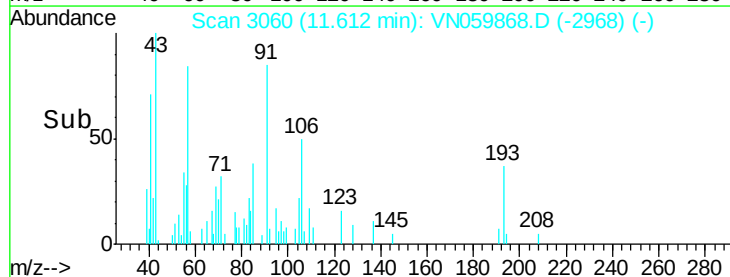
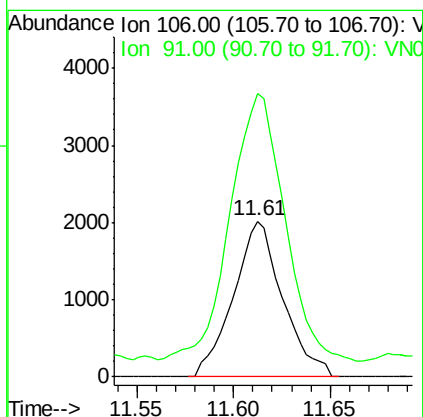
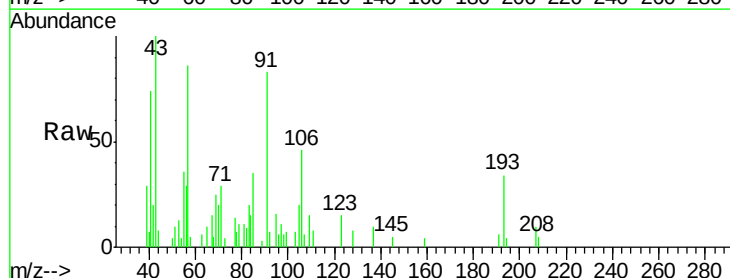
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ClientSampled :
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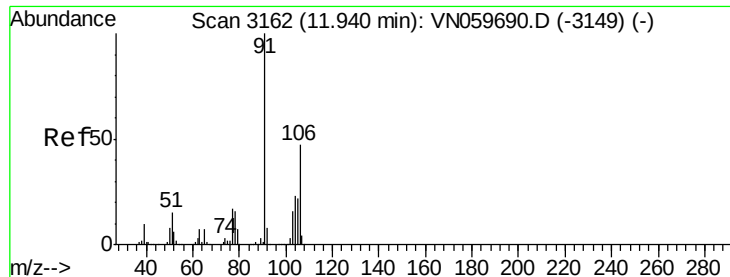
Tot Ion: 91 Resp: 4005
Ion Ratio Lower Upper
91 100
106 31.3 24.1 36.1



#68
m/p-Xylenes
Concen: 1.020 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059868.D
Acq: 27 Jan 2020 13:29

Tgt Ion: 106 Resp: 3573
Ion Ratio Lower Upper
106 100
91 205.7 167.9 251.9

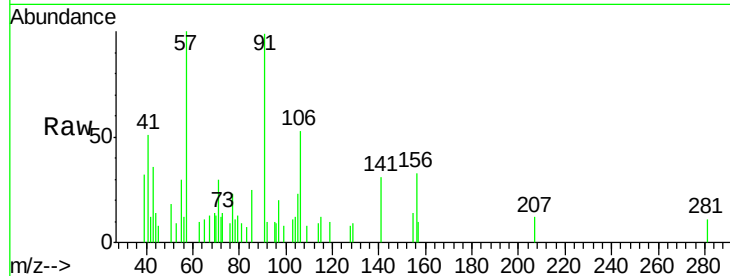




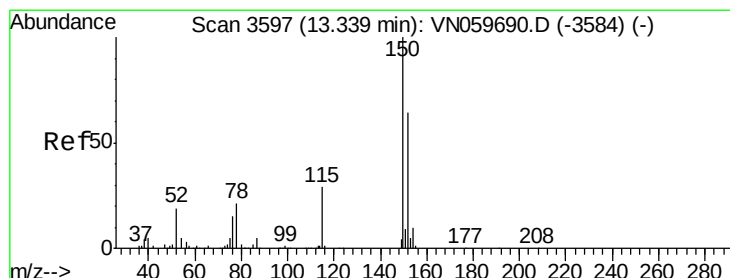
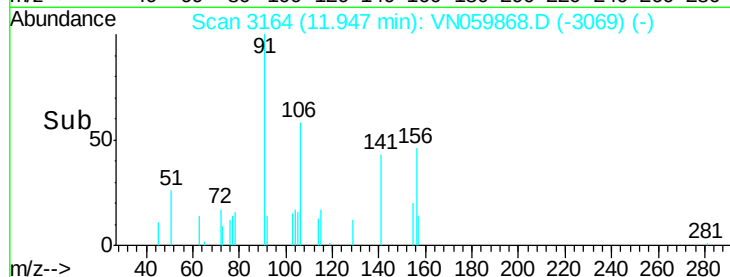
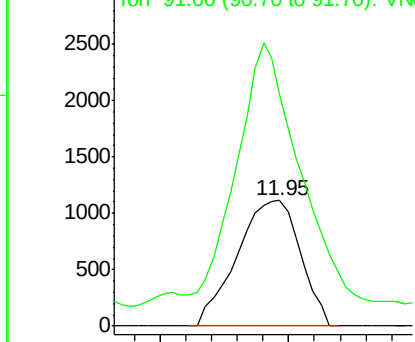
#69
o-Xylene
Concen: 0.556 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.01 min
Lab File: VN059868.D
Acq: 27 Jan 2020 13:29

Instrument :
MSVOA_N
ClientSampleId :
30529ME

Tot Ion:106 Resp: 1907
Ion Ratio Lower Upper
106 100
91 207.3 110.3 330.9

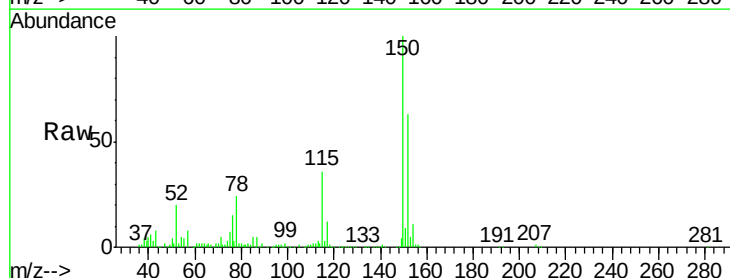


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

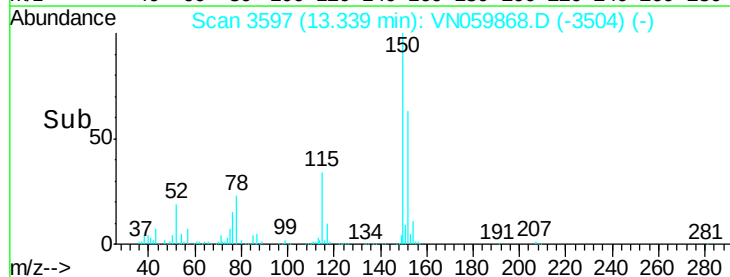
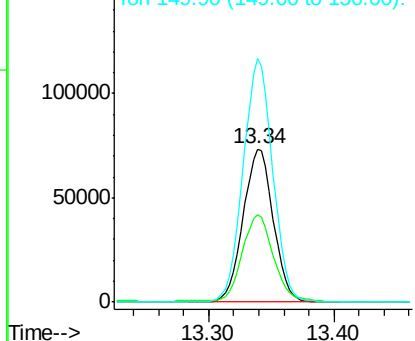


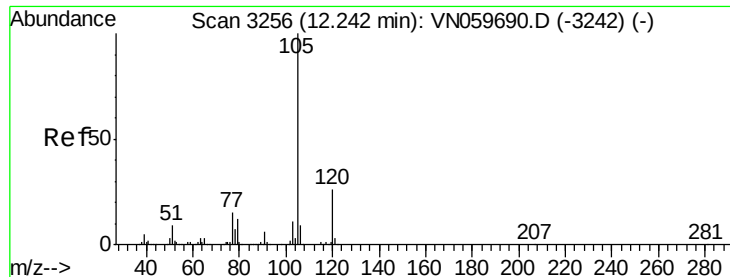
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059868.D
Acq: 27 Jan 2020 13:29

Tgt Ion:152 Resp: 123173
Ion Ratio Lower Upper
152 100
115 58.5 30.3 90.9
150 156.1 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: 0.299 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059868.D

Acq: 27 Jan 2020 13:29

Instrument :

MSVOA_N

ClientSampled :

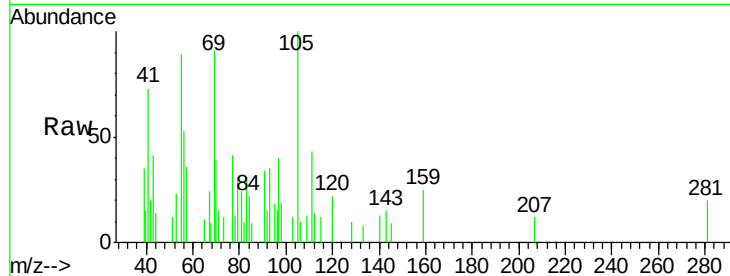
30529ME

Tot Ion:105 Resp: 2700

Ion Ratio Lower Upper

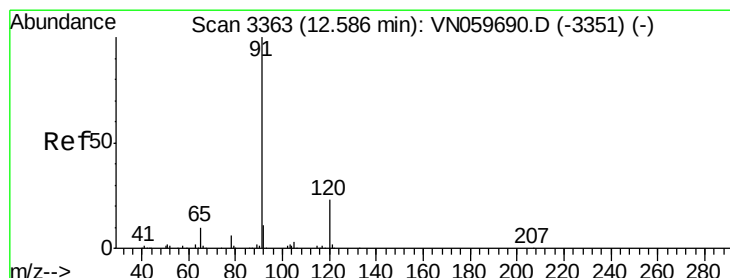
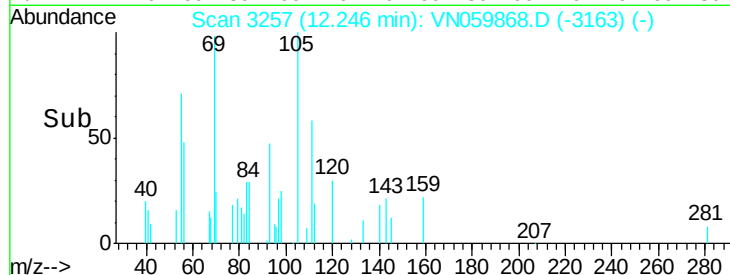
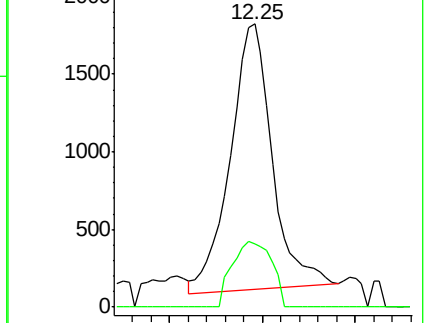
105 100

120 23.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.040 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059868.D

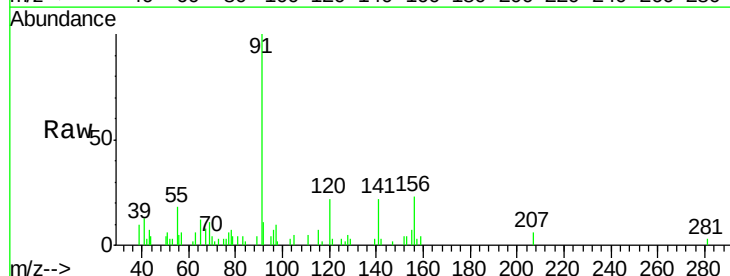
Acq: 27 Jan 2020 13:29

Tgt Ion: 91 Resp: 10544

Ion Ratio Lower Upper

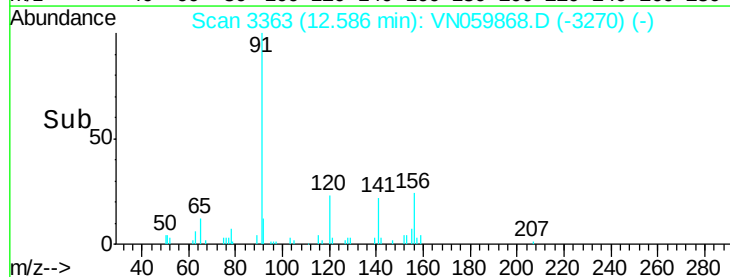
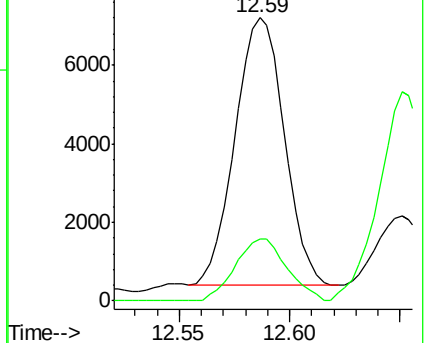
91 100

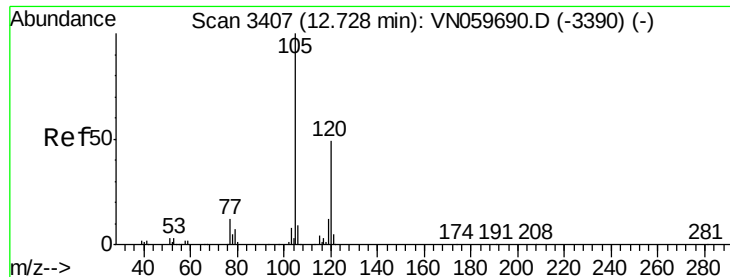
120 24.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 2.438 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059868.D

Acq: 27 Jan 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

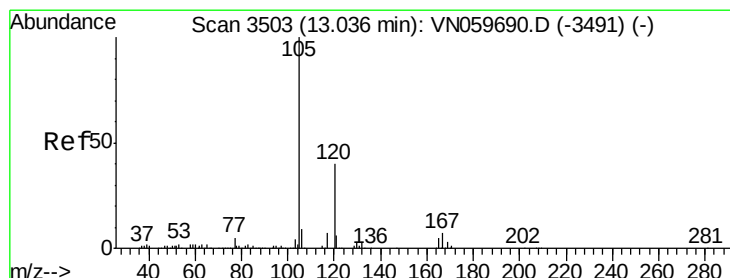
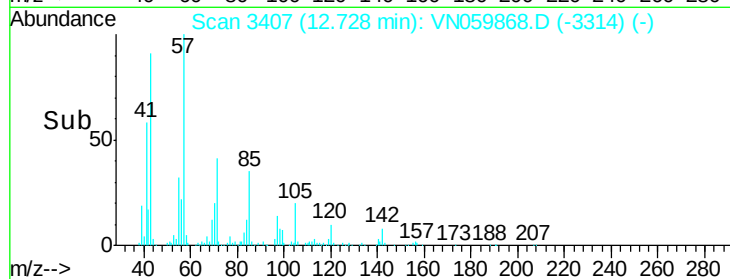
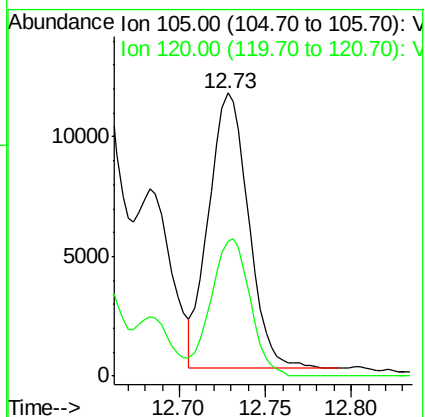
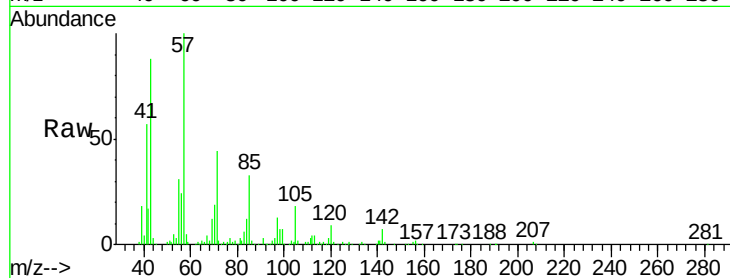
30529ME

Tot Ion:105 Resp: 18518

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.4



#84

1,2,4-Trimethylbenzene

Concen: 10.282 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059868.D

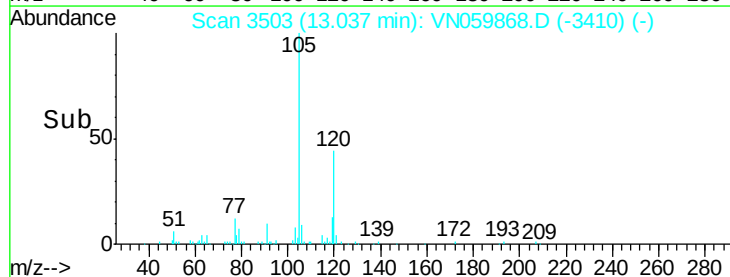
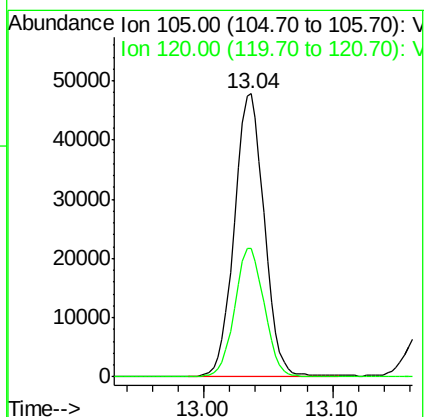
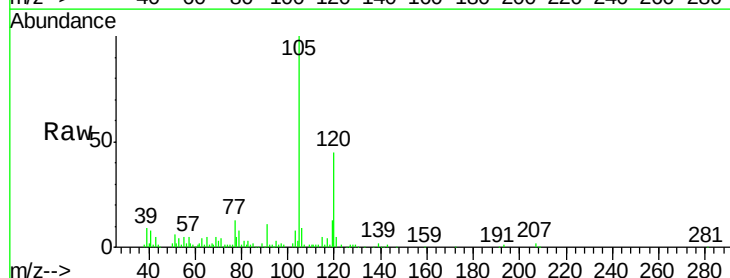
Acq: 27 Jan 2020 13:29

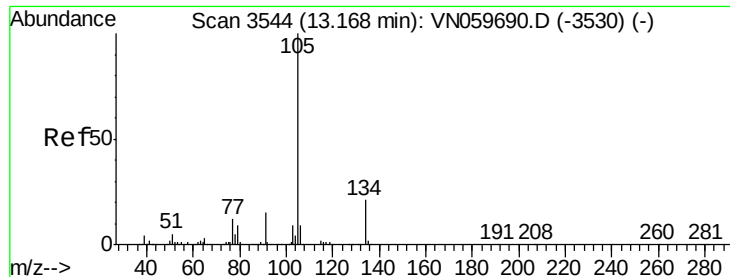
Tgt Ion:105 Resp: 77281

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 1.293 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059868.D

Acq: 27 Jan 2020 13:29

Instrument :

MSVOA_N

ClientSampled :

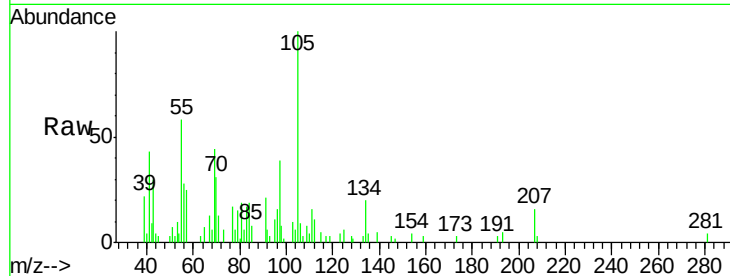
30529ME

Tot Ion:105 Resp: 11161

Ion Ratio Lower Upper

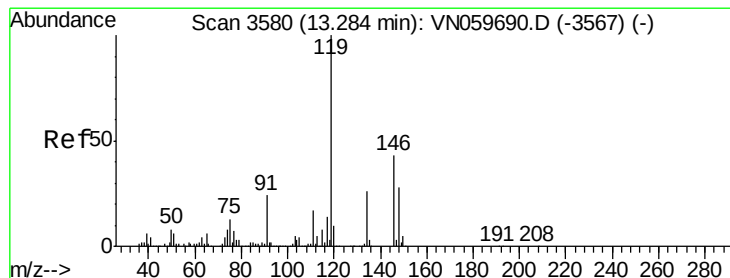
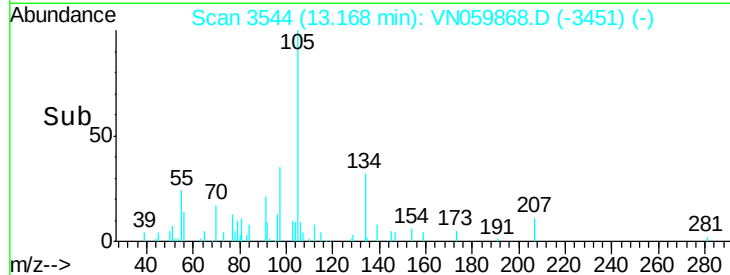
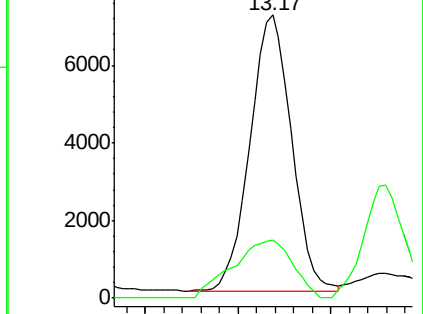
105 100

134 29.9 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: 1.217 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059868.D

Acq: 27 Jan 2020 13:29

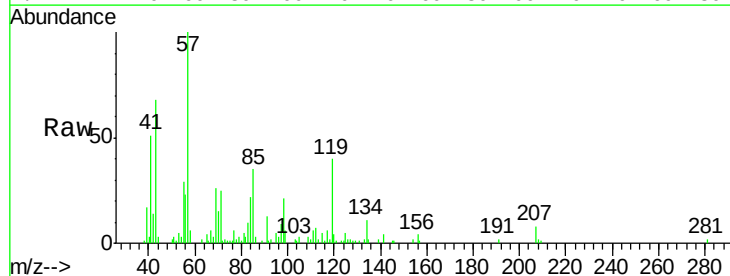
Tgt Ion:119 Resp: 9718

Ion Ratio Lower Upper

119 100

134 27.5 12.9 38.7

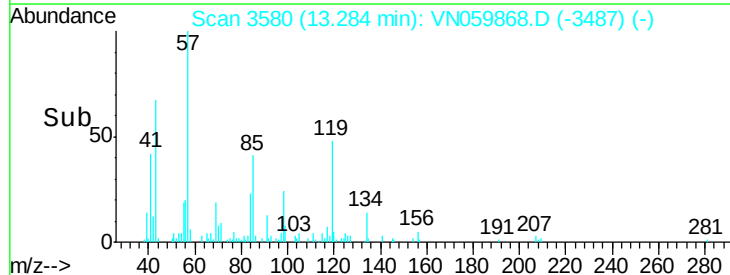
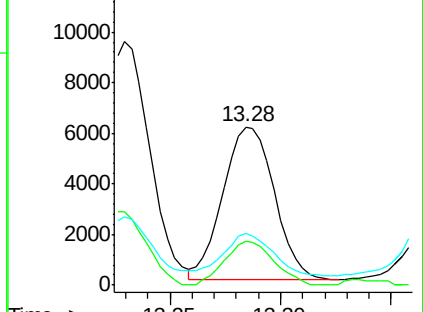
91 25.9 12.4 37.4

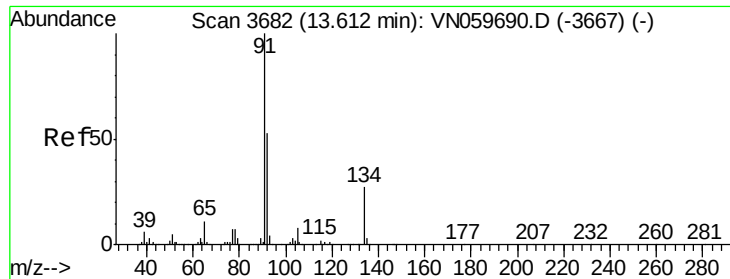


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 3.135 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN059868.D

Acq: 27 Jan 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

30529ME

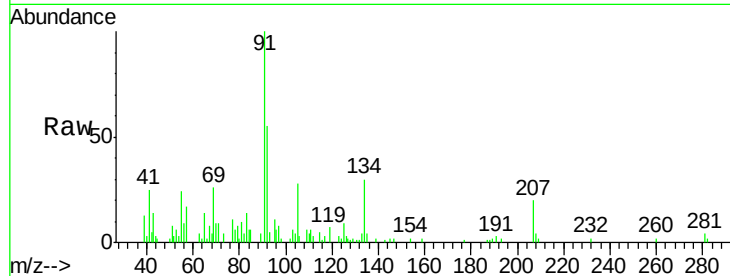
Tot Ion: 91 Resp: 21351

Ion Ratio Lower Upper

91 100

92 47.4 25.9 77.7

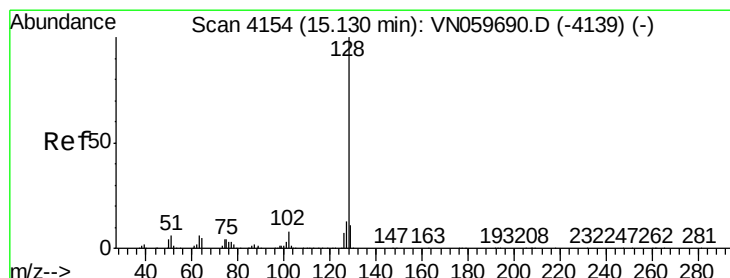
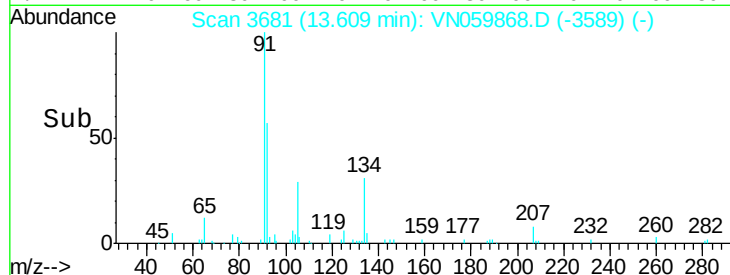
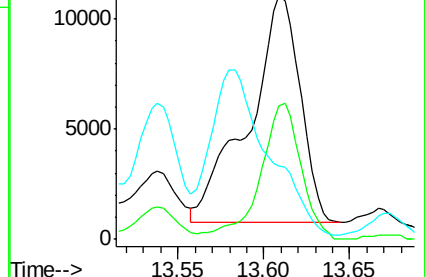
134 0.0 12.3 36.8#



Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN059690.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN059690.D (-3667) (-)



#95

Naphthalene

Concen: 3.160 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059868.D

Acq: 27 Jan 2020 13:29

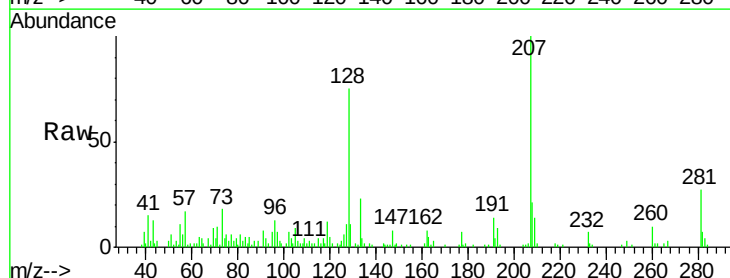
Tgt Ion: 128 Resp: 21219

Ion Ratio Lower Upper

128 100

127 18.8 10.4 15.6#

129 11.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VN059690.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN059690.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN059690.D (-4139) (-)

