

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050651.D
 Acq On : 15 Aug 2018 13:34
 Operator : MD\SY
 Sample : J4474-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-SV28570L

Quant Time: Aug 16 13:42:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	606558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	958055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	850536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	343364	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	411887	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
35) Dibromofluoromethane	7.59	113	391437	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
50) Toluene-d8	10.09	98	1366469	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
62) 4-Bromofluorobenzene	12.40	95	385594	40.55	ug/l	0.00
Spiked Amount			Recovery	=	81.10%	

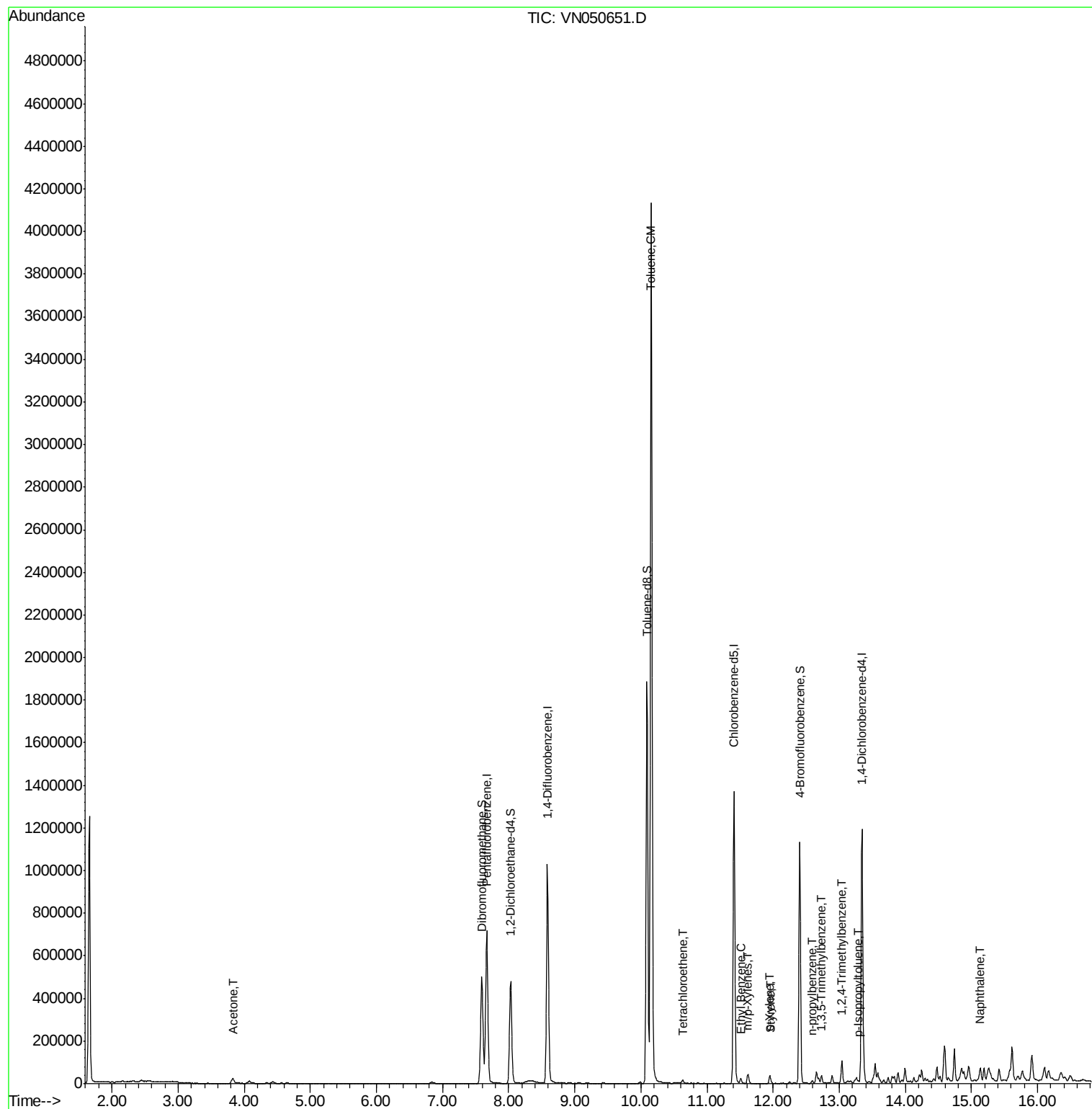
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	41668	20.50	ug/l	97
52) Toluene	10.16	92	1882755	97.19	ug/l	98
64) Tetrachloroethene	10.63	164	4089	0.52	ug/l	94
67) Ethyl Benzene	11.51	91	15780	0.46	ug/l	99
68) m/p-Xylenes	11.62	106	14135	1.08	ug/l	97
69) o-Xylene	11.95	106	9242	0.74	ug/l	99
70) Styrene	11.97	104	4017	1.12	ug/l #	77
78) n-propylbenzene	12.59	91	9434	0.32	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	16783	0.78	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	57432	2.66	ug/l	99
86) p-Isopropyltoluene	13.29	119	5633	0.27	ug/l	94
95) Naphthalene	15.13	128	47649	7.19	ug/l	97

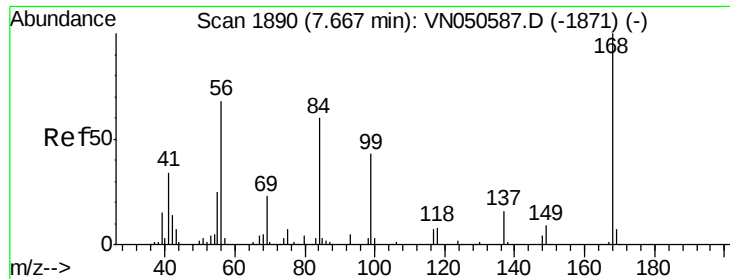
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081518\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050651.D

Acq: 15 Aug 2018 13:34

Instrument :

MSVOA_N

ClientSampleId :

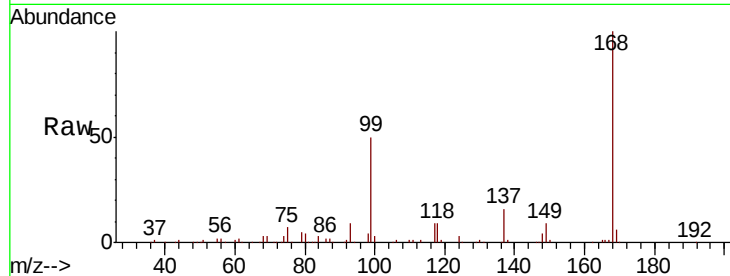
FRAC-TANK-SV28570L

Tot Ion:168 Resp: 606558

Ion Ratio Lower Upper

168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

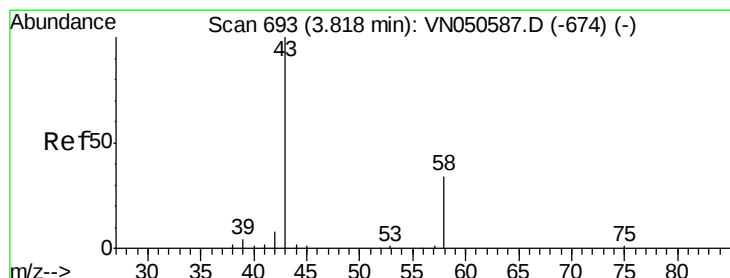
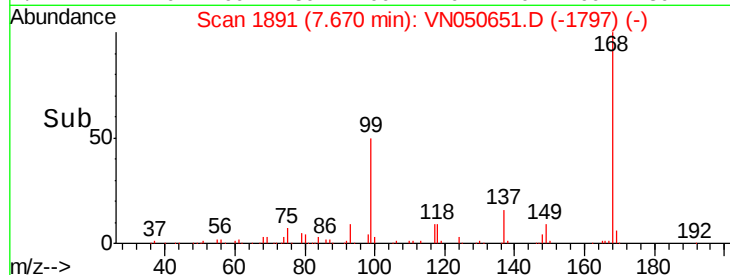
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.50 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050651.D

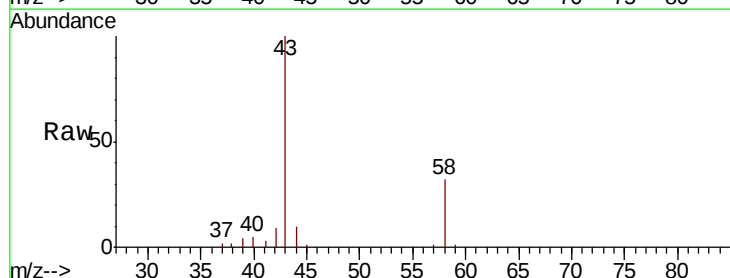
Acq: 15 Aug 2018 13:34

Tgt Ion: 43 Resp: 41668

Ion Ratio Lower Upper

43 100

58 32.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.83

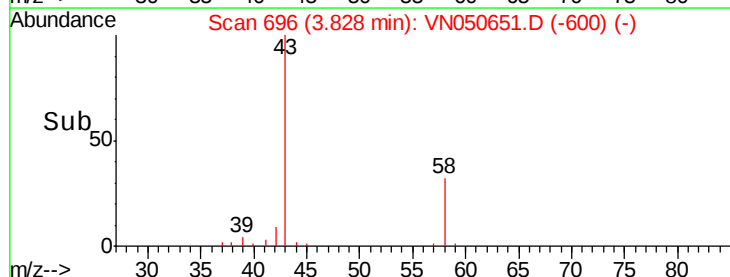
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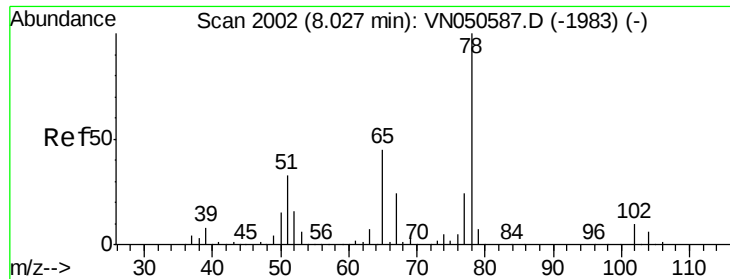
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5000

0

Time-->

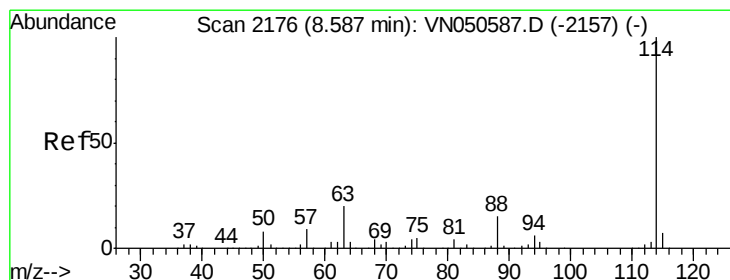
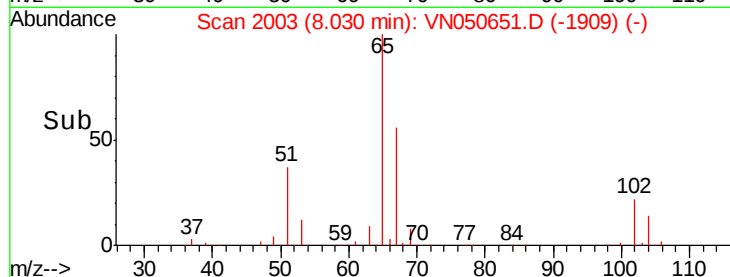
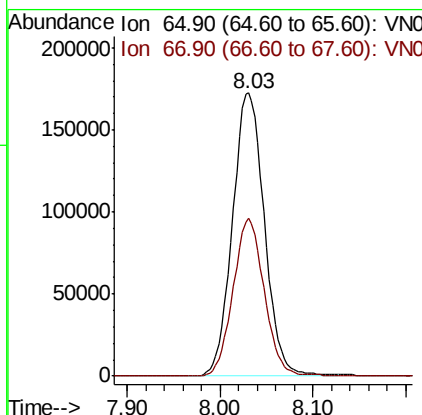
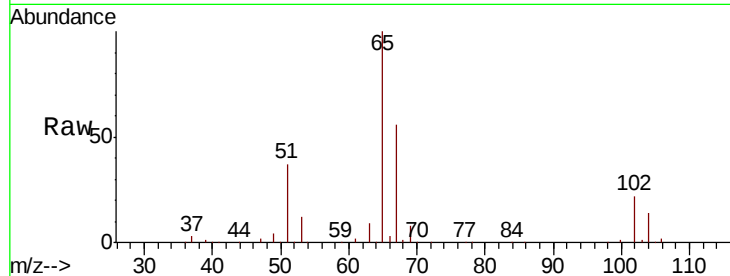




#33
 1,2-Dichloroethane-d4
 Concen: 53.87 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050651.D
 Acq: 15 Aug 2018 13:34

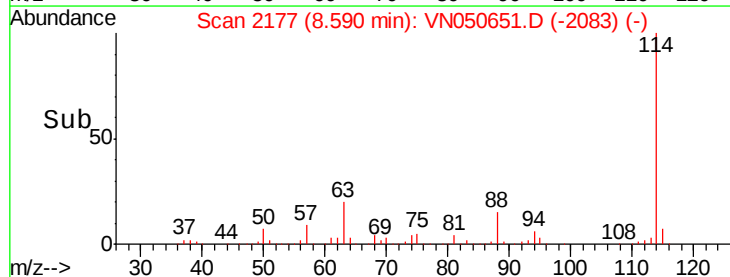
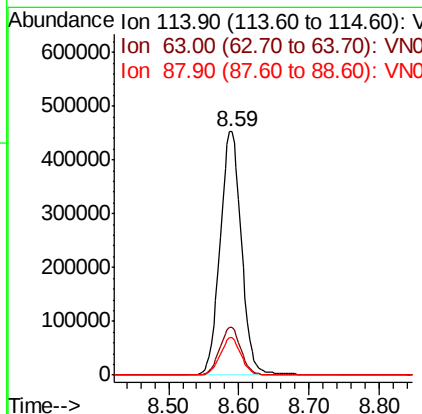
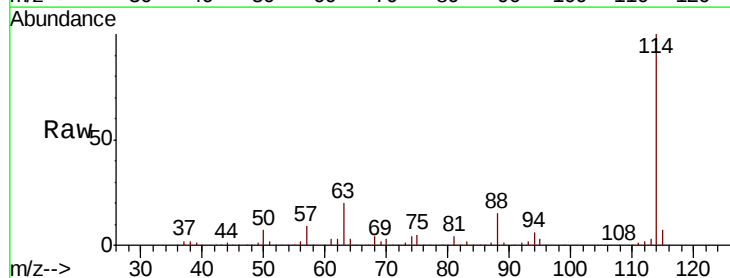
Instrument :
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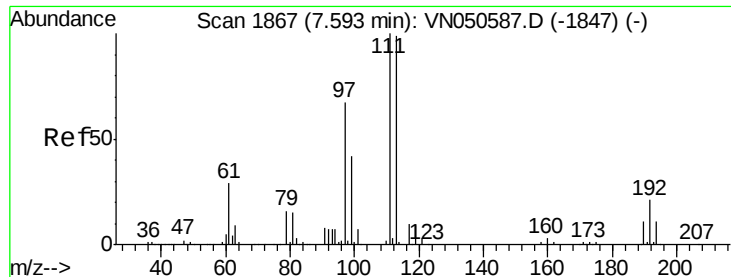
Tot Ion: 65 Resp: 411887
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050651.D
 Acq: 15 Aug 2018 13:34

Tgt Ion: 114 Resp: 958055
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.2 0.0 30.8

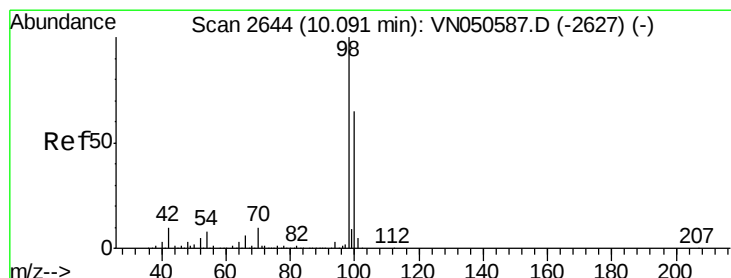
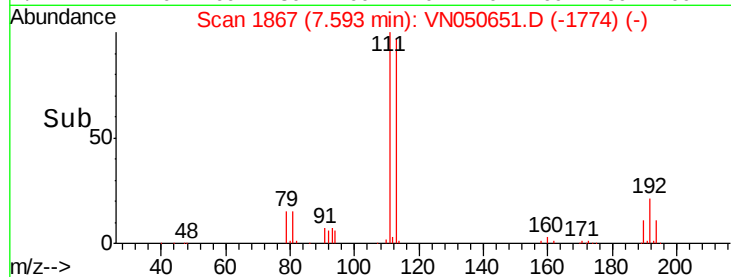
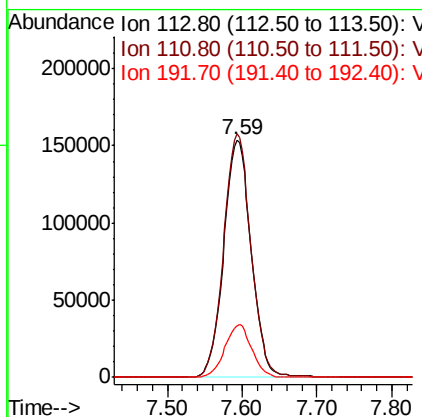
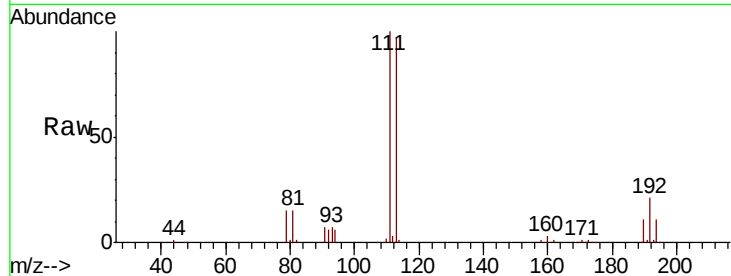




#35
 Dibromofluoromethane
 Concen: 51.18 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050651.D
 Acq: 15 Aug 2018 13:34

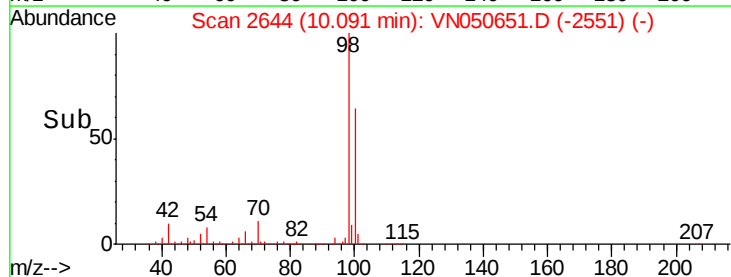
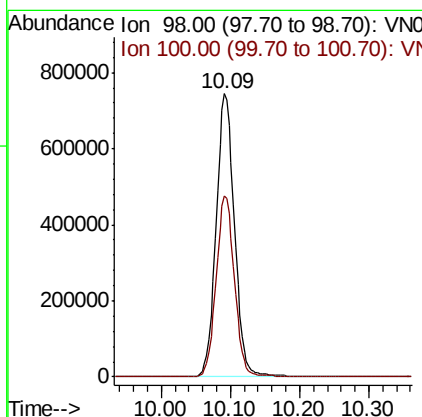
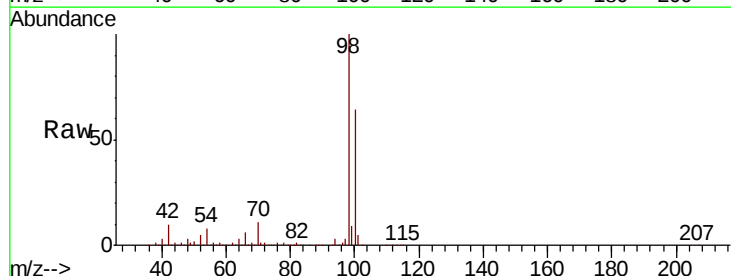
Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-SV28570L

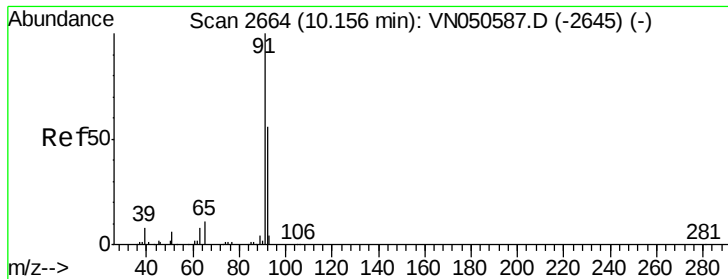
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.0	121.6
192	21.7	17.6	26.4



#50
 Toluene-d8
 Concen: 47.47 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN050651.D
 Acq: 15 Aug 2018 13:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.8	77.8





#52

Toluene

Concen: 97.19 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN050651.D

Acq: 15 Aug 2018 13:34

Instrument :

MSVOA_N

ClientSampleId :

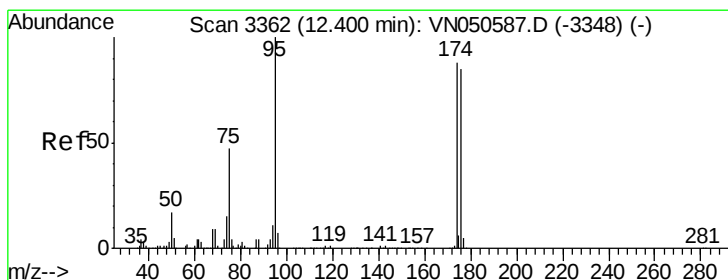
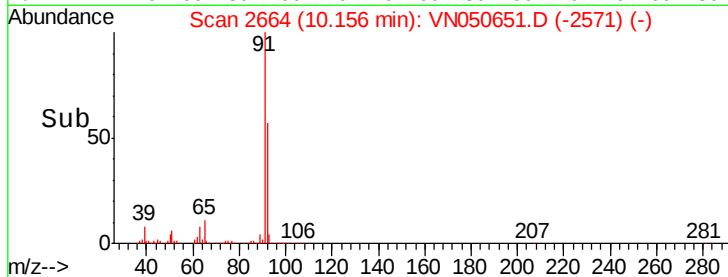
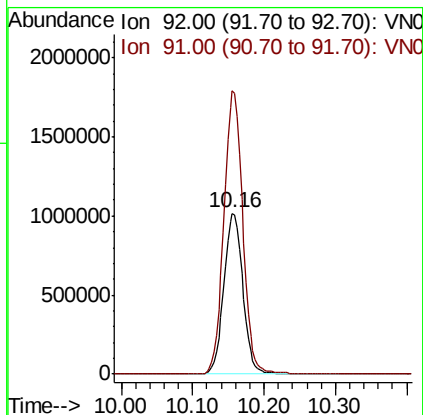
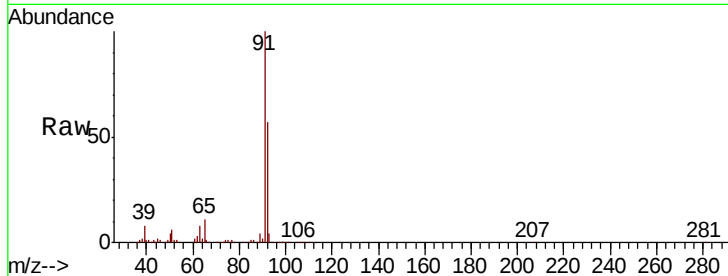
FRAC-TANK-SV28570L

Tot Ion: 92 Resp: 1882755

Ion Ratio Lower Upper

92 100

91 175.2 141.9 212.9



#62

4-Bromofluorobenzene

Concen: 40.55 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050651.D

Acq: 15 Aug 2018 13:34

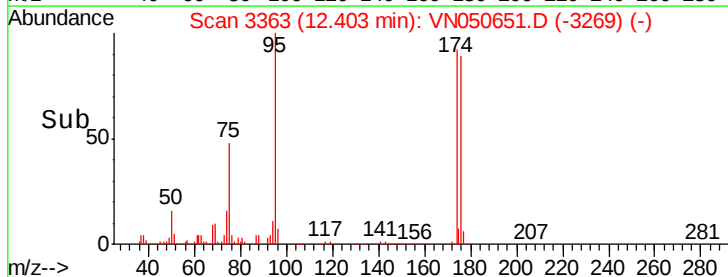
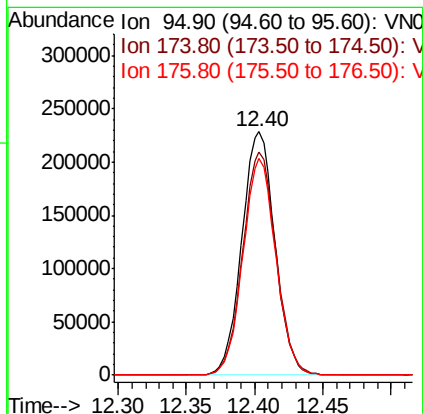
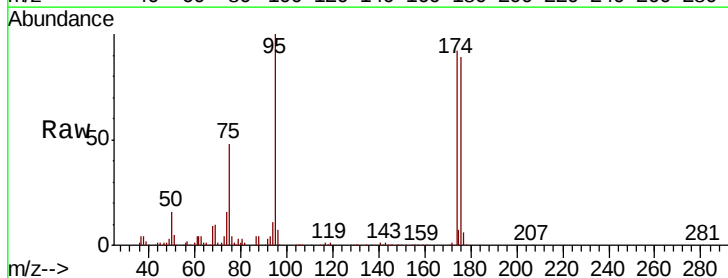
Tgt Ion: 95 Resp: 385594

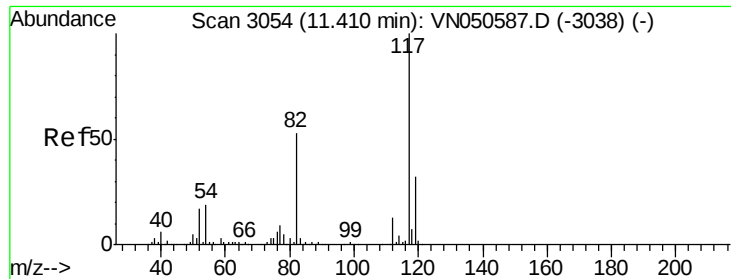
Ion Ratio Lower Upper

95 100

174 92.0 0.0 177.8

176 88.1 0.0 175.0

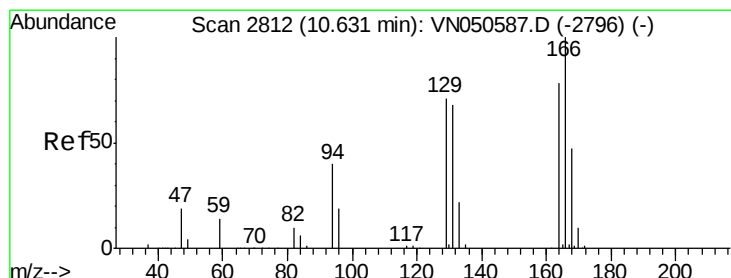
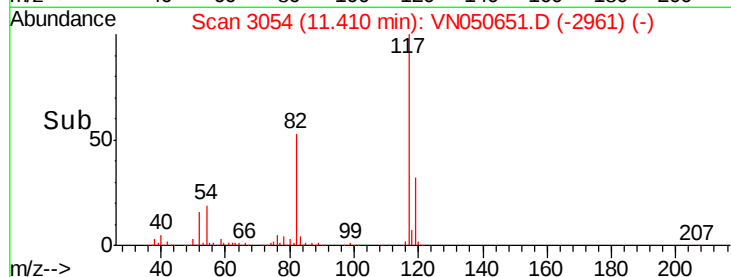
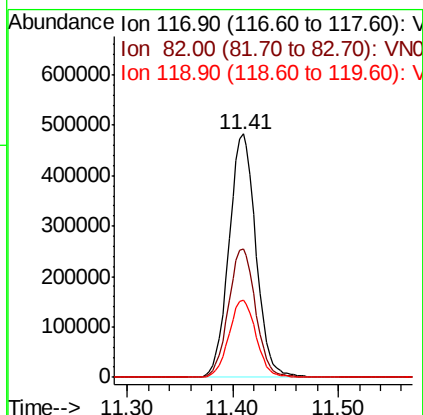
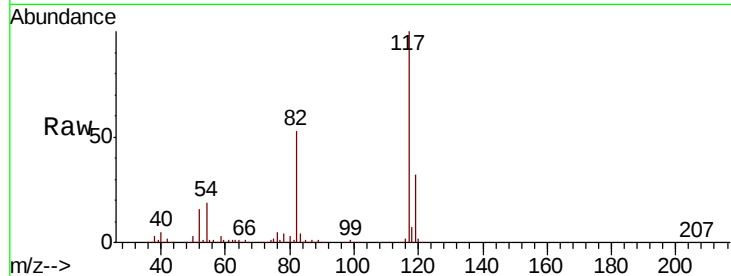




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050651.D
Acq: 15 Aug 2018 13:34

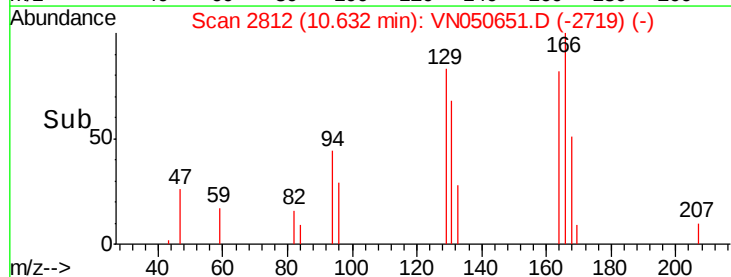
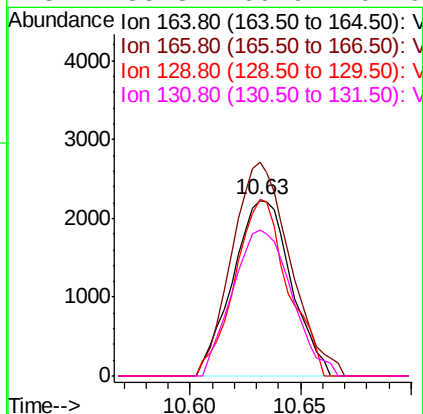
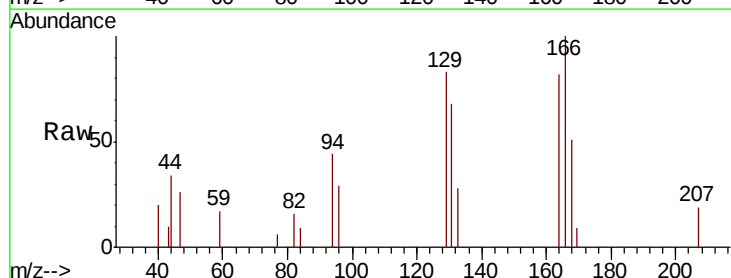
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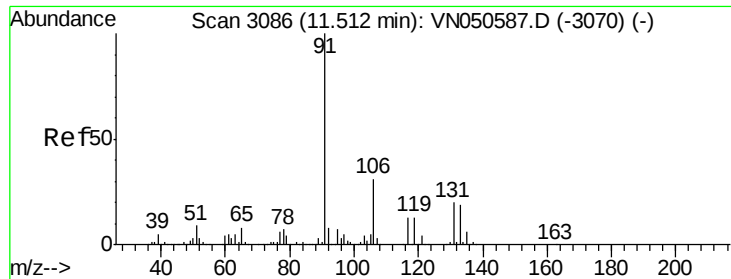
Tot Ion:117 Resp: 850536
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 0.52 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050651.D
Acq: 15 Aug 2018 13:34

Tgt Ion:164 Resp: 4089
Ion Ratio Lower Upper
164 100
166 121.6 102.1 153.1
129 100.4 72.7 109.1
131 83.3 69.9 104.9

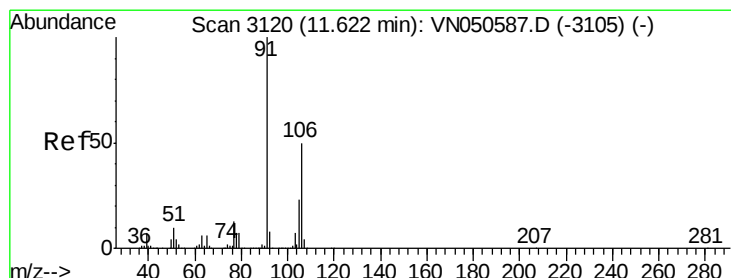
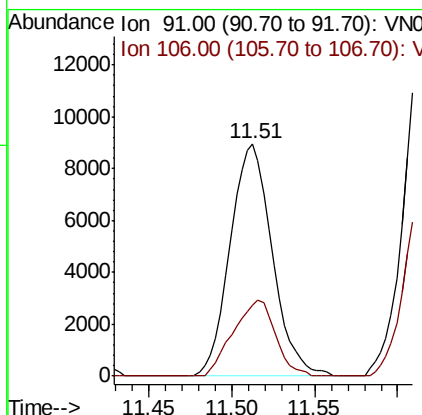
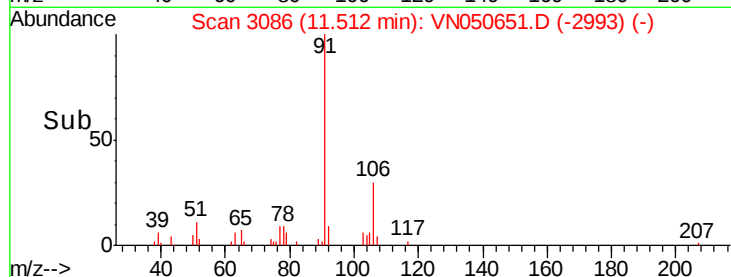
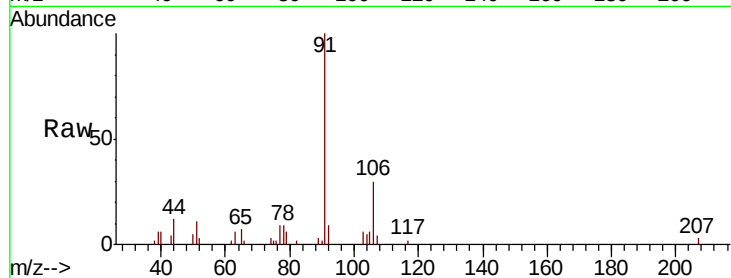




#67
Ethyl Benzene
Concen: 0.46 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050651.D
Acq: 15 Aug 2018 13:34

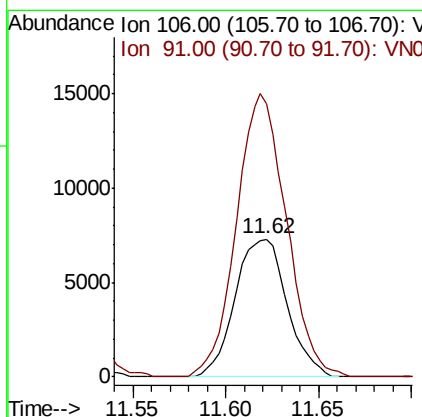
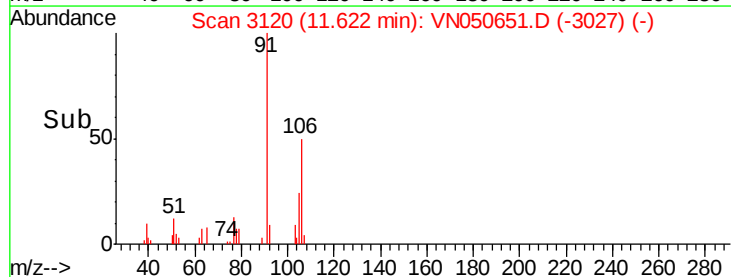
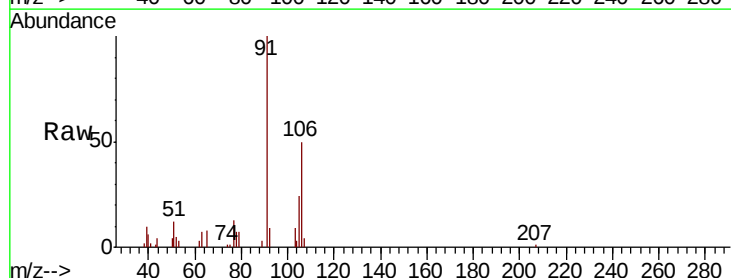
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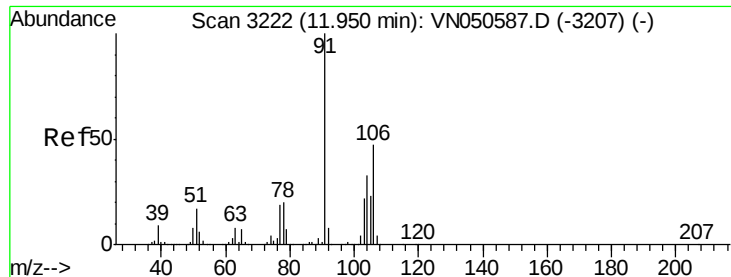
Tot Ion: 91 Resp: 15780
Ion Ratio Lower Upper
91 100
106 30.4 24.8 37.2



#68
m/p-Xylenes
Concen: 1.08 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN050651.D
Acq: 15 Aug 2018 13:34

Tgt Ion: 106 Resp: 14135
Ion Ratio Lower Upper
106 100
91 197.8 161.5 242.3

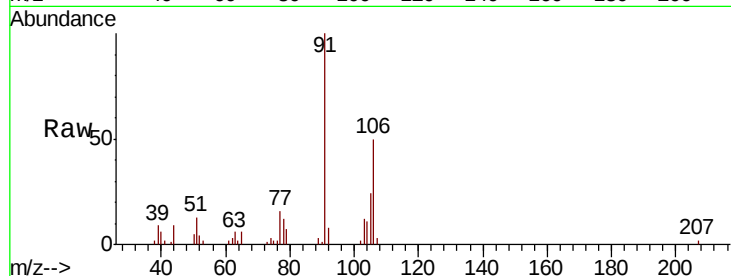




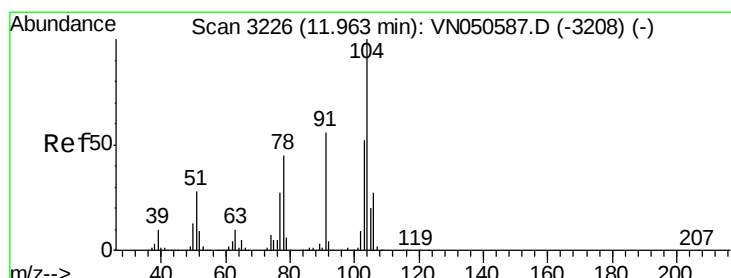
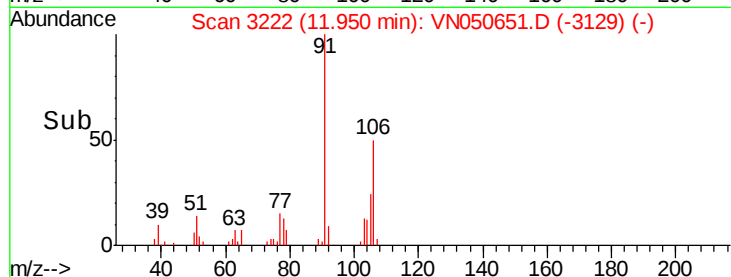
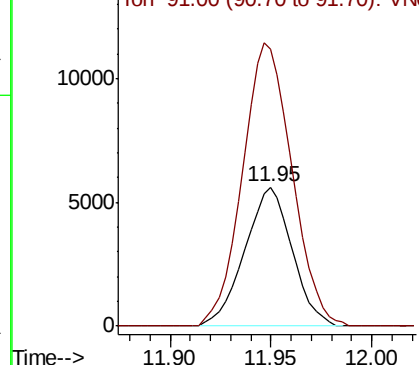
#69
o-Xylene
Concen: 0.74 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050651.D
Acq: 15 Aug 2018 13:34

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-SV28570L

Tot Ion:106 Resp: 9242
Ion Ratio Lower Upper
106 100
91 212.2 106.8 320.4

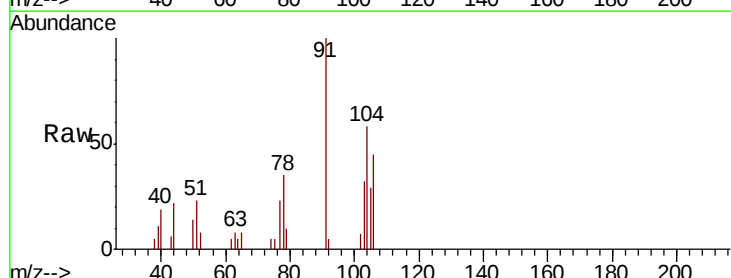


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

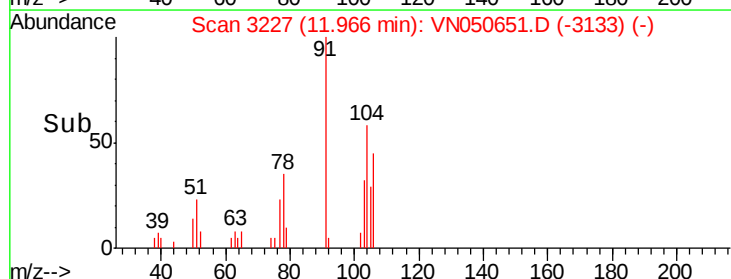
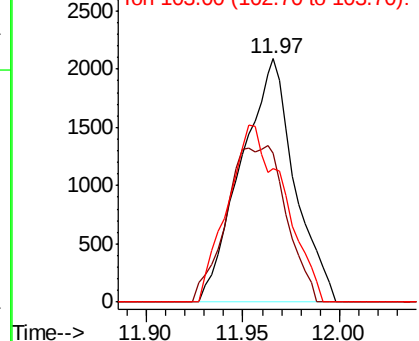


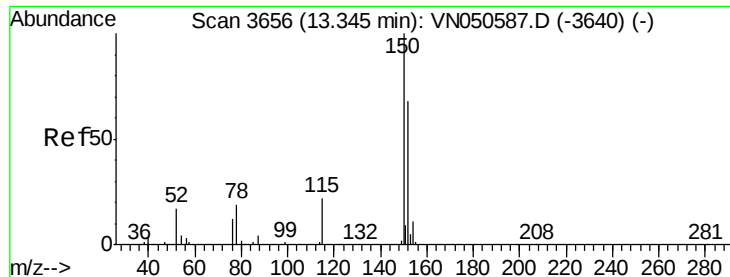
#70
Styrene
Concen: 1.12 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050651.D
Acq: 15 Aug 2018 13:34

Tgt Ion:104 Resp: 4017
Ion Ratio Lower Upper
104 100
78 37.3 39.1 58.7#
103 76.7 44.9 67.3#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050651.D

Acq: 15 Aug 2018 13:34

Instrument :

MSVOA_N

ClientSampleId :

FRAC-TANK-SV28570L

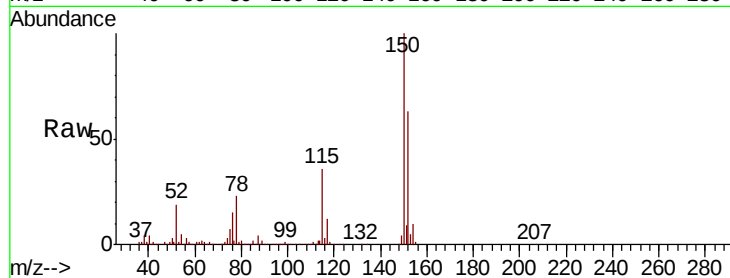
Tot Ion:152 Resp: 343364

Ion Ratio Lower Upper

152 100

115 58.1 28.1 84.2

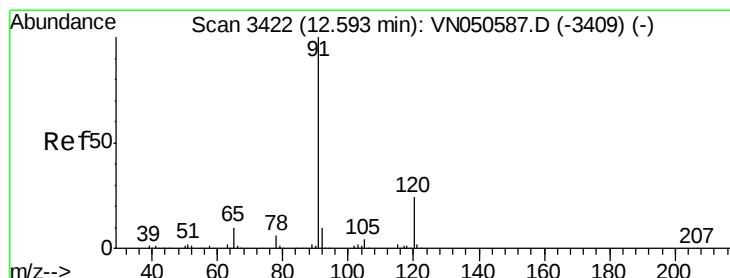
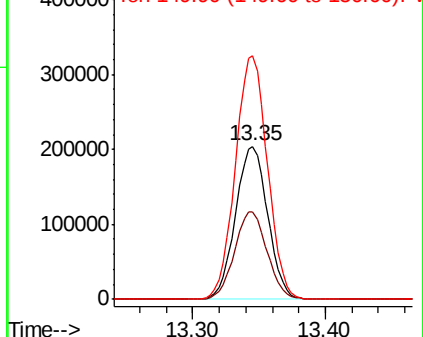
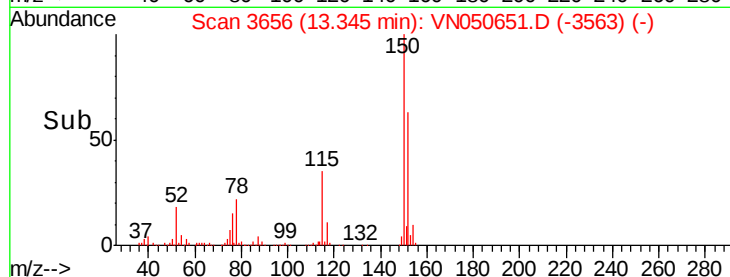
150 158.8 0.0 347.8



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



#78

n-propylbenzene

Concen: 0.32 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050651.D

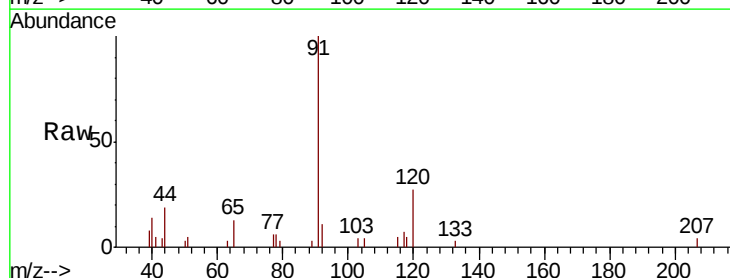
Acq: 15 Aug 2018 13:34

Tgt Ion: 91 Resp: 9434

Ion Ratio Lower Upper

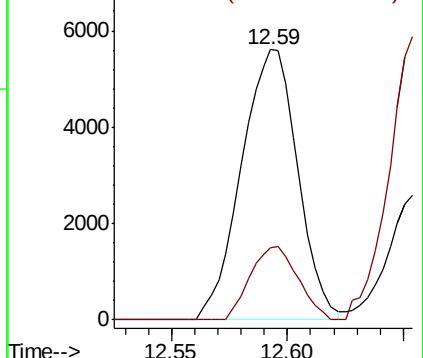
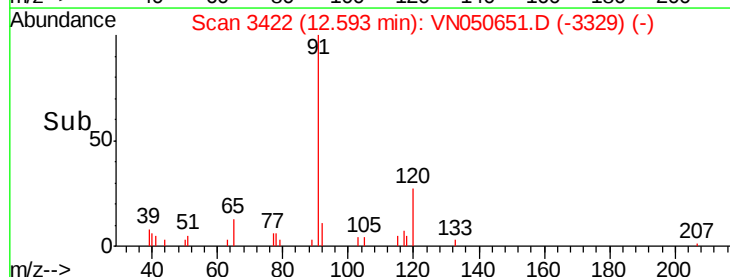
91 100

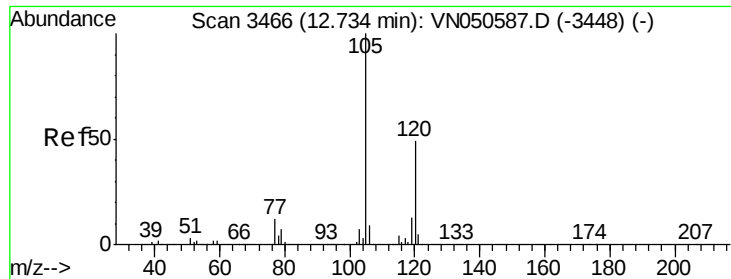
120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

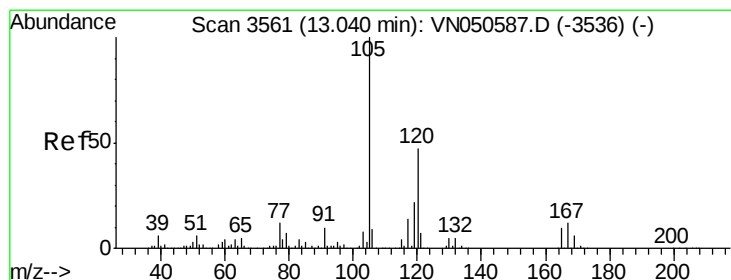
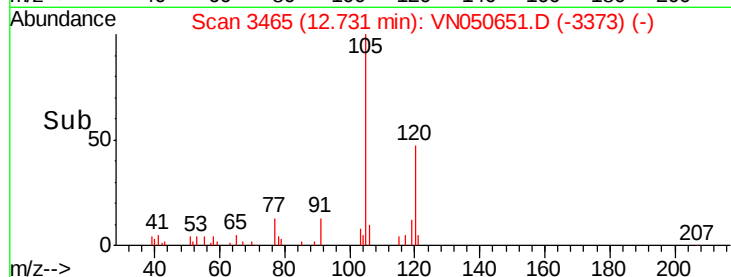
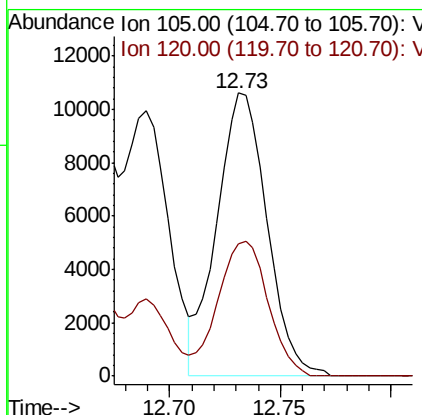
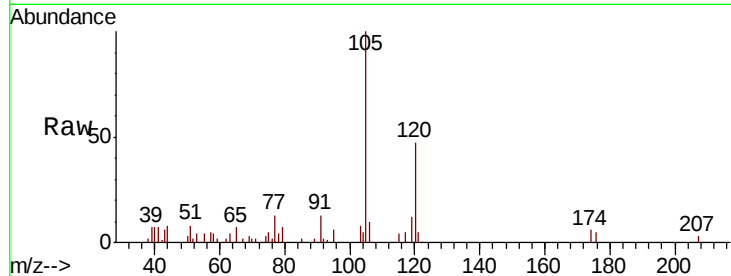




#80
 1,3,5-Trimethylbenzene
 Concen: 0.78 ug/l
 RT: 12.73 min Scan# 3465
 Delta R.T. -0.00 min
 Lab File: VN050651.D
 Acq: 15 Aug 2018 13:34

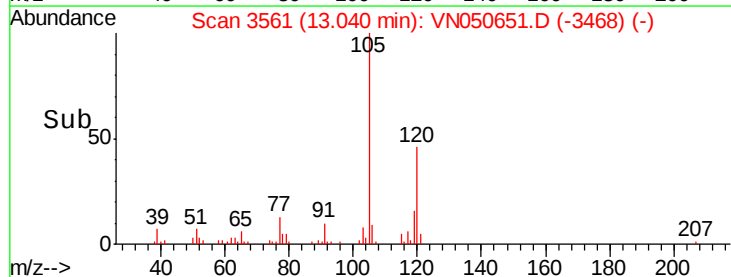
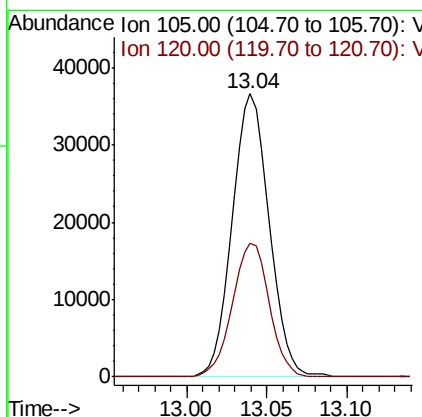
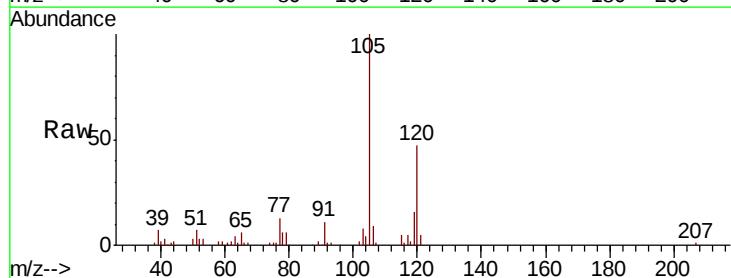
Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-SV28570L

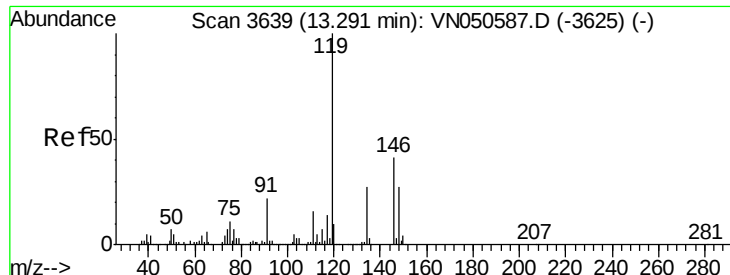
Tot Ion:105 Resp: 16783
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 2.66 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050651.D
 Acq: 15 Aug 2018 13:34

Tgt Ion:105 Resp: 57432
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.2 69.5

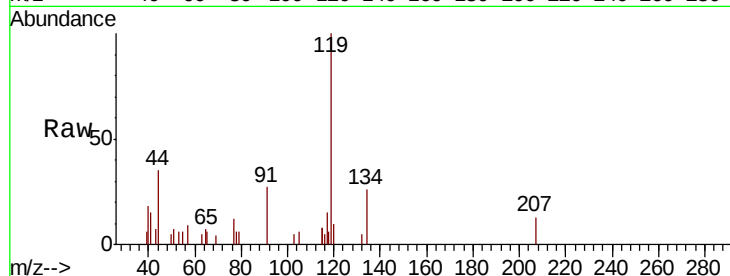




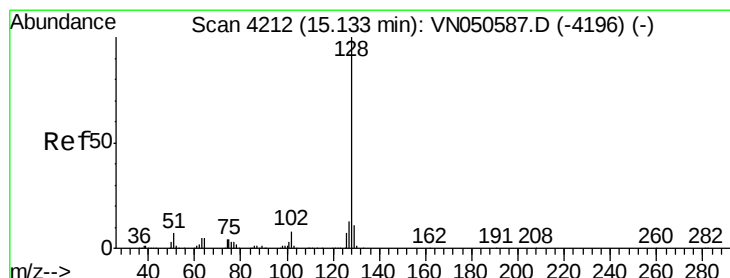
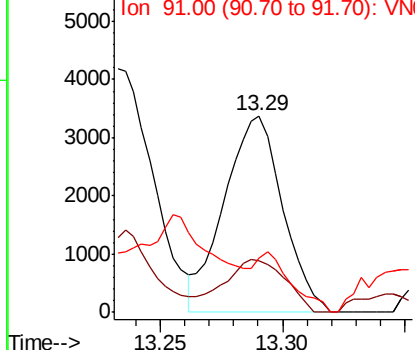
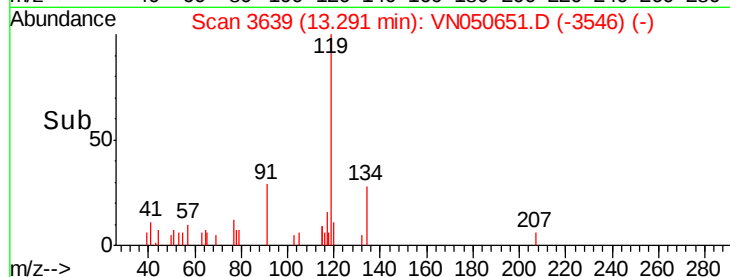
#86
p-Isopropyltoluene
Concen: 0.27 ug/l
RT: 13.29 min Scan# 3639
Delta R.T. 0.00 min
Lab File: VN050651.D
Acq: 15 Aug 2018 13:34

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-SV28570L

Tot Ion:119 Resp: 5633
Ion Ratio Lower Upper
119 100
134 28.1 13.5 40.4
91 17.5 11.2 33.6

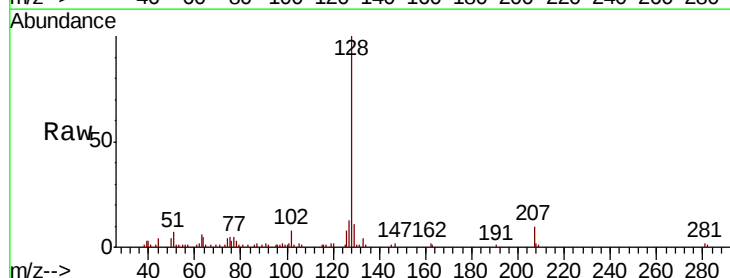


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 7.19 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050651.D
Acq: 15 Aug 2018 13:34

Tgt Ion:128 Resp: 47649
Ion Ratio Lower Upper
128 100
127 14.6 10.3 15.5
129 11.0 8.5 12.7



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

