

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050404.D
 Acq On : 7 Aug 2018 00:33
 Operator : MD\SY
 Sample : J4277-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-080318-B

Quant Time: Aug 07 07:38:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	656492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1081154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	940593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	380384	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	468199	53.38	ug/l	0.00
Spiked Amount			Recovery	=	106.76%	
35) Dibromofluoromethane	7.60	113	412197	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
50) Toluene-d8	10.09	98	1476031	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
62) 4-Bromofluorobenzene	12.40	95	430731	38.75	ug/l	0.00
Spiked Amount			Recovery	=	77.50%	

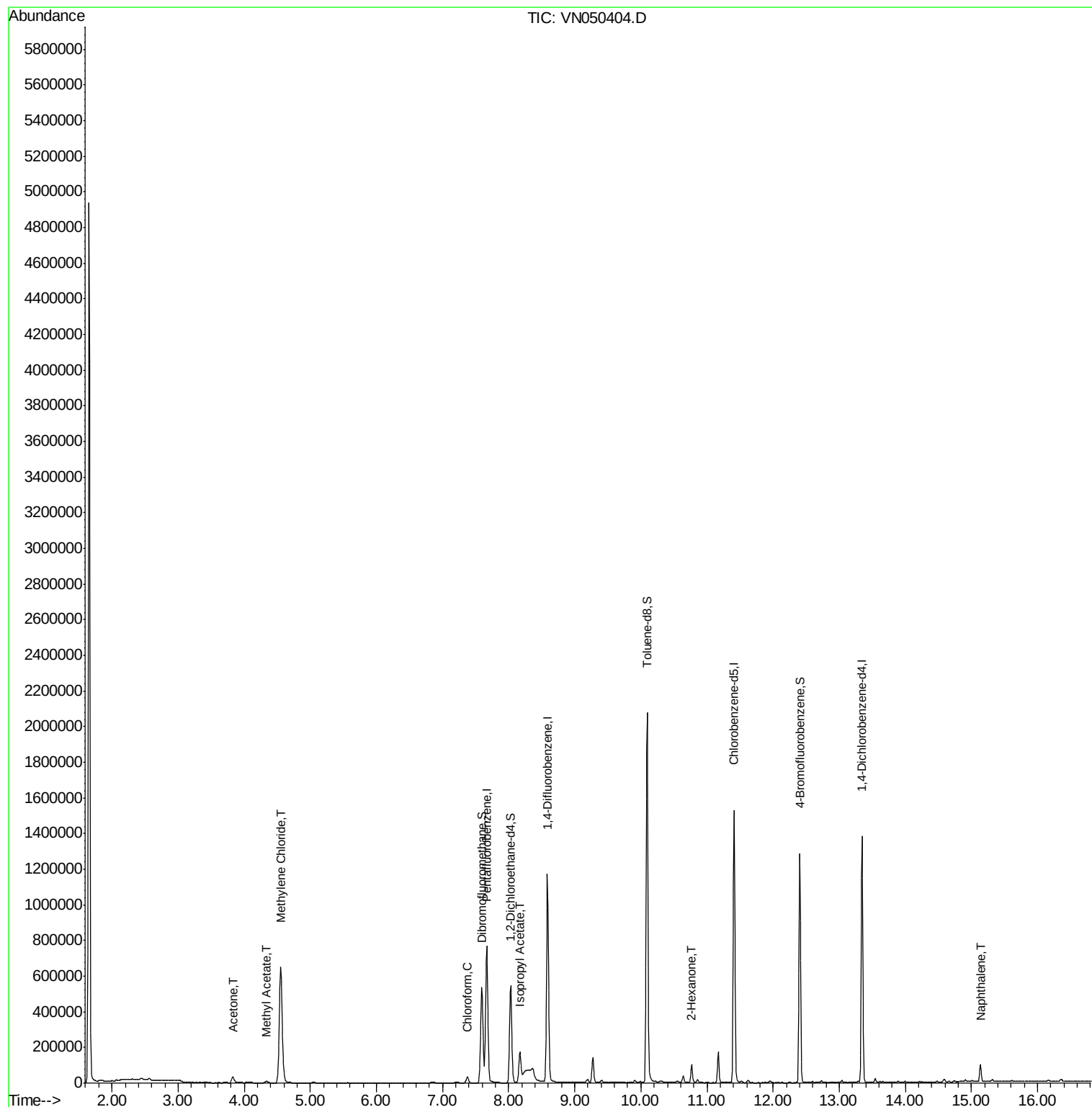
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	55411	20.85	ug/l	98
18) Methyl Acetate	4.34	43	14333	1.92	ug/l	93
20) Methylene Chloride	4.55	84	519884	65.47	ug/l	99
30) Chloroform	7.38	83	33513	2.35	ug/l	97
43) Isopropyl Acetate	8.17	43	215880	14.62	ug/l	99
59) 2-Hexanone	10.77	43	15649	2.11	ug/l #	60
95) Naphthalene	15.14	128	80647	7.68	ug/l	99

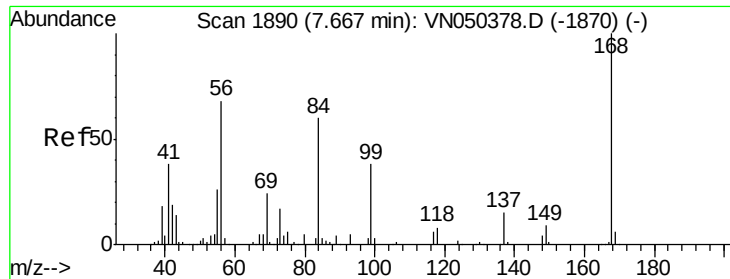
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

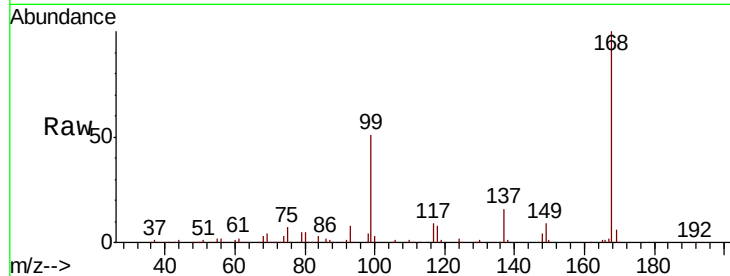
OR-02-080318-B

Tot Ion:168 Resp: 656492

Ion Ratio Lower Upper

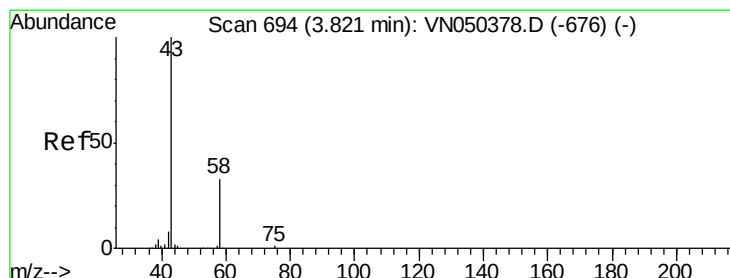
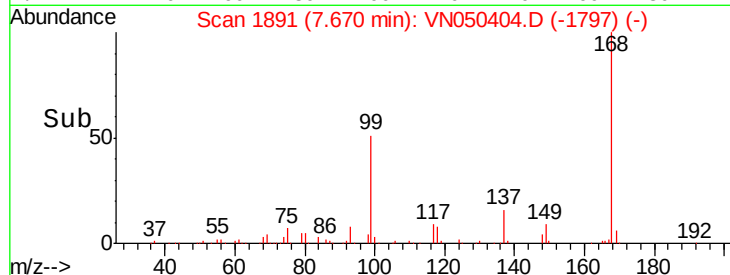
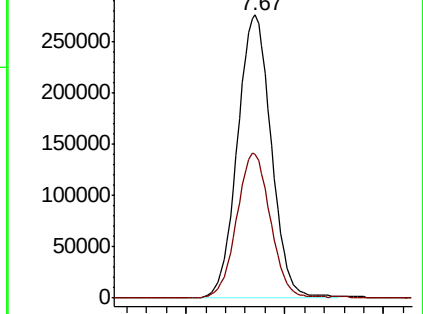
168 100

99 51.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)



#16

Acetone

Concen: 20.85 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050404.D

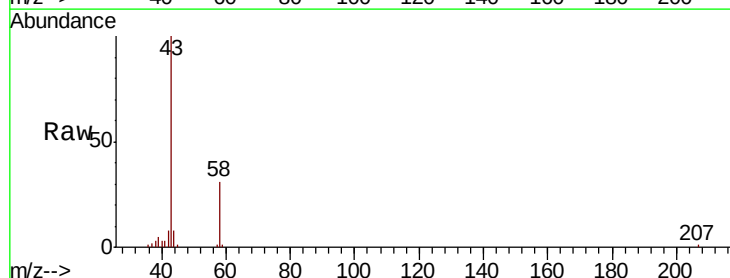
Acq: 7 Aug 2018 00:33

Tgt Ion: 43 Resp: 55411

Ion Ratio Lower Upper

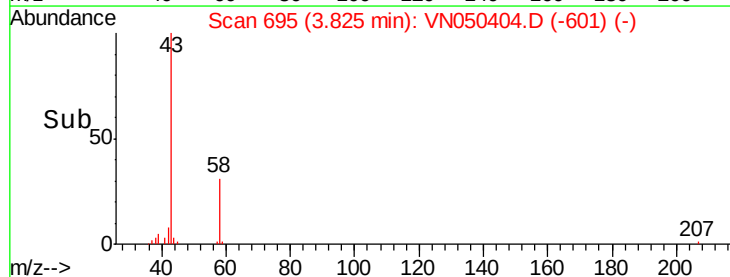
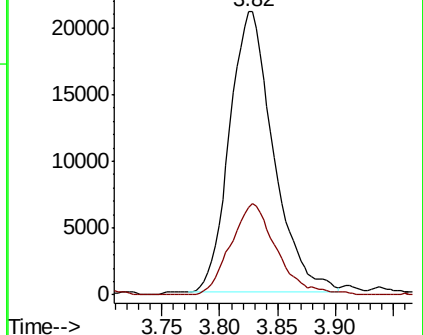
43 100

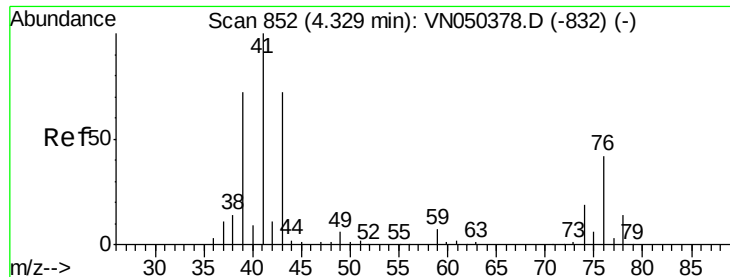
58 31.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

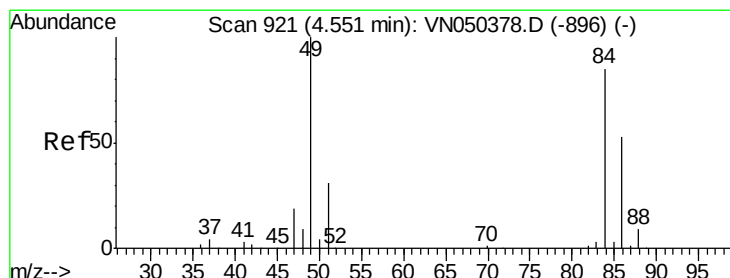
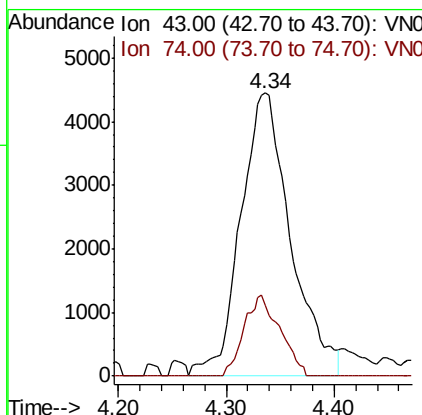
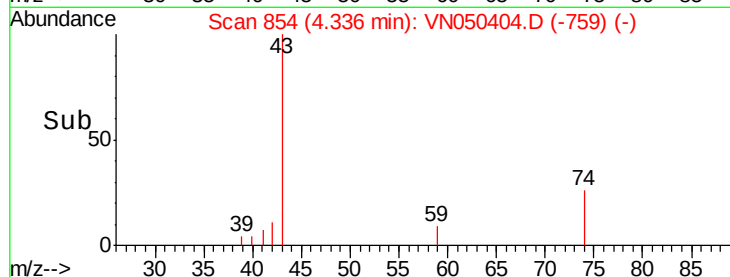
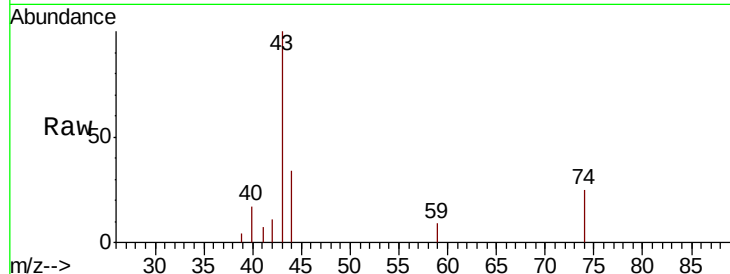




#18
Methyl Acetate
Concen: 1.92 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

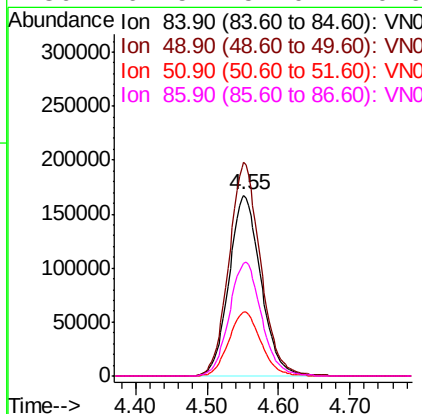
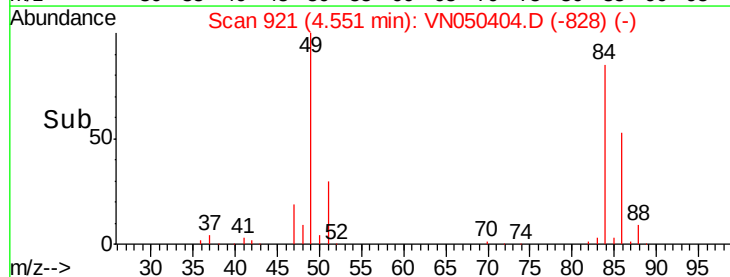
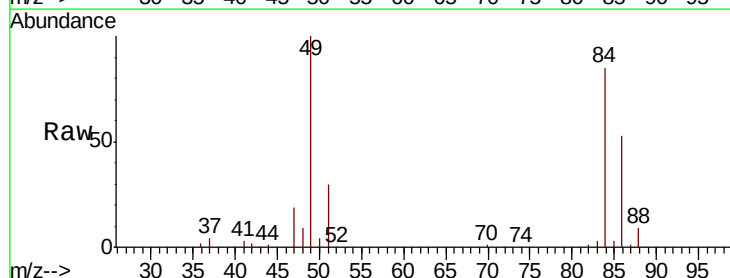
Instrument :
MSVOA_N
ClientSampleId :
OR-02-080318-B

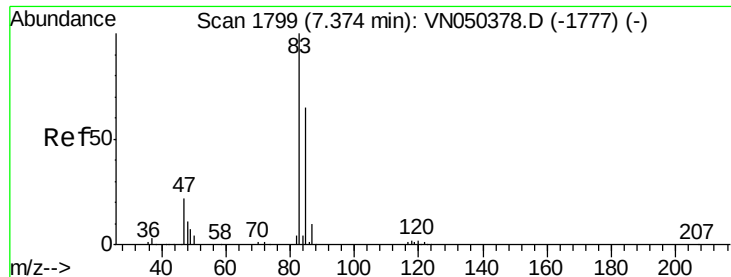
Tot Ion: 43 Resp: 14333
Ion Ratio Lower Upper
43 100
74 20.5 19.2 28.8



#20
Methylene Chloride
Concen: 65.47 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Tgt Ion: 84 Resp: 519884
Ion Ratio Lower Upper
84 100
49 118.1 94.8 142.2
51 35.6 28.3 42.5
86 62.5 51.0 76.6

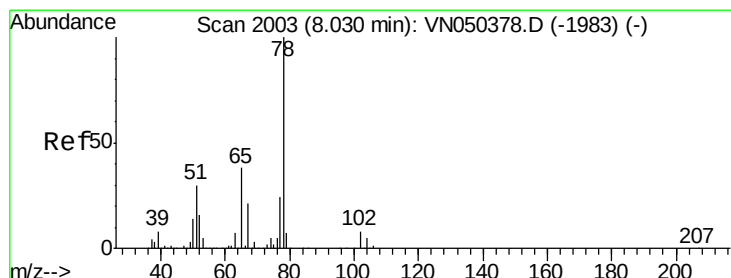
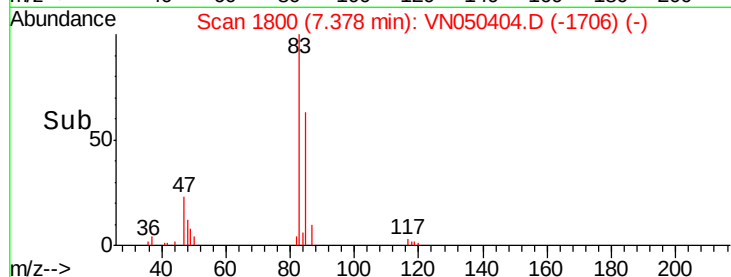
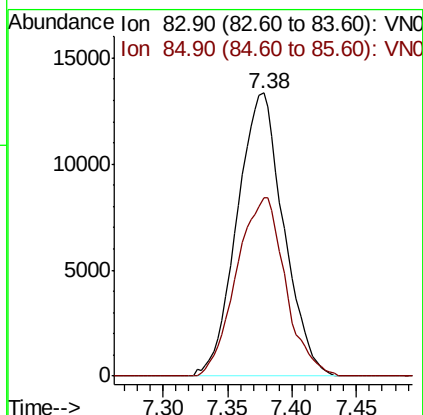
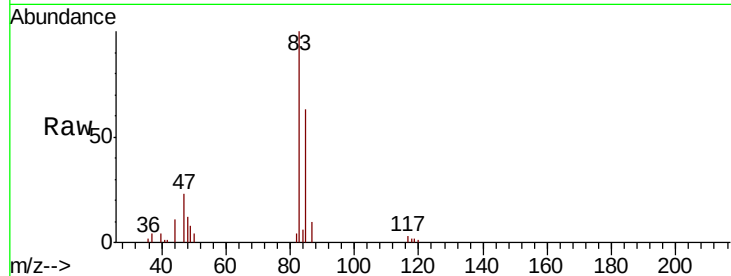




#30
Chloroform
Concen: 2.35 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

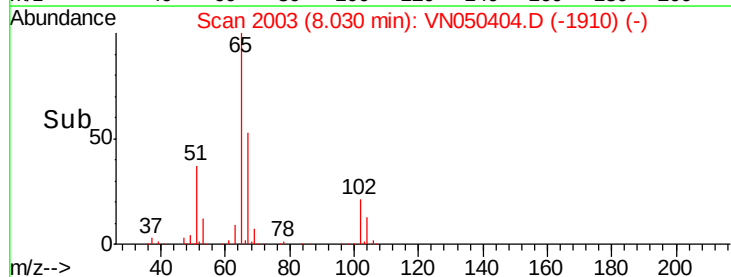
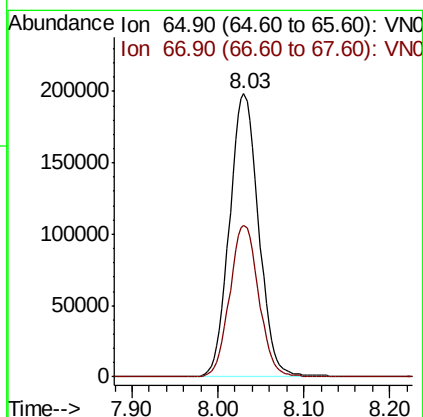
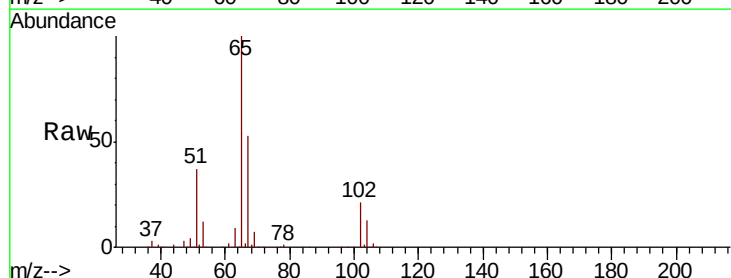
Instrument :
MSVOA_N
ClientSampleId :
OR-02-080318-B

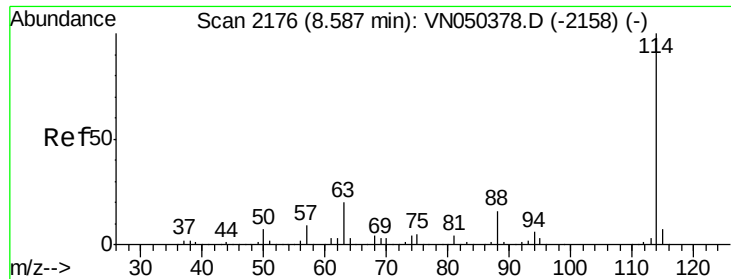
Tot Ion: 83 Resp: 33513
Ion Ratio Lower Upper
83 100
85 62.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 53.38 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Tgt Ion: 65 Resp: 468199
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4

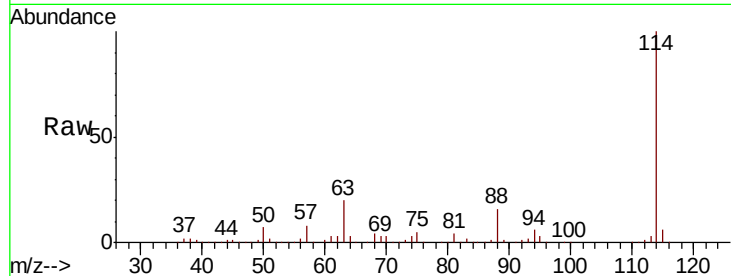




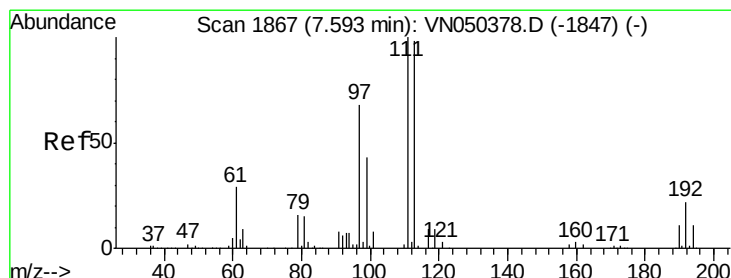
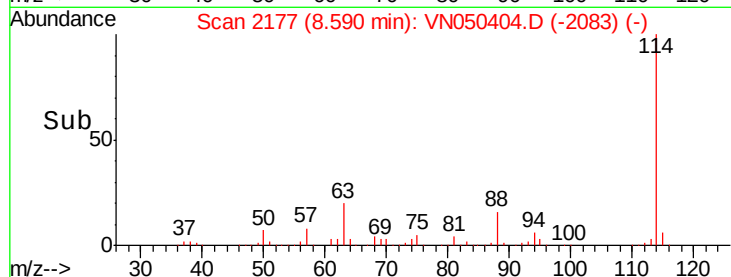
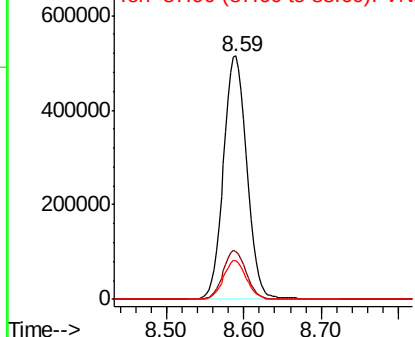
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050404.D
 Acq: 7 Aug 2018 00:33

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-080318-B

Tot Ion:114 Resp: 1081154
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.9 0.0 31.2

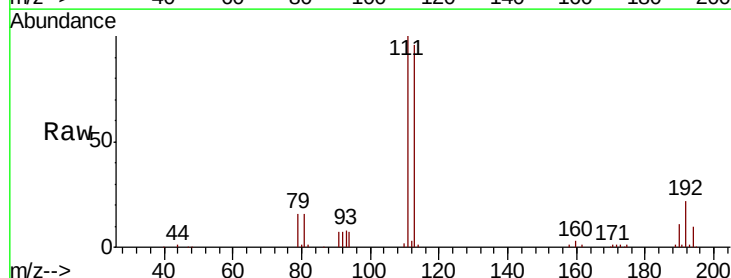


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

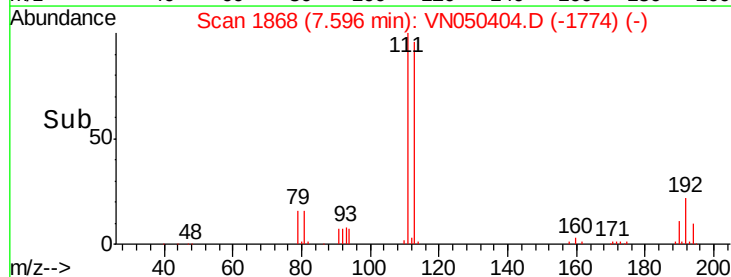
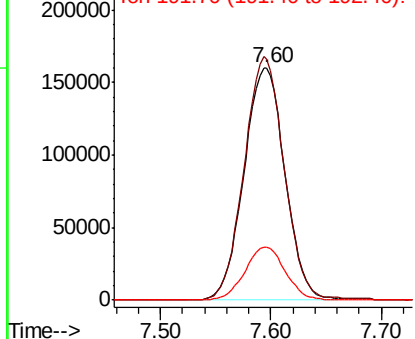


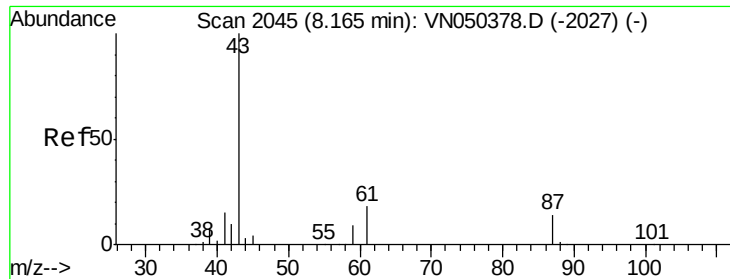
#35
 Dibromofluoromethane
 Concen: 47.52 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050404.D
 Acq: 7 Aug 2018 00:33

Tgt Ion:113 Resp: 412197
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.7 121.1
 192 22.5 17.8 26.6



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





#43

Isopropyl Acetate

Concen: 14.62 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050404.D

Acq: 7 Aug 2018 00:33

Instrument :

MSVOA_N

ClientSampleId :

OR-02-080318-B

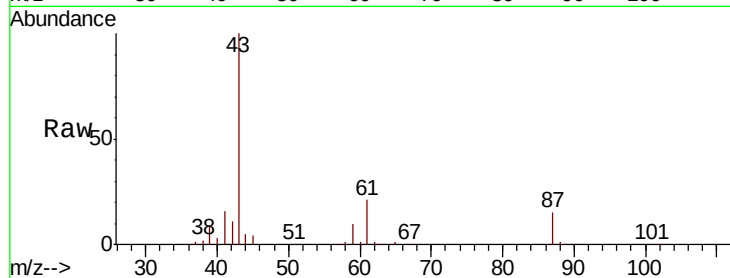
Tot Ion: 43 Resp: 215880

Ion Ratio Lower Upper

43 100

61 19.2 15.8 23.6

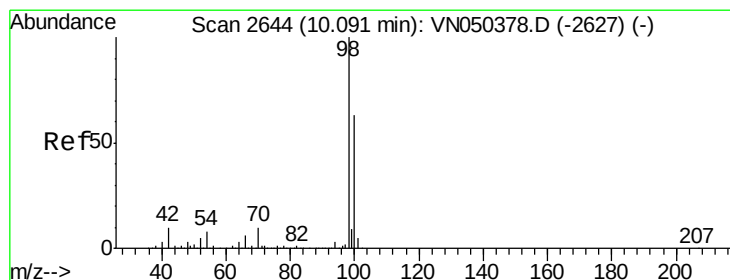
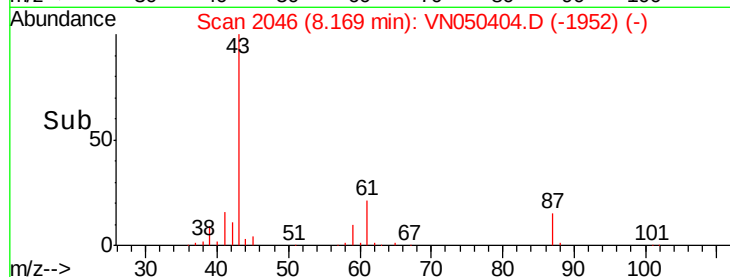
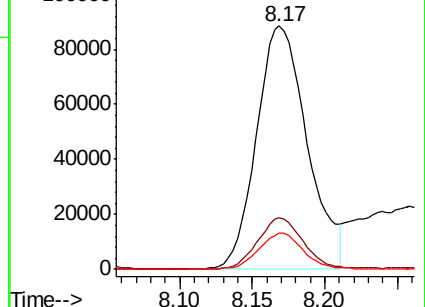
87 13.1 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.25 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050404.D

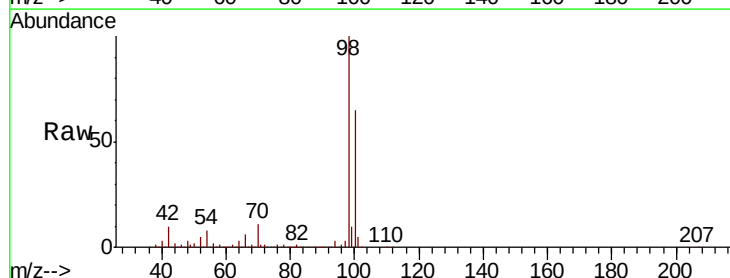
Acq: 7 Aug 2018 00:33

Tgt Ion: 98 Resp: 1476031

Ion Ratio Lower Upper

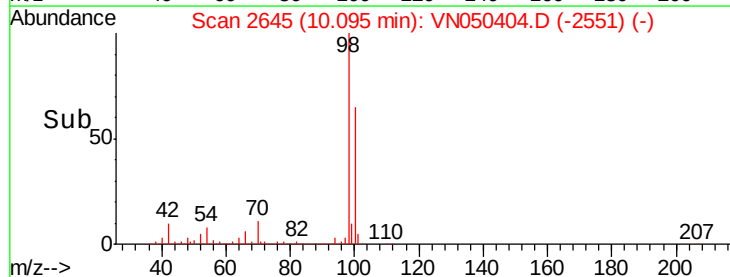
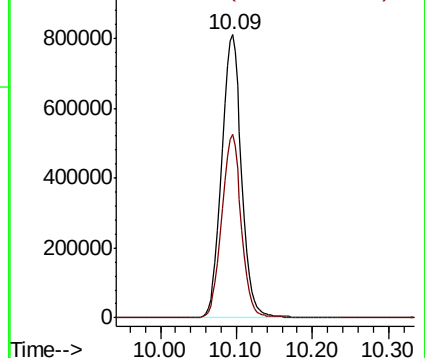
98 100

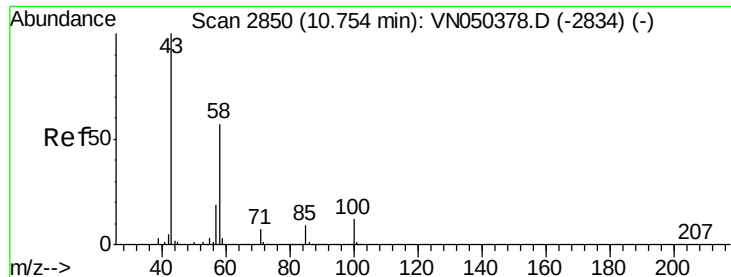
100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

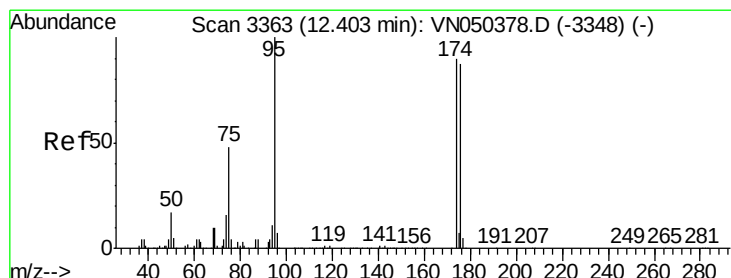
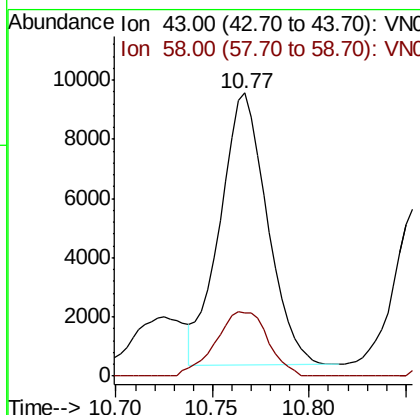
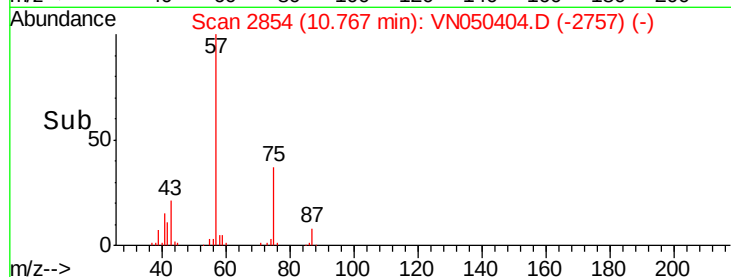
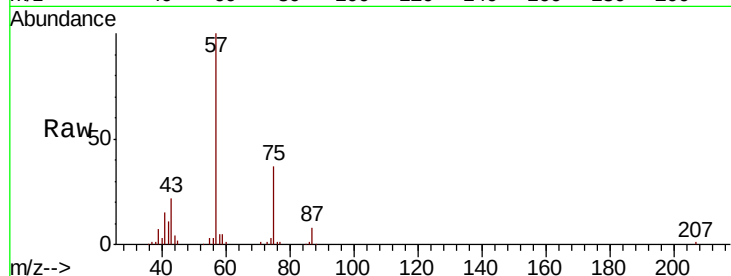




#59
2-Hexanone
Concen: 2.11 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

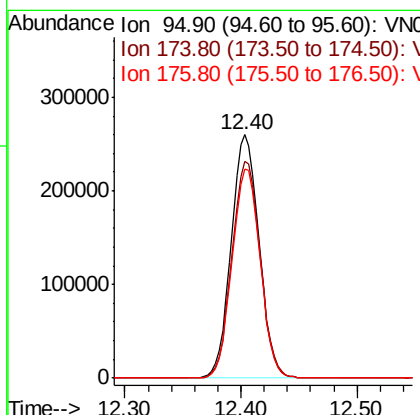
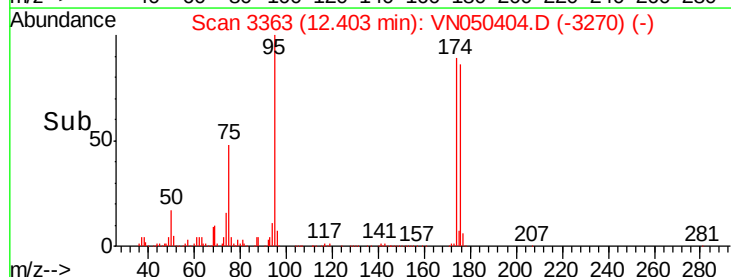
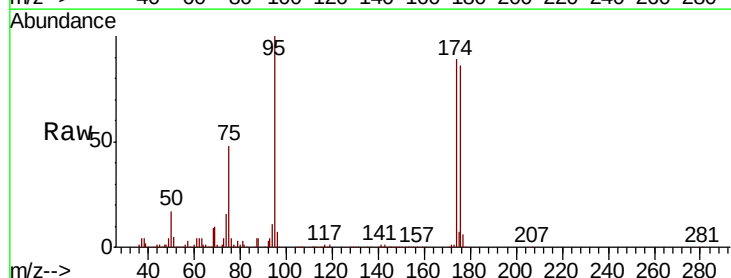
Instrument :
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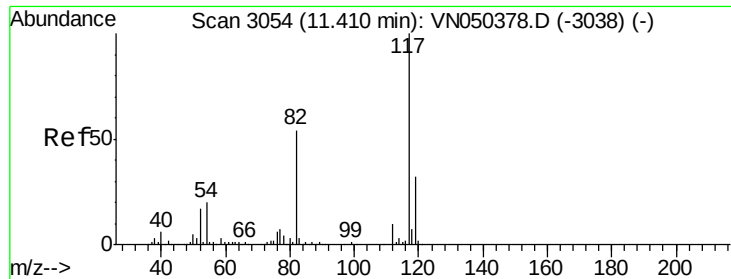
Tot Ion: 43 Resp: 15649
Ion Ratio Lower Upper
43 100
58 26.1 27.6 82.7#



#62
4-Bromofluorobenzene
Concen: 38.75 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Tgt Ion: 95 Resp: 430731
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 87.0 0.0 173.4

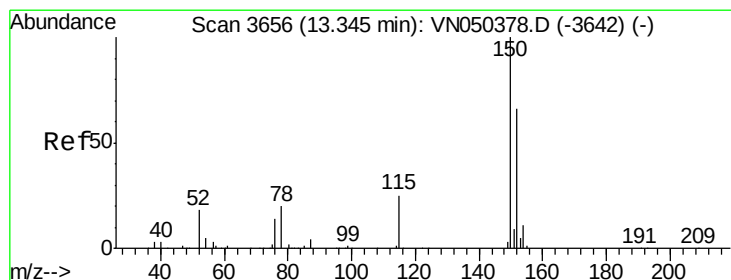
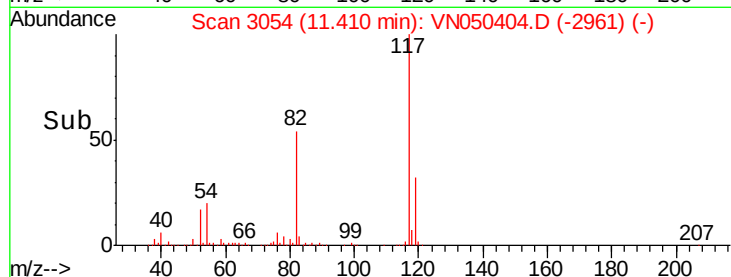
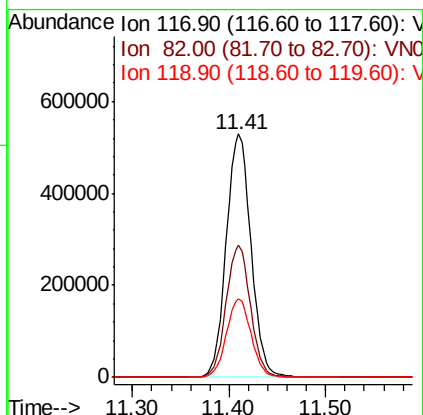
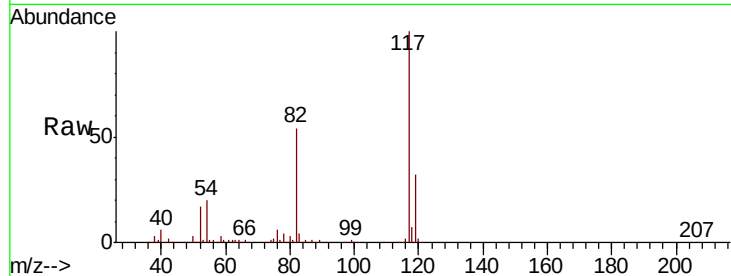




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

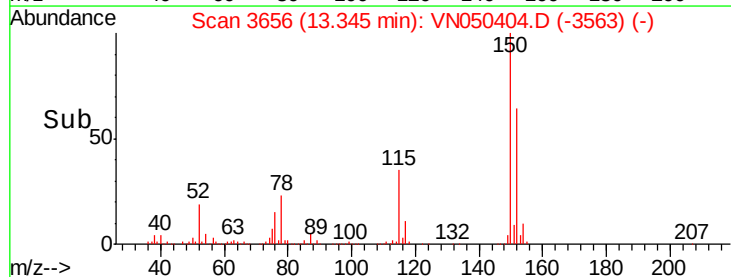
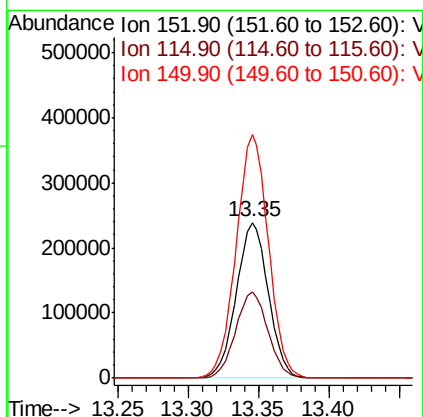
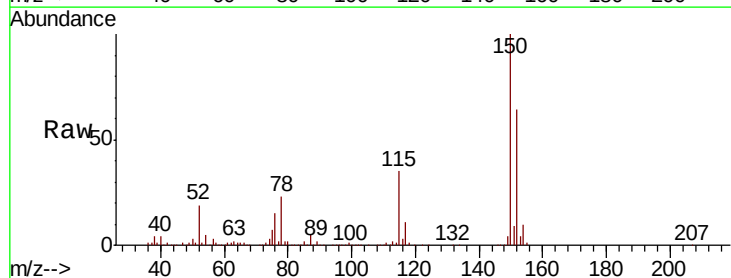
Instrument :
MSVOA_N
ClientSampled :
OR-02-080318-B

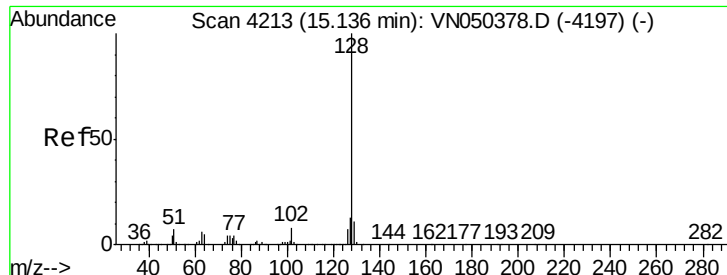
Tot Ion:117 Resp: 940593
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Tgt Ion:152 Resp: 380384
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.3
150 157.4 0.0 348.6

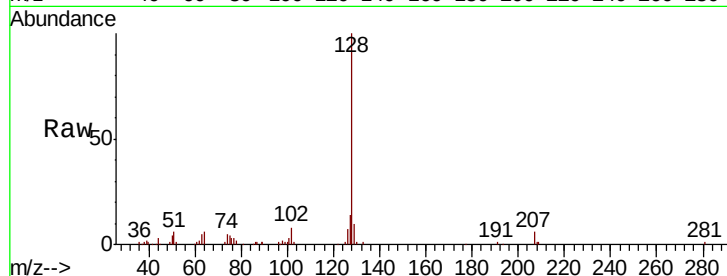




#95
Naphthalene
Concen: 7.68 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050404.D
Acq: 7 Aug 2018 00:33

Instrument :
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ClientSampleId :
OR-02-080318-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.5	8.8	13.2



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

