

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054187.D
 Acq On : 13 Mar 2019 2:36
 Operator : JC/SP
 Sample : K1849-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WINDOW-GLASS

Quant Time: Mar 13 08:37:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

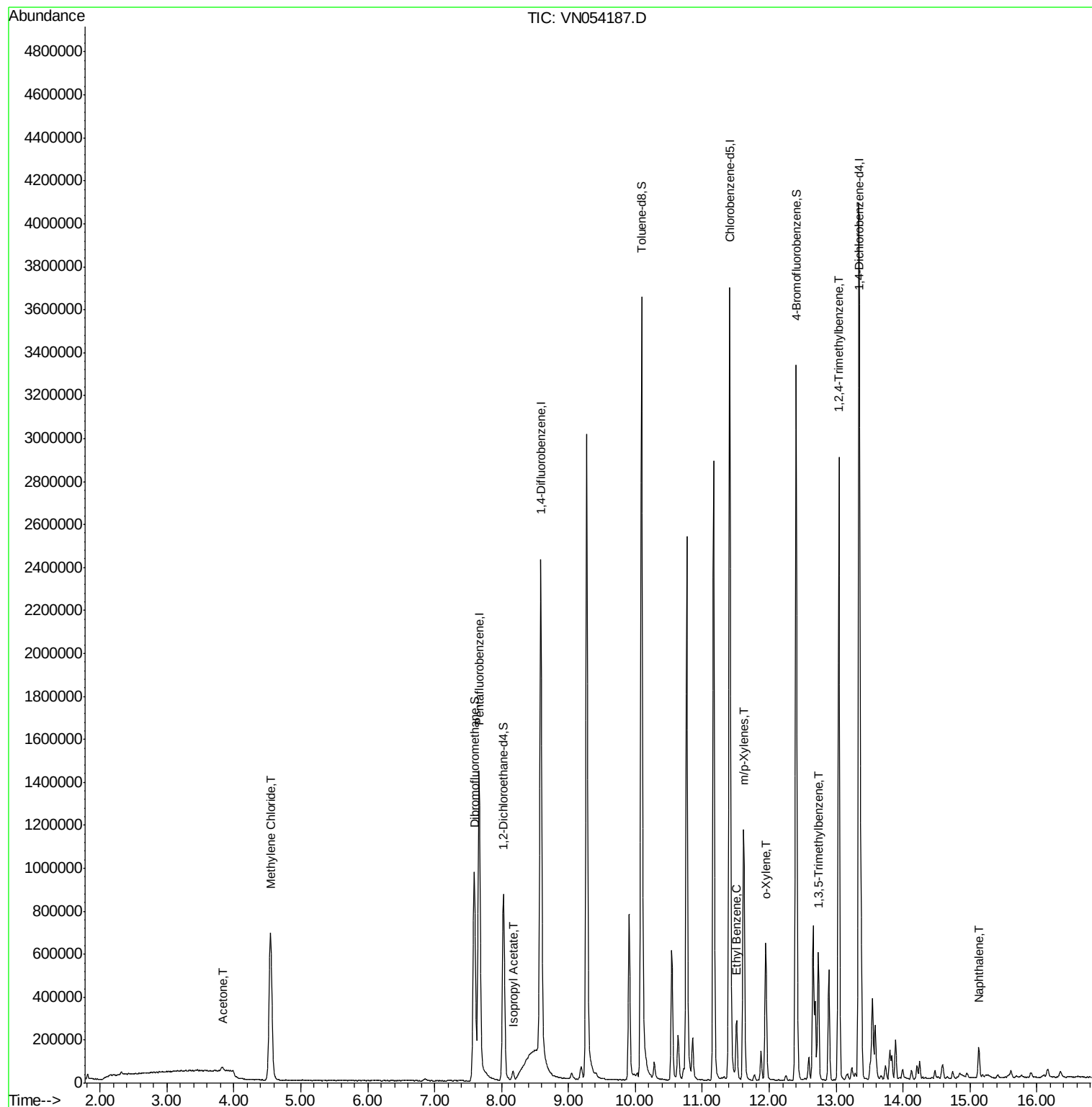
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1439851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2357562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2498093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1189521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	774485	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	7.59	113	740970	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	10.09	98	2922769	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.40	95	1169248	59.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.02%	
Target Compounds						
16) Acetone	3.82	43	24939	5.696	ug/l	91
20) Methylene Chloride	4.55	84	551644	38.372	ug/l	99
43) Isopropyl Acetate	8.17	43	49625	2.266	ug/l	98
67) Ethyl Benzene	11.51	91	211417	2.325	ug/l	99
68) m/p-Xylenes	11.62	106	404012	11.368	ug/l	96
69) o-Xylene	11.95	106	189192	5.461	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	338069	4.271	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1676983	21.594	ug/l	100
95) Naphthalene	15.13	128	129986	5.788	ug/l	99

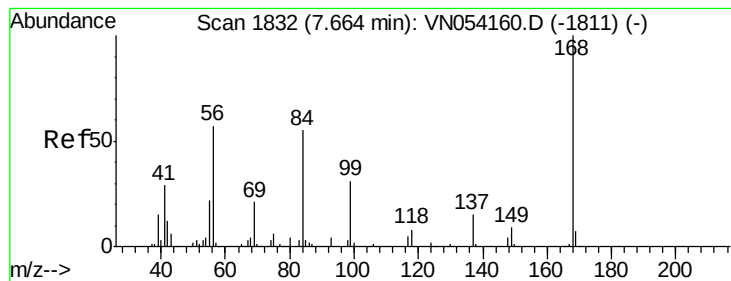
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
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QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054187.D

Acq: 13 Mar 2019 2:36

Instrument :

MSVOA_N

ClientSampleId :

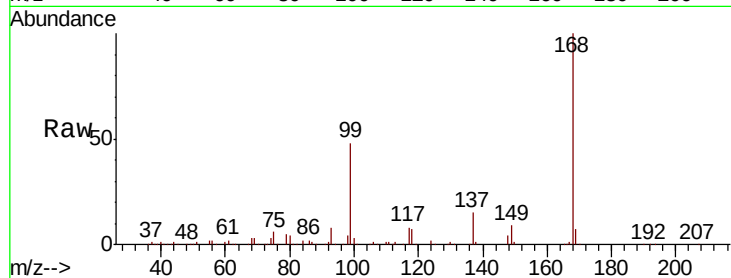
WINDOW-GLASS

Tgt Ion:168 Resp: 1439851

Ion Ratio Lower Upper

168 100

99 47.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

600000

500000

400000

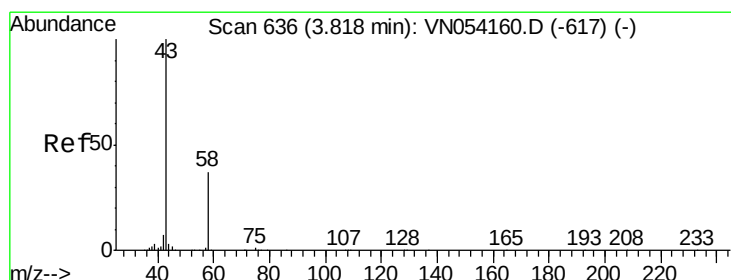
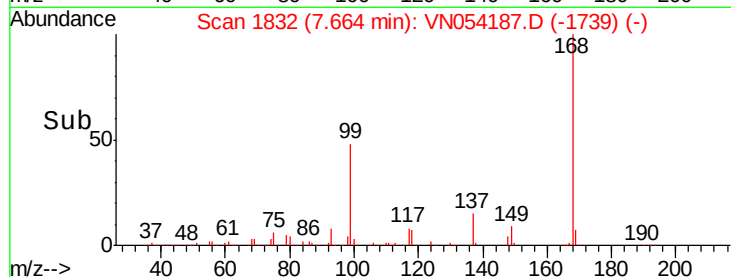
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 5.696 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054187.D

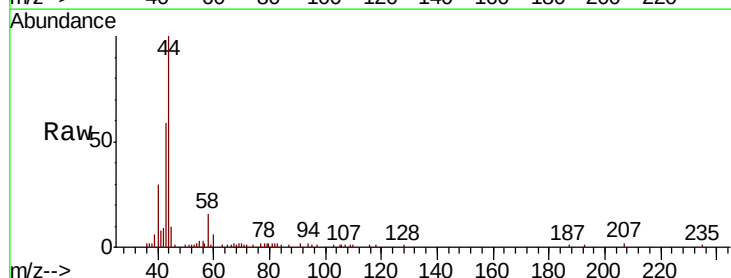
Acq: 13 Mar 2019 2:36

Tgt Ion: 43 Resp: 24939

Ion Ratio Lower Upper

43 100

58 31.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

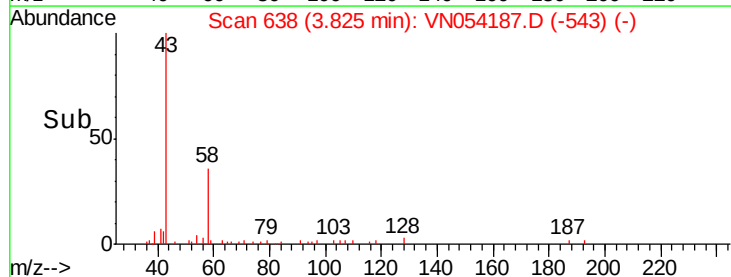
15000

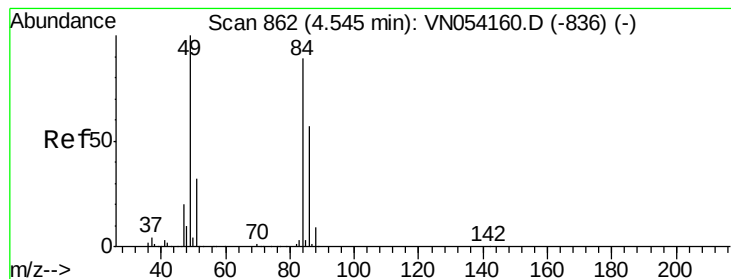
10000

5000

0

Time--> 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 38.372 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054187.D

Acq: 13 Mar 2019 2:36

Instrument :

MSVOA_N

ClientSampleId :

WINDOW-GLASS

Tgt Ion: 84 Resp: 551644

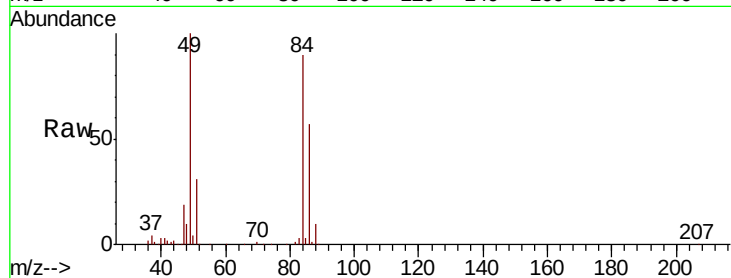
Ion Ratio Lower Upper

84 100

49 110.7 89.7 134.5

51 33.8 28.2 42.4

86 63.1 50.8 76.2



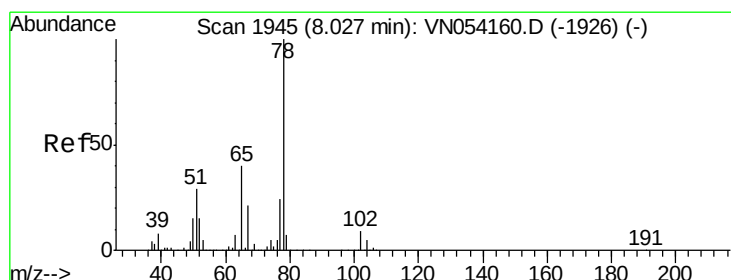
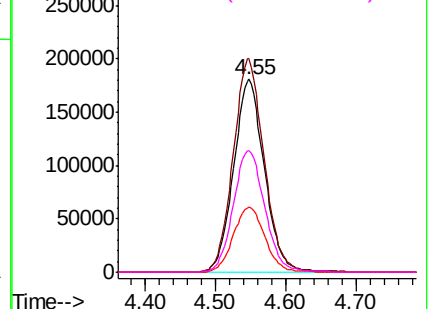
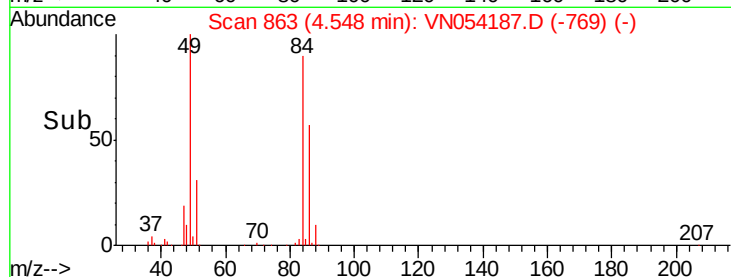
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.649 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054187.D

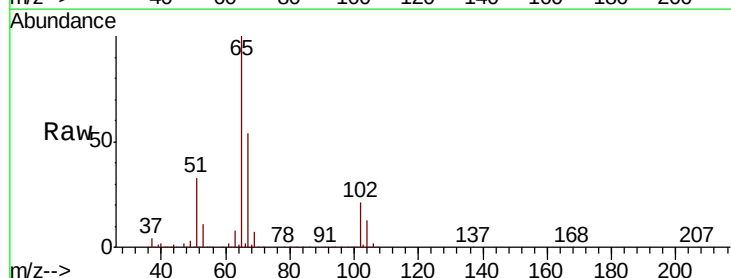
Acq: 13 Mar 2019 2:36

Tgt Ion: 65 Resp: 774485

Ion Ratio Lower Upper

65 100

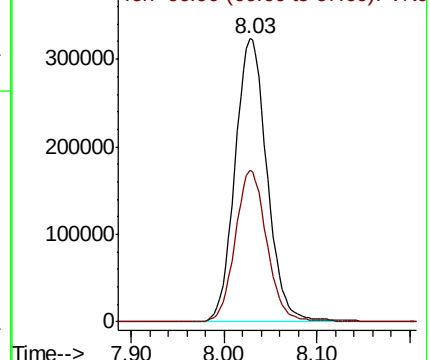
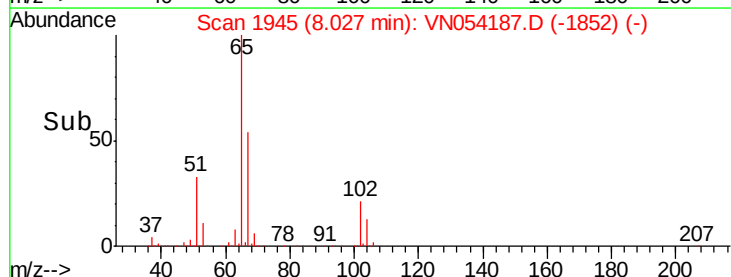
67 53.0 0.0 104.6

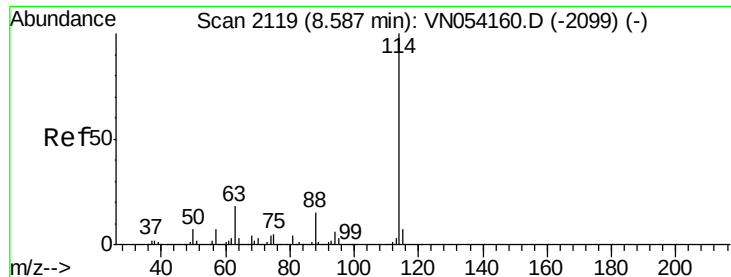


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



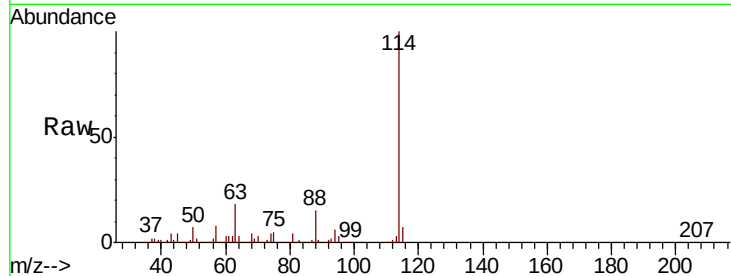


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054187.D
 Acq: 13 Mar 2019 2:36

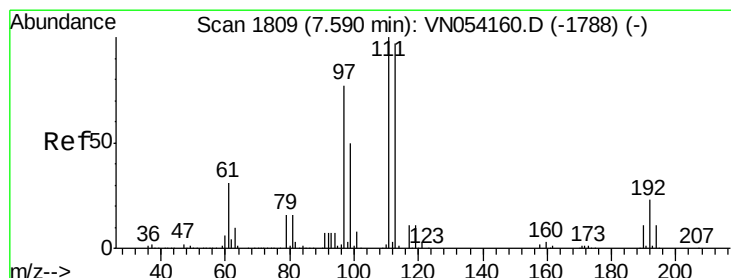
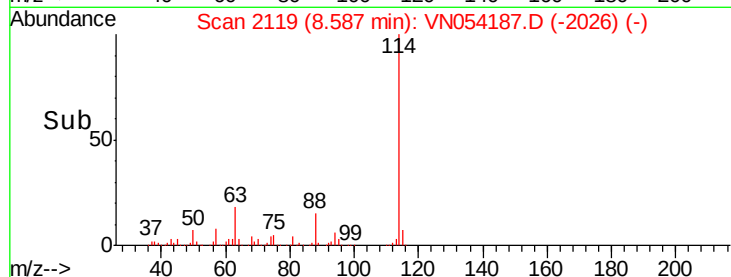
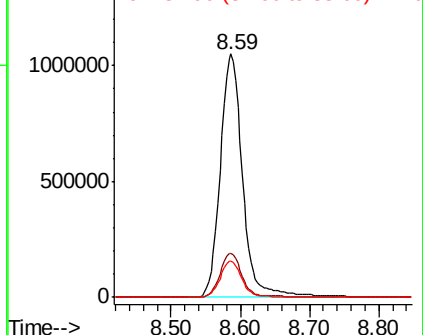
Instrument :
 MSVOA_N
 ClientSampleId :
 WINDOW-GLASS

Tgt Ion:114 Resp: 2357562

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.2
88	14.7	0.0	30.2



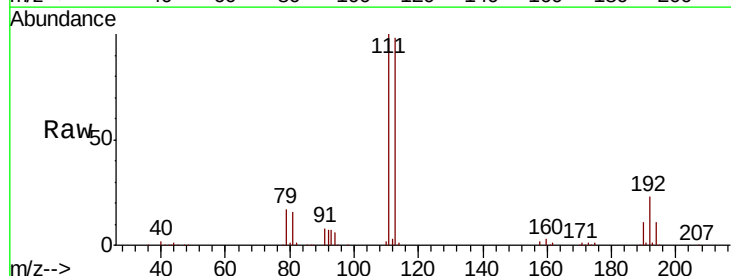
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



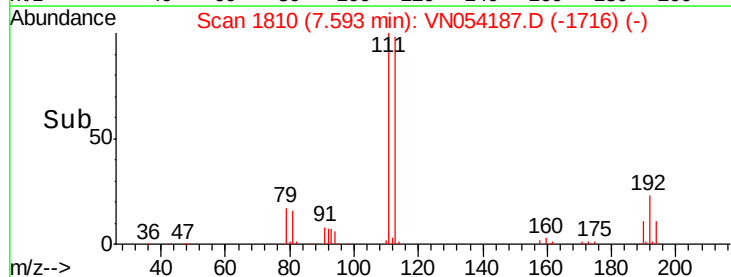
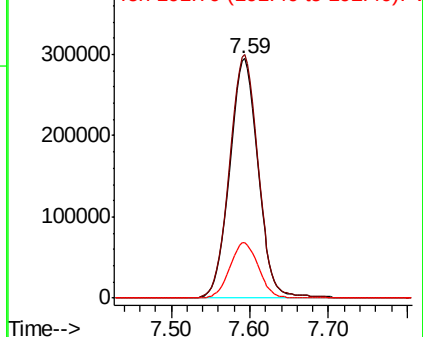
#35
 Dibromofluoromethane
 Concen: 48.731 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054187.D
 Acq: 13 Mar 2019 2:36

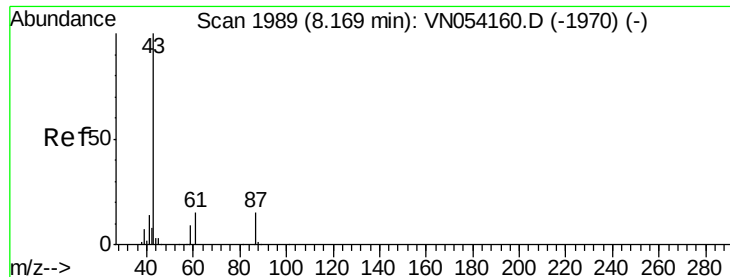
Tgt Ion:113 Resp: 740970

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	23.4	19.2	28.8



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: 2.266 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054187.D

Acq: 13 Mar 2019 2:36

Instrument :

MSVOA_N

ClientSampleId :

WINDOW-GLASS

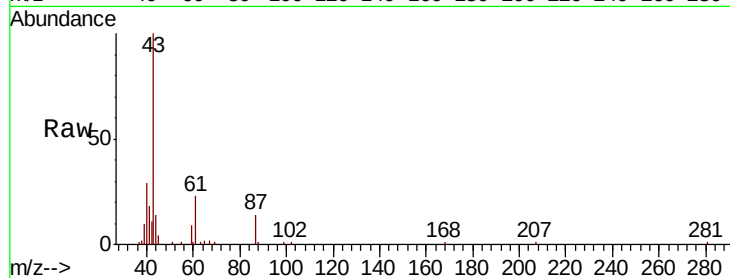
Tgt Ion: 43 Resp: 49625

Ion Ratio Lower Upper

43 100

61 21.3 15.8 23.8

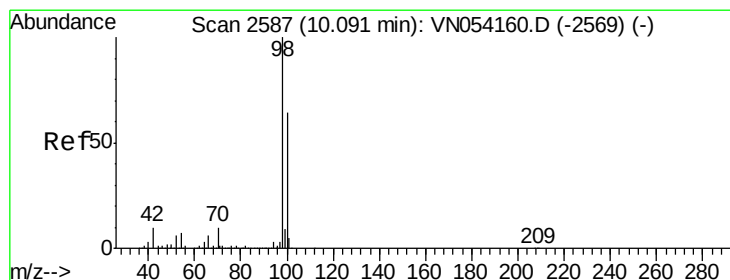
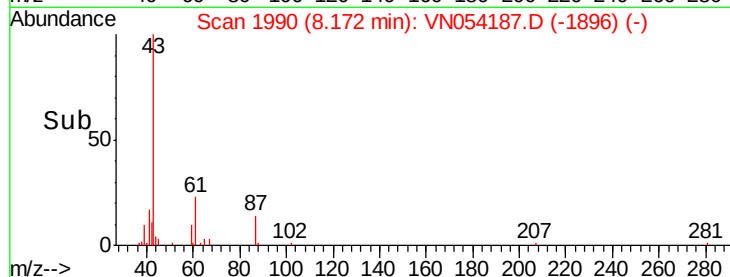
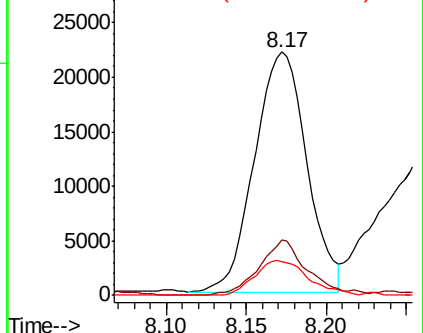
87 14.9 12.0 18.0



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: 52.048 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054187.D

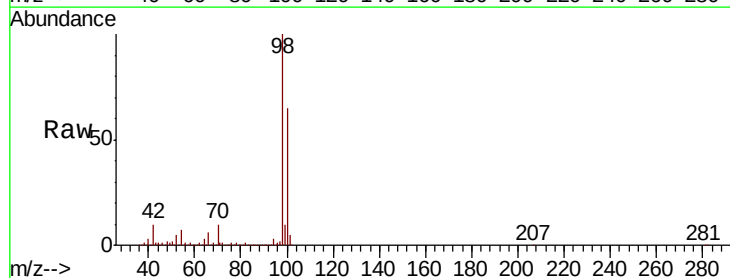
Acq: 13 Mar 2019 2:36

Tgt Ion: 98 Resp: 2922769

Ion Ratio Lower Upper

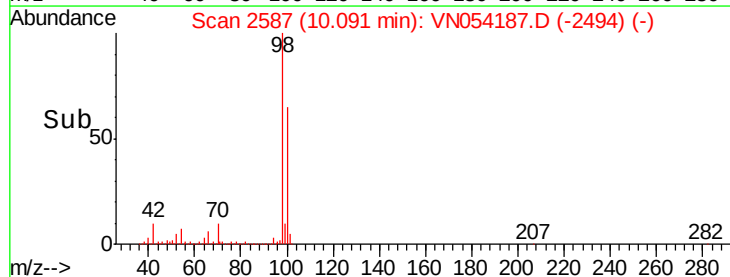
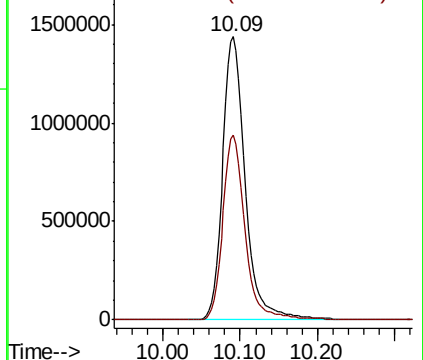
98 100

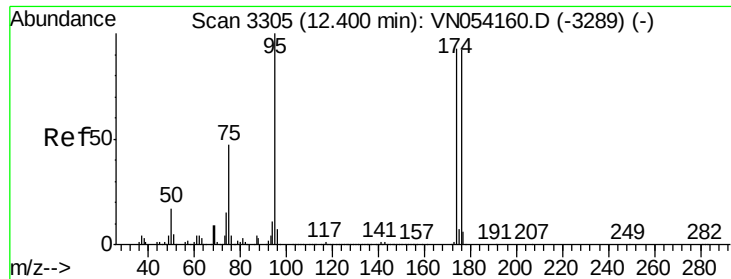
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

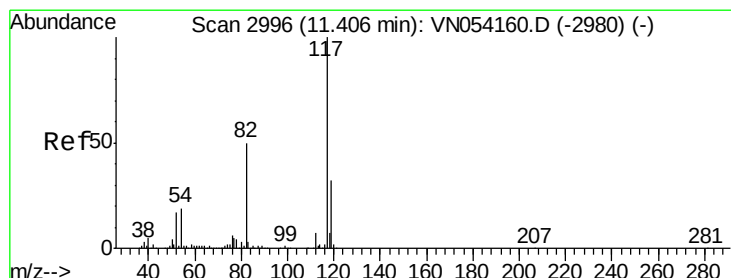
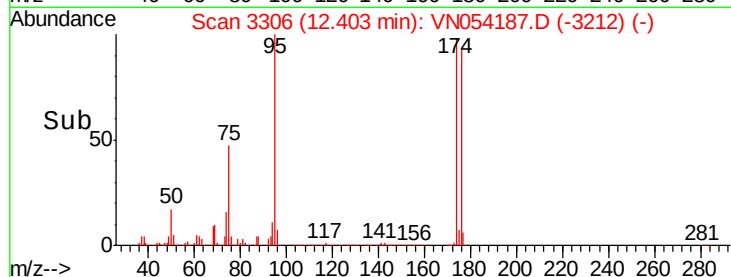
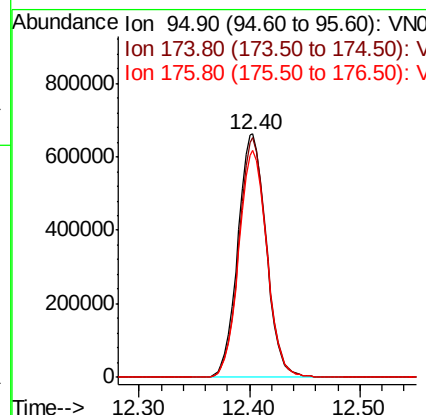
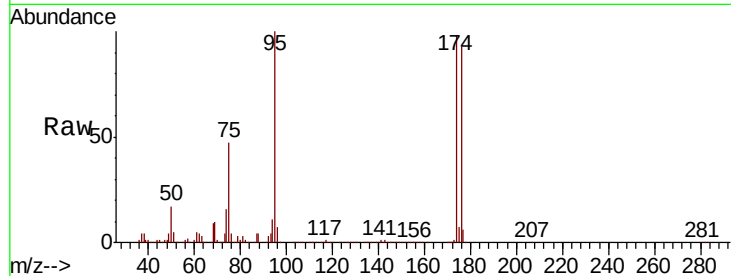




#62
4-Bromofluorobenzene
Concen: 59.507 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054187.D
Acq: 13 Mar 2019 2:36

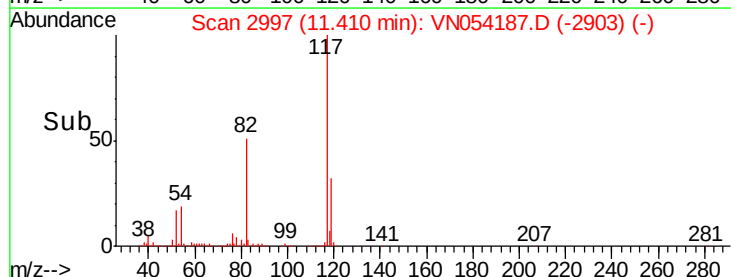
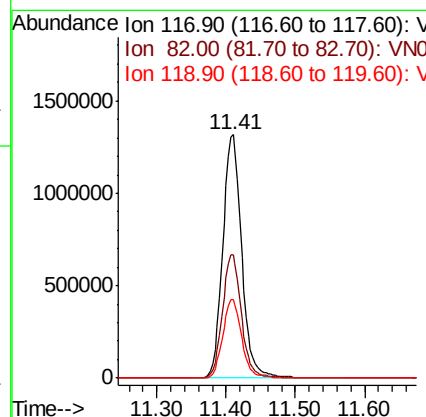
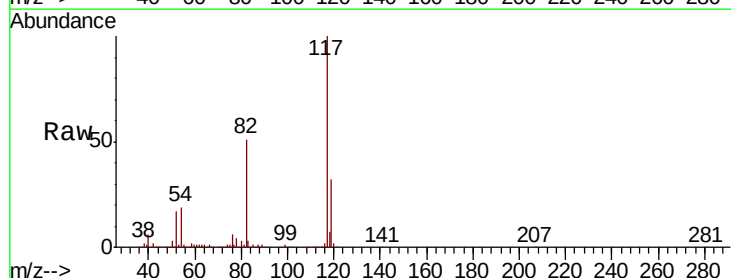
Instrument :
MSVOA_N
ClientSampleId :
WINDOW-GLASS

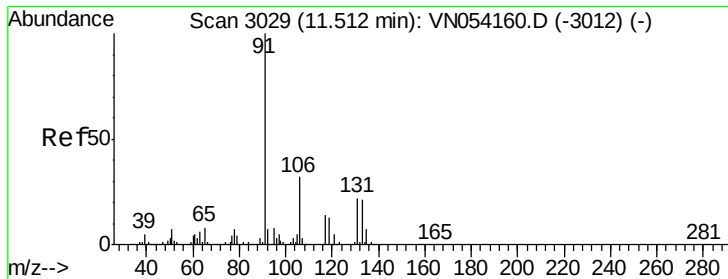
Tgt Ion: 95 Resp: 1169248
Ion Ratio Lower Upper
95 100
174 97.0 0.0 191.0
176 93.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054187.D
Acq: 13 Mar 2019 2:36

Tgt Ion: 117 Resp: 2498093
Ion Ratio Lower Upper
117 100
82 50.6 40.0 60.0
119 32.3 25.8 38.6

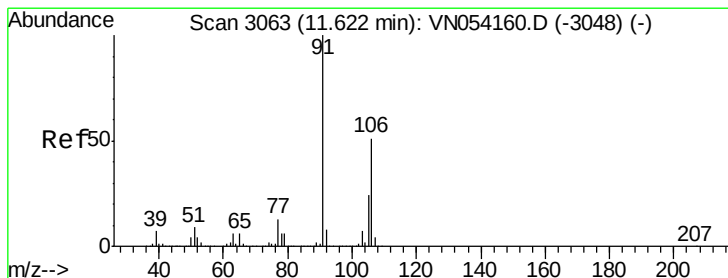
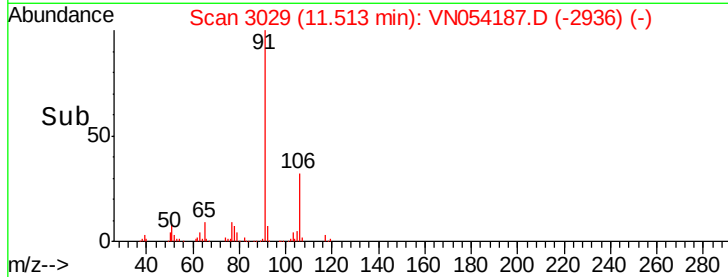
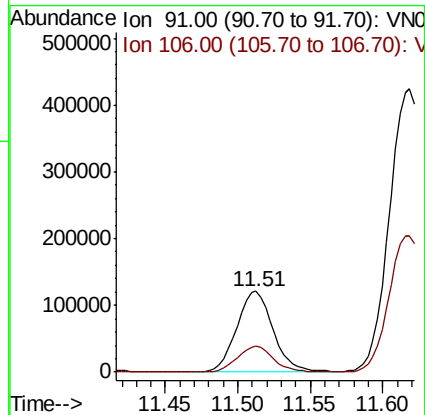
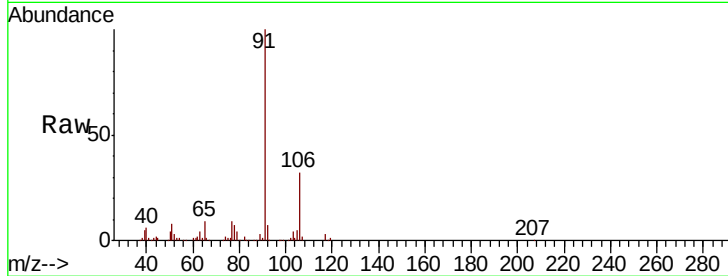




#67
Ethyl Benzene
Concen: 2.325 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054187.D
Acq: 13 Mar 2019 2:36

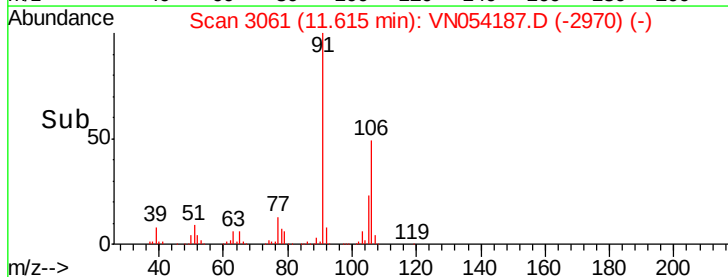
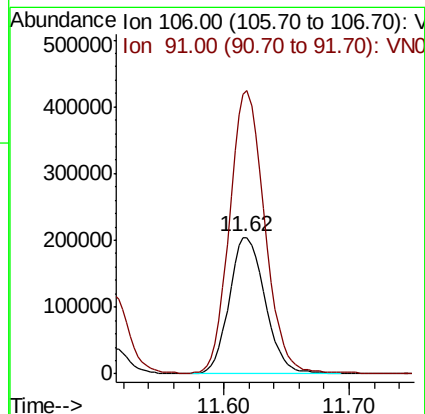
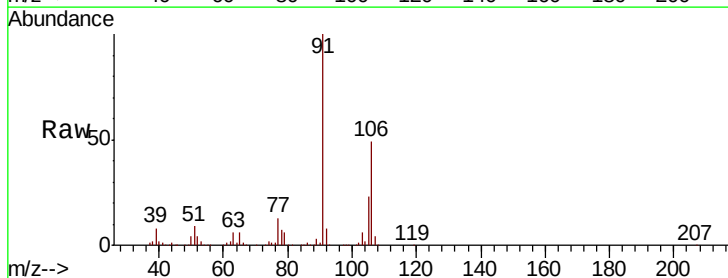
Instrument :
MSVOA_N
ClientSampleId :
WINDOW-GLASS

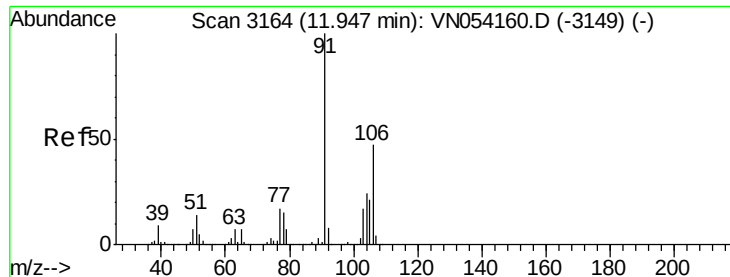
Tgt Ion: 91 Resp: 211417
Ion Ratio Lower Upper
91 100
106 32.4 25.5 38.3



#68
m/p-Xylenes
Concen: 11.368 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054187.D
Acq: 13 Mar 2019 2:36

Tgt Ion: 106 Resp: 404012
Ion Ratio Lower Upper
106 100
91 205.4 159.4 239.2

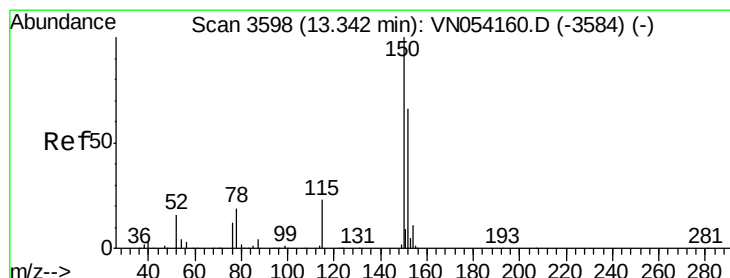
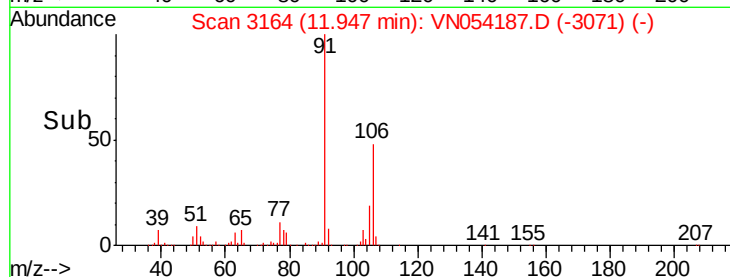
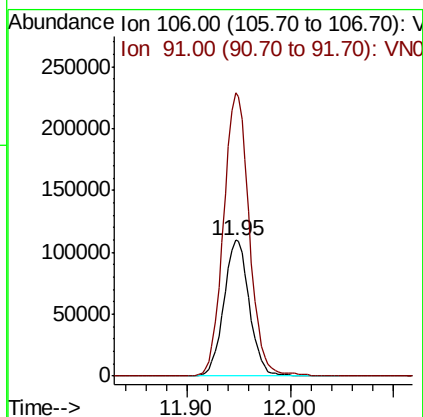
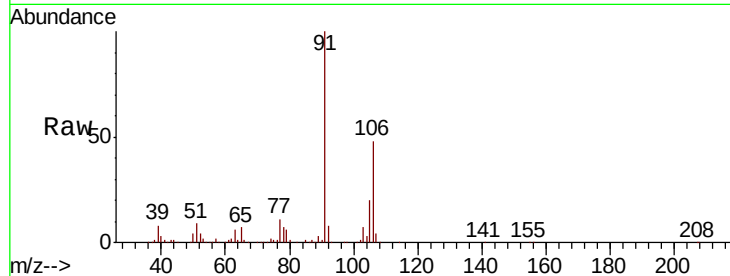




#69
o-Xylene
Concen: 5.461 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054187.D
Acq: 13 Mar 2019 2:36

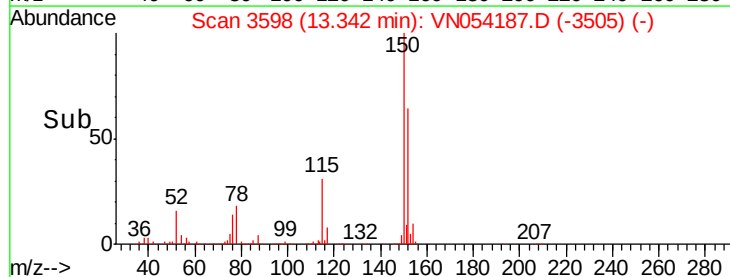
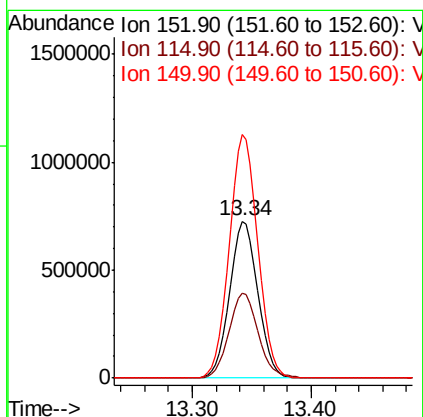
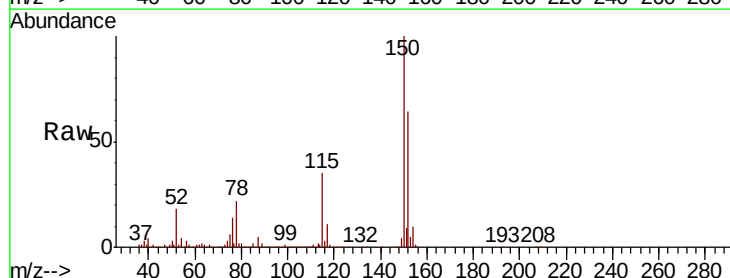
Instrument :
MSVOA_N
ClientSampleId :
WINDOW-GLASS

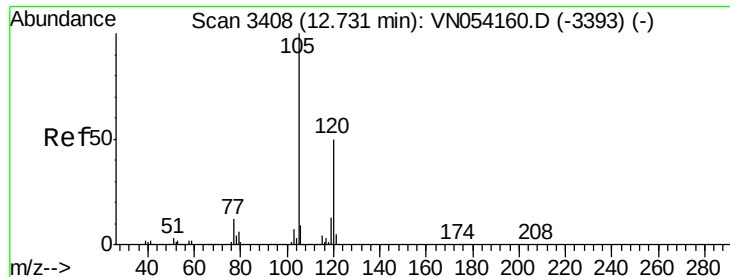
Tgt Ion:106 Resp: 189192
Ion Ratio Lower Upper
106 100
91 210.7 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054187.D
Acq: 13 Mar 2019 2:36

Tgt Ion:152 Resp: 1189521
Ion Ratio Lower Upper
152 100
115 56.1 27.2 81.6
150 156.9 0.0 349.2

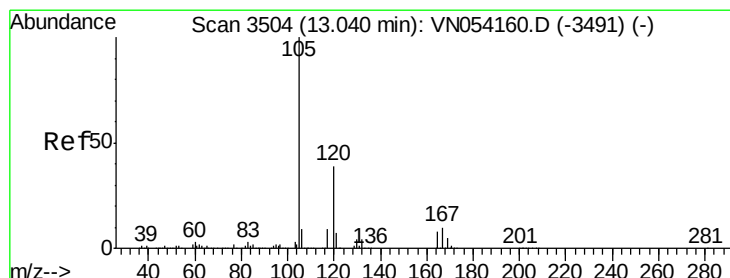
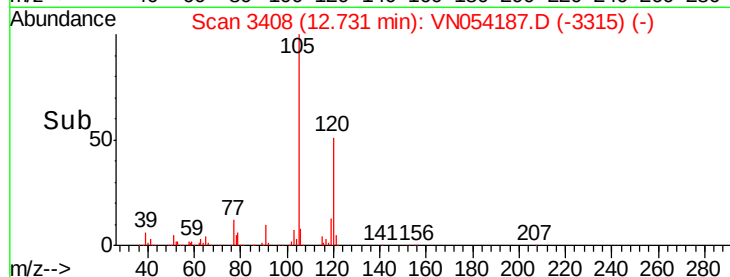
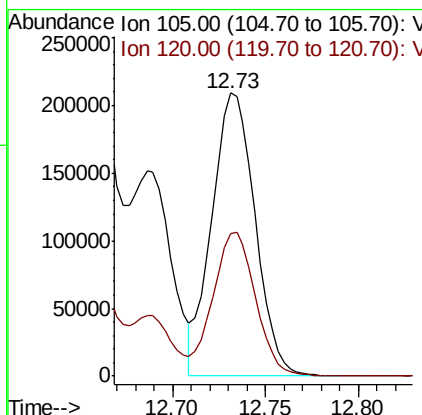
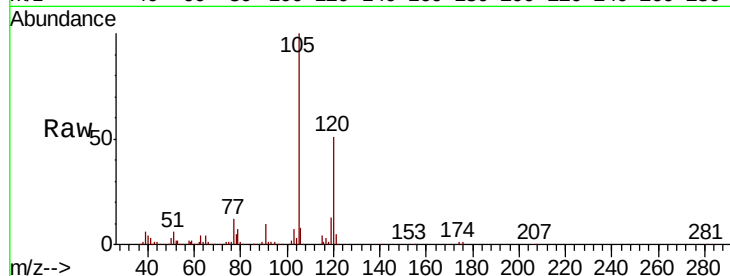




#80
 1,3,5-Trimethylbenzene
 Concen: 4.271 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN054187.D
 Acq: 13 Mar 2019 2:36

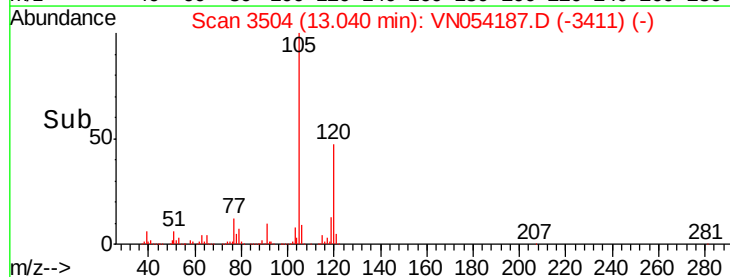
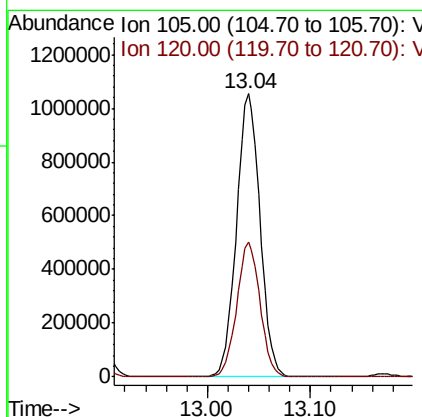
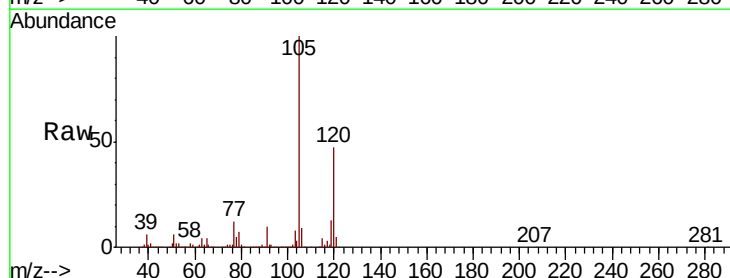
Instrument :
 MSVOA_N
 ClientSampleId :
 WINDOW-GLASS

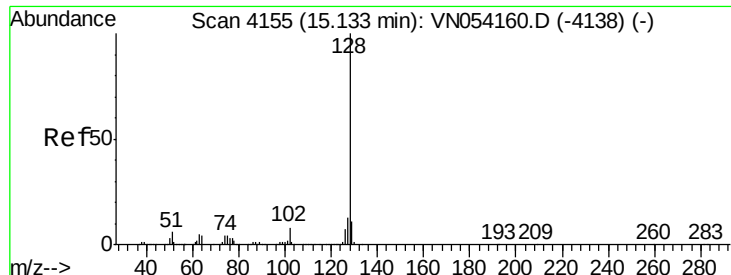
Tgt Ion:105 Resp: 338069
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.0 75.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.594 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054187.D
 Acq: 13 Mar 2019 2:36

Tgt Ion:105 Resp: 1676983
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3

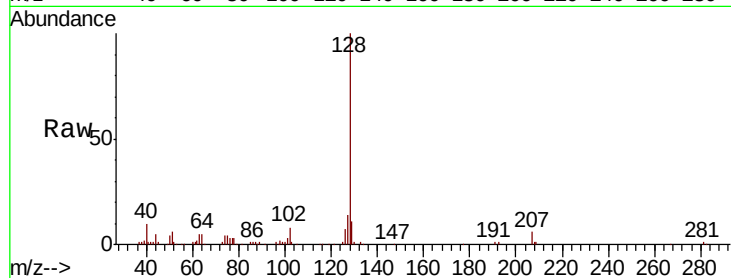




#95
Naphthalene
Concen: 5.788 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054187.D
Acq: 13 Mar 2019 2:36

Instrument :
MSVOA_N
ClientSampleId :
WINDOW-GLASS

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.0	8.7	13.1



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

