

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
 Data File : VN054466.D
 Acq On : 20 Mar 2019 16:28
 Operator : JC/SP
 Sample : K1958-03
 Misc : 7.66g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Mar 21 10:00:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 14:42:09 2019
 Response via : Initial Calibration

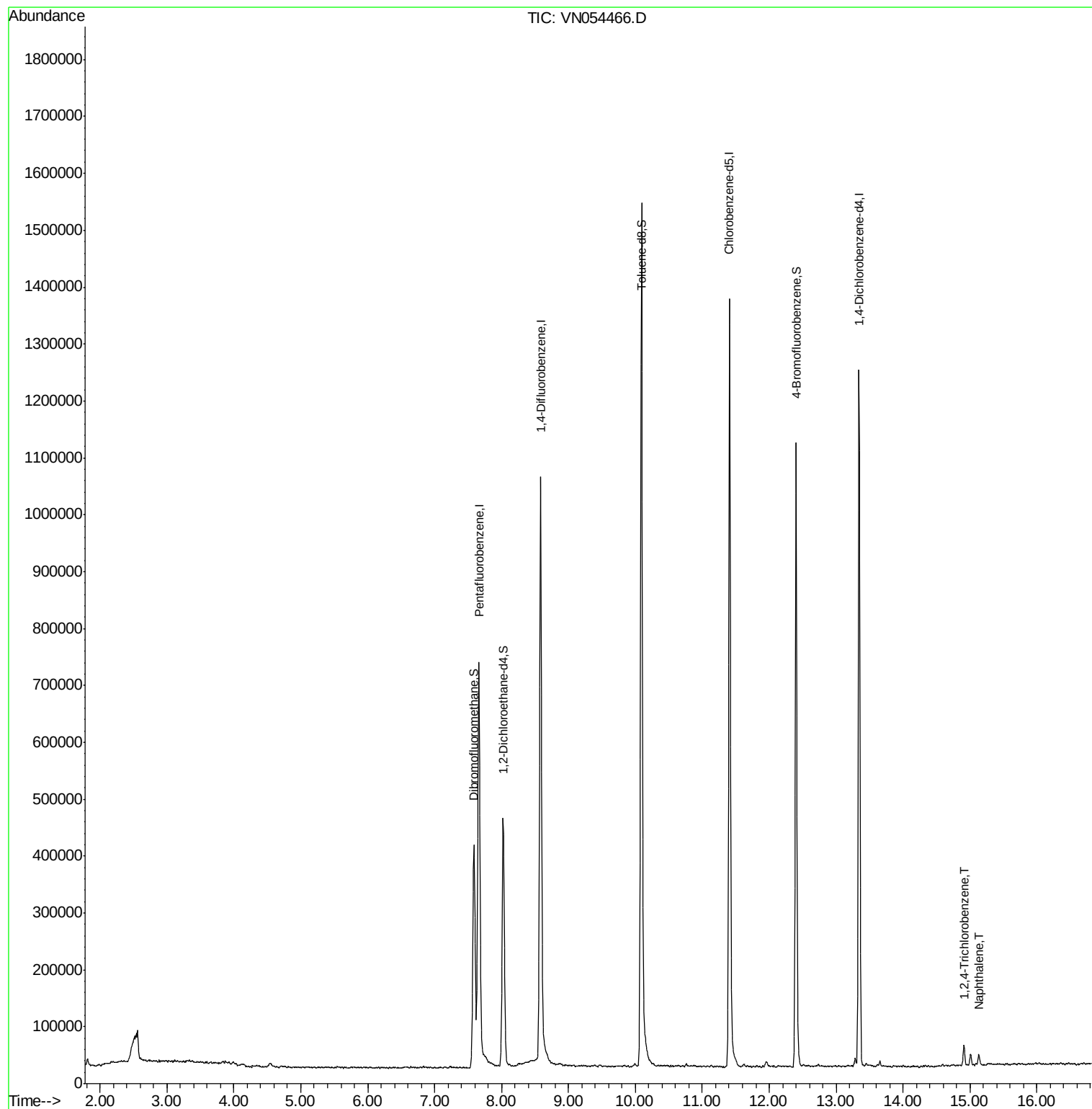
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	613851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	955598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	820057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	335080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	372359	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
35) Dibromofluoromethane	7.59	113	292088	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	10.09	98	1157340	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	372275	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
Target Compounds						
93) 1,2,4-Trichlorobenzene	14.91	180	11481	2.143	ug/l	91
95) Naphthalene	15.13	128	14454	1.209	ug/l	99

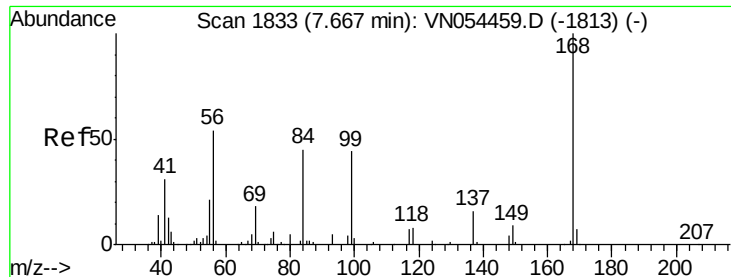
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 20 14:42:09 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054466.D

Acq: 20 Mar 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

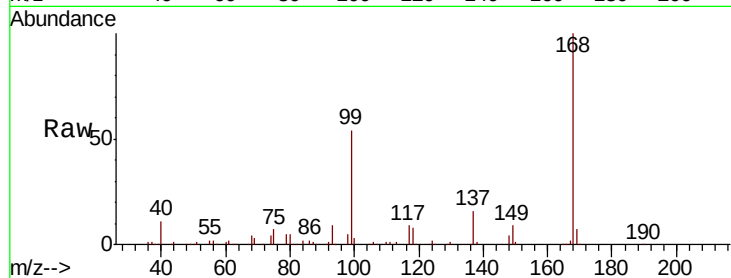
TP-2

Tot Ion:168 Resp: 613851

Ion Ratio Lower Upper

168 100

99 54.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.66

250000

200000

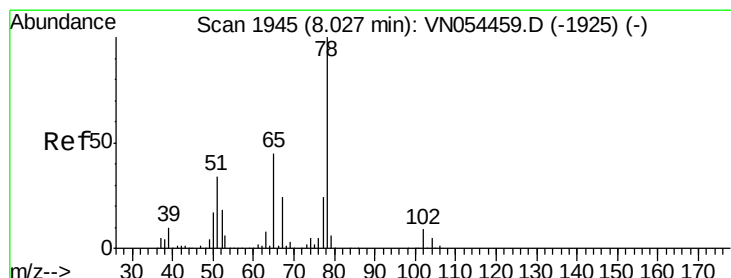
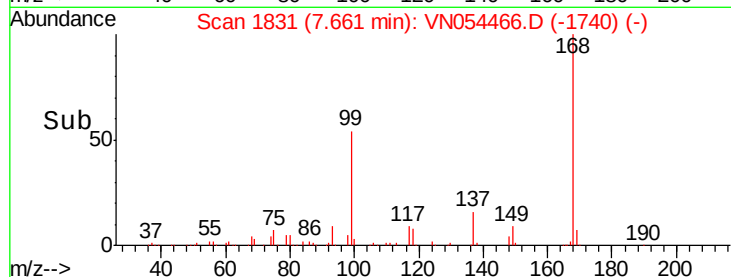
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.768 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054466.D

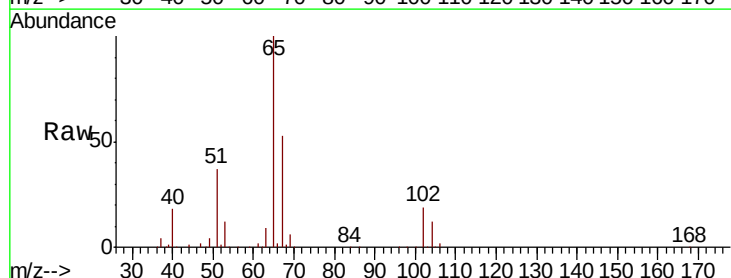
Acq: 20 Mar 2019 16:28

Tgt Ion: 65 Resp: 372359

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): V

8.02

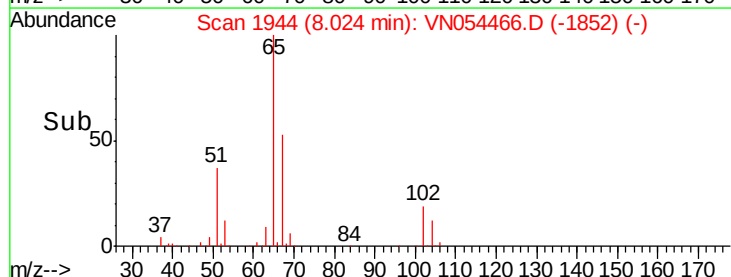
150000

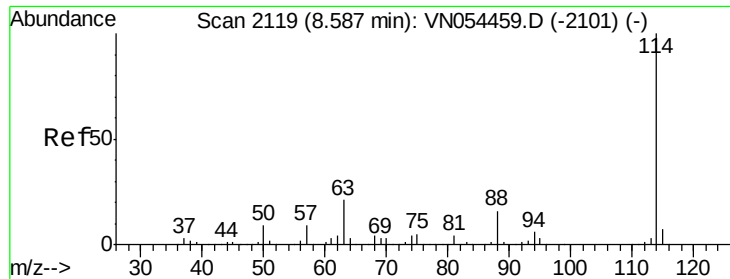
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Time-->

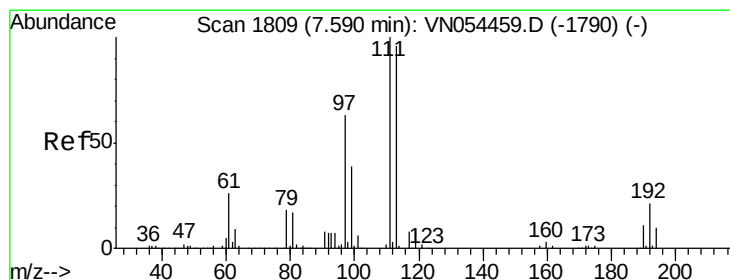
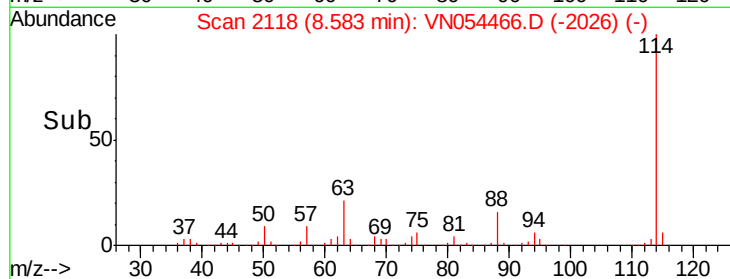
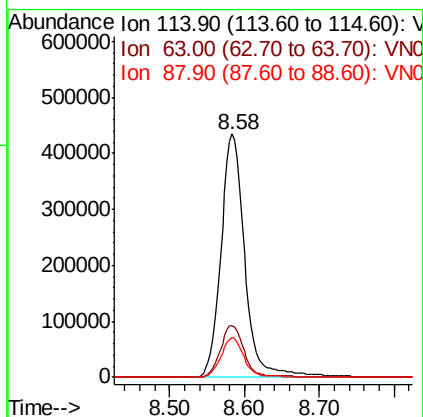
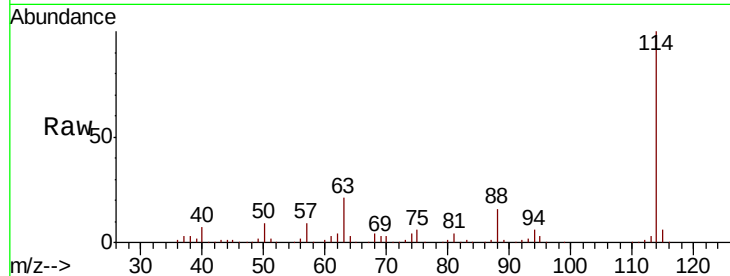




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054466.D
 Acq: 20 Mar 2019 16:28

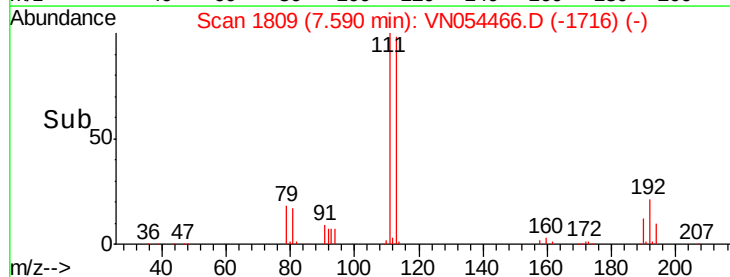
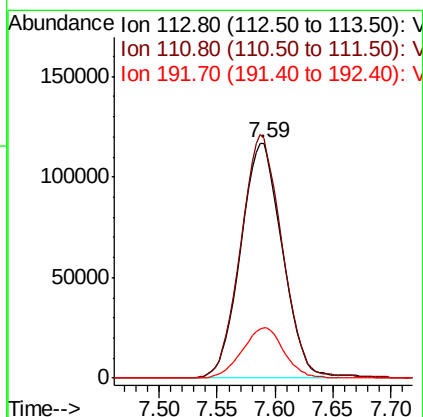
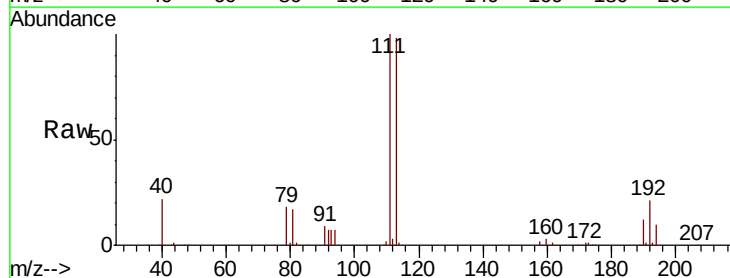
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

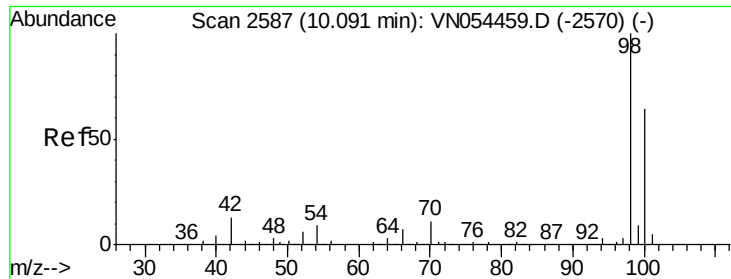
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	35.2
88	16.2	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 47.444 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054466.D
 Acq: 20 Mar 2019 16:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	21.4	19.2	28.8

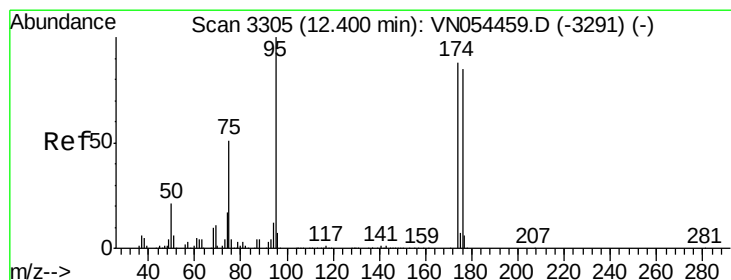
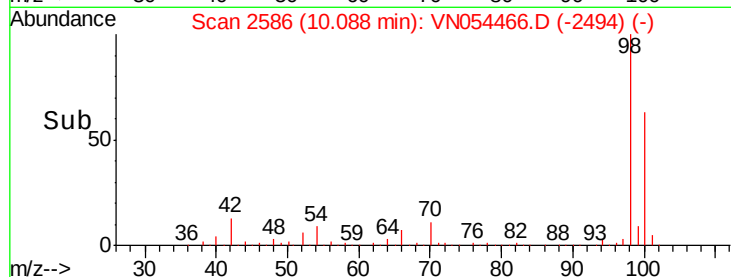
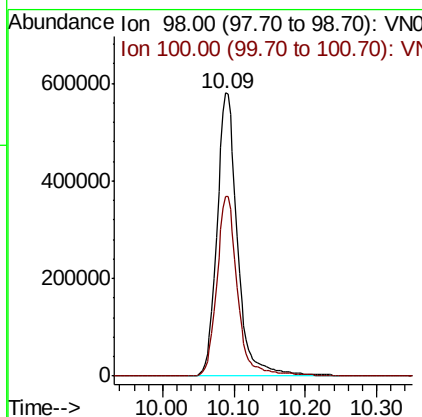
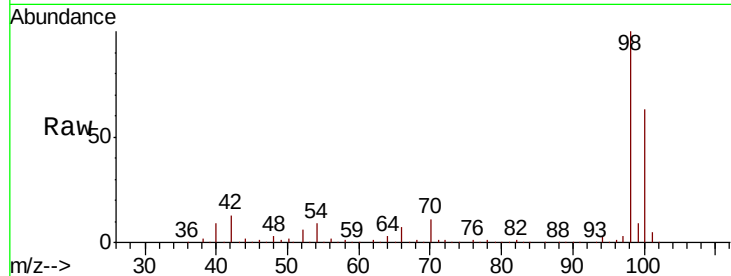




#50
Toluene-d8
Concen: 50.005 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054466.D
Acq: 20 Mar 2019 16:28

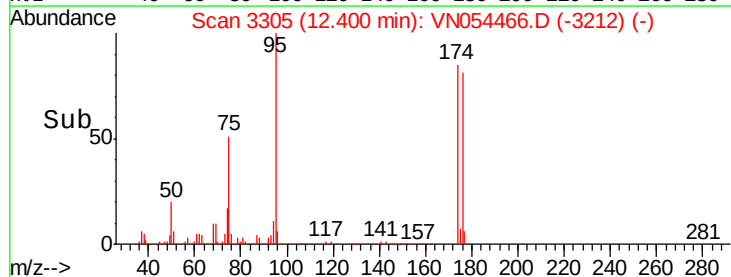
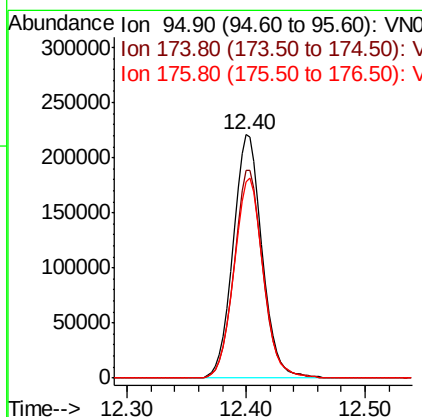
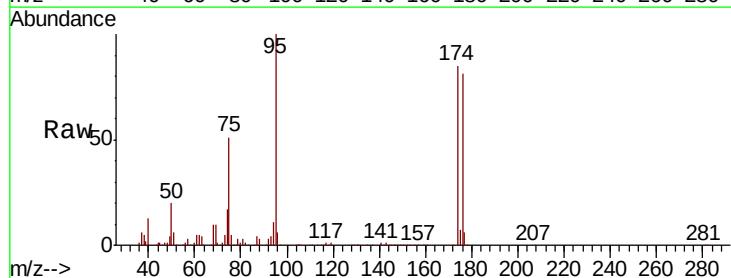
Instrument :
MSVOA_N
ClientSampleId :
TP-2

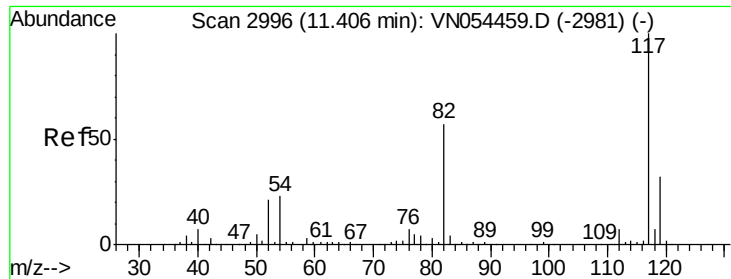
Tot Ion: 98 Resp: 1157340
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 47.269 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054466.D
Acq: 20 Mar 2019 16:28

Tgt Ion: 95 Resp: 372275
Ion Ratio Lower Upper
95 100
174 84.9 0.0 191.0
176 83.1 0.0 187.4

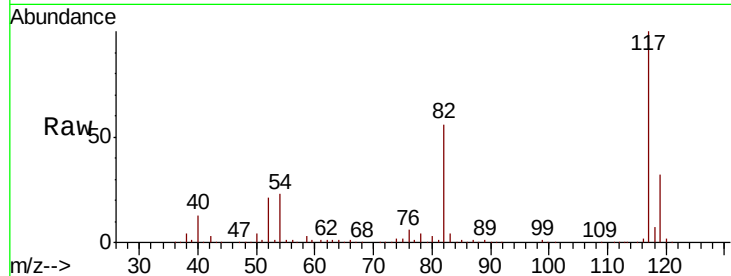




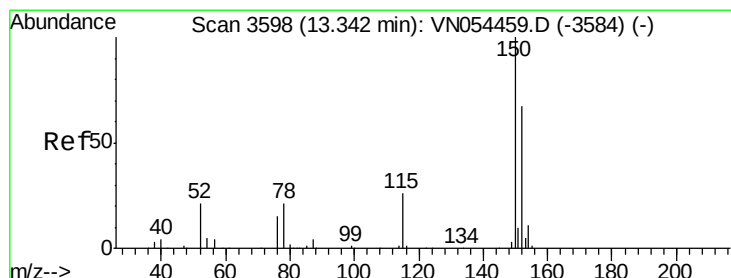
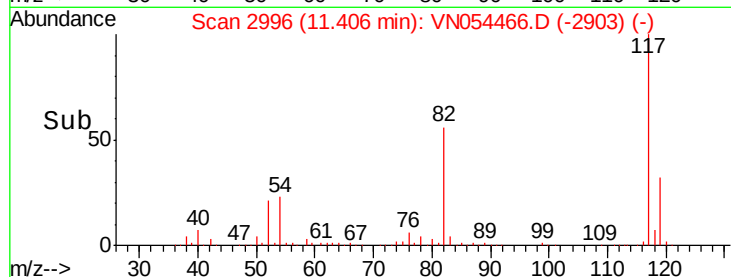
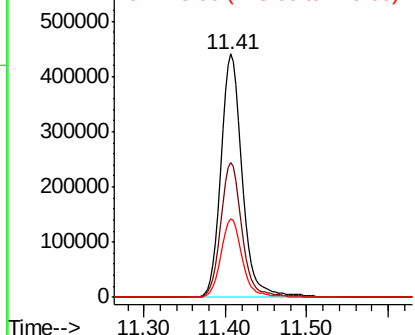
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054466.D
Acq: 20 Mar 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion:117 Resp: 820057
Ion Ratio Lower Upper
117 100
82 55.6 40.0 60.0
119 32.4 25.8 38.6

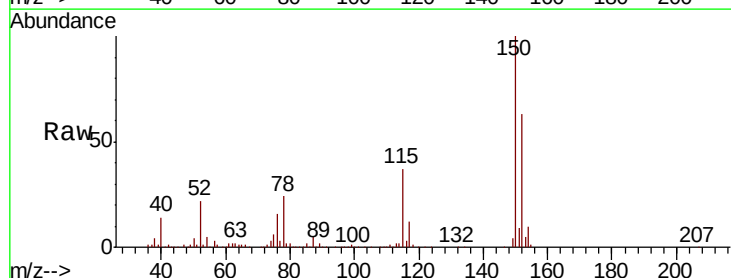


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

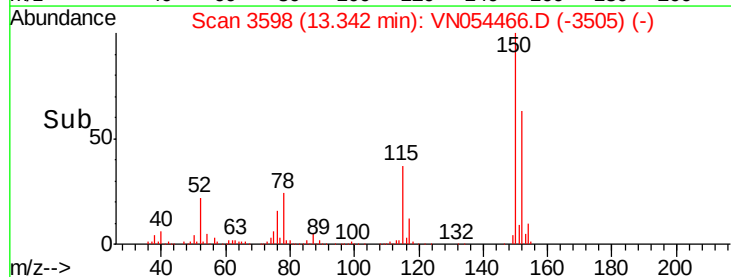
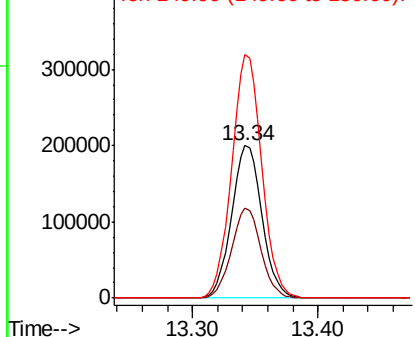


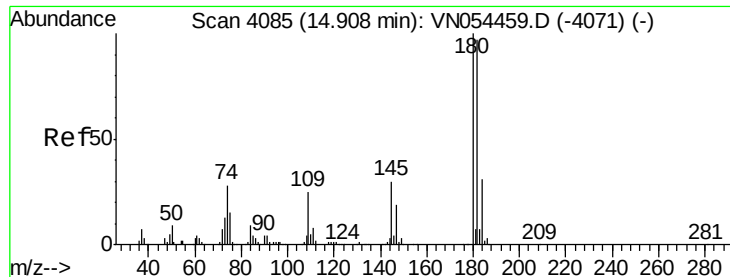
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054466.D
Acq: 20 Mar 2019 16:28

Tgt Ion:152 Resp: 335080
Ion Ratio Lower Upper
152 100
115 57.1 27.2 81.6
150 157.8 0.0 349.2



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

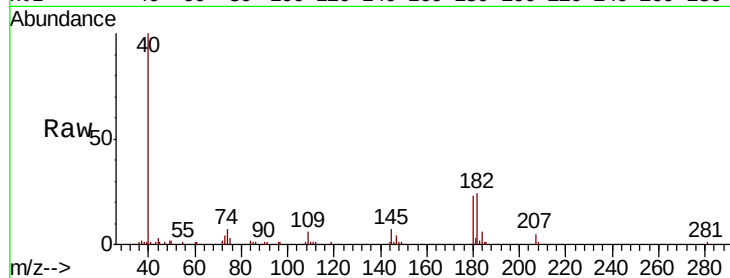




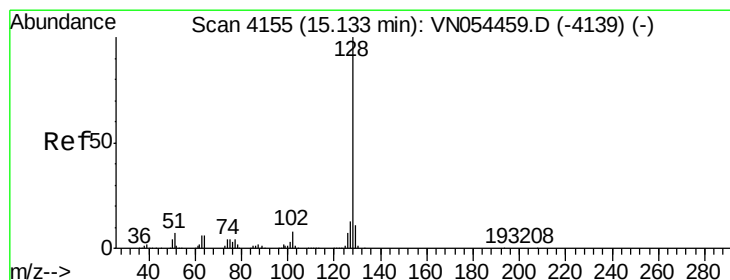
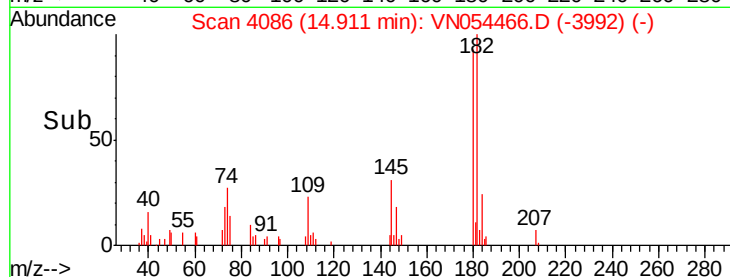
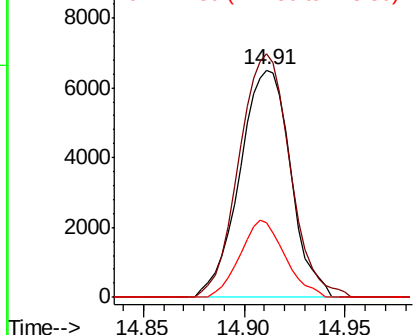
#93
 1,2,4-Trichlorobenzene
 Concen: 2.143 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054466.D
 Acq: 20 Mar 2019 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Tot Ion:180 Resp: 11481
 Ion Ratio Lower Upper
 180 100
 182 107.3 48.0 144.2
 145 30.0 14.2 42.8

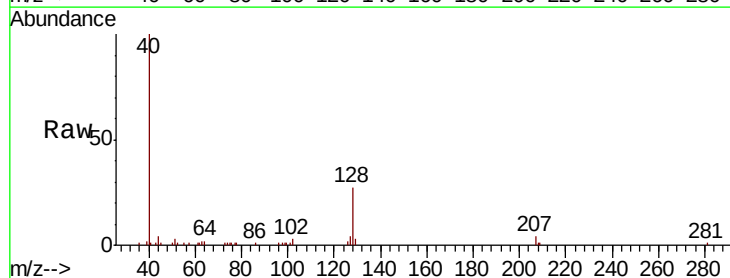


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 1.209 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN054466.D
 Acq: 20 Mar 2019 16:28

Tgt Ion:128 Resp: 14454
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.1 15.1
 129 11.5 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

