

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081819\
 Data File : VN057378.D
 Acq On : 17 Aug 2019 1:15
 Operator : JC/SP
 Sample : K3616-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-B

Quant Time: Aug 17 04:36:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

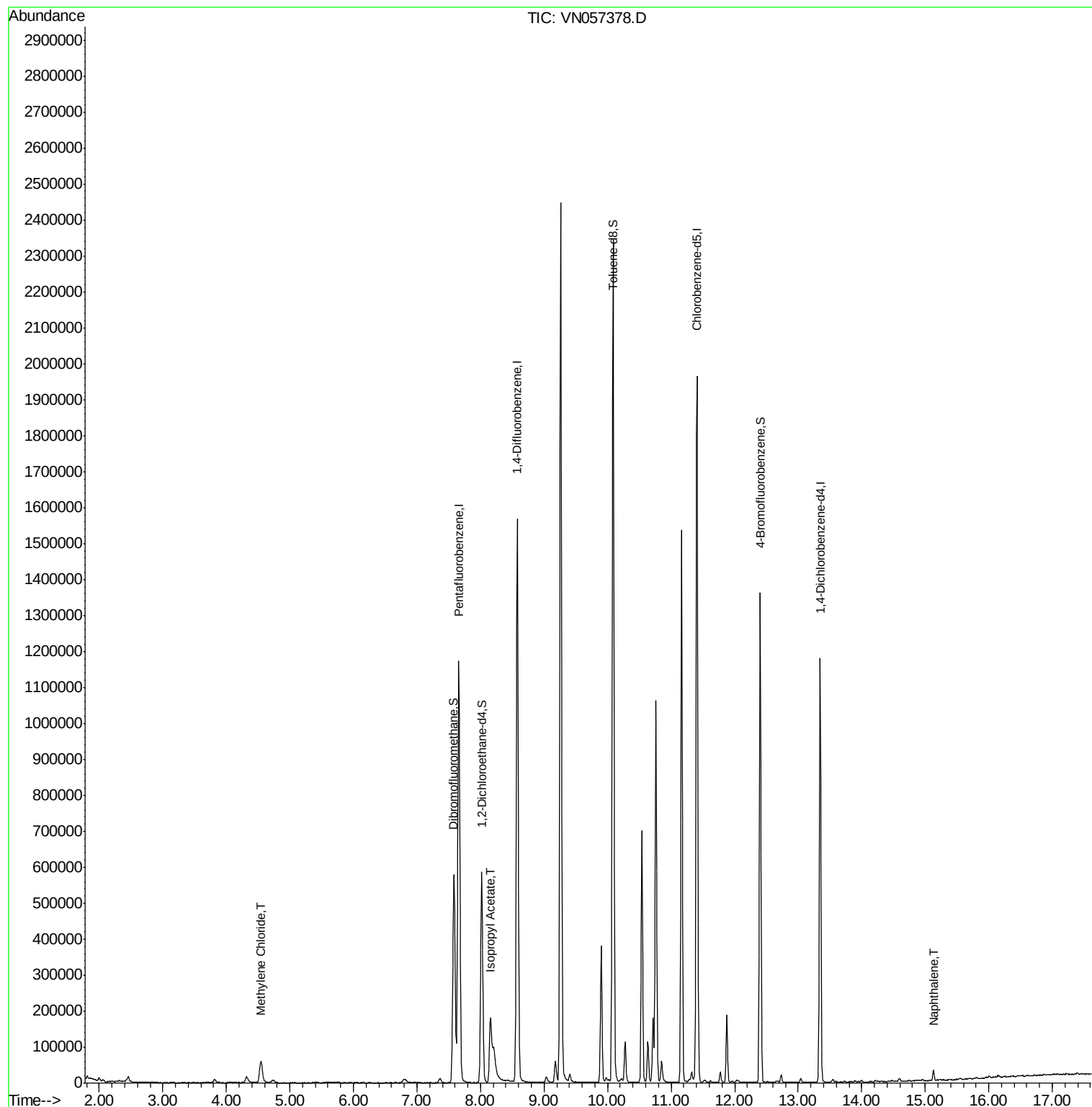
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1067002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1495670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1256639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	348018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	504037	43.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.90%	
35) Dibromofluoromethane	7.58	113	454809	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	10.09	98	1740850	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	476583	37.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.22%	
Target Compounds						
20) Methylene Chloride	4.54	84	49970	4.438	ug/l	96
43) Isopropyl Acetate	8.16	43	329663	15.897	ug/l #	73
95) Naphthalene	15.13	128	23579	2.023	ug/l #	94

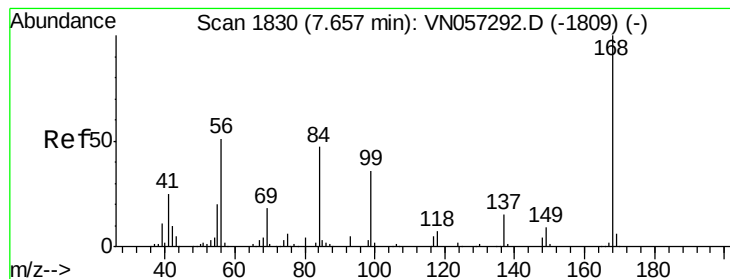
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

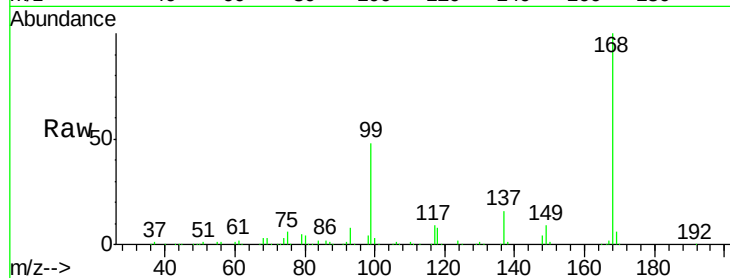
JC-03-081519-B

Tot Ion:168 Resp: 1067002

Ion Ratio Lower Upper

168 100

99 48.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

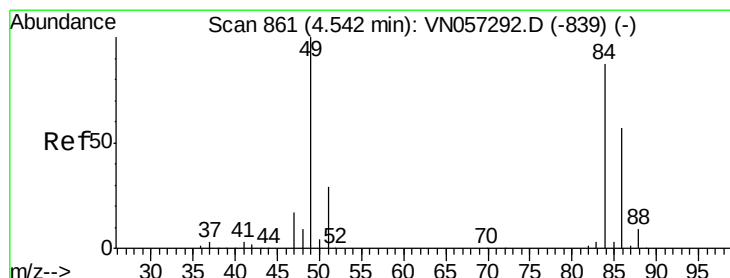
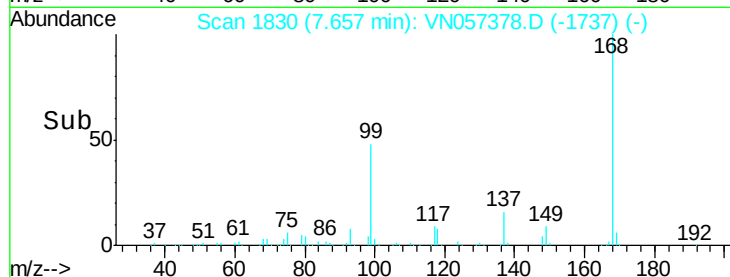
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 4.438 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Tgt Ion: 84 Resp: 49970

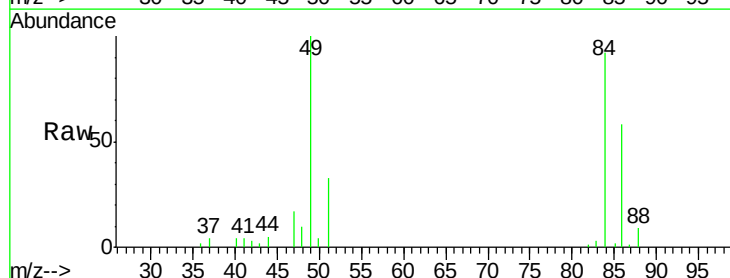
Ion Ratio Lower Upper

84 100

49 109.1 92.0 138.0

51 36.1 27.1 40.7

86 63.1 52.2 78.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

25000

20000

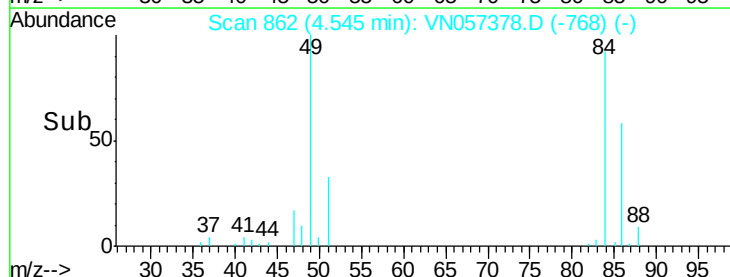
15000

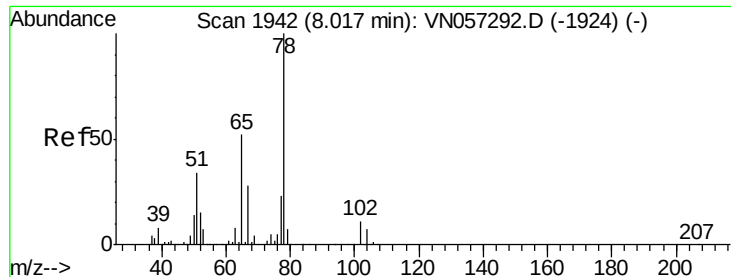
10000

5000

0

Time--> 4.40 4.50 4.60

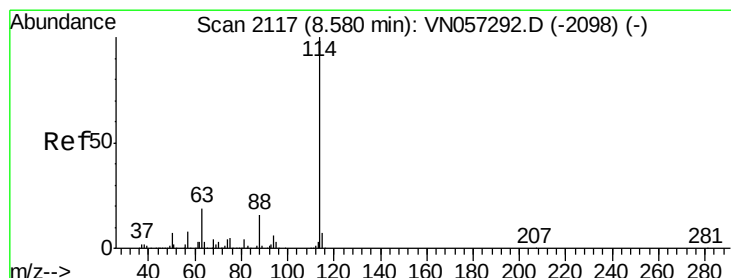
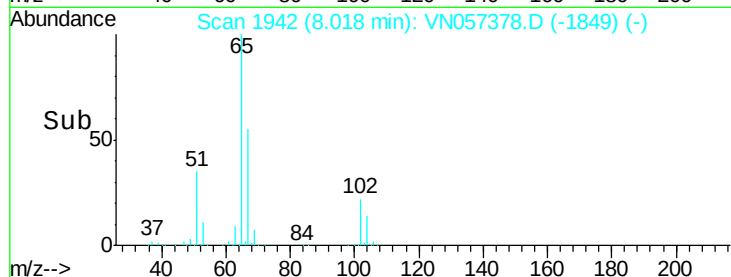
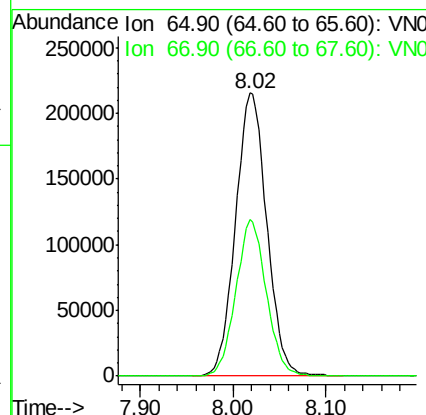
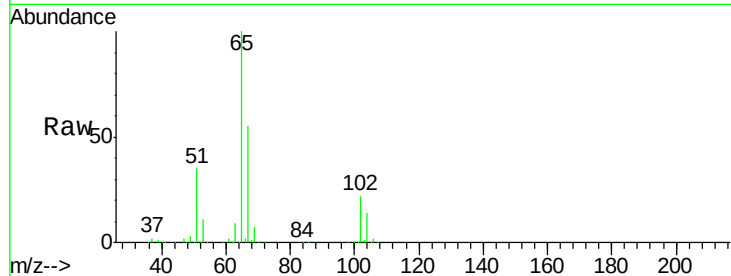




#33
 1,2-Dichloroethane-d4
 Concen: 43.453 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

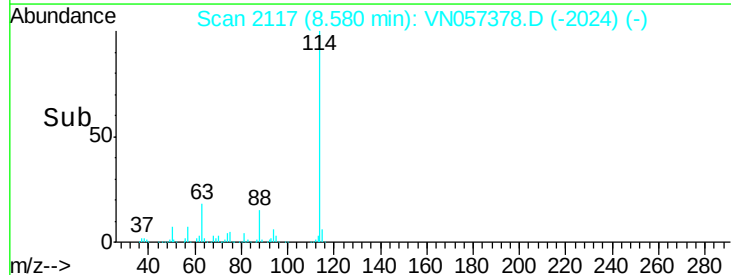
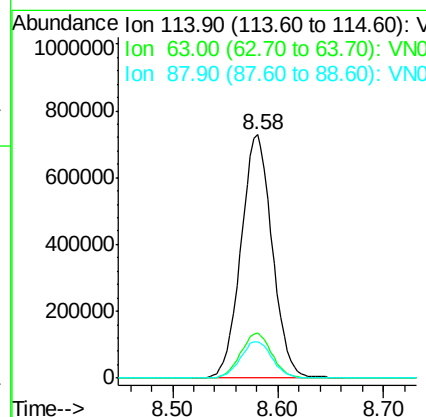
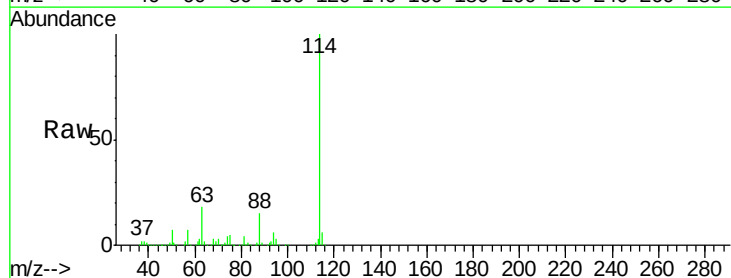
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-B

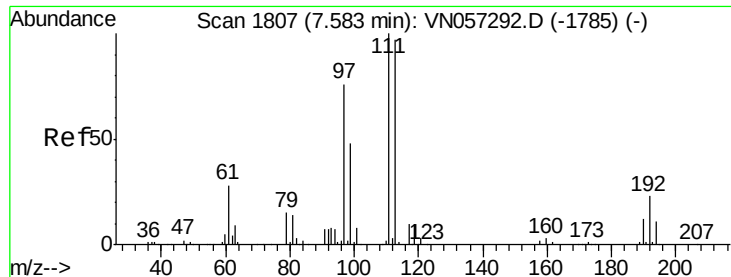
Tot Ion: 65 Resp: 504037
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

Tgt Ion: 114 Resp: 1495670
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.8
 88 15.1 0.0 31.4

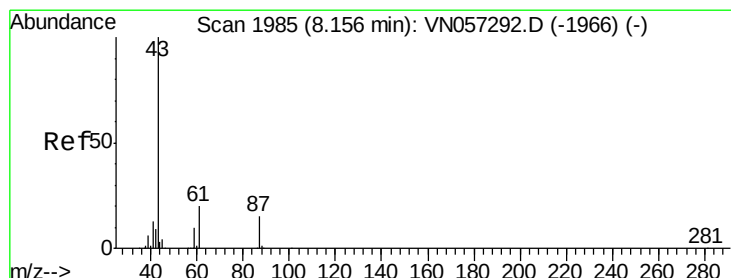
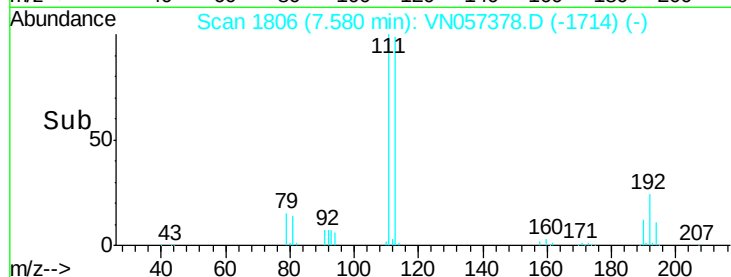
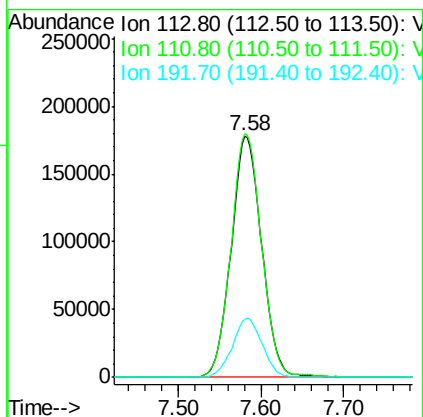
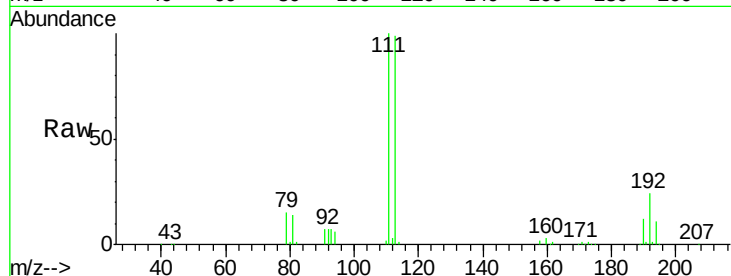




#35
 Dibromofluoromethane
 Concen: 46.388 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

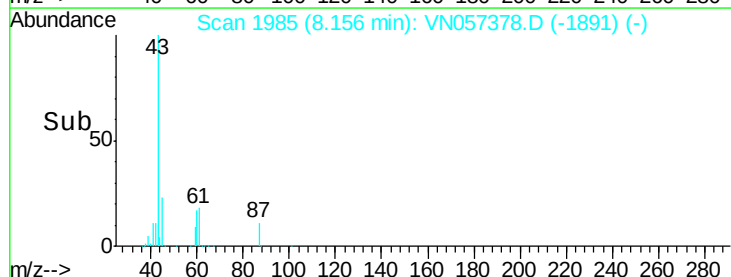
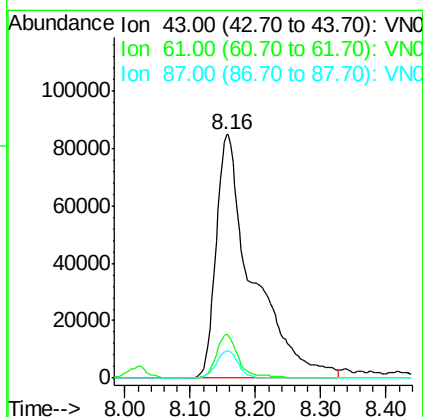
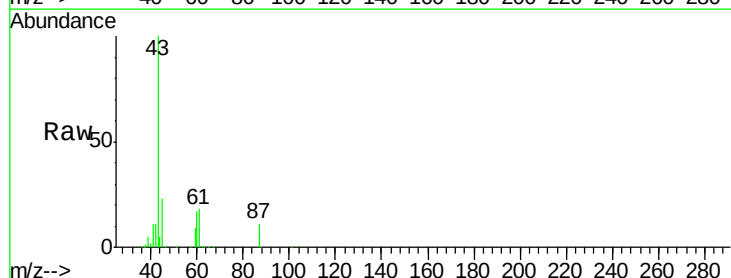
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-B

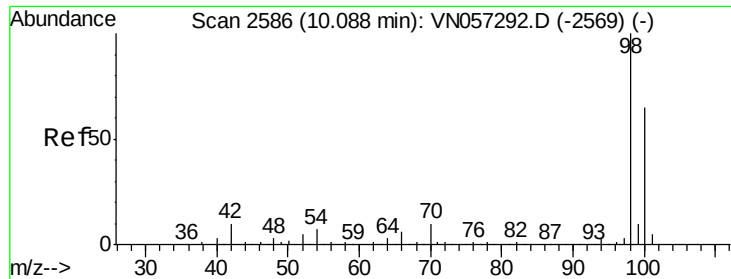
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.1	123.1
192	23.9	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 15.897 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057378.D
 Acq: 17 Aug 2019 1:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.7	21.6	32.4#
87	6.7	11.4	17.0#

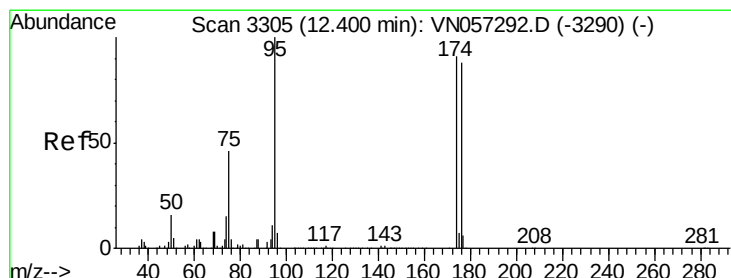
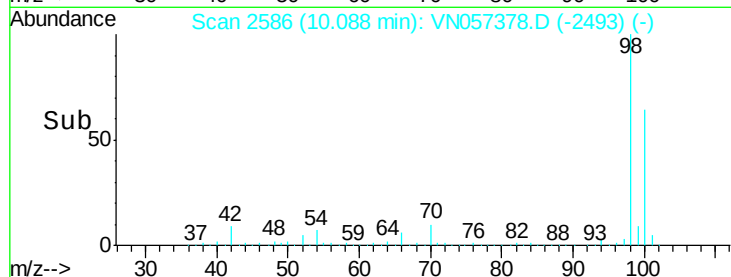
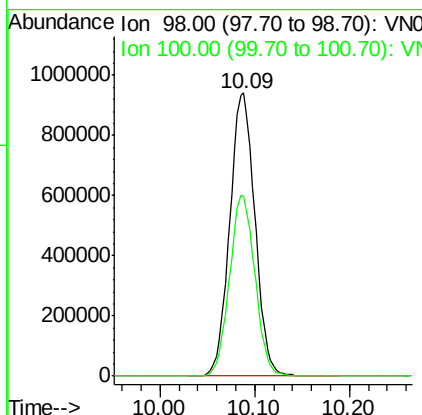
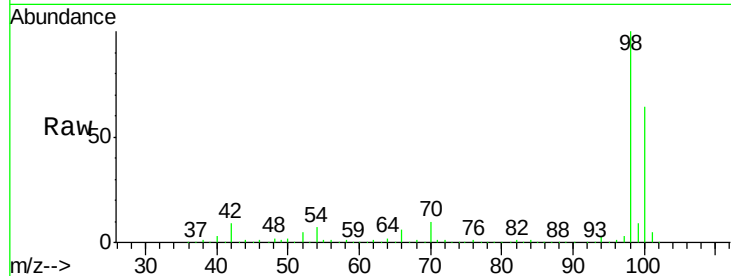




#50
Toluene-d8
Concen: 48.546 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

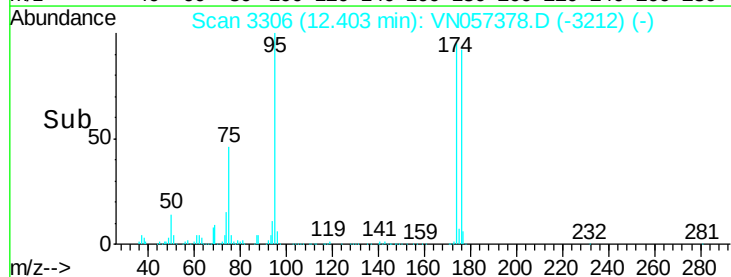
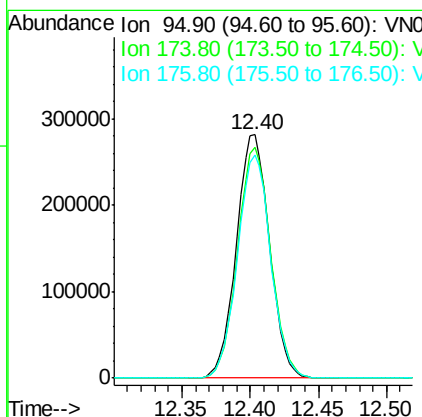
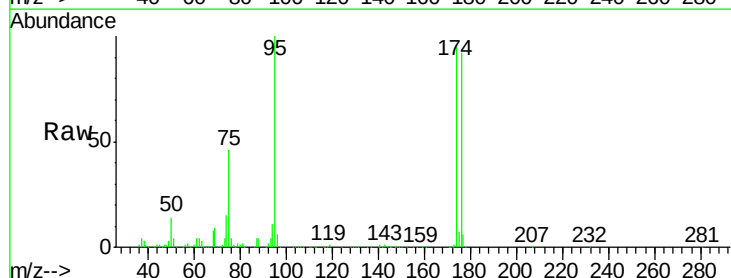
Instrument :
MSVOA_N
ClientSampleId :
JC-03-081519-B

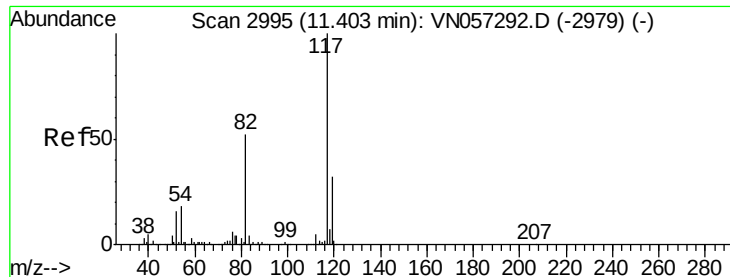
Tot Ion: 98 Resp: 1740850
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 37.607 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

Tgt Ion: 95 Resp: 476583
Ion Ratio Lower Upper
95 100
174 94.6 0.0 185.0
176 91.5 0.0 181.0

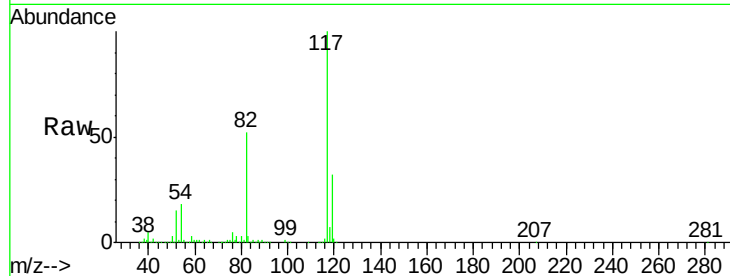




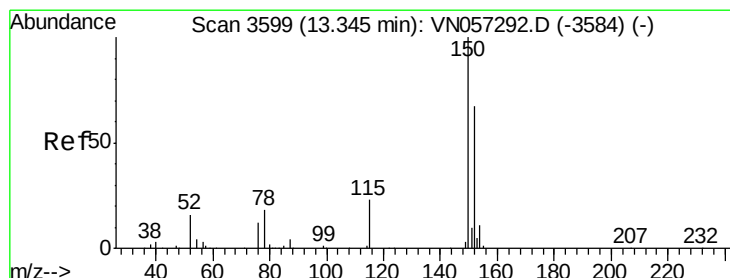
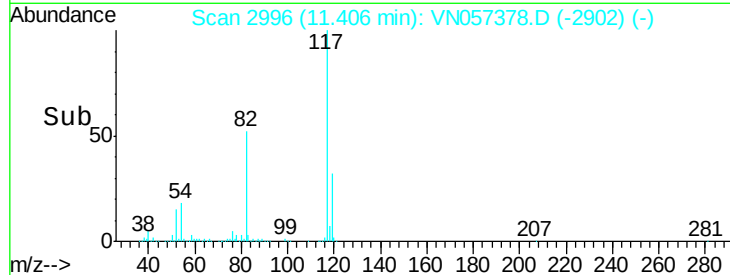
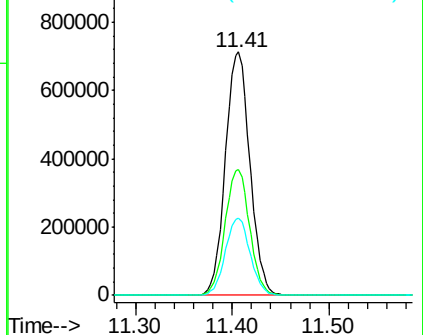
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

Instrument :
MSVOA_N
ClientSampleId :
JC-03-081519-B

Tot Ion:117 Resp: 1256639
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 31.8 25.8 38.8

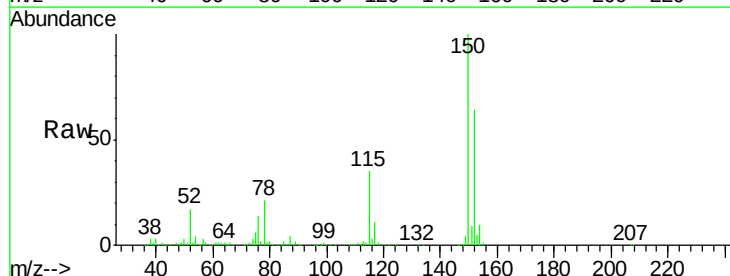


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

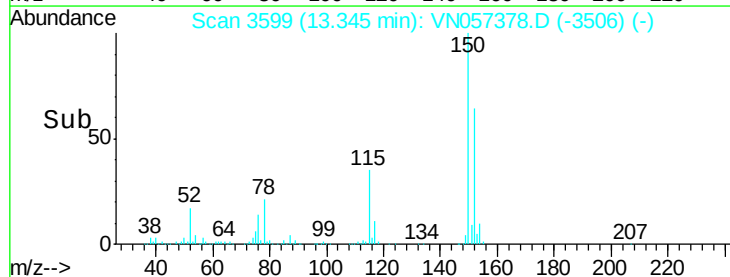
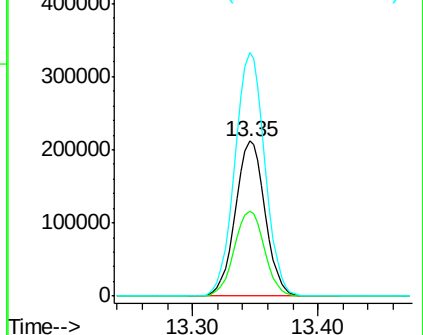


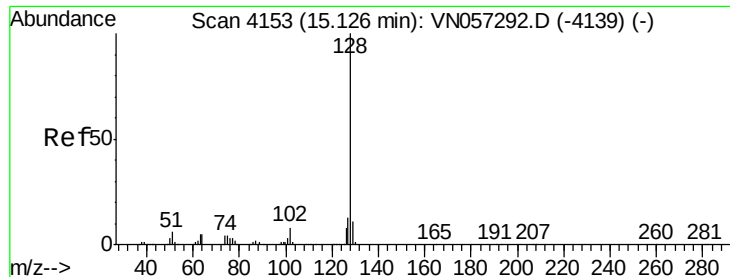
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057378.D
Acq: 17 Aug 2019 1:15

Tgt Ion:152 Resp: 348018
Ion Ratio Lower Upper
152 100
115 55.8 27.3 81.9
150 158.5 0.0 344.4



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





#95

Naphthalene

Concen: 2.023 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057378.D

Acq: 17 Aug 2019 1:15

Instrument :

MSVOA_N

ClientSampleId :

JC-03-081519-B

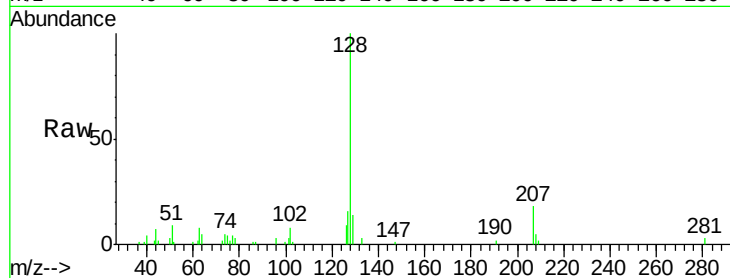
Tot Ion:128 Resp: 23579

Ion Ratio Lower Upper

128 100

127 16.4 10.5 15.7#

129 12.0 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

