

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057306.D
 Acq On : 14 Aug 2019 23:32
 Operator : JC/SP
 Sample : K4324-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-C1-(4)

Quant Time: Aug 15 08:54:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 08:22:24 2019
 Response via : Initial Calibration

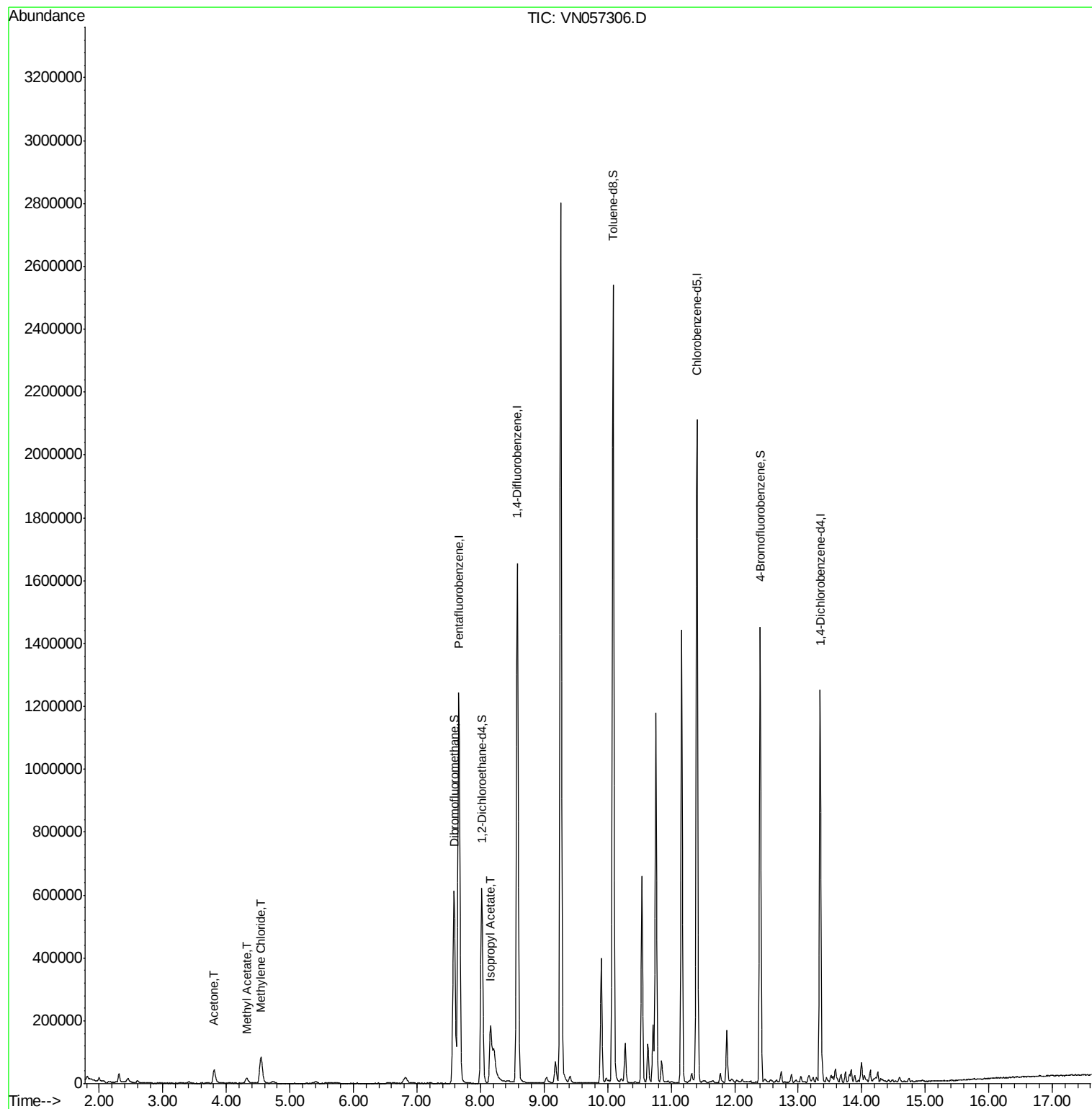
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1123931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1587042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1327215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	366961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	530736	43.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.88%	
35) Dibromofluoromethane	7.58	113	475611	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	
50) Toluene-d8	10.09	98	1844704	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.40	95	507089	37.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.42%	
Target Compounds						
16) Acetone	3.81	43	68945	16.266	ug/l	97
18) Methyl Acetate	4.32	43	34430	0.652	ug/l #	68
20) Methylene Chloride	4.55	84	69728	5.880	ug/l	95
43) Isopropyl Acetate	8.16	43	344726	15.130	ug/l #	74

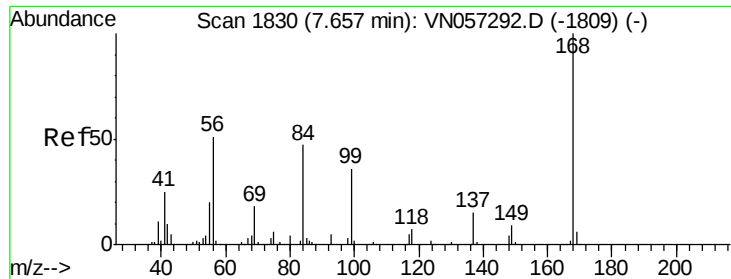
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057306.D

Acq: 14 Aug 2019 23:32

Instrument :

MSVOA_N

ClientSampled :

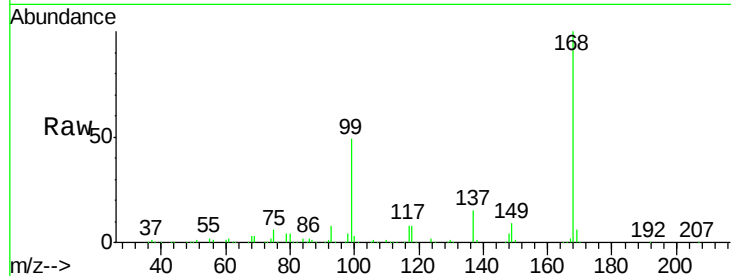
T8-C1-(4)

Tot Ion:168 Resp: 1123931

Ion Ratio Lower Upper

168 100

99 48.9 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

500000

400000

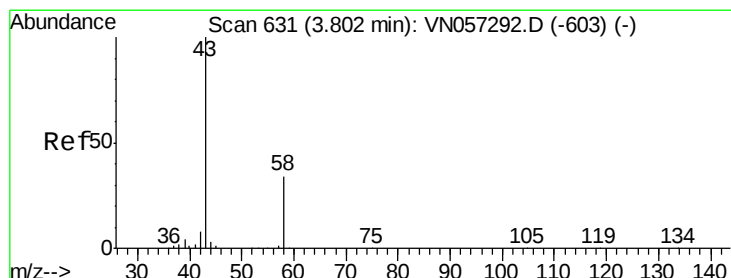
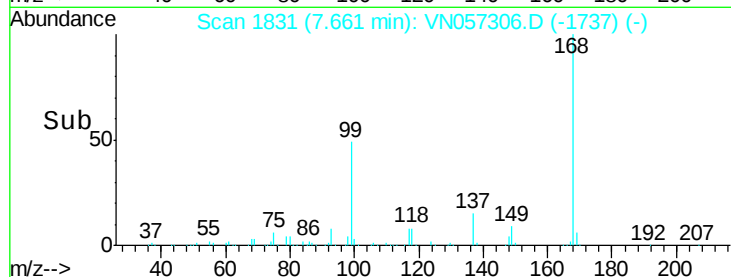
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 16.266 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057306.D

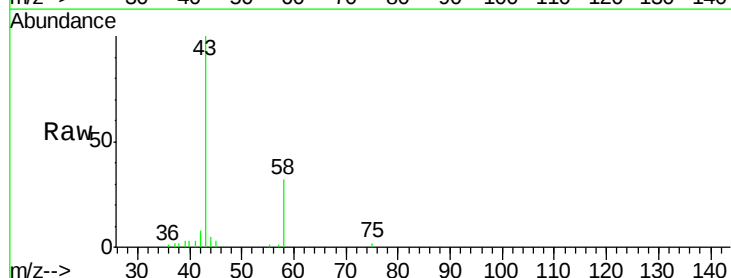
Acq: 14 Aug 2019 23:32

Tgt Ion: 43 Resp: 68945

Ion Ratio Lower Upper

43 100

58 32.1 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

30000

25000

20000

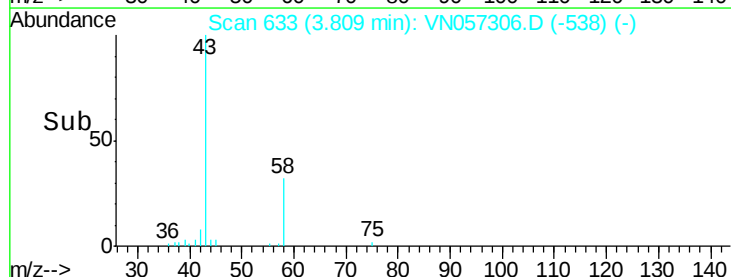
15000

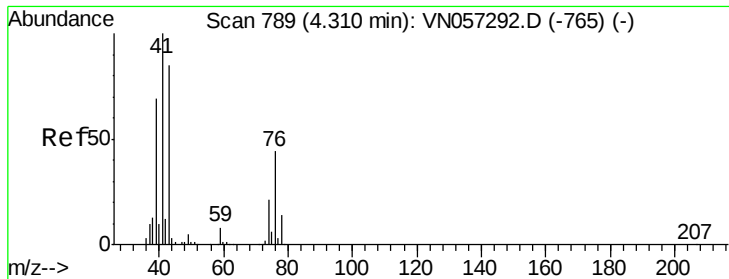
10000

5000

0

Time--> 3.70 3.80 3.90

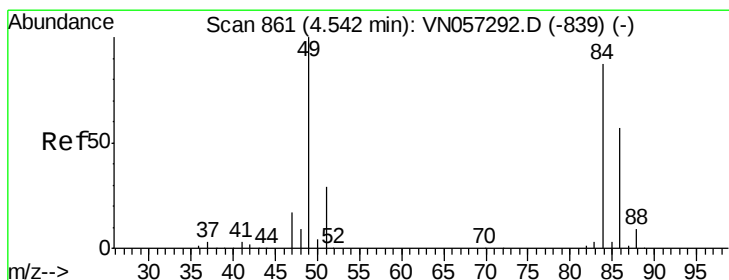
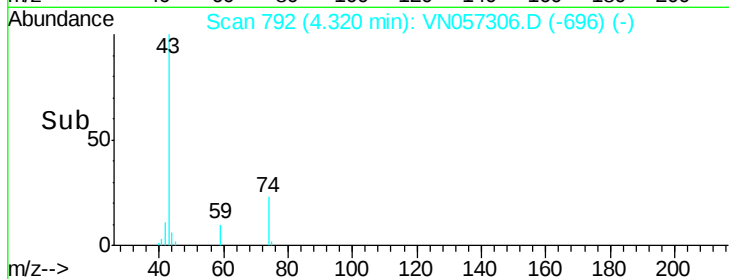
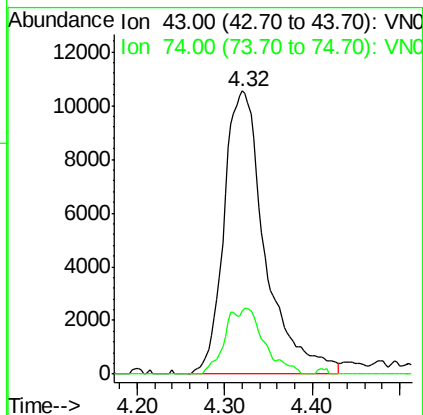
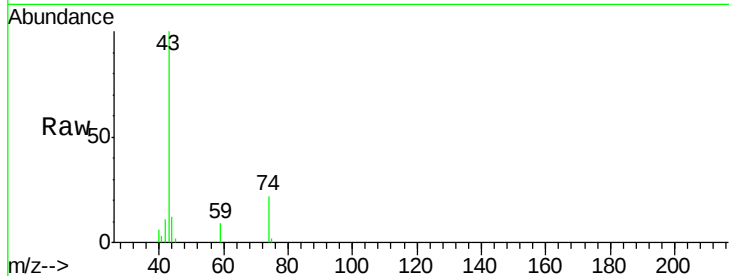




#18
Methyl Acetate
Concen: 0.652 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN057306.D
Acq: 14 Aug 2019 23:32

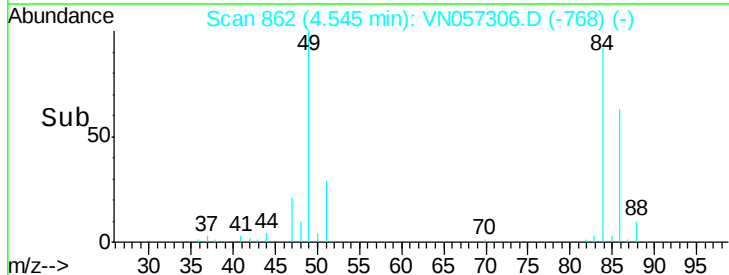
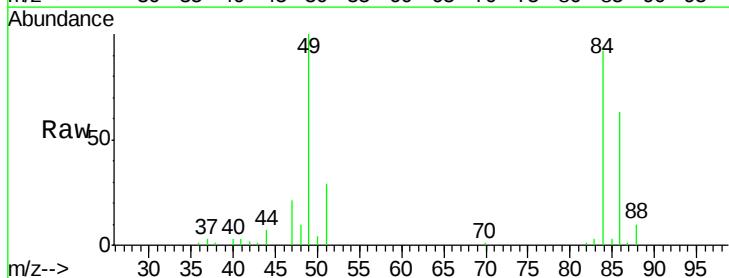
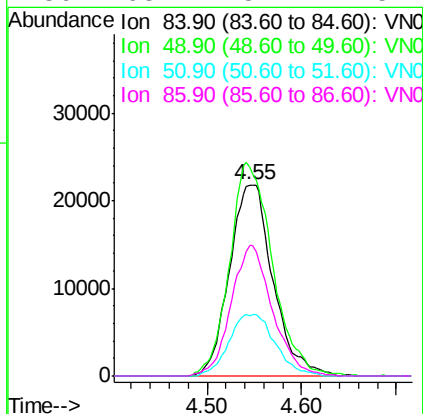
Instrument :
MSVOA_N
ClientSampled :
T8-C1-(4)

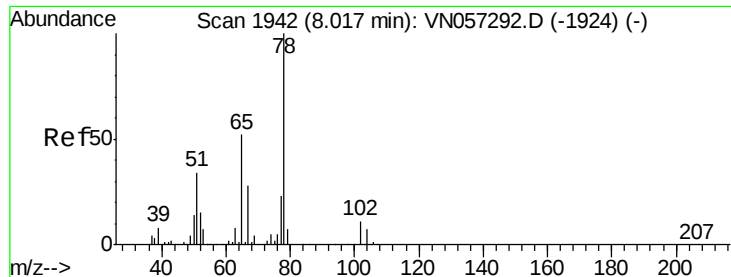
Tot Ion: 43 Resp: 34430
Ion Ratio Lower Upper
43 100
74 9.0 20.2 30.2#



#20
Methylene Chloride
Concen: 5.880 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057306.D
Acq: 14 Aug 2019 23:32

Tgt Ion: 84 Resp: 69728
Ion Ratio Lower Upper
84 100
49 109.2 92.0 138.0
51 31.5 27.1 40.7
86 68.4 52.2 78.2





#33

1,2-Dichloroethane-d4

Concen: 43.438 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057306.D

Acq: 14 Aug 2019 23:32

Instrument :

MSVOA_N

ClientSampled :

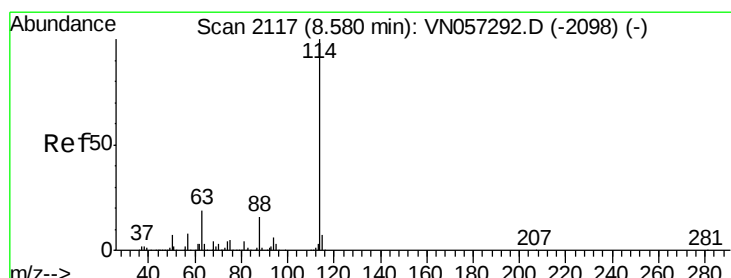
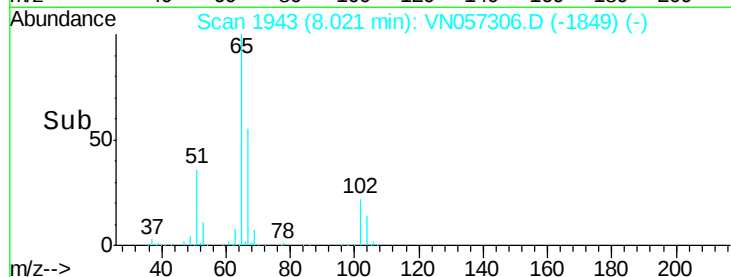
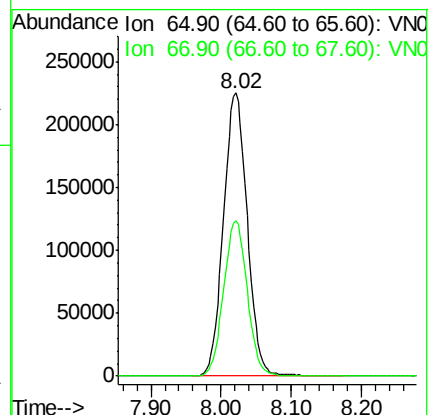
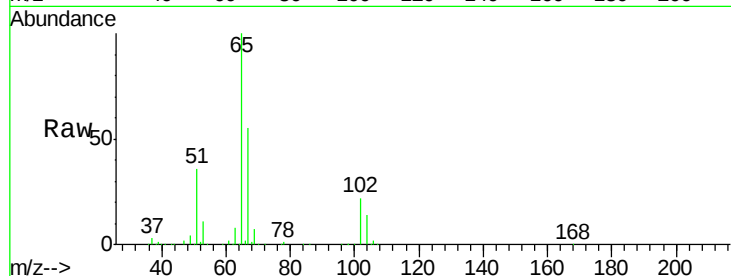
T8-C1-(4)

Tot Ion: 65 Resp: 530736

Ion Ratio Lower Upper

65 100

67 54.6 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: VN057306.D

Acq: 14 Aug 2019 23:32

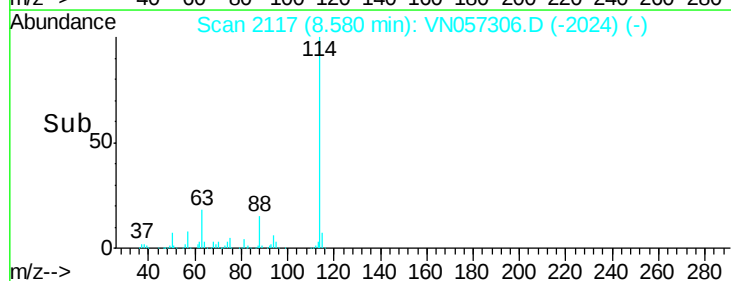
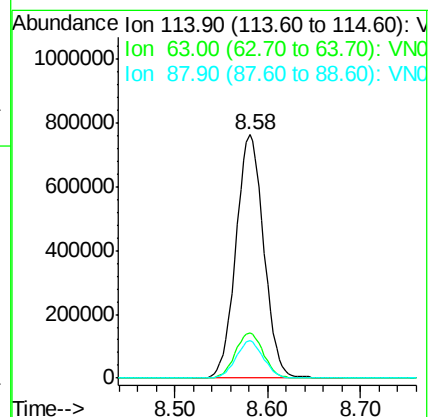
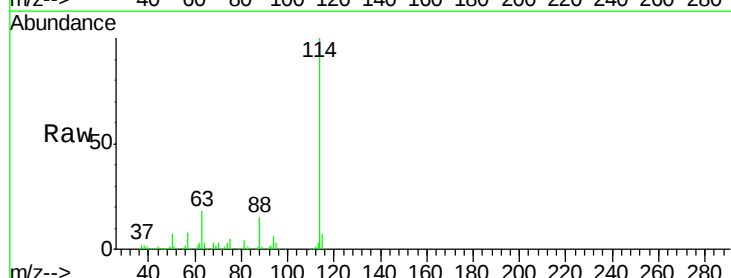
Tgt Ion: 114 Resp: 1587042

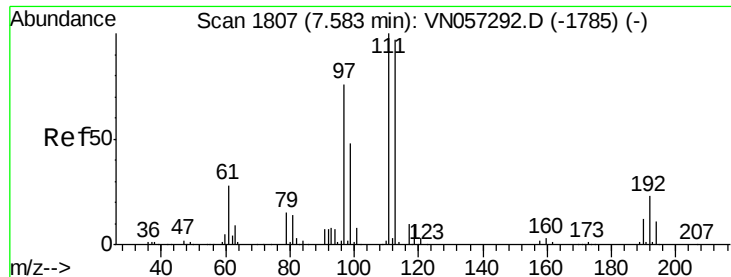
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.8

88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.717 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057306.D

Acq: 14 Aug 2019 23:32

Instrument :

MSVOA_N

ClientSampled :

T8-C1-(4)

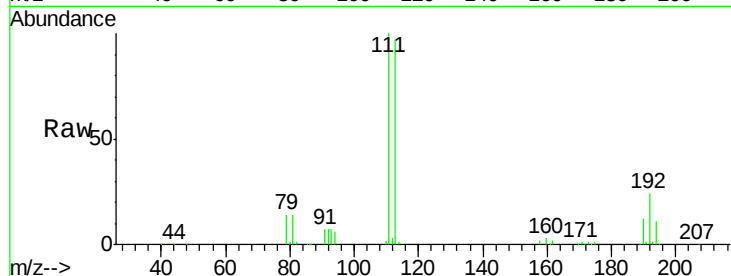
Tot Ion:113 Resp: 475611

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

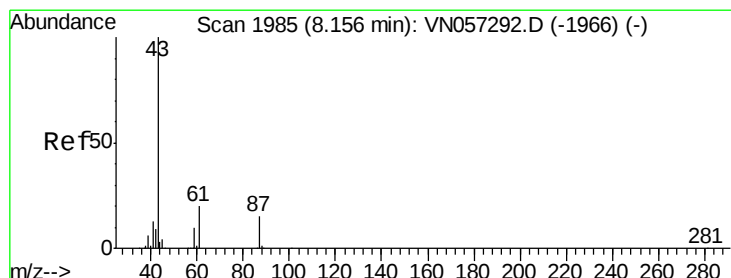
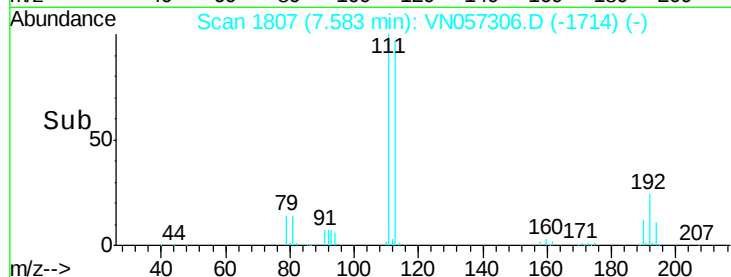
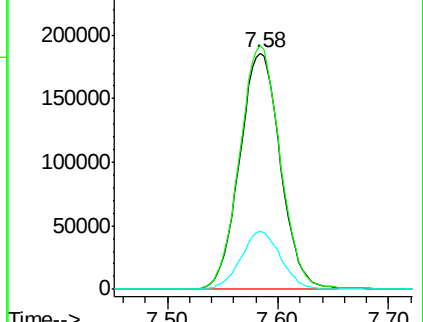
192 24.1 19.3 28.9



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: 15.130 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057306.D

Acq: 14 Aug 2019 23:32

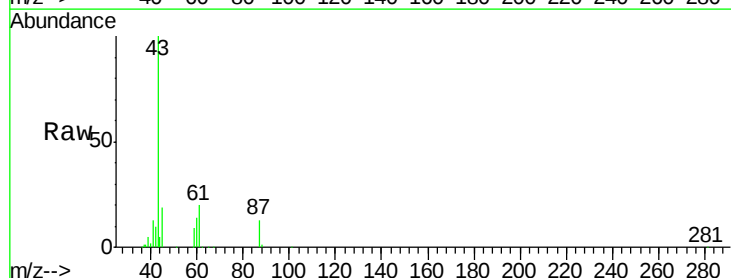
Tgt Ion: 43 Resp: 344726

Ion Ratio Lower Upper

43 100

61 10.9 21.6 32.4#

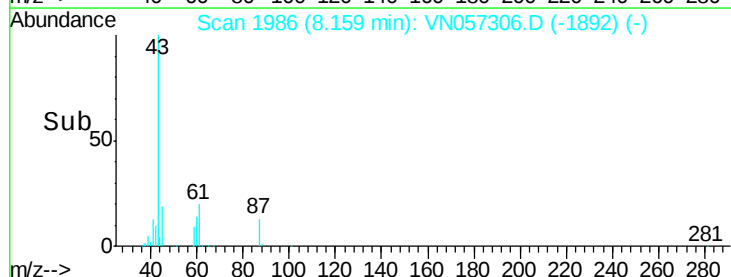
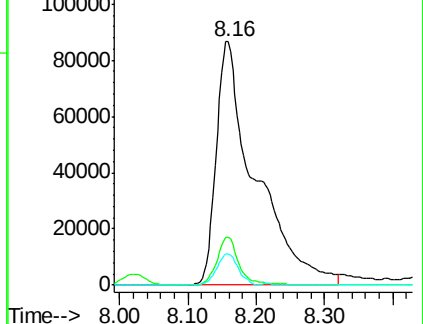
87 7.0 11.4 17.0#

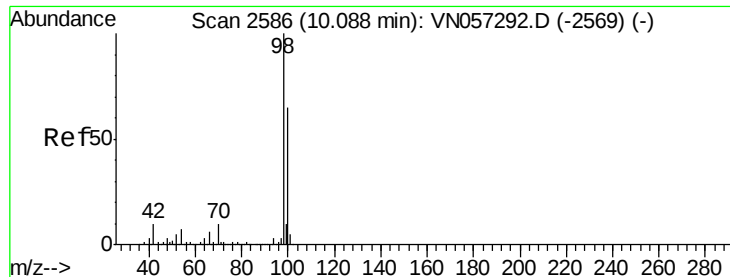


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.480 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057306.D

Acq: 14 Aug 2019 23:32

Instrument :

MSVOA_N

ClientSampled :

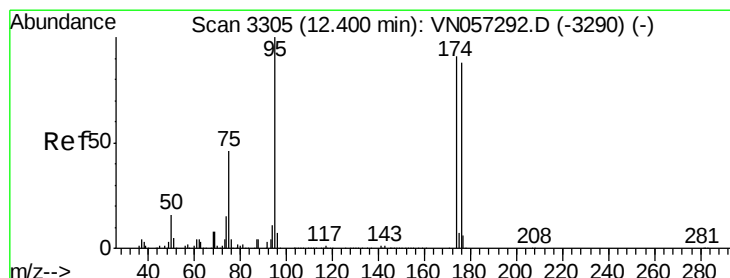
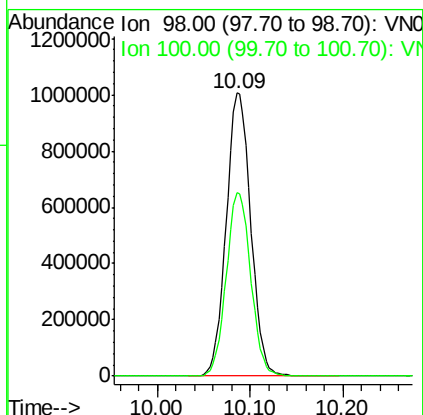
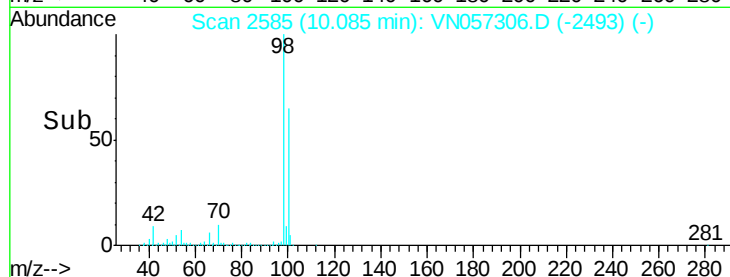
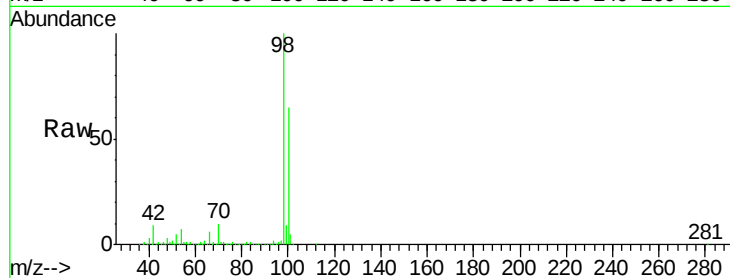
T8-C1-(4)

Tot Ion: 98 Resp: 1844704

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 37.711 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057306.D

Acq: 14 Aug 2019 23:32

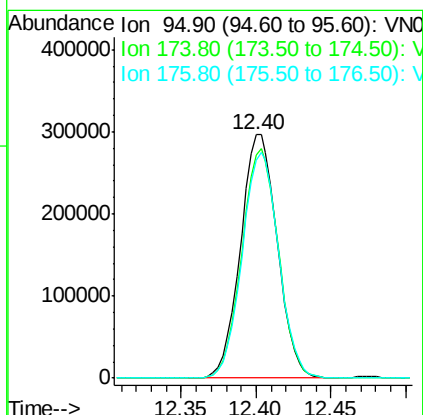
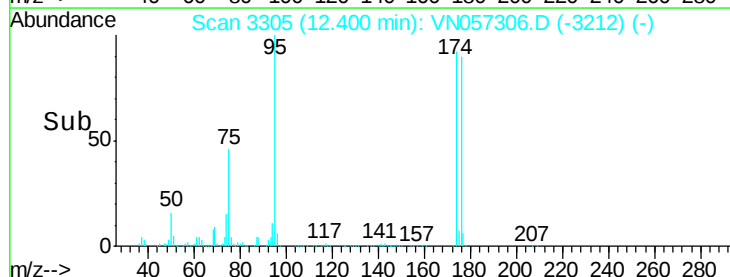
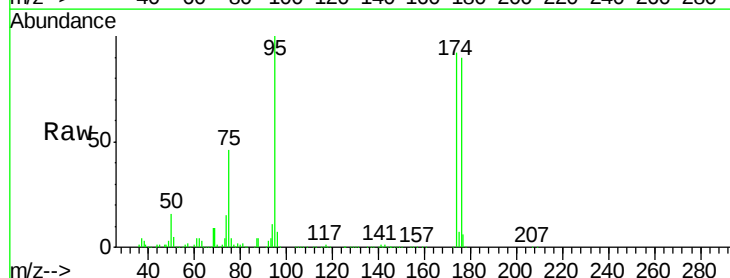
Tgt Ion: 95 Resp: 507089

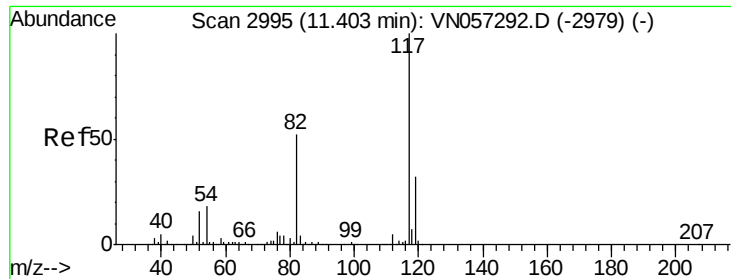
Ion Ratio Lower Upper

95 100

174 93.5 0.0 185.0

176 91.9 0.0 181.0

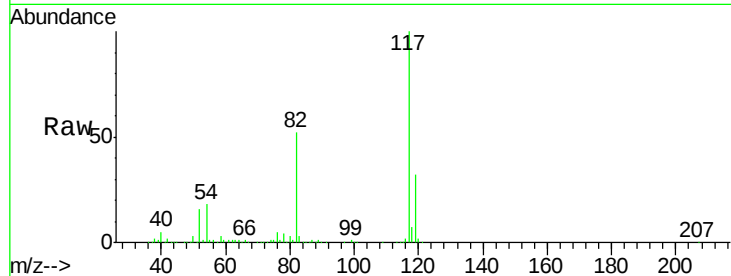




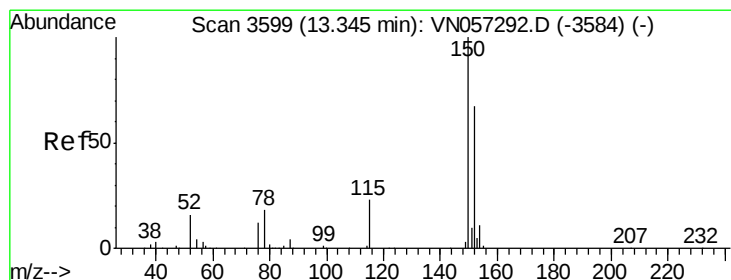
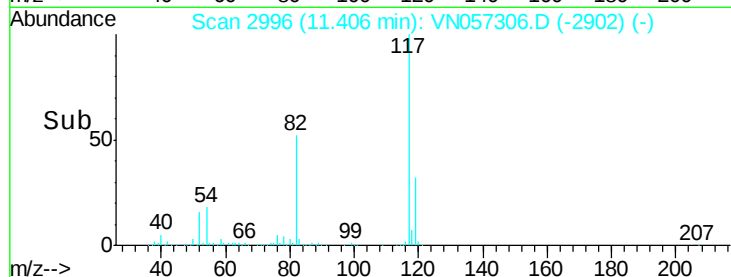
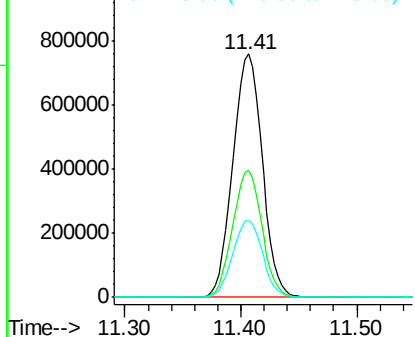
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057306.D
Acq: 14 Aug 2019 23:32

Instrument :
MSVOA_N
ClientSampled :
T8-C1-(4)

Tot Ion:117 Resp: 1327215
Ion Ratio Lower Upper
117 100
82 52.3 41.2 61.8
119 31.7 25.8 38.8

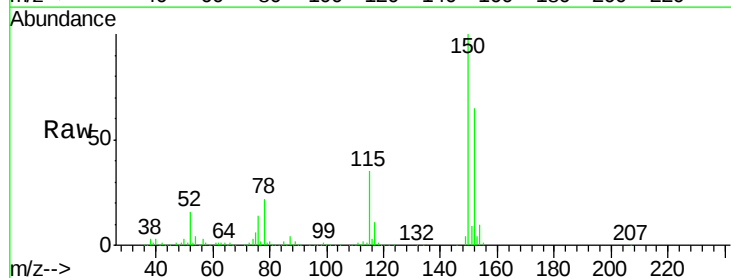


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057306.D
Acq: 14 Aug 2019 23:32

Tgt Ion:152 Resp: 366961
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 155.9 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

