

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057308.D
 Acq On : 15 Aug 2019 00:20
 Operator : JC/SP
 Sample : K4340-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SAMPLE-2

Quant Time: Aug 15 08:57:12 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

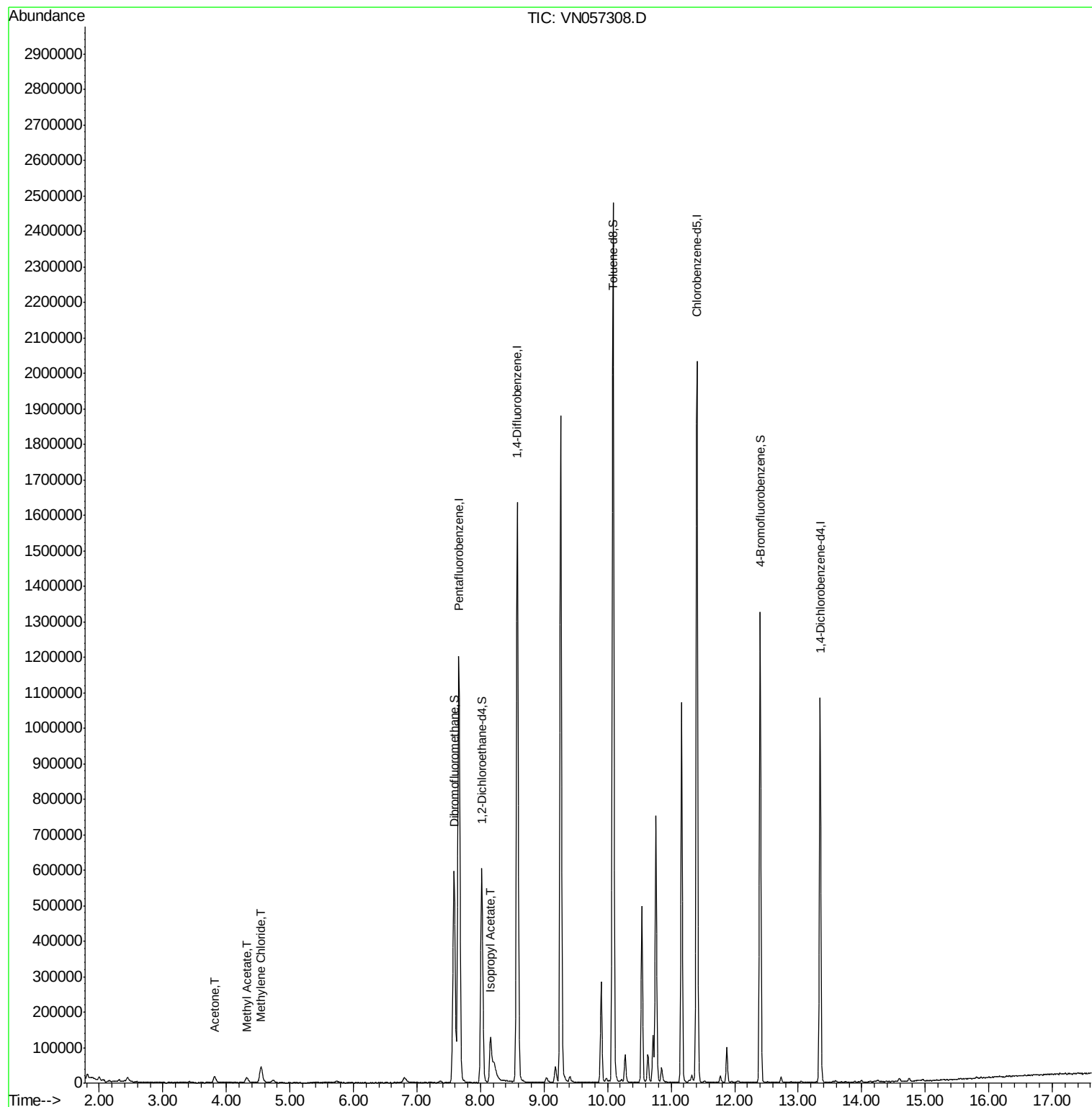
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1104081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1565547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1280438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	313905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	521784	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
35) Dibromofluoromethane	7.58	113	468008	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
50) Toluene-d8	10.09	98	1819812	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.40	95	466926	35.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.40%	
Target Compounds						
16) Acetone	3.81	43	27627	6.635	ug/l	96
18) Methyl Acetate	4.32	43	30172	0.307	ug/l	97
20) Methylene Chloride	4.55	84	37553	3.224	ug/l	98
43) Isopropyl Acetate	8.16	43	229362	9.629	ug/l #	74

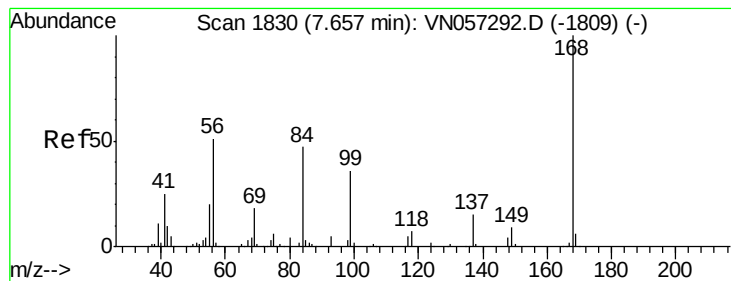
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 15 08:22:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057308.D

Acq: 15 Aug 2019 00:20

Instrument :

MSVOA_N

ClientSampled :

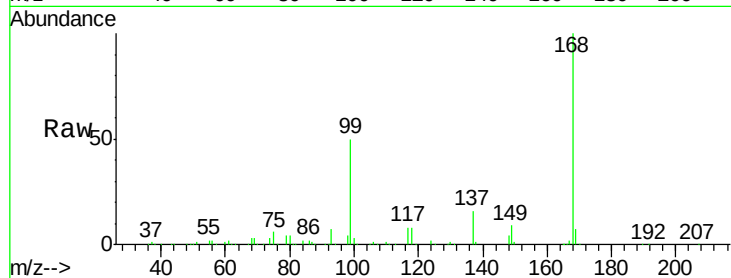
LS-SAMPLE-2

Tot Ion:168 Resp: 1104081

Ion Ratio Lower Upper

168 100

99 49.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN057292.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057292.D (-1809) (-)

7.66

400000

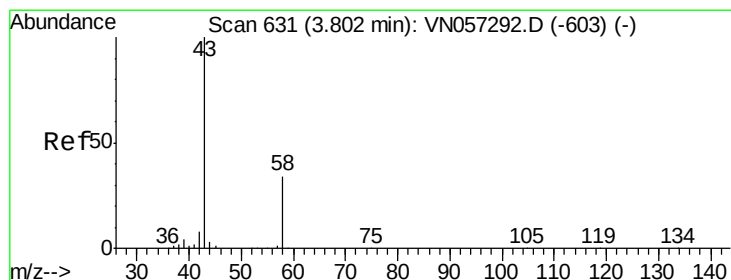
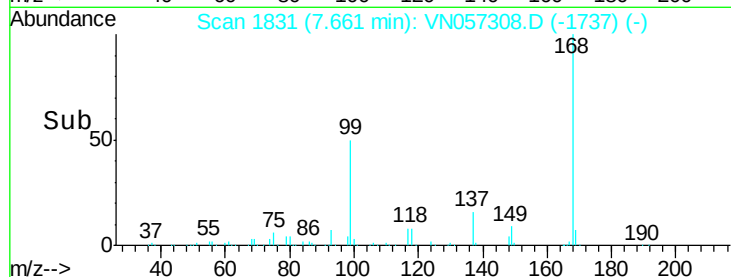
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.635 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057308.D

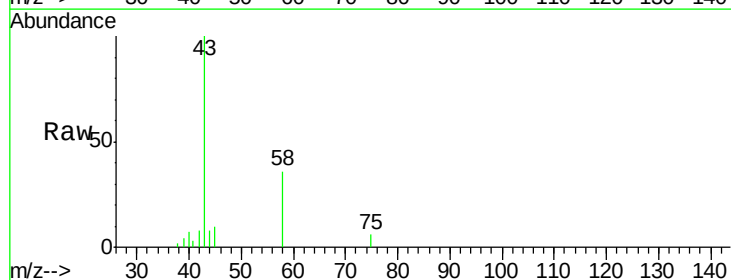
Acq: 15 Aug 2019 00:20

Tgt Ion: 43 Resp: 27627

Ion Ratio Lower Upper

43 100

58 36.3 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN057292.D (-603) (-)

3.81

10000

8000

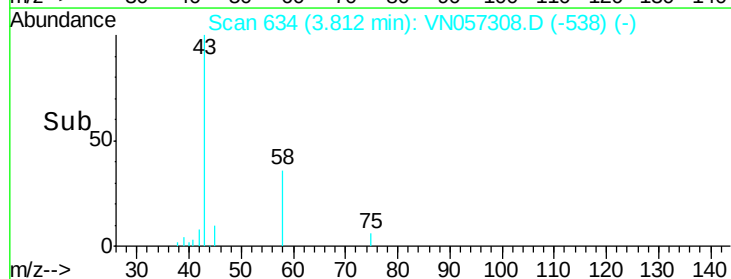
6000

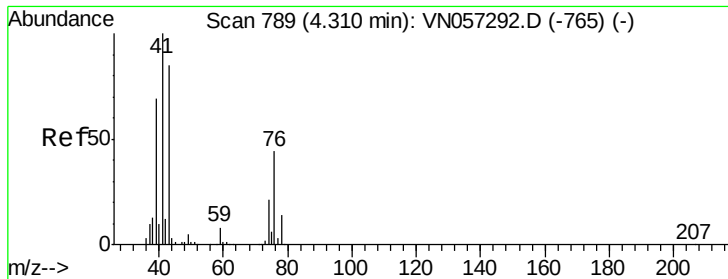
4000

2000

0

Time-->

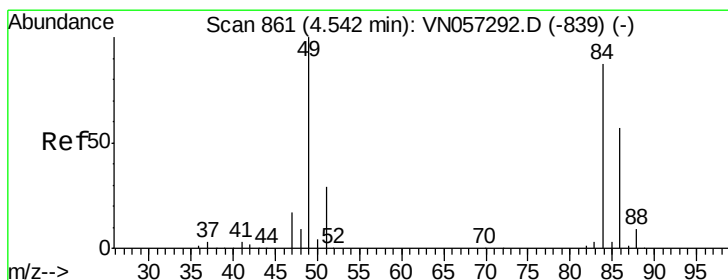
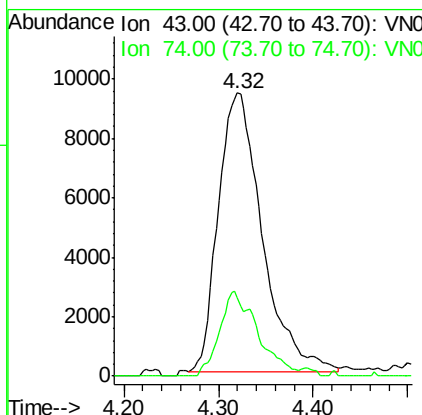
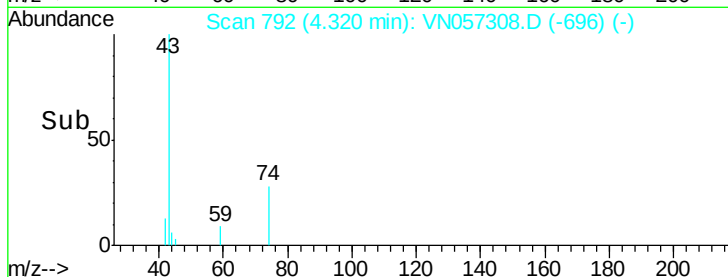
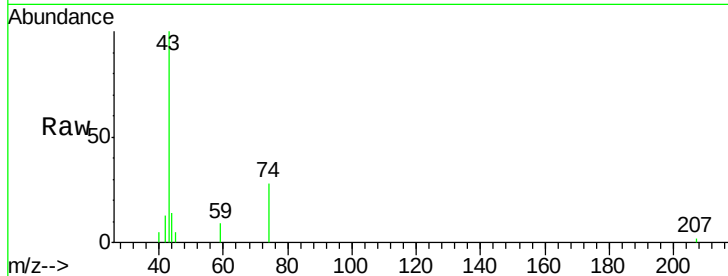




#18
Methyl Acetate
Concen: 0.307 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN057308.D
Acq: 15 Aug 2019 00:20

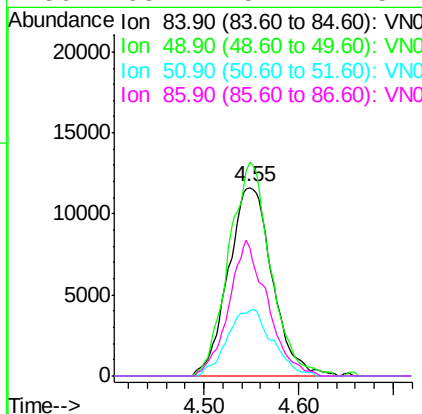
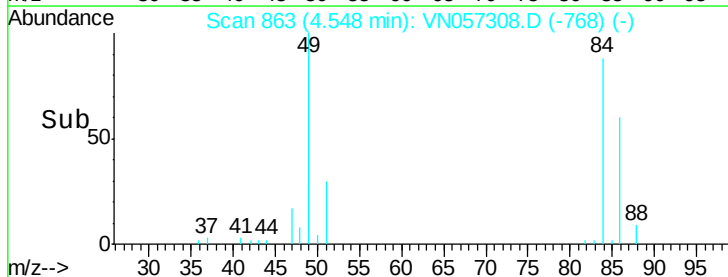
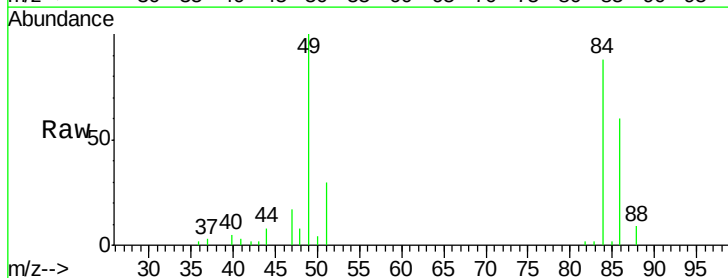
Instrument :
MSVOA_N
ClientSampled :
LS-SAMPLE-2

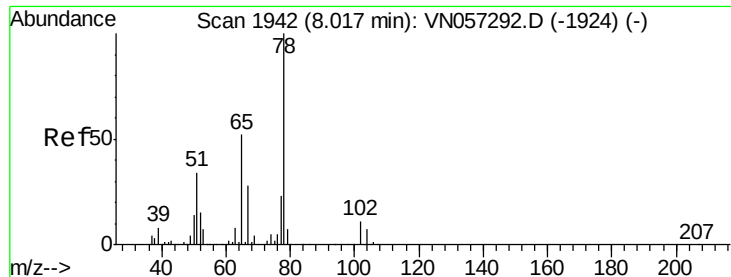
Tot Ion: 43 Resp: 30172
Ion Ratio Lower Upper
43 100
74 26.6 20.2 30.2



#20
Methylene Chloride
Concen: 3.224 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057308.D
Acq: 15 Aug 2019 00:20

Tgt Ion: 84 Resp: 37553
Ion Ratio Lower Upper
84 100
49 113.2 92.0 138.0
51 34.5 27.1 40.7
86 68.2 52.2 78.2

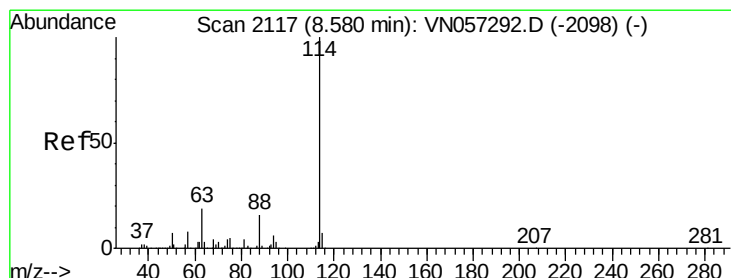
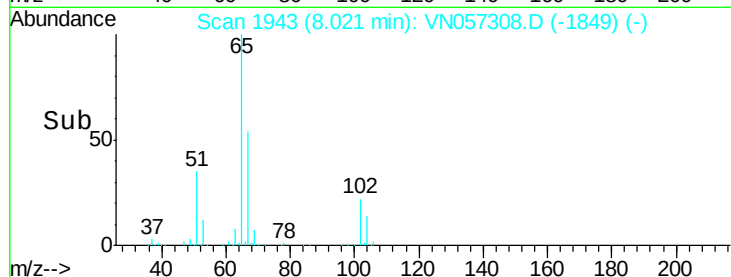
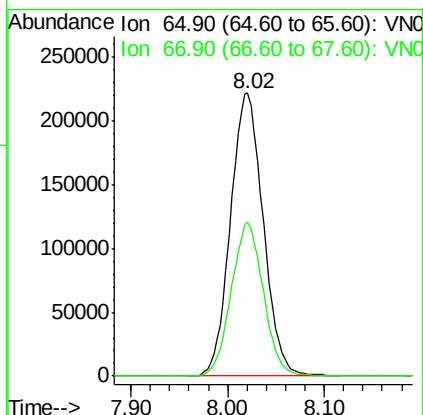
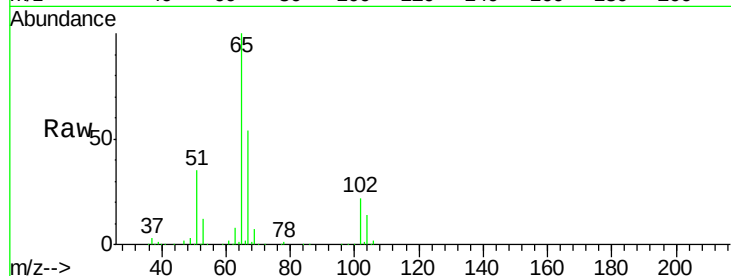




#33
 1,2-Dichloroethane-d4
 Concen: 43.473 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057308.D
 Acq: 15 Aug 2019 00:20

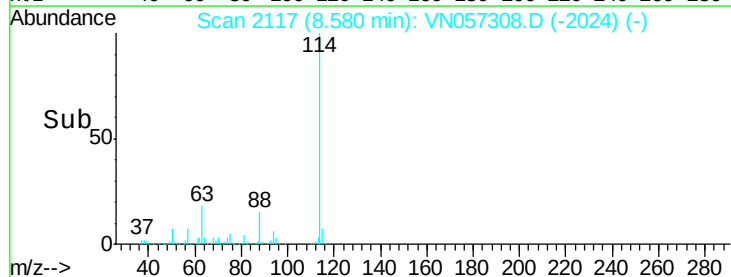
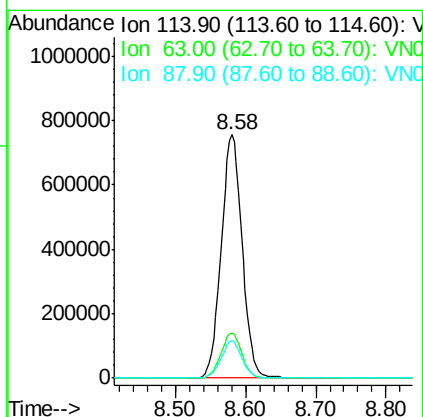
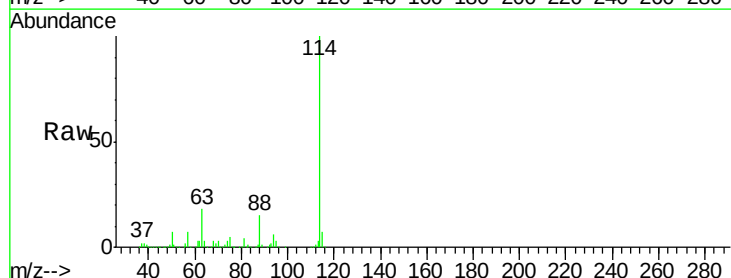
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SAMPLE-2

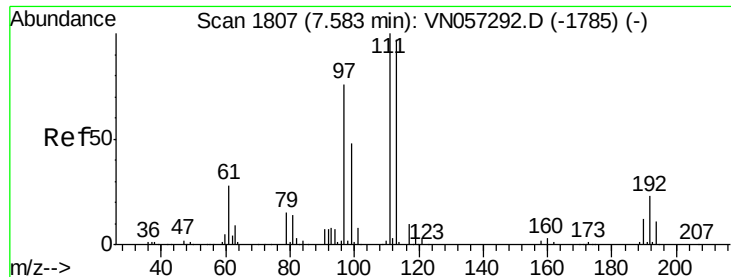
Tot Ion: 65 Resp: 521784
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057308.D
 Acq: 15 Aug 2019 00:20

Tgt Ion: 114 Resp: 1565547
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.8
 88 15.3 0.0 31.4

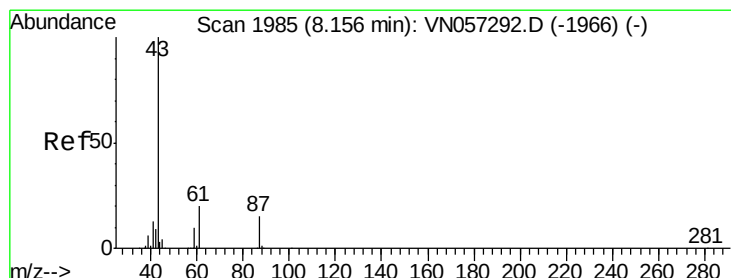
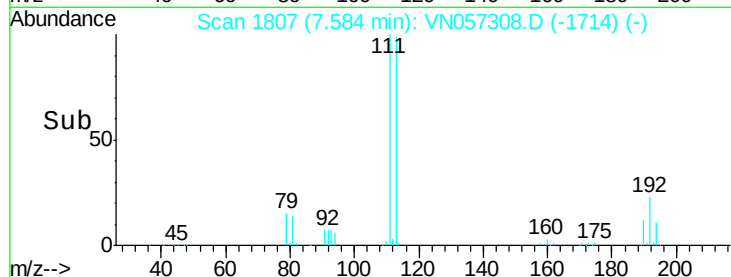
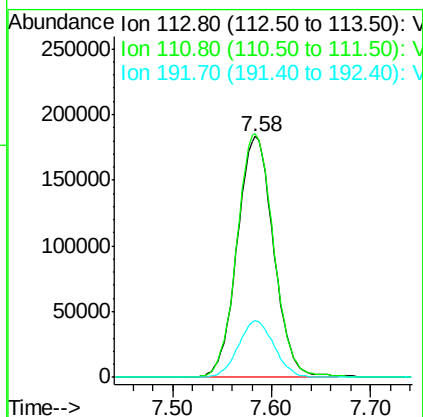
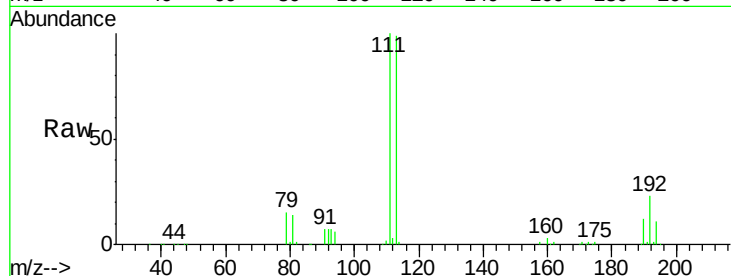




#35
 Dibromofluoromethane
 Concen: 45.604 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057308.D
 Acq: 15 Aug 2019 00:20

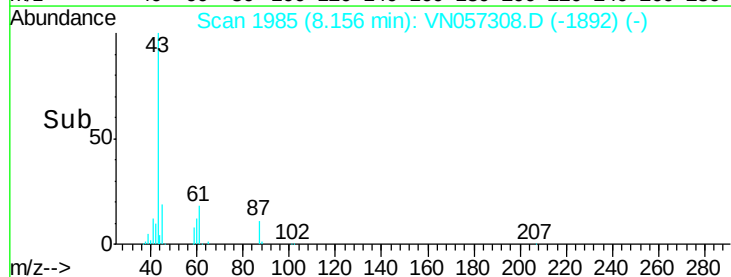
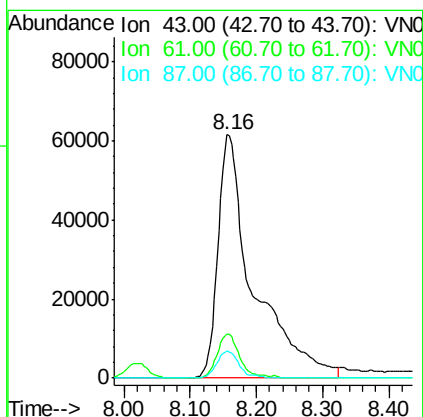
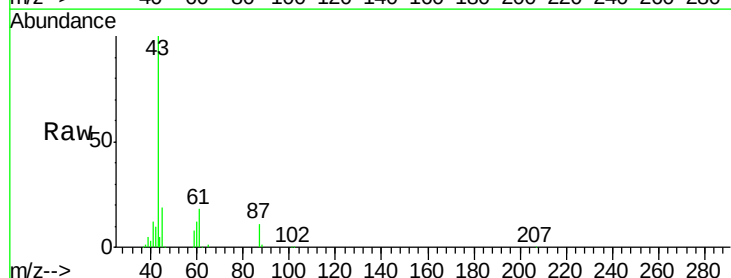
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SAMPLE-2

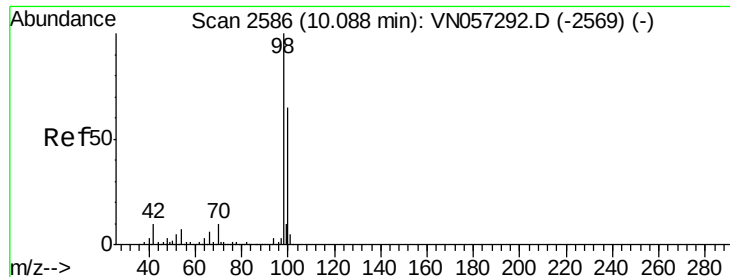
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.1	123.1
192	23.2	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 9.629 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057308.D
 Acq: 15 Aug 2019 00:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.3	21.6	32.4#
87	7.0	11.4	17.0#





#50

Toluene-d8

Concen: 48.483 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057308.D

Acq: 15 Aug 2019 00:20

Instrument :

MSVOA_N

ClientSampled :

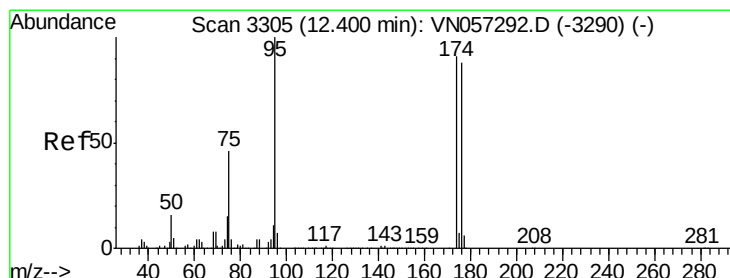
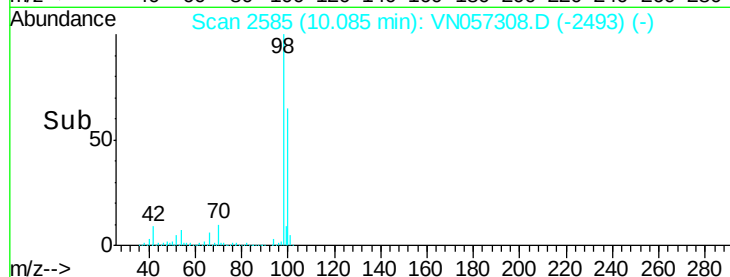
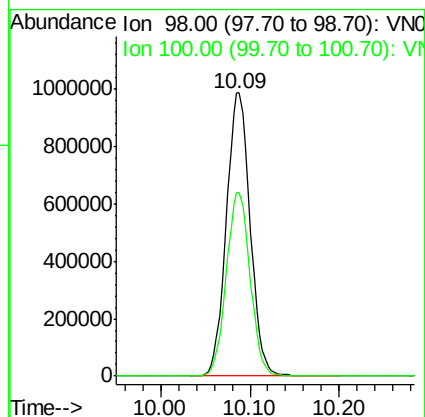
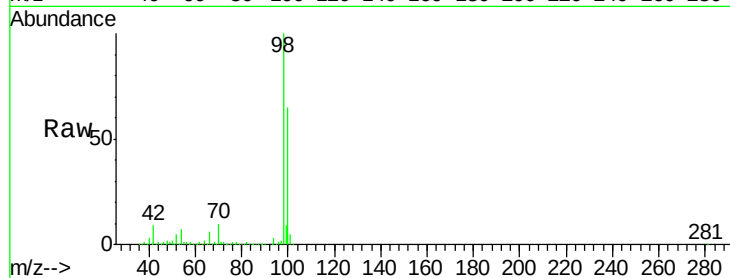
LS-SAMPLE-2

Tot Ion: 98 Resp: 1819812

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 35.201 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057308.D

Acq: 15 Aug 2019 00:20

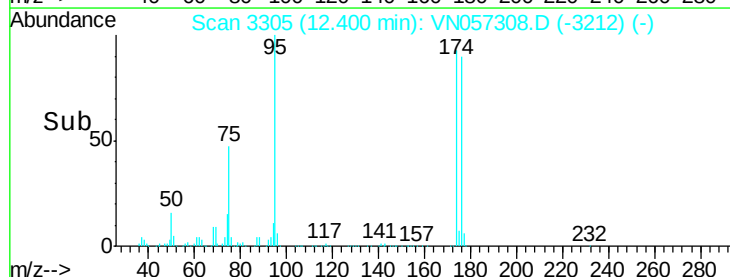
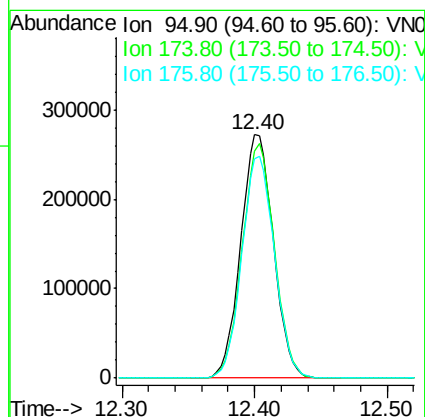
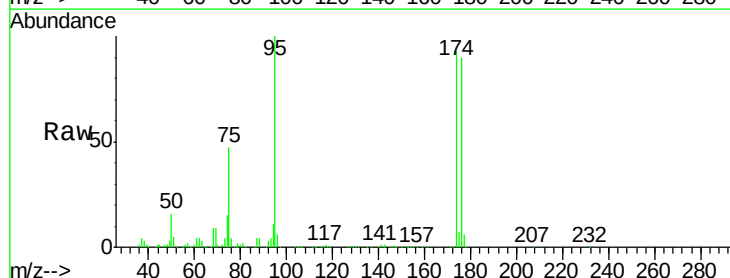
Tgt Ion: 95 Resp: 466926

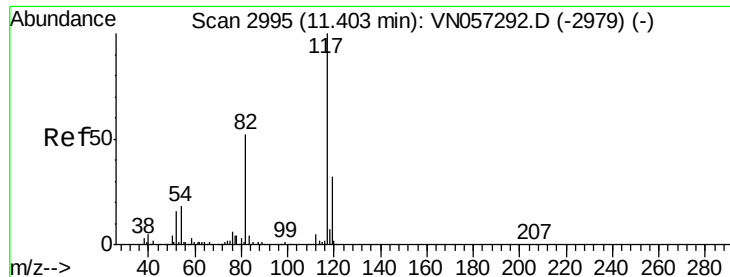
Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.0

176 90.7 0.0 181.0

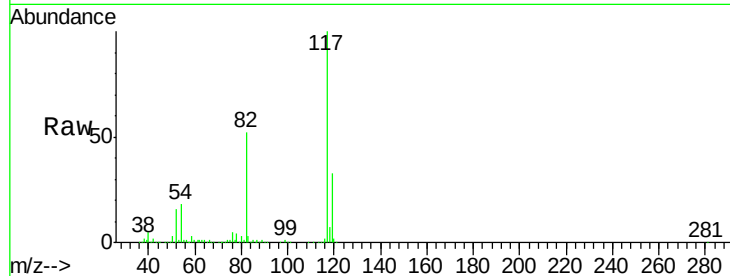




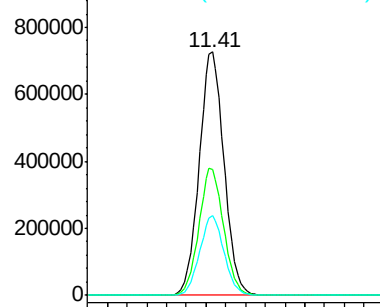
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057308.D
Acq: 15 Aug 2019 00:20

Instrument :
MSVOA_N
ClientSampleId :
LS-SAMPLE-2

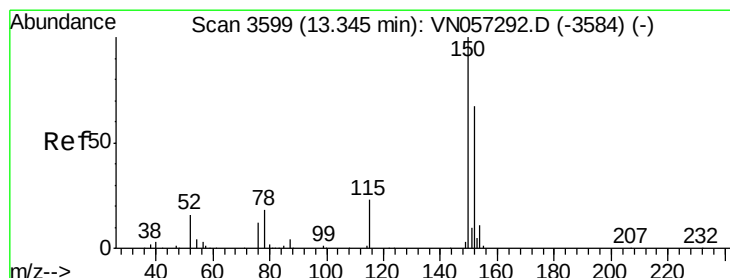
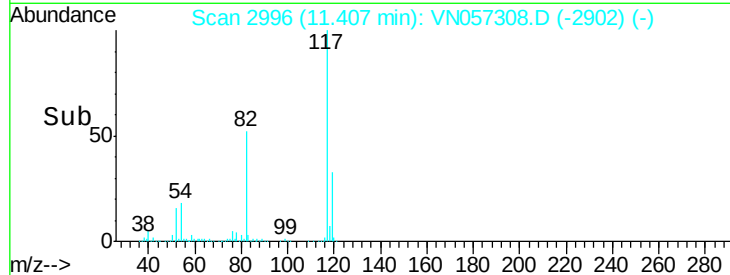
Tot Ion:117 Resp: 1280438
Ion Ratio Lower Upper
117 100
82 51.8 41.2 61.8
119 32.7 25.8 38.8



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

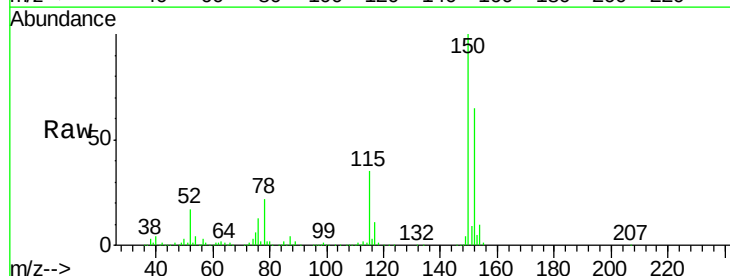


Time--> 11.30 11.40 11.50

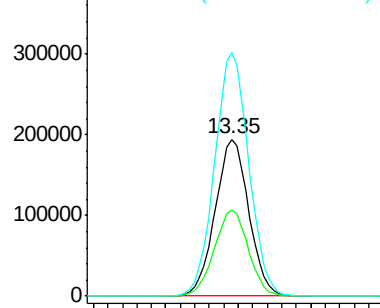


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057308.D
Acq: 15 Aug 2019 00:20

Tgt Ion:152 Resp: 313905
Ion Ratio Lower Upper
152 100
115 55.1 27.3 81.9
150 157.1 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



Time--> 13.25 13.30 13.35 13.40

