

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057310.D
 Acq On : 15 Aug 2019 1:09
 Operator : JC/SP
 Sample : K4325-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190612-LOC-14

Quant Time: Aug 15 08:59:24 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

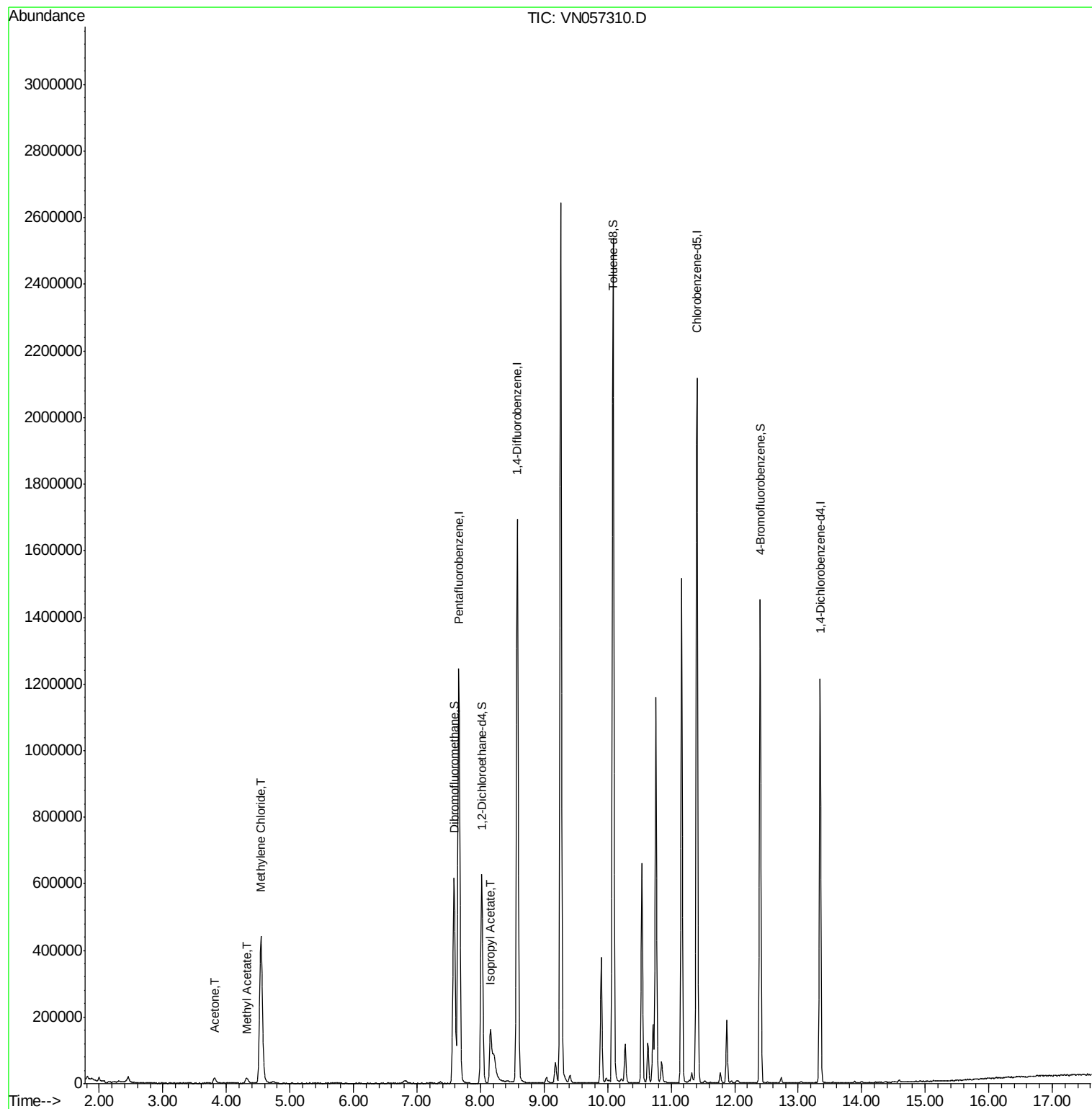
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1136116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1598463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1343968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	357489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	540441	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
35) Dibromofluoromethane	7.58	113	475219	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
50) Toluene-d8	10.09	98	1857770	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.40	95	503852	37.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.40%	
Target Compounds						
16) Acetone	3.81	43	26431	6.169	ug/l #	87
18) Methyl Acetate	4.32	43	33082	0.494	ug/l	93
20) Methylene Chloride	4.55	84	367973	30.696	ug/l	98
43) Isopropyl Acetate	8.16	43	295482	12.612	ug/l #	74

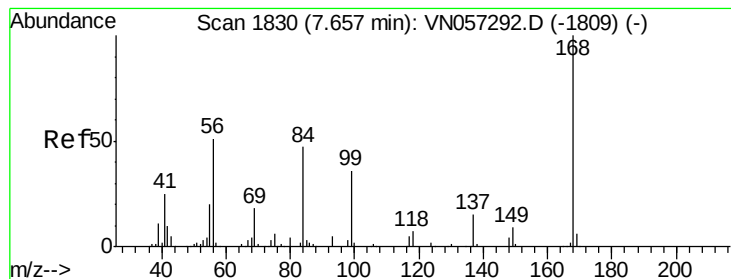
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057310.D

Acq: 15 Aug 2019 1:09

Instrument :

MSVOA_N

ClientSampleId :

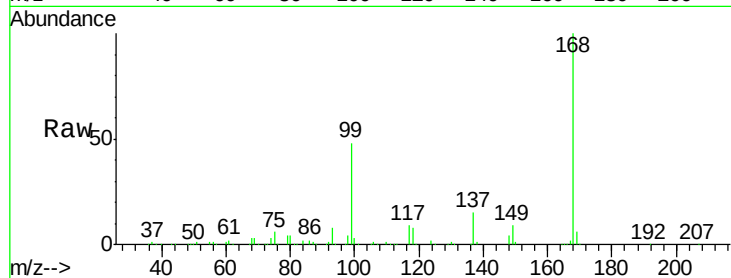
20190612-LOC-14

Tot Ion:168 Resp: 1136116

Ion Ratio Lower Upper

168 100

99 48.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

500000

400000

300000

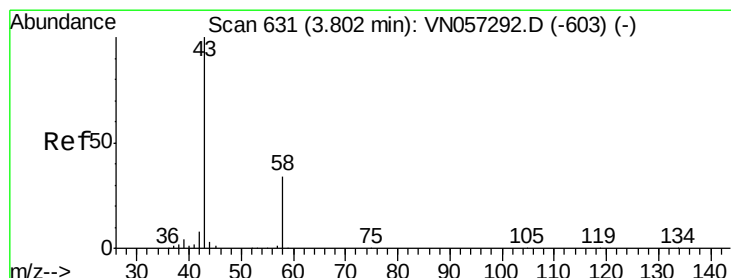
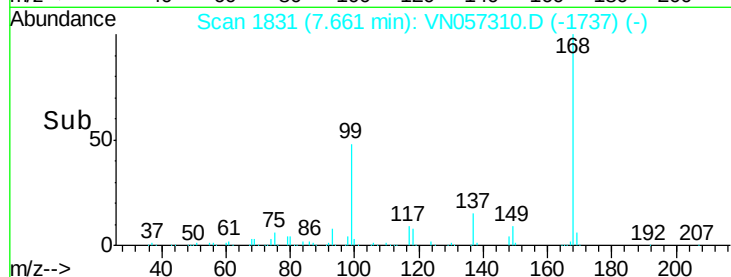
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 6.169 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057310.D

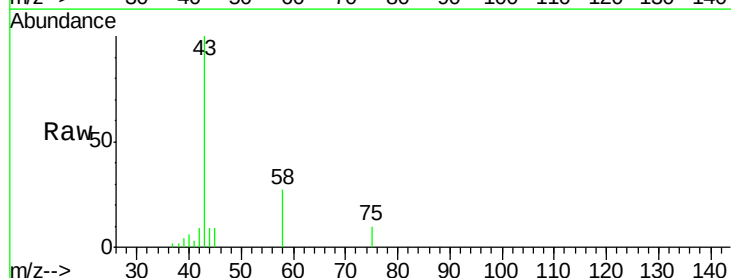
Acq: 15 Aug 2019 1:09

Tgt Ion: 43 Resp: 26431

Ion Ratio Lower Upper

43 100

58 26.6 27.0 40.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.81

12000

10000

8000

6000

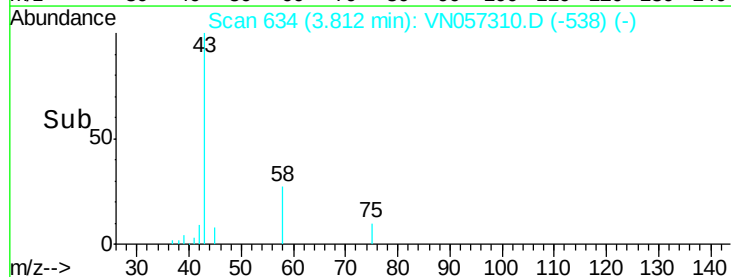
4000

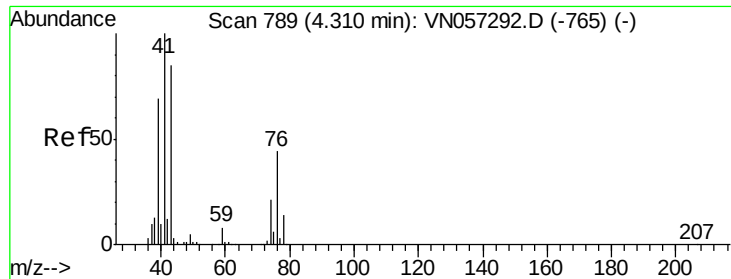
2000

0

Time-->

3.70 3.75 3.80 3.85 3.90

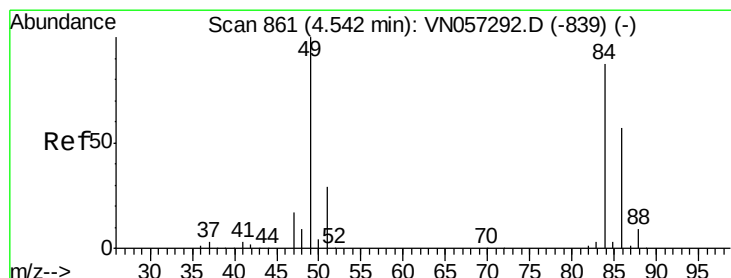
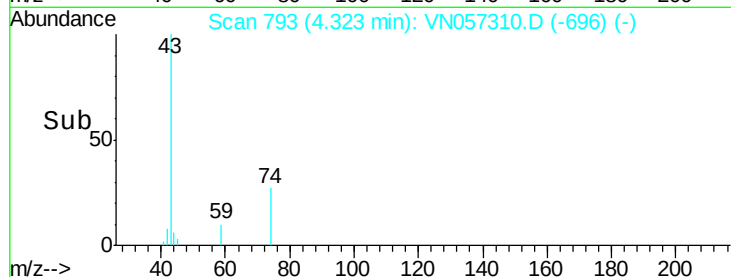
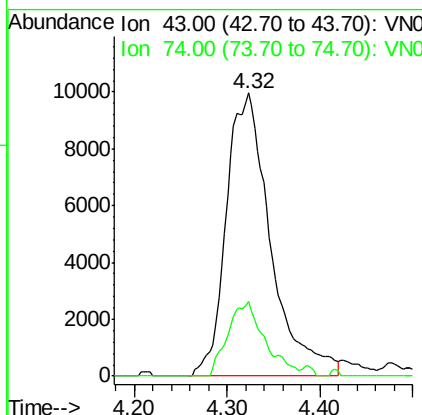
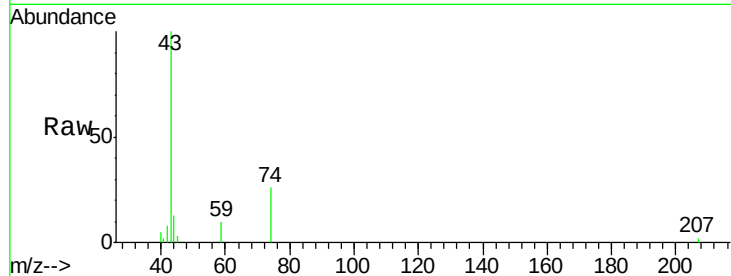




#18
Methvl Acetate
Concen: 0.494 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN057310.D
Acq: 15 Aug 2019 1:09

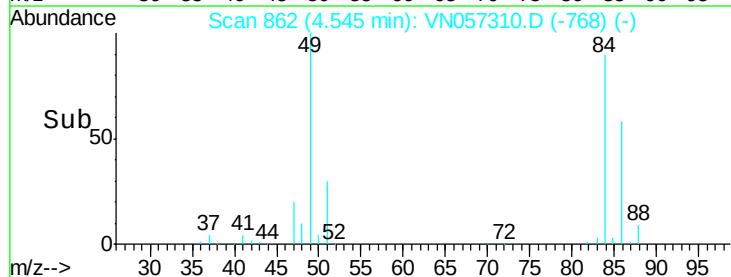
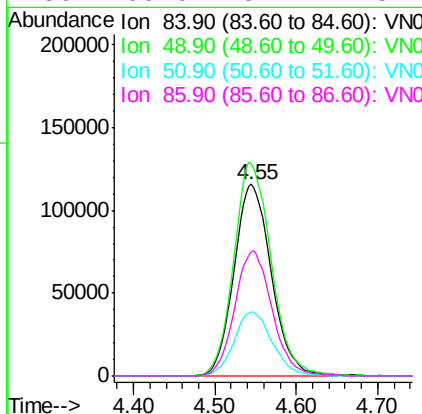
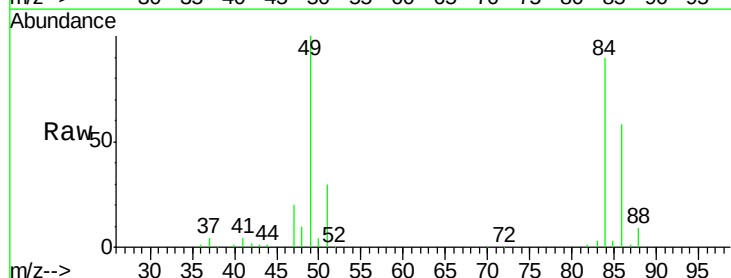
Instrument :
MSVOA_N
ClientSampleId :
20190612-LOC-14

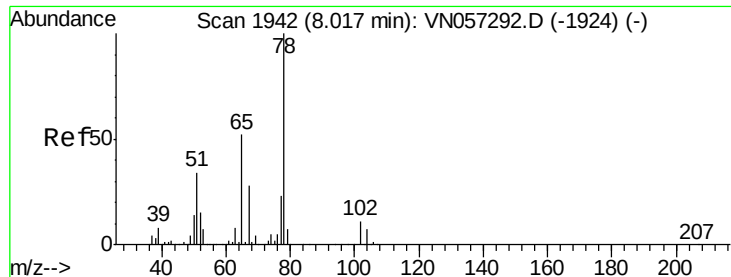
Tot Ion: 43 Resp: 33082
Ion Ratio Lower Upper
43 100
74 21.9 20.2 30.2



#20
Methylene Chloride
Concen: 30.696 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057310.D
Acq: 15 Aug 2019 1:09

Tgt Ion: 84 Resp: 367973
Ion Ratio Lower Upper
84 100
49 111.3 92.0 138.0
51 33.3 27.1 40.7
86 65.0 52.2 78.2

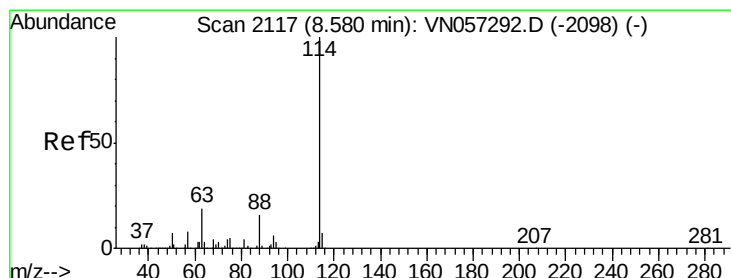
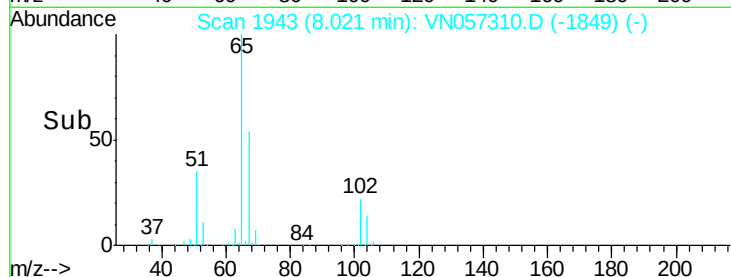
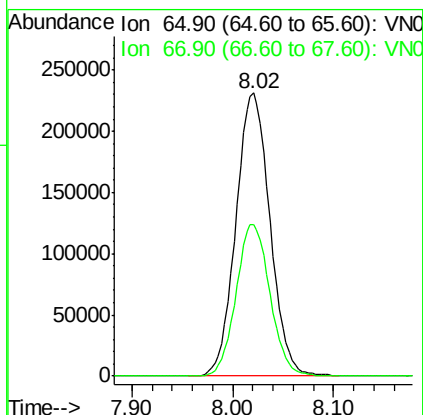
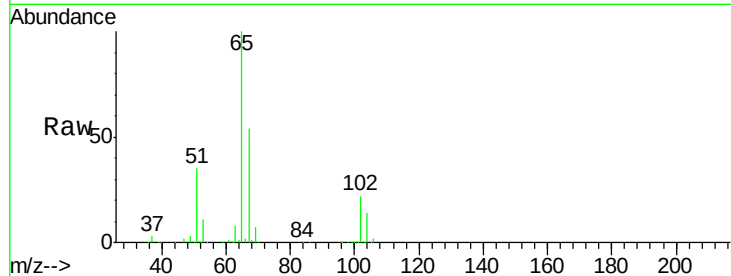




#33
 1,2-Dichloroethane-d4
 Concen: 43.758 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057310.D
 Acq: 15 Aug 2019 1:09

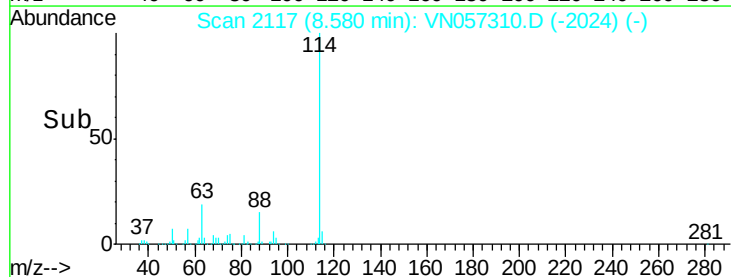
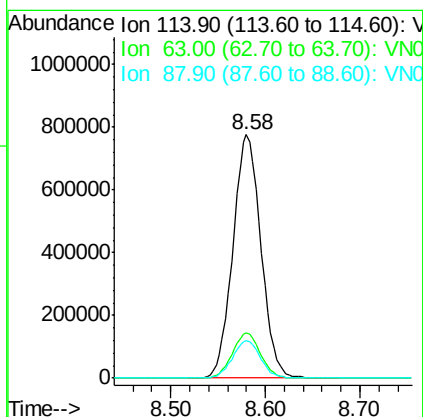
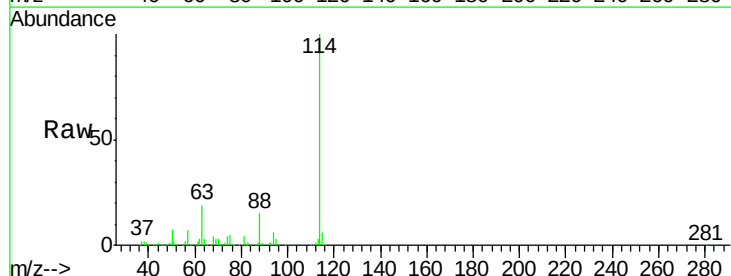
Instrument :
 MSVOA_N
 ClientSampleId :
 20190612-LOC-14

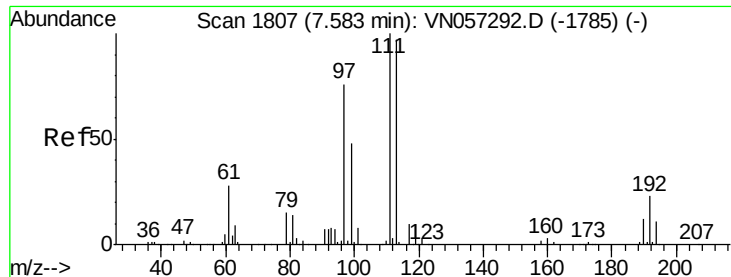
Tot Ion: 65 Resp: 540441
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057310.D
 Acq: 15 Aug 2019 1:09

Tgt Ion: 114 Resp: 1598463
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.8
 88 15.4 0.0 31.4

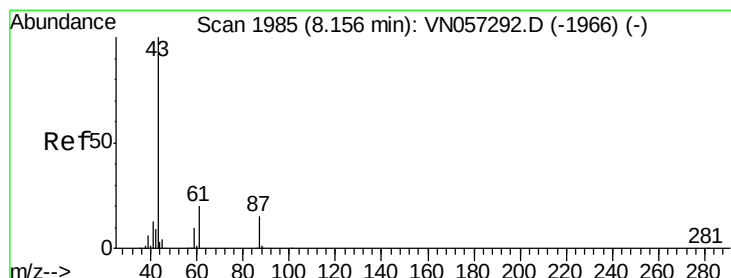
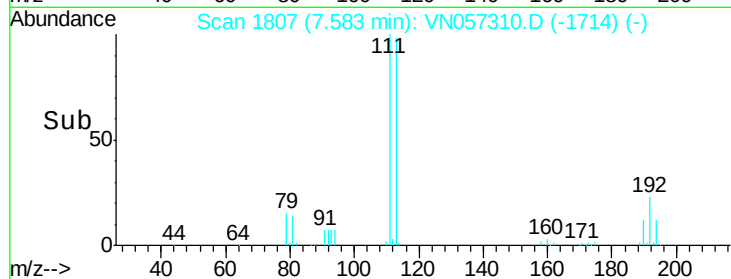
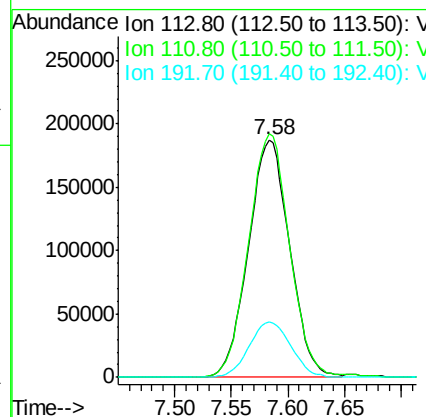
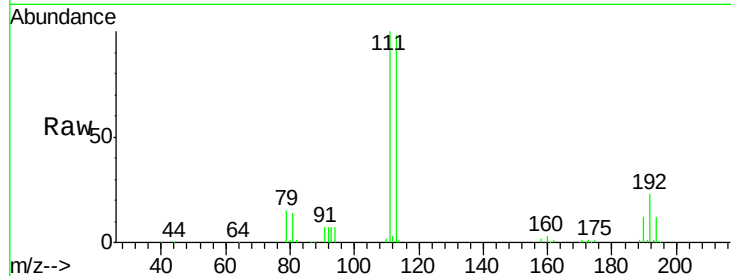




#35
 Dibromofluoromethane
 Concen: 45.353 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057310.D
 Acq: 15 Aug 2019 1:09

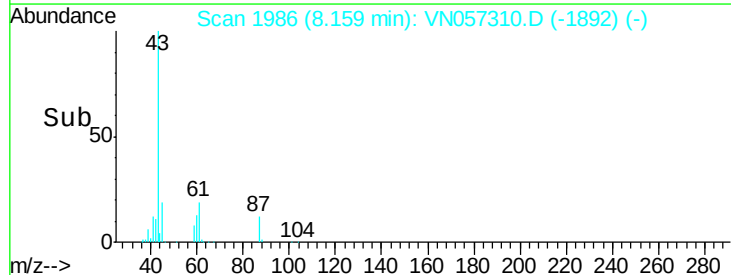
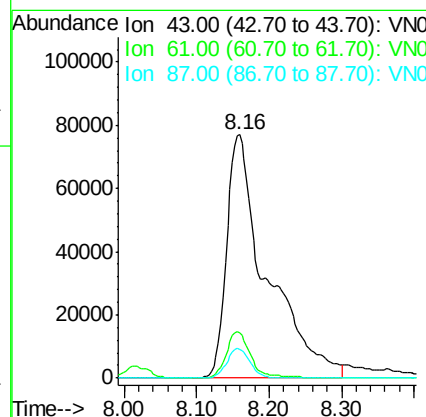
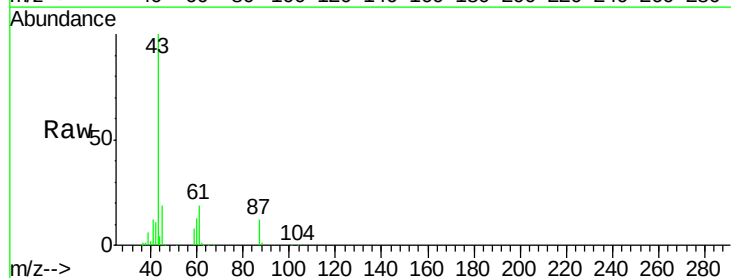
Instrument :
 MSVOA_N
 ClientSampleId :
 20190612-LOC-14

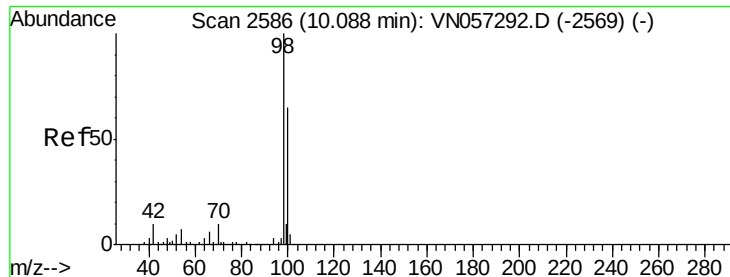
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	23.8	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 12.612 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057310.D
 Acq: 15 Aug 2019 1:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.6	21.6	32.4#
87	7.0	11.4	17.0#





#50

Toluene-d8

Concen: 48.475 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057310.D

Acq: 15 Aug 2019 1:09

Instrument :

MSVOA_N

ClientSampleId :

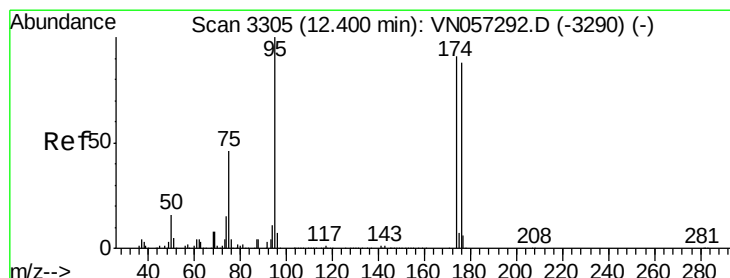
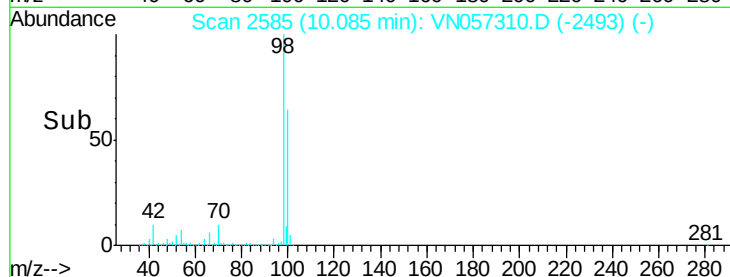
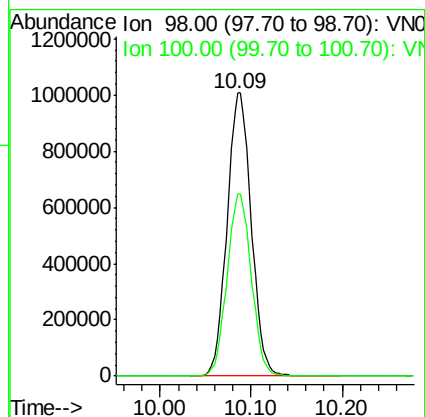
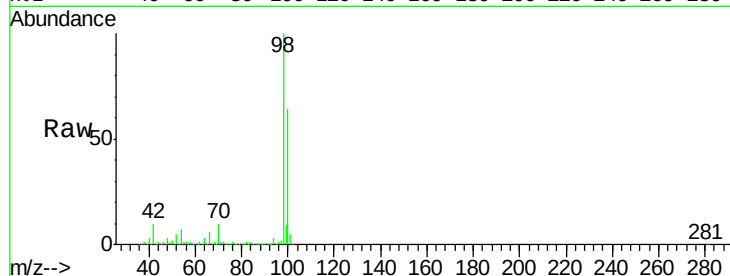
20190612-LOC-14

Tot Ion: 98 Resp: 1857770

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 37.202 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057310.D

Acq: 15 Aug 2019 1:09

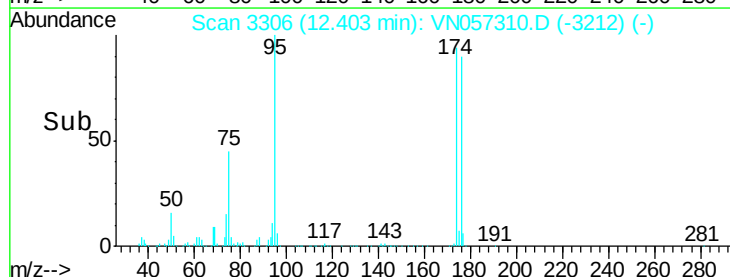
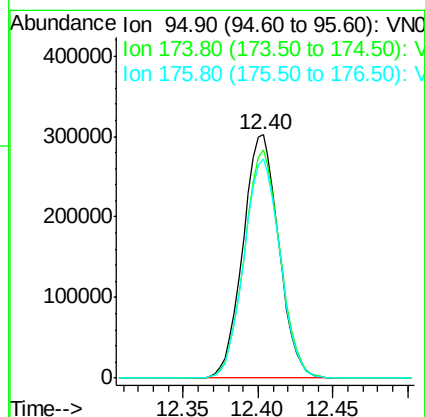
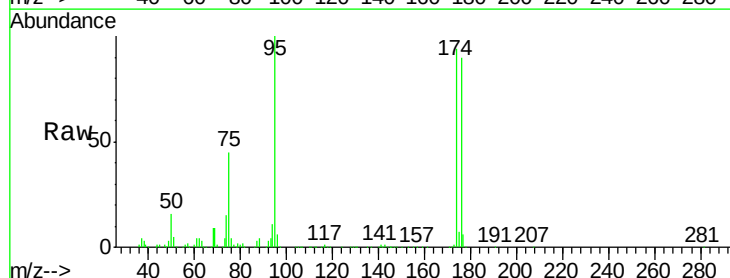
Tgt Ion: 95 Resp: 503852

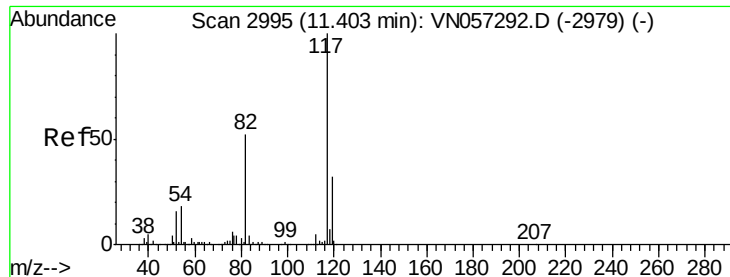
Ion Ratio Lower Upper

95 100

174 93.6 0.0 185.0

176 90.4 0.0 181.0

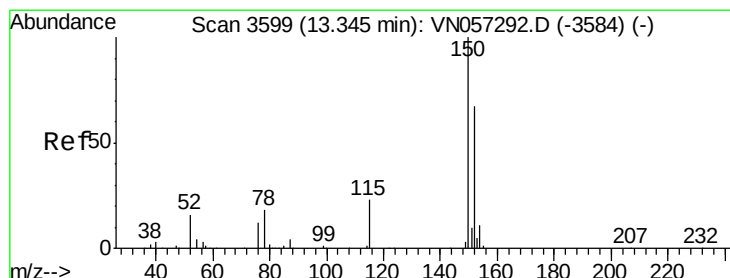
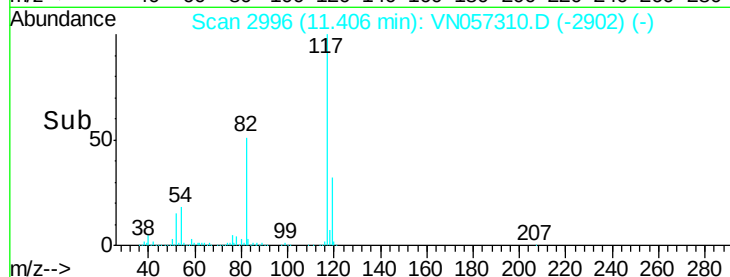
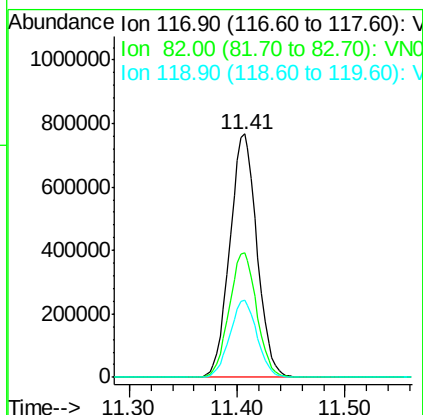
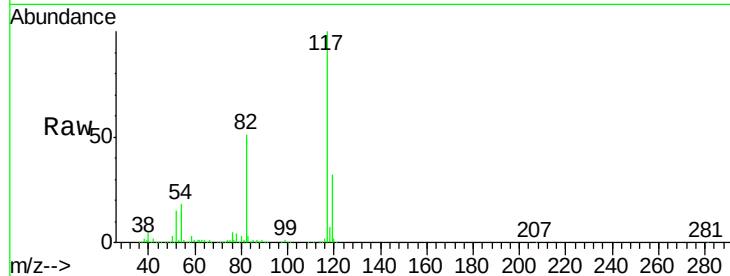




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057310.D
Acq: 15 Aug 2019 1:09

Instrument :
MSVOA_N
ClientSampleId :
20190612-LOC-14

Tot Ion:117 Resp: 1343968
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057310.D
Acq: 15 Aug 2019 1:09

Tgt Ion:152 Resp: 357489
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 154.0 0.0 344.4

