

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058313.D
 Acq On : 23 Sep 2019 23:39
 Operator : JC/SP
 Sample : K5002-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0515

Manual Integrations
 APPROVED

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 9/25/2019 12:49:40 AM

Quant Time: Sep 24 06:50:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	463562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	769114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	652040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	256625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	347830	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
35) Dibromofluoromethane	7.58	113	241491	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	10.09	98	969008	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.41	95	304026	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
Target Compounds						
16) Acetone	3.80	43	44246	20.189	ug/l	98
25) 2-Butanone	6.83	43	13812m	4.626	ug/l	

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

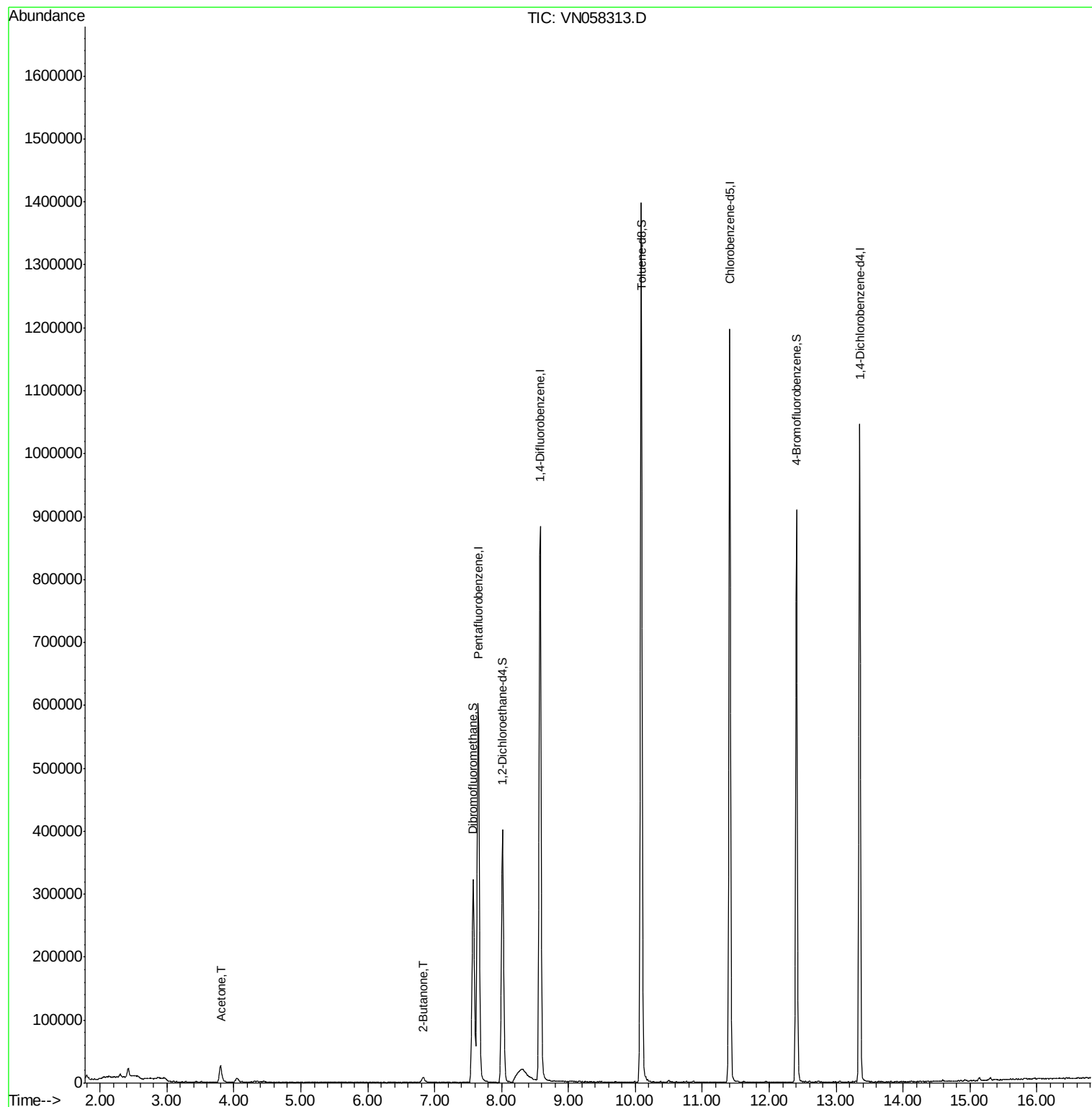
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092319\
Data File : VN058313.D
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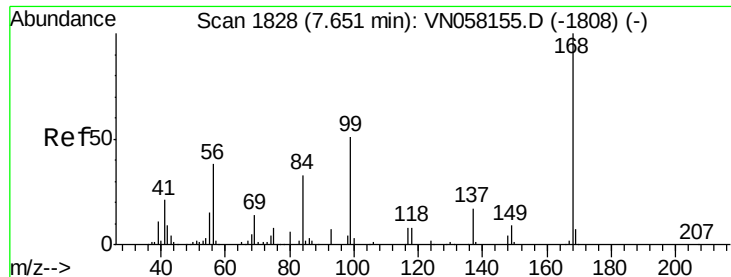
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058313.D

Acq: 23 Sep 2019 23:39

Instrument :

MSVOA_N

ClientSampleId :

S49-0515

Tot Ion:168 Resp: 463562

Ion Ratio Lower Upper

168 100

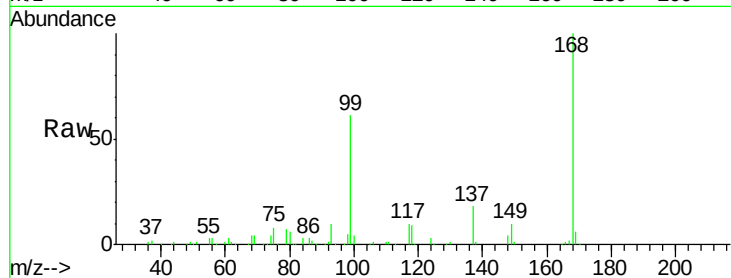
99 61.0 47.4 71.2

Manual Integrations

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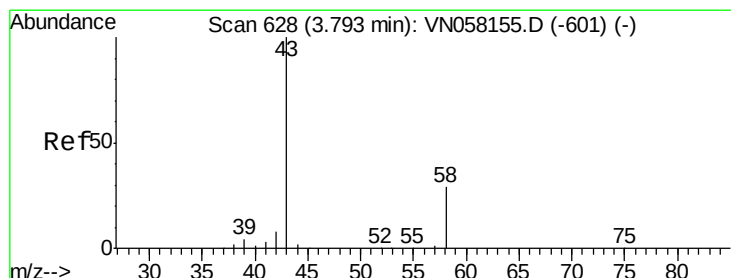
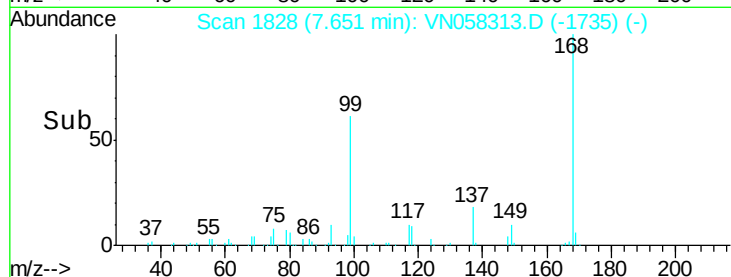
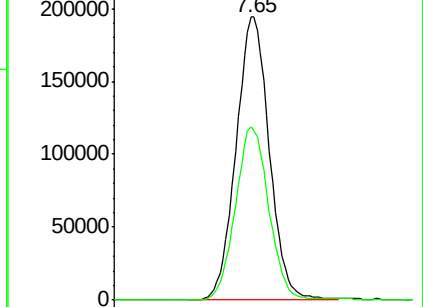
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 20.189 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058313.D

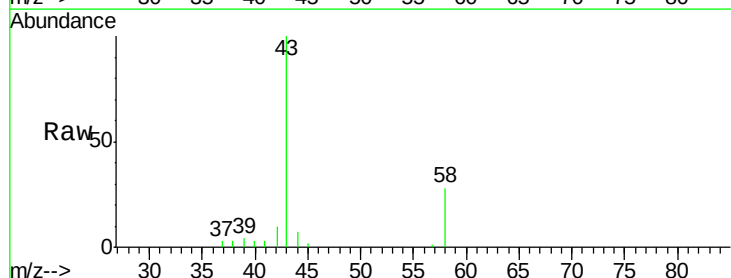
Acq: 23 Sep 2019 23:39

Tgt Ion: 43 Resp: 44246

Ion Ratio Lower Upper

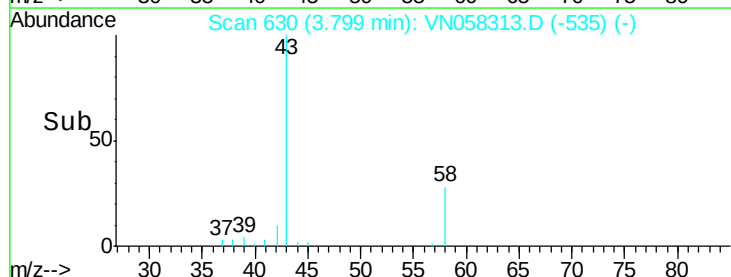
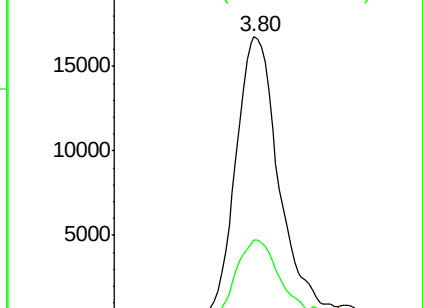
43 100

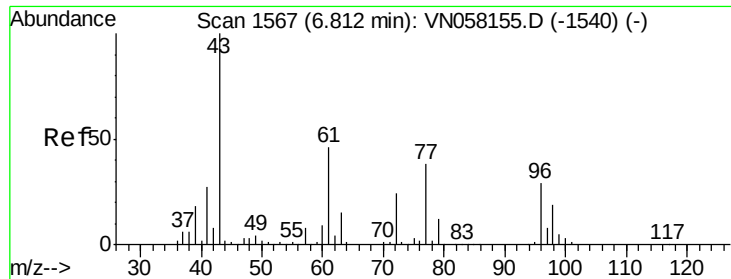
58 28.3 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#25

2-Butanone

Concen: 4.626 ug/l m

RT: 6.83 min Scan# 1573

Delta R.T. 0.02 min

Lab File: VN058313.D

Acq: 23 Sep 2019 23:39

Instrument :

MSVOA_N

ClientSampled :

S49-0515

Tot Ion: 43 Resp: 13812

Ion Ratio Lower Upper

43 100

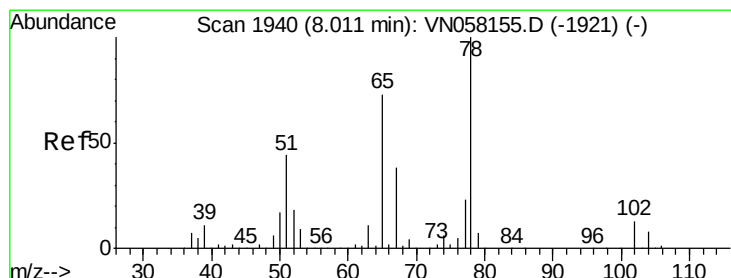
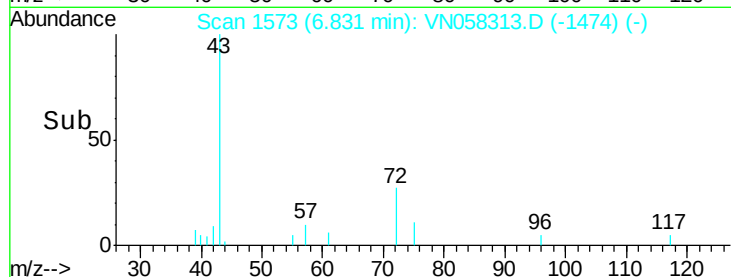
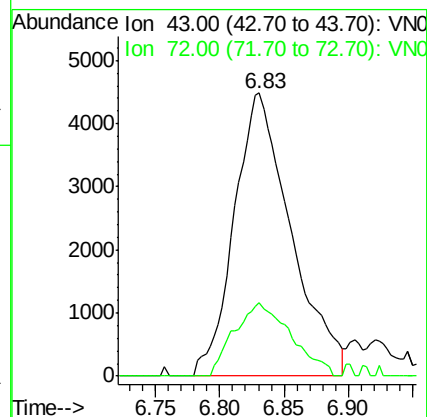
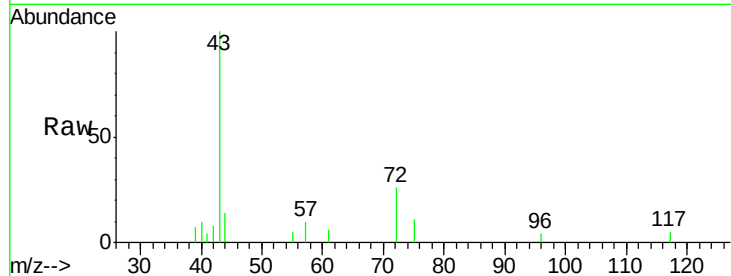
72 26.0 19.5 29.3

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#33

1,2-Dichloroethane-d4

Concen: 53.873 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058313.D

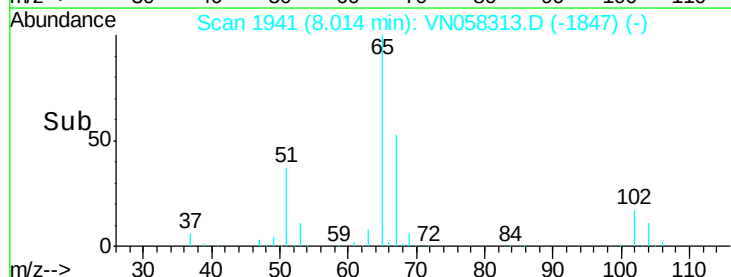
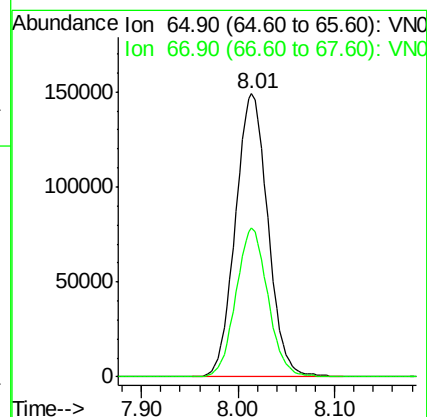
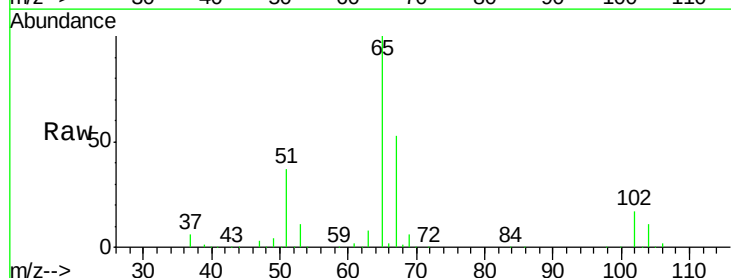
Acq: 23 Sep 2019 23:39

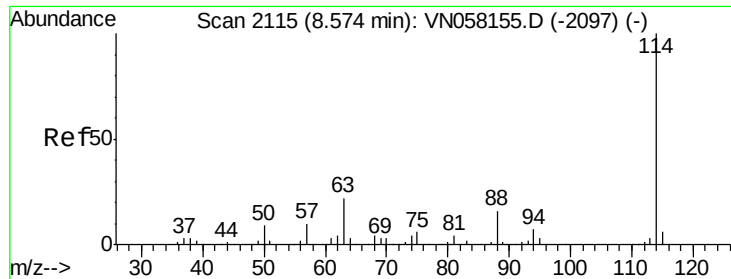
Tgt Ion: 65 Resp: 347830

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058313.D

Acq: 23 Sep 2019 23:39

Instrument :

MSVOA_N

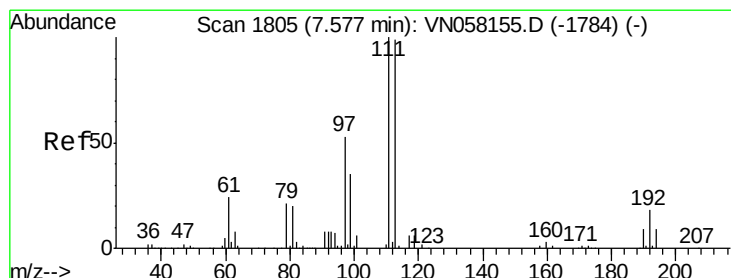
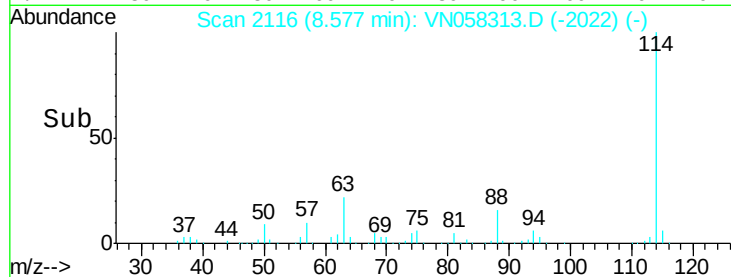
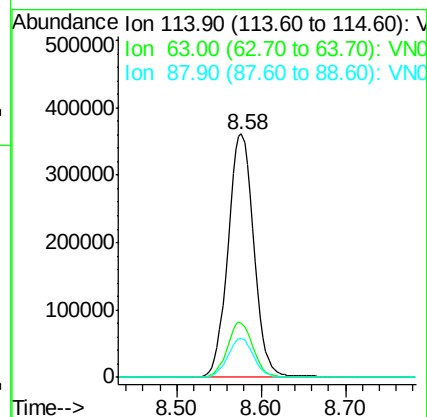
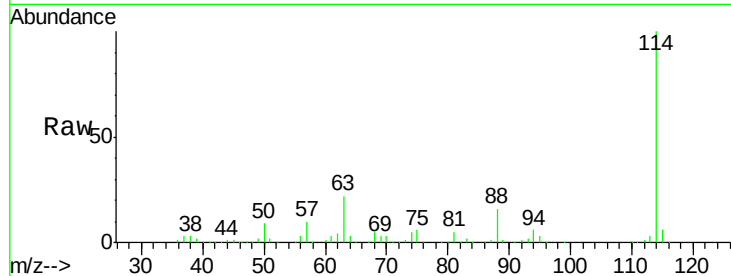
ClientSampled :

S49-0515

Tot Ion:	114	Resp:	769114
Ion Ratio		Lower	Upper
114	100		
63	22.2	0.0	44.2
88	16.2	0.0	31.6

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#35

Dibromofluoromethane

Concen: 51.649 ug/l

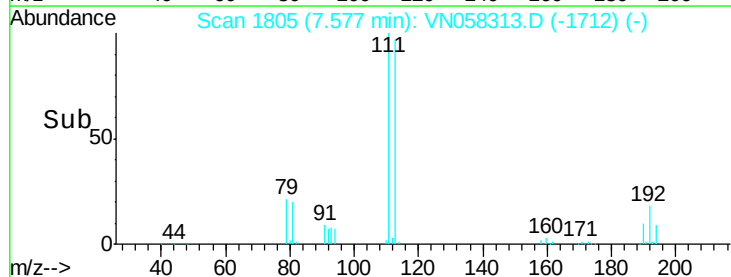
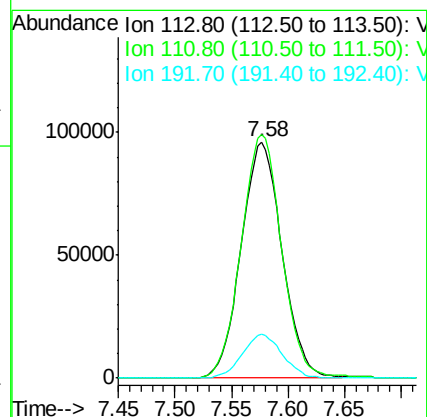
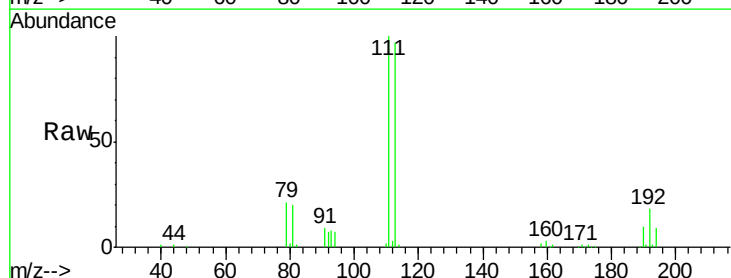
RT: 7.58 min Scan# 1805

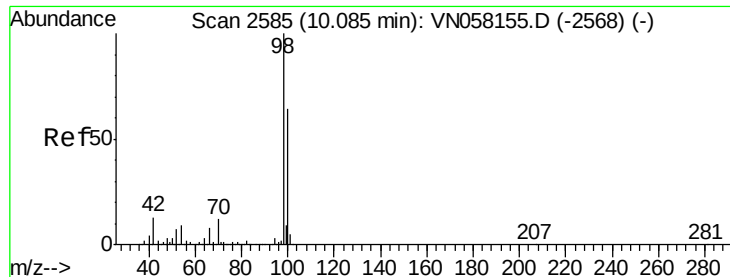
Delta R.T. -0.00 min

Lab File: VN058313.D

Acq: 23 Sep 2019 23:39

Tgt Ion:	113	Resp:	241491
Ion Ratio		Lower	Upper
113	100		
111	102.6	81.8	122.6
192	18.2	14.5	21.7





#50

Toluene-d8

Concen: 53.192 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058313.D

Acq: 23 Sep 2019 23:39

Instrument :

MSVOA_N

ClientSampleId :

S49-0515

Tot Ion: 98 Resp: 969008

Ion Ratio Lower Upper

98 100

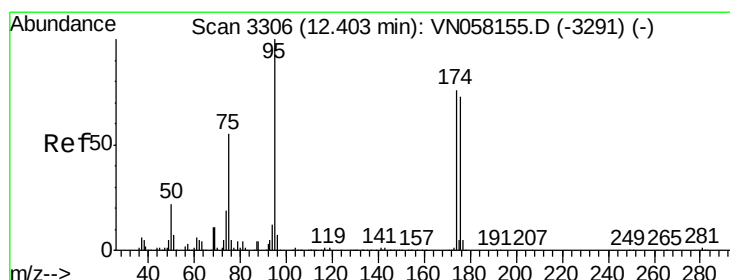
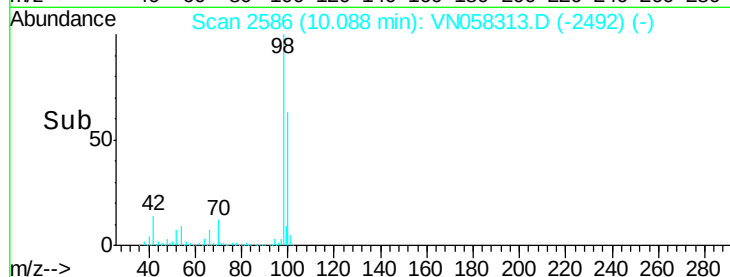
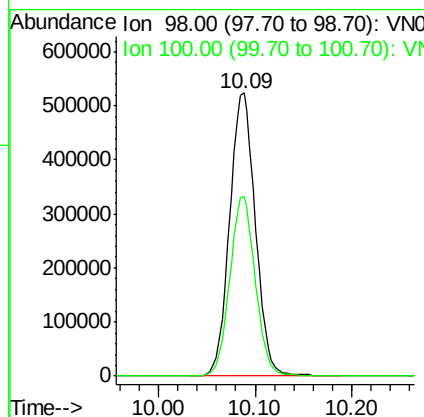
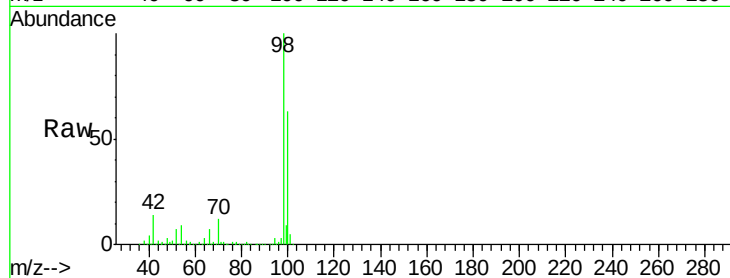
100 62.8 51.1 76.7

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#62

4-Bromofluorobenzene

Concen: 44.928 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058313.D

Acq: 23 Sep 2019 23:39

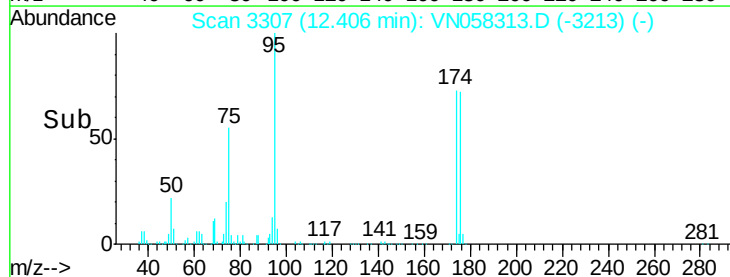
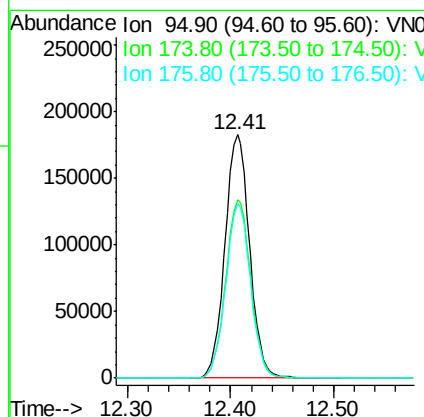
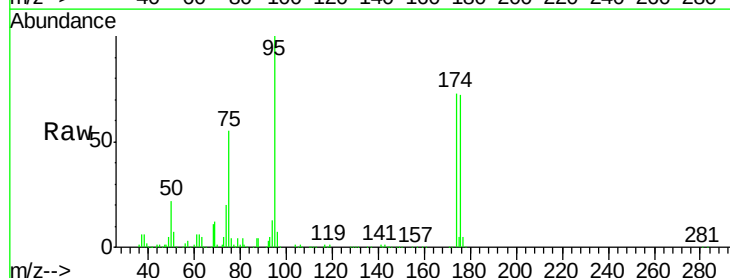
Tgt Ion: 95 Resp: 304026

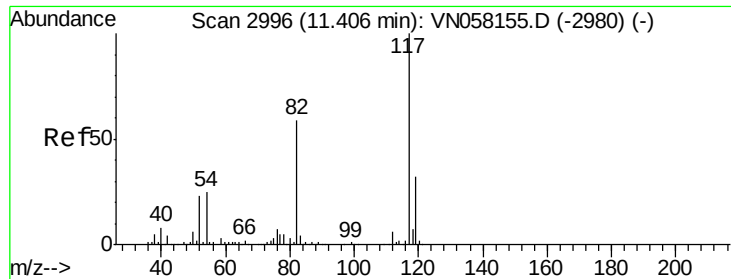
Ion Ratio Lower Upper

95 100

174 75.1 0.0 152.2

176 71.9 0.0 148.0





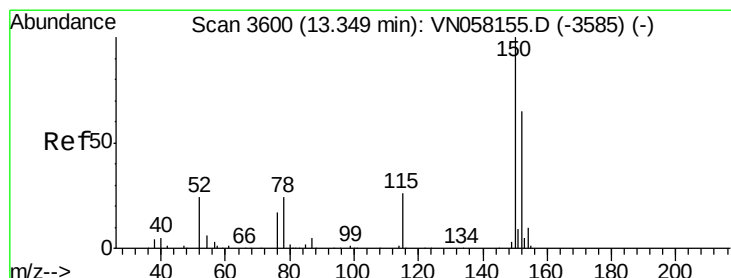
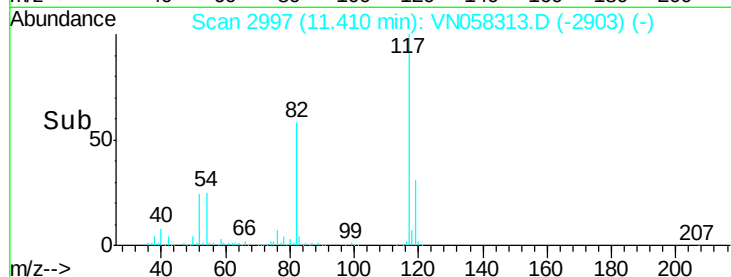
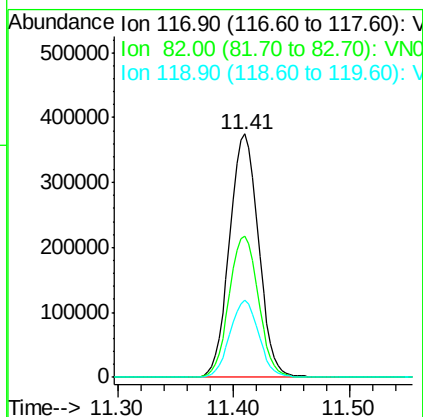
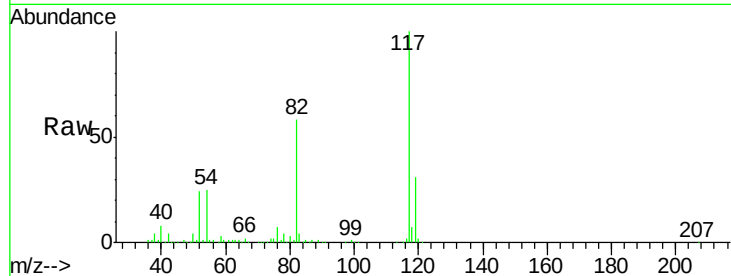
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058313.D
Acq: 23 Sep 2019 23:39

Instrument :
MSVOA_N
ClientSampled :
S49-0515

Tot Ion	Ratio	Resp	Lower	Upper
117	100	652040		
82	57.9	46.9	70.3	
119	31.5	25.3	37.9	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058313.D
Acq: 23 Sep 2019 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	256625		
115	62.1	30.1	90.3	
150	159.5	0.0	346.4	

