

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055508.D
 Acq On : 9 May 2019 19:49
 Operator : JC/SP
 Sample : K2727-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWS-3

Quant Time: May 10 05:09:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	959538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1649430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1397535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	489391	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	659859	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	
35) Dibromofluoromethane	7.59	113	510191	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	10.09	98	2019219	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.40	95	619141	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	

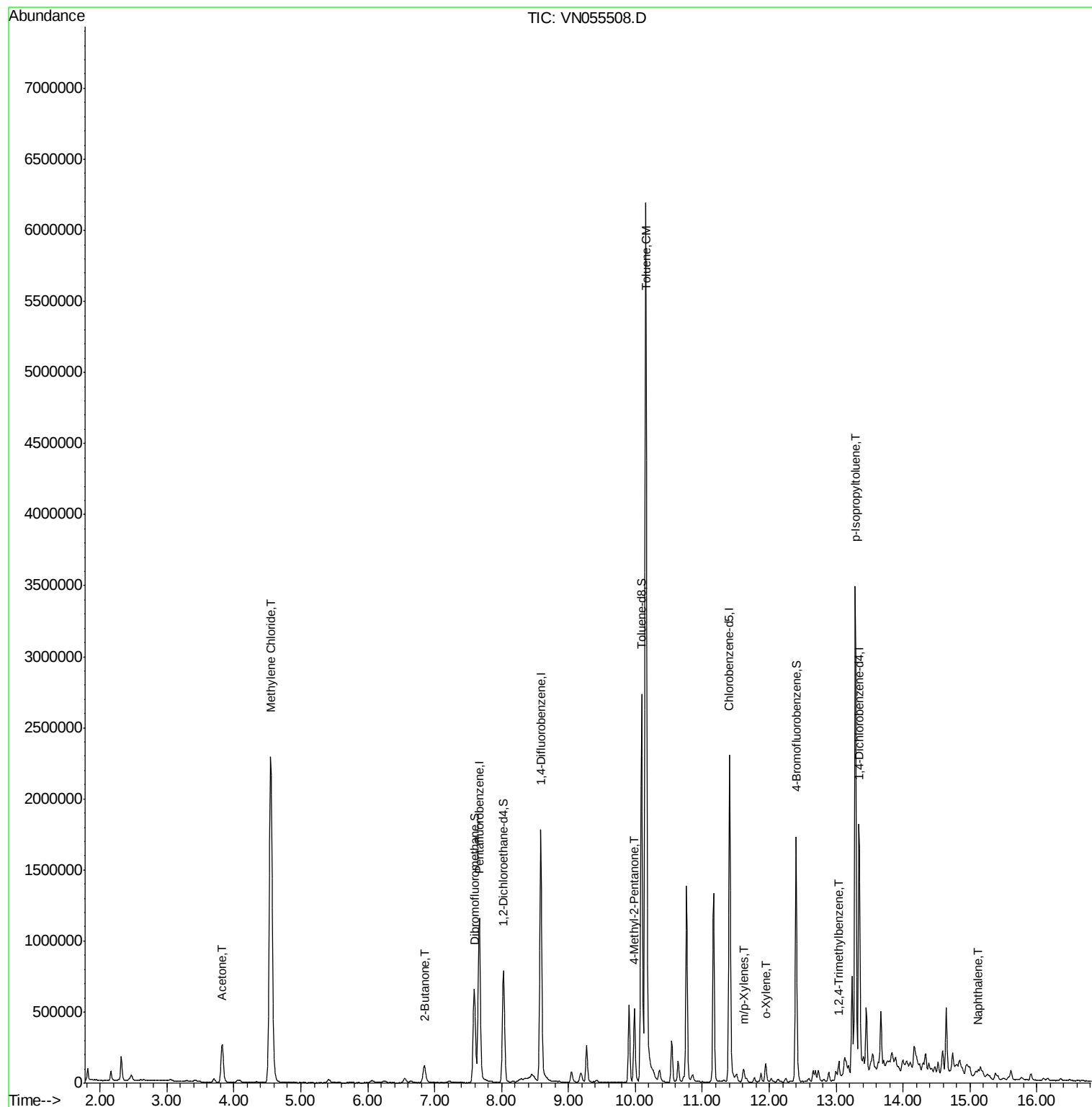
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	453274	67.758	ug/l	99
20) Methylene Chloride	4.55	84	1710391	125.037	ug/l	99
25) 2-Butanone	6.84	43	220612	23.874	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	366149	20.673	ug/l	99
52) Toluene	10.16	92	2823815	97.940	ug/l	99
68) m/p-Xylenes	11.62	106	28361	1.463	ug/l	100
69) o-Xylene	11.95	106	20144	1.058	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	78045	2.174	ug/l	97
86) p-Isopropyltoluene	13.29	119	1983734	54.669	ug/l	100
95) Naphthalene	15.13	128	14483	3.605	ug/l	95

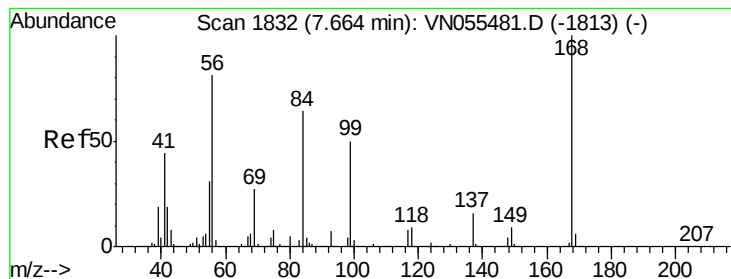
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055508.D

Acq: 9 May 2019 19:49

Instrument :

MSVOA_N

ClientSampled :

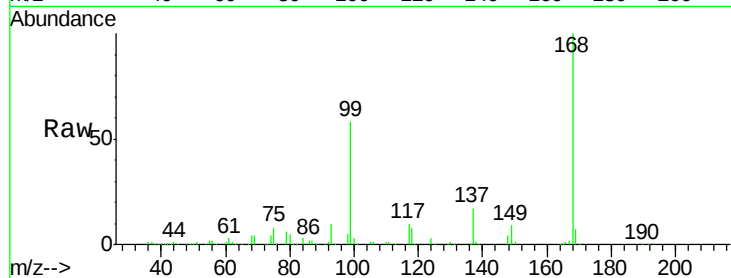
OWS-3

Tot Ion:168 Resp: 959538

Ion Ratio Lower Upper

168 100

99 57.8 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

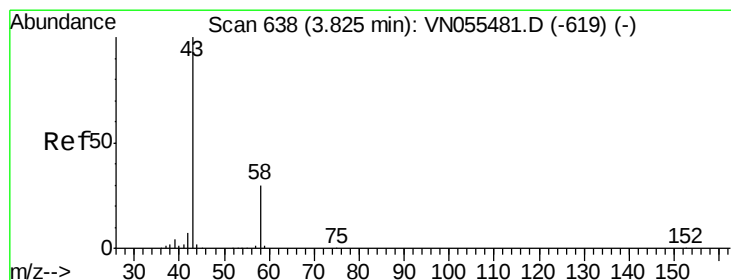
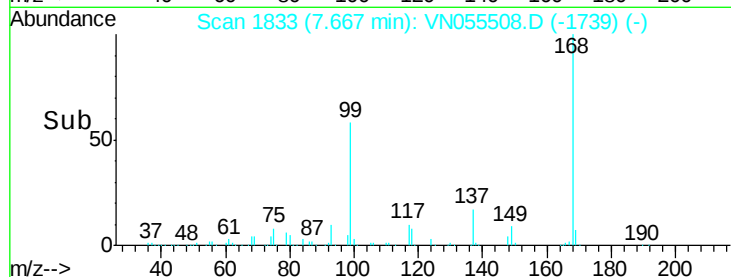
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 67.758 ug/l

RT: 3.82 min Scan# 638

Delta R.T. -0.00 min

Lab File: VN055508.D

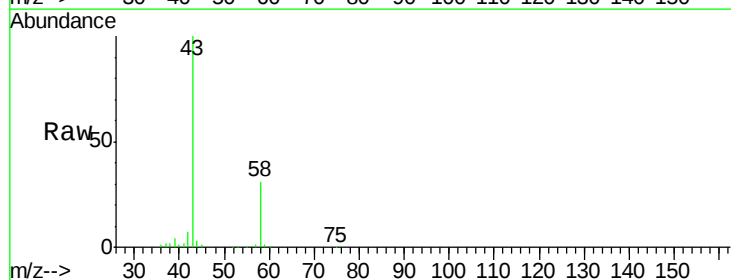
Acq: 9 May 2019 19:49

Tgt Ion: 43 Resp: 453274

Ion Ratio Lower Upper

43 100

58 30.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

200000

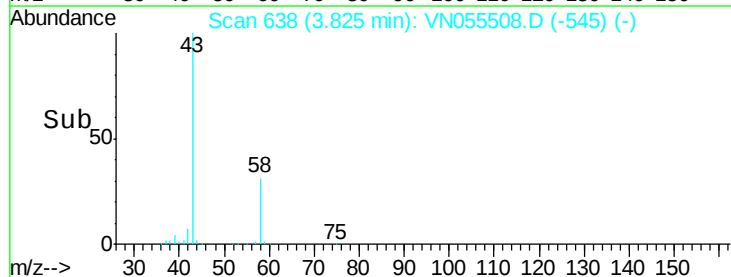
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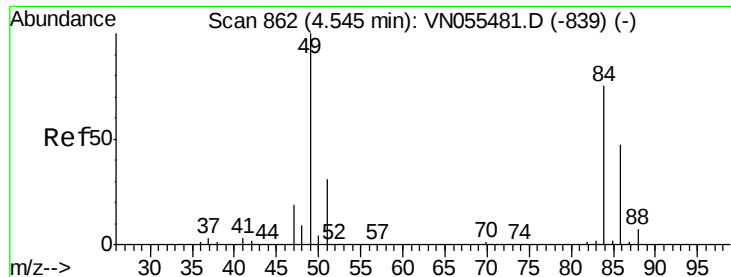
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50000

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Time-->



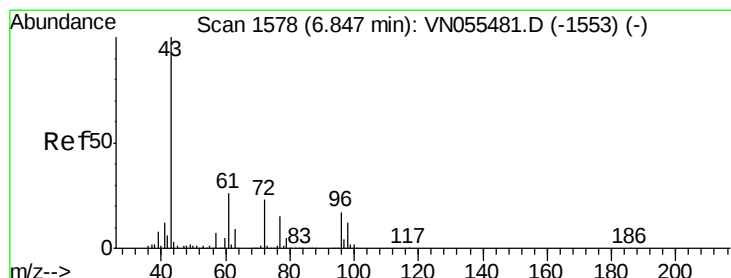
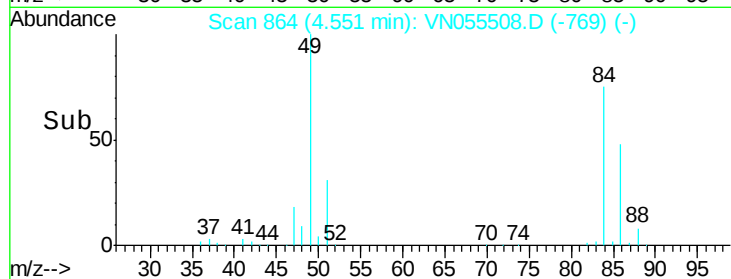
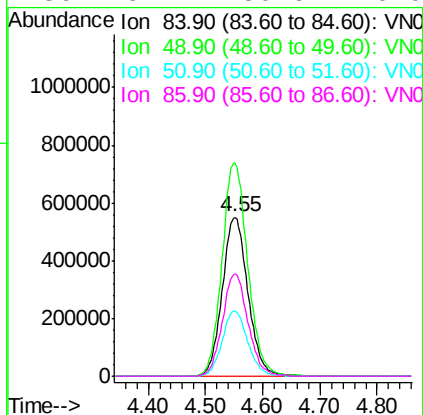
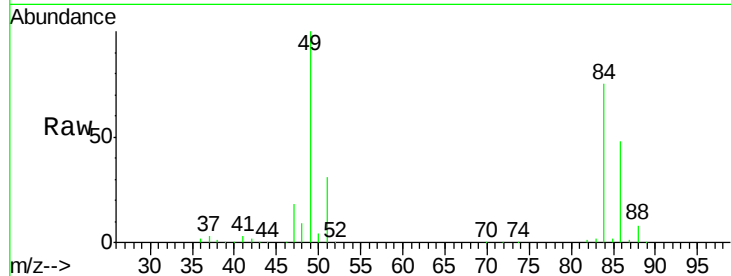


#20
Methvlene Chloride
Concen: 125.037 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055508.D
Acq: 9 May 2019 19:49

Instrument :
MSVOA_N
ClientSampled :
OWS-3

Tot Ion: 84 Resp: 1710391

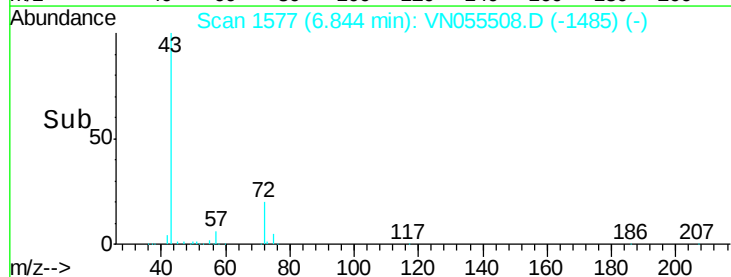
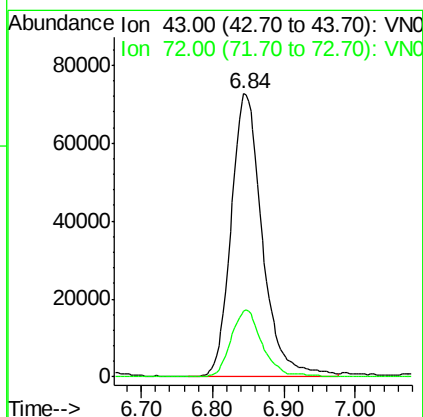
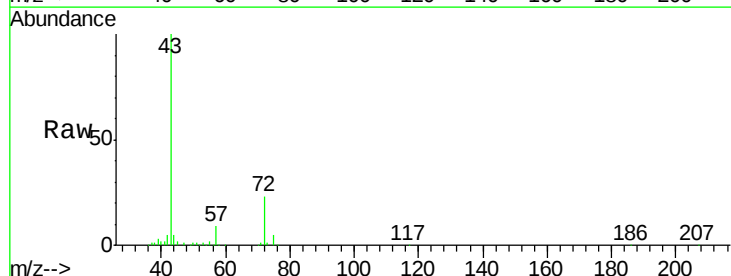
Ion	Ratio	Lower	Upper
84	100		
49	134.2	107.0	160.6
51	41.2	33.0	49.4
86	64.2	50.6	76.0

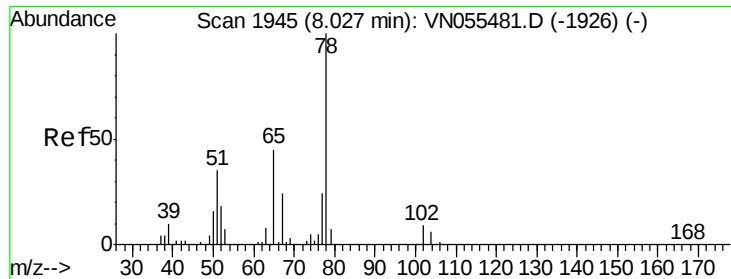


#25
2-Butanone
Concen: 23.874 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN055508.D
Acq: 9 May 2019 19:49

Tgt Ion: 43 Resp: 220612

Ion	Ratio	Lower	Upper
43	100		
72	23.5	18.6	27.8

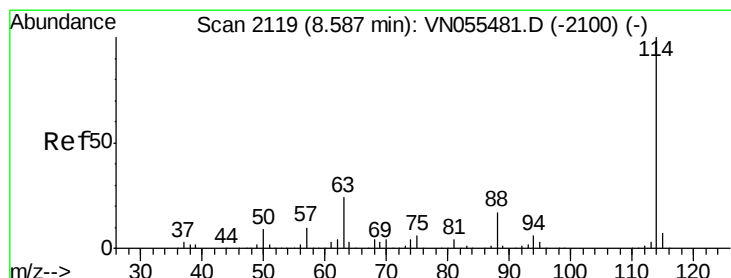
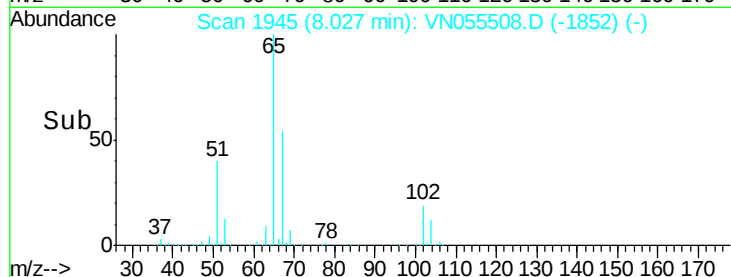
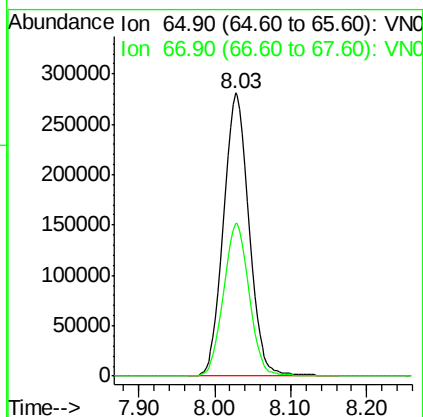
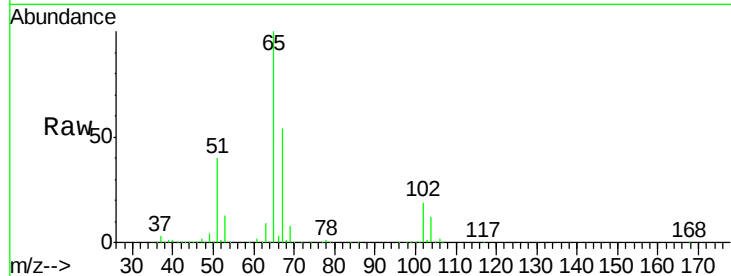




#33
 1,2-Dichloroethane-d4
 Concen: 45.673 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055508.D
 Acq: 9 May 2019 19:49

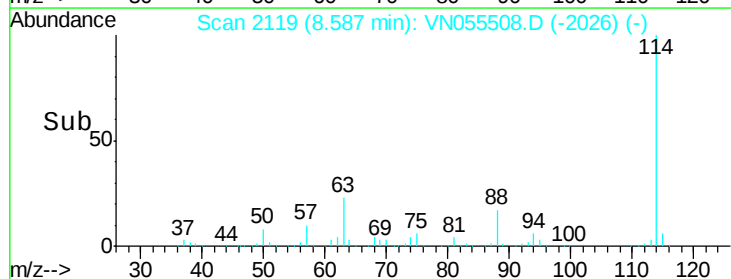
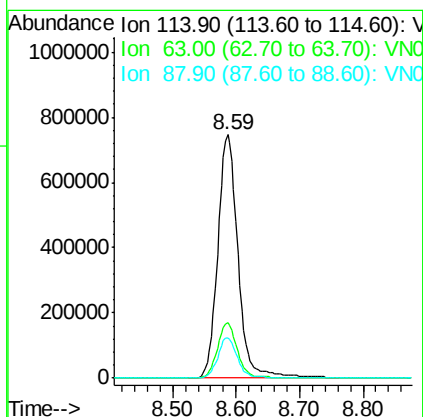
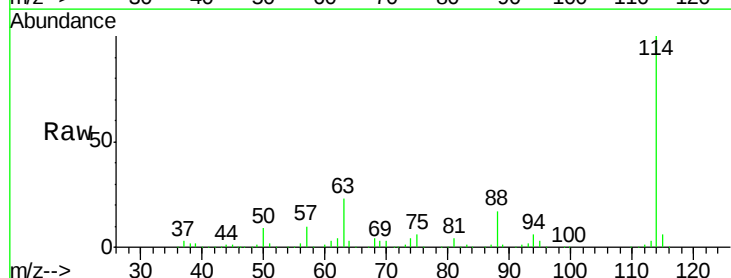
Instrument :
 MSVOA_N
 ClientSampleId :
 OWS-3

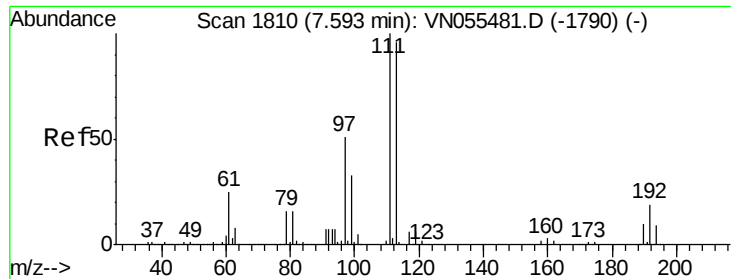
Tot Ion: 65 Resp: 659859
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055508.D
 Acq: 9 May 2019 19:49

Tgt Ion: 114 Resp: 1649430
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.4
 88 16.6 0.0 34.0

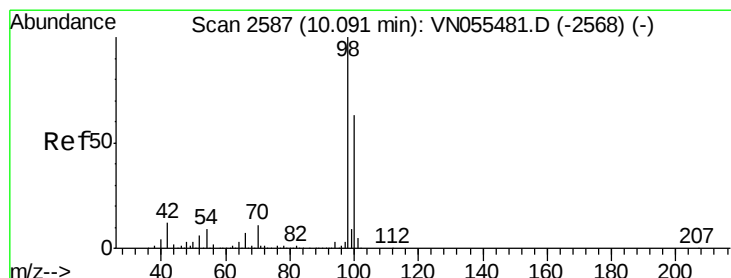
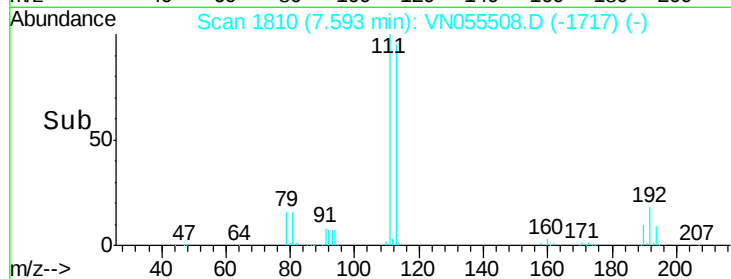
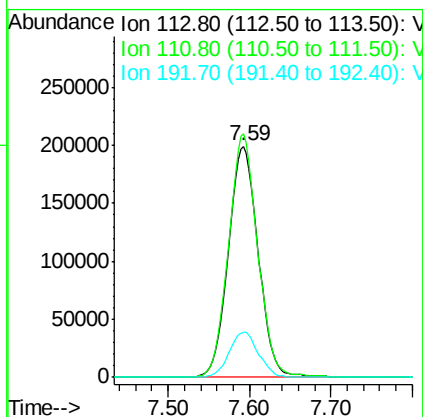
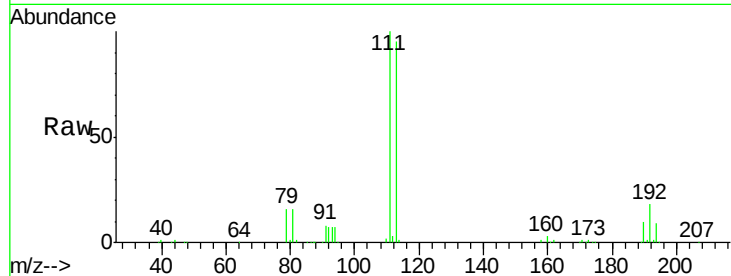




#35
 Dibromofluoromethane
 Concen: 47.950 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055508.D
 Acq: 9 May 2019 19:49

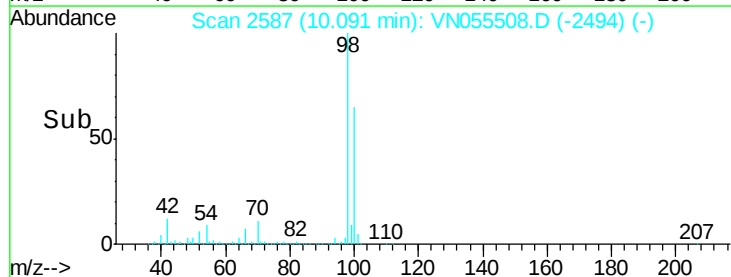
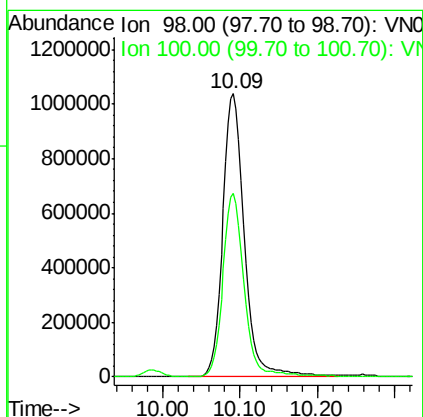
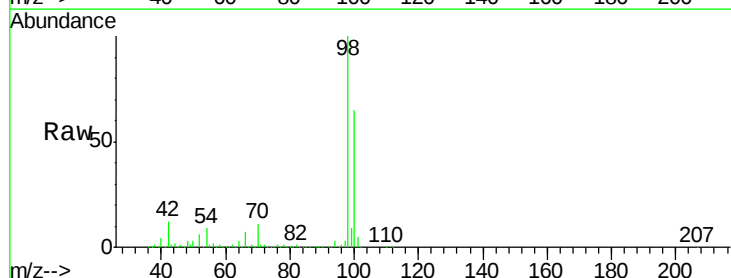
Instrument :
 MSVOA_N
 ClientSampled :
 OWS-3

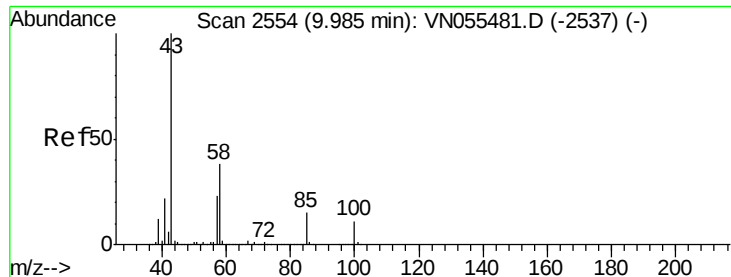
Tot Ion:113 Resp: 510191
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 19.2 15.6 23.4



#50
 Toluene-d8
 Concen: 48.699 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055508.D
 Acq: 9 May 2019 19:49

Tgt Ion: 98 Resp: 2019219
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 20.673 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055508.D

Acq: 9 May 2019 19:49

Instrument :

MSVOA_N

ClientSampleId :

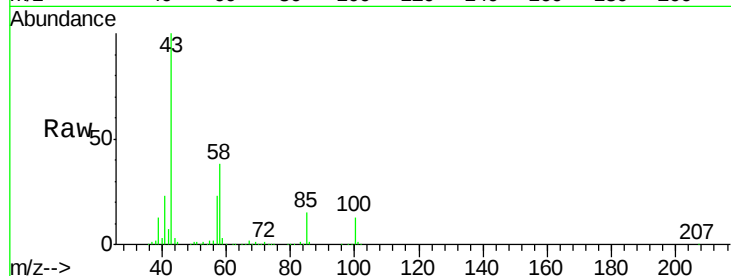
OVS-3

Tot Ion: 43 Resp: 366149

Ion Ratio Lower Upper

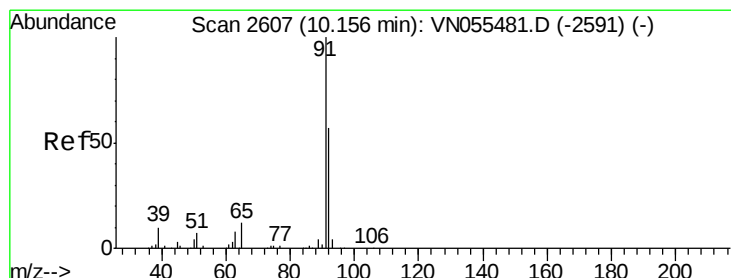
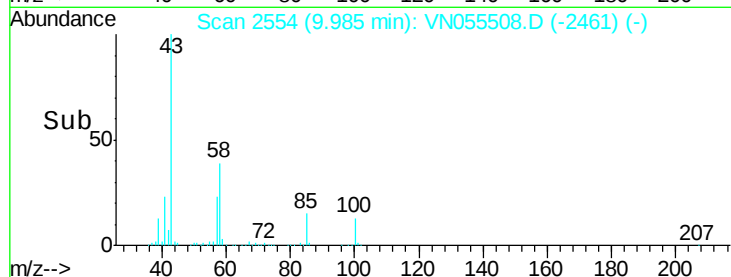
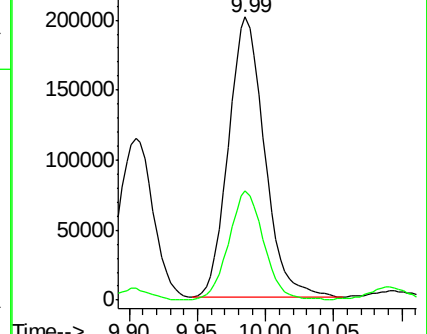
43 100

58 37.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 97.940 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055508.D

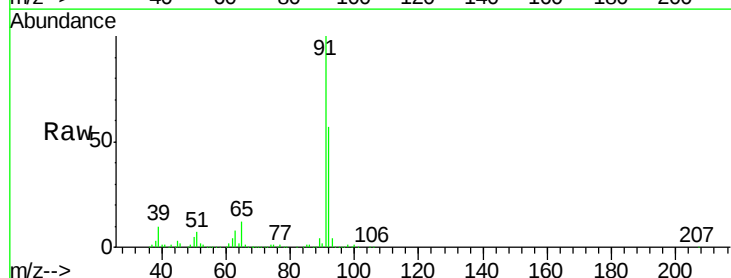
Acq: 9 May 2019 19:49

Tgt Ion: 92 Resp: 2823815

Ion Ratio Lower Upper

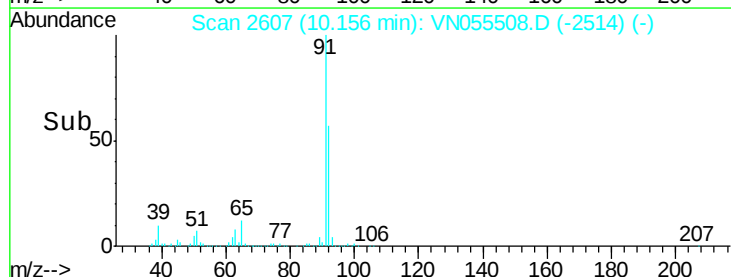
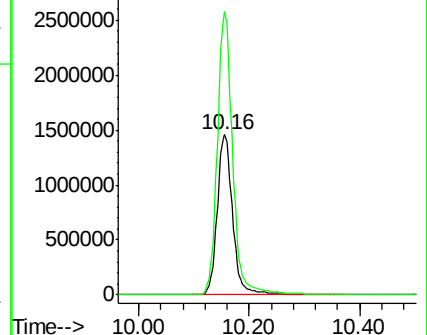
92 100

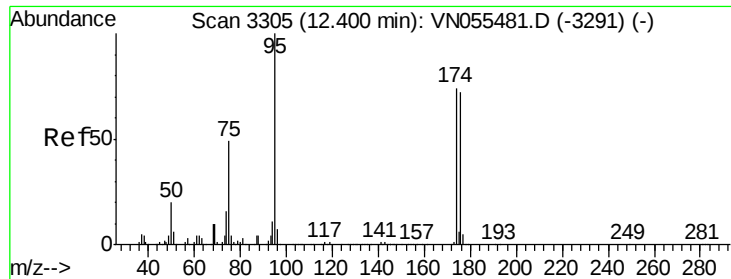
91 176.5 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.285 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055508.D

Acq: 9 May 2019 19:49

Instrument :

MSVOA_N

ClientSampled :

OVS-3

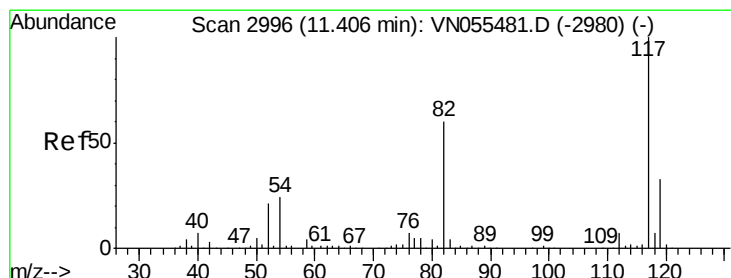
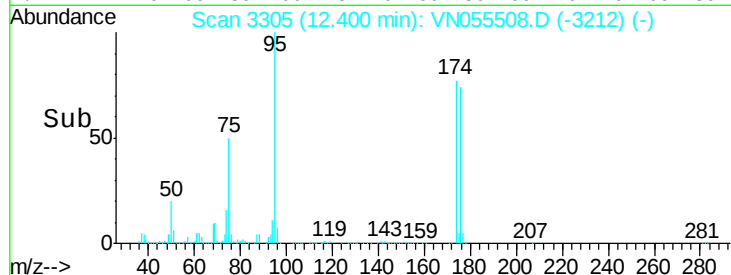
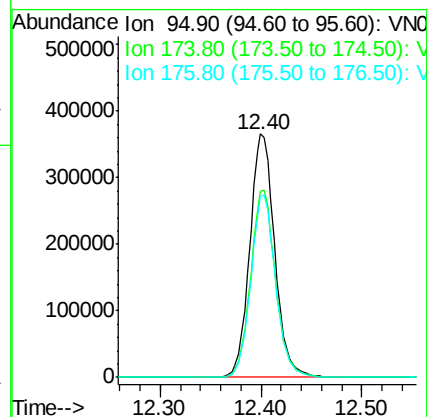
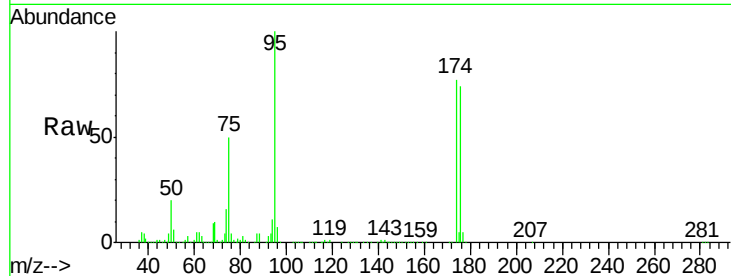
Tot Ion: 95 Resp: 619141

Ion Ratio Lower Upper

95 100

174 77.2 0.0 152.2

176 74.4 0.0 147.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055508.D

Acq: 9 May 2019 19:49

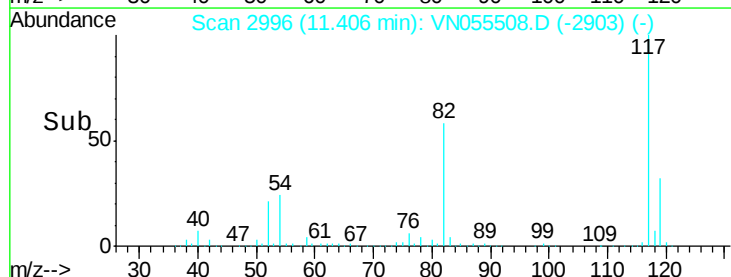
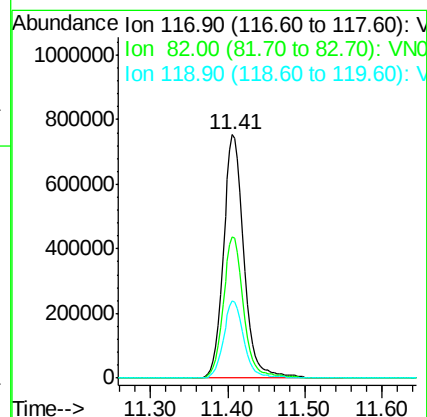
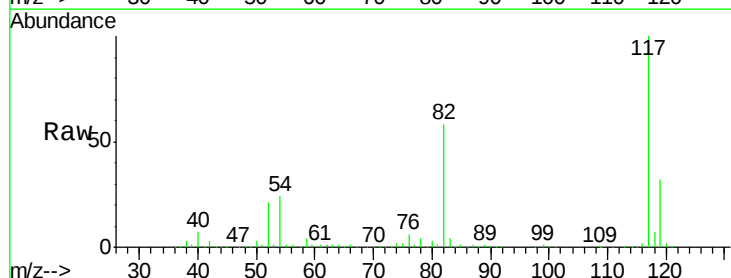
Tgt Ion: 117 Resp: 1397535

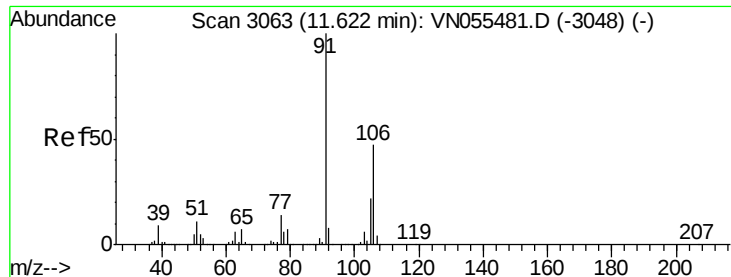
Ion Ratio Lower Upper

117 100

82 58.2 48.0 72.0

119 31.6 26.0 39.0

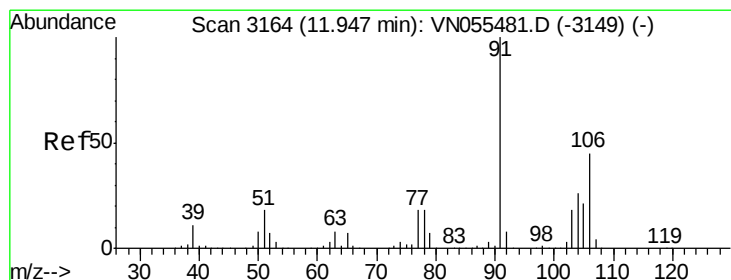
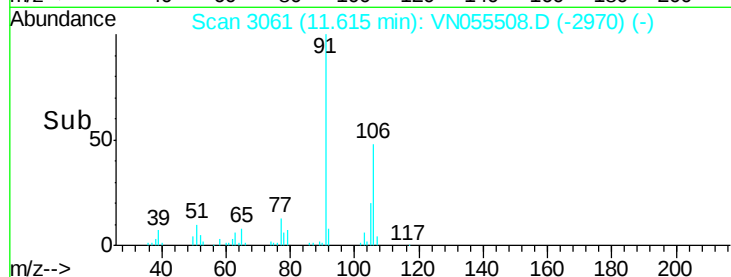
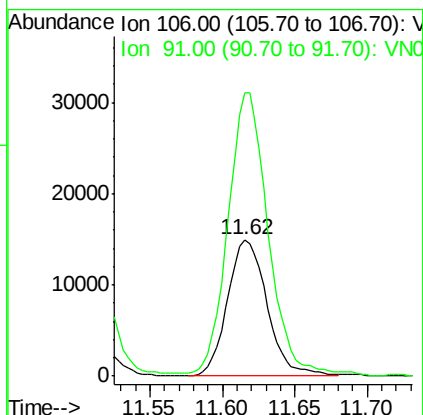
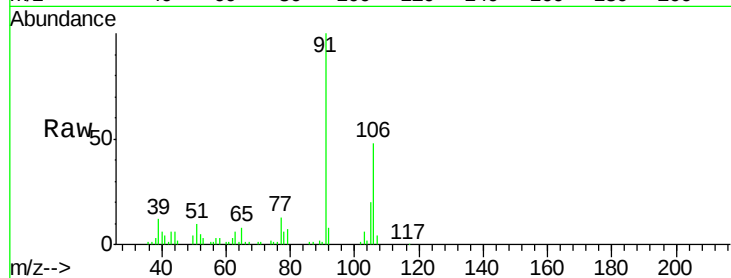




#68
m/p-Xylenes
Concen: 1.463 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN055508.D
Acq: 9 May 2019 19:49

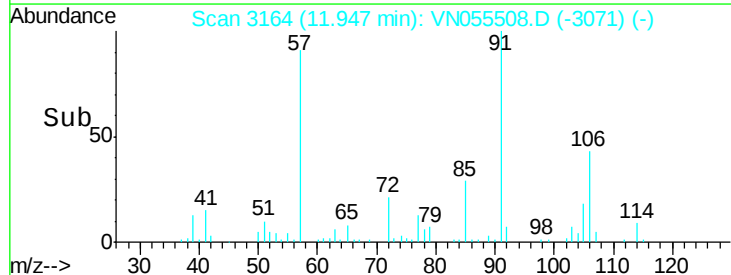
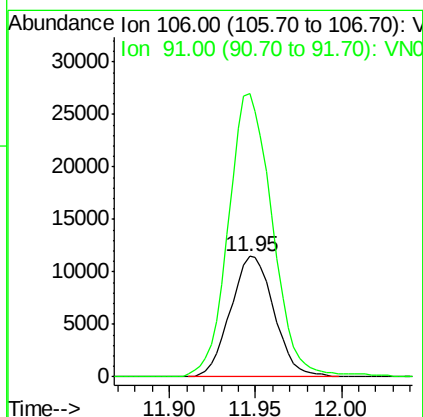
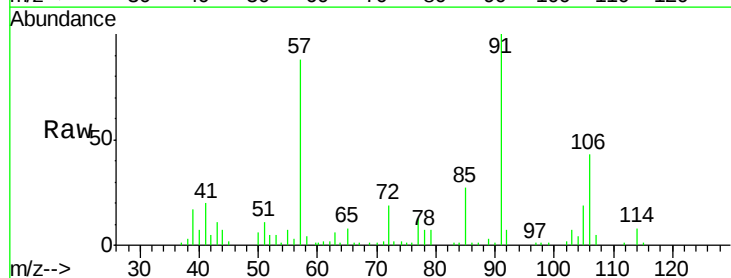
Instrument :
MSVOA_N
ClientSampled :
OWS-3

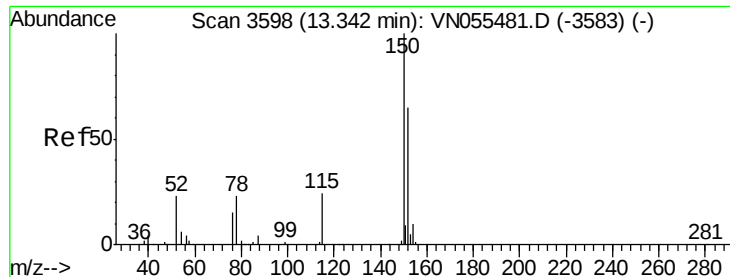
Tot Ion:106 Resp: 28361
Ion Ratio Lower Upper
106 100
91 212.2 169.2 253.8



#69
o-Xylene
Concen: 1.058 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055508.D
Acq: 9 May 2019 19:49

Tgt Ion:106 Resp: 20144
Ion Ratio Lower Upper
106 100
91 238.5 111.3 333.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055508.D

Acq: 9 May 2019 19:49

Instrument :

MSVOA_N

ClientSampleId :

OVS-3

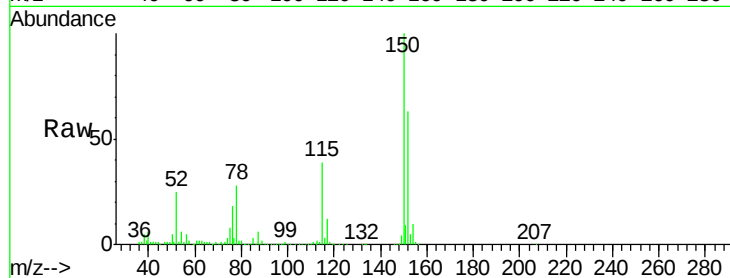
Tot Ion:152 Resp: 489391

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.5

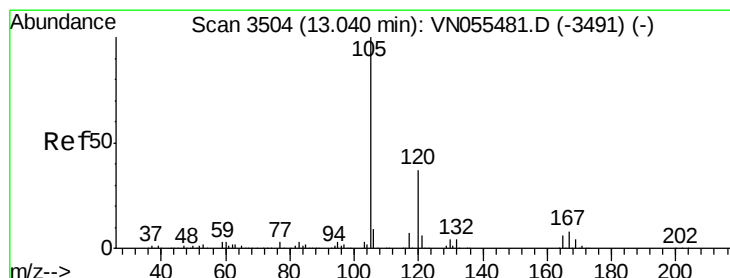
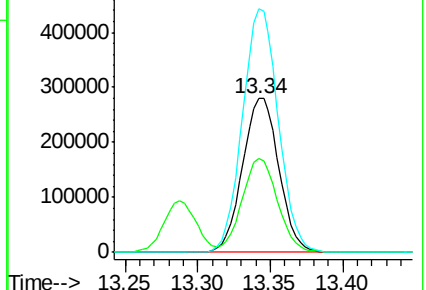
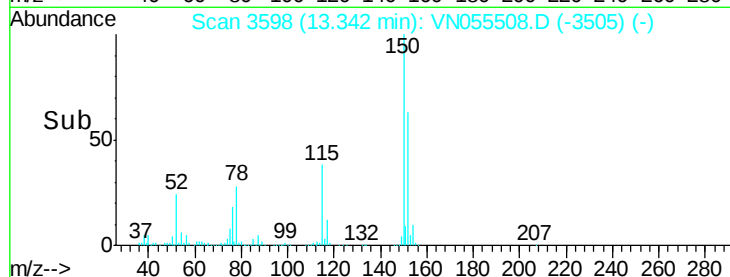
150 155.8 0.0 355.0



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



#84

1,2,4-Trimethylbenzene

Concen: 2.174 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN055508.D

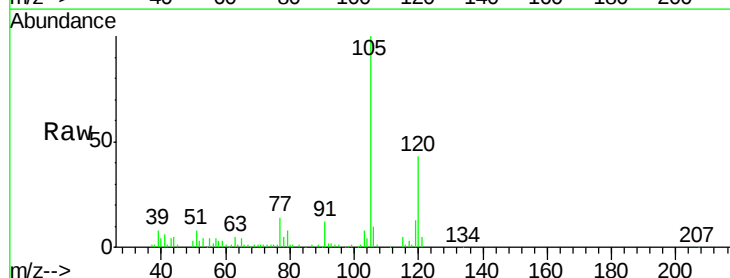
Acq: 9 May 2019 19:49

Tgt Ion:105 Resp: 78045

Ion Ratio Lower Upper

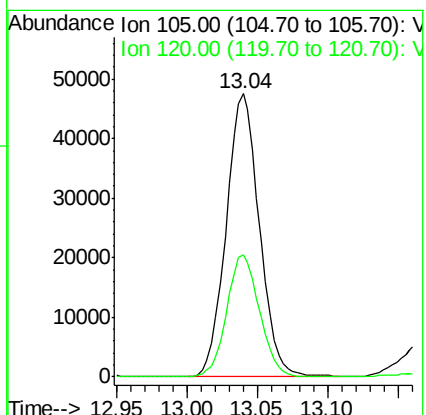
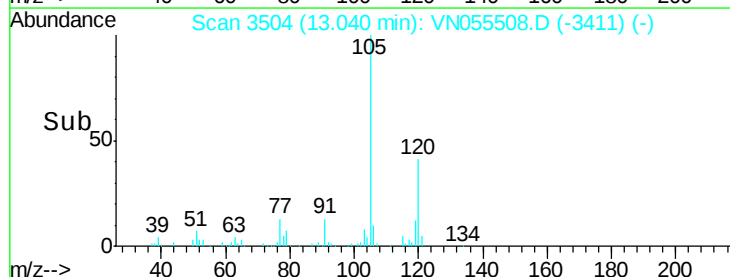
105 100

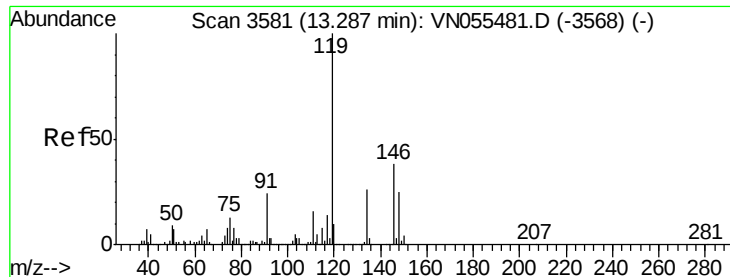
120 42.5 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

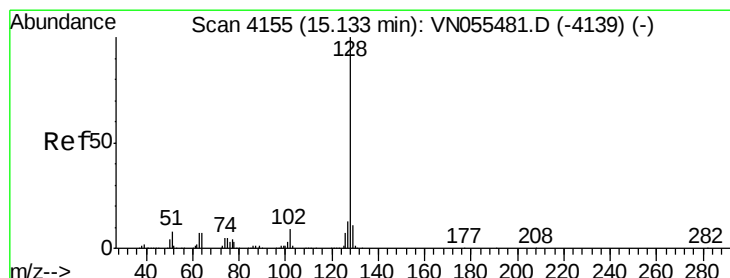
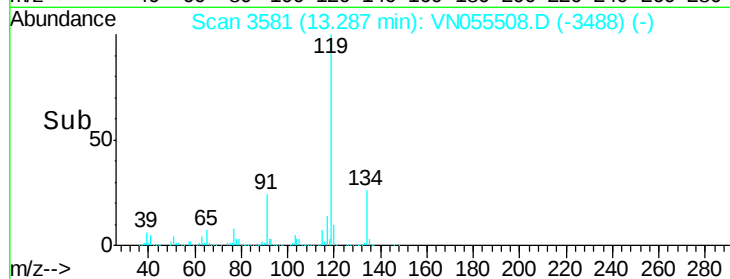
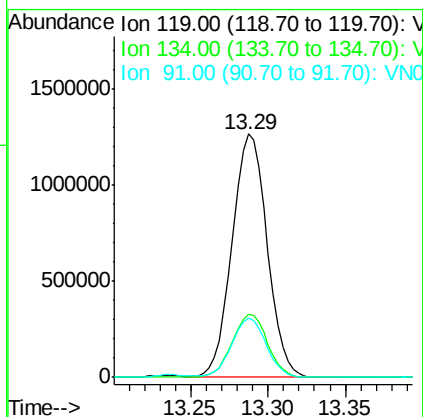
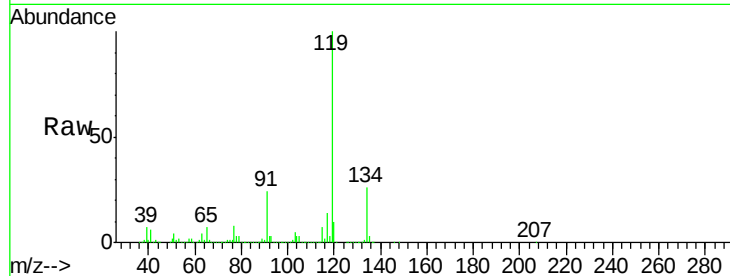




#86
 p-Isopropyltoluene
 Concen: 54.669 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN055508.D
 Acq: 9 May 2019 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 OWS-3

Tot Ion:119 Resp: 1983734
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.4
 91 24.0 12.0 36.0



#95
 Naphthalene
 Concen: 3.605 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN055508.D
 Acq: 9 May 2019 19:49

Tgt Ion:128 Resp: 14483
 Ion Ratio Lower Upper
 128 100
 127 14.5 10.0 15.0
 129 12.9 8.8 13.2

