

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059215.D
 Acq On : 13 Nov 2019 17:27
 Operator : JC/SP
 Sample : K5814-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30662

Quant Time: Nov 14 08:14:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	393286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	607017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	531075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	204344	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	254959	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
35) Dibromofluoromethane	7.57	113	194668	53.71	ug/l	0.00
Spiked Amount			Recovery	=	107.42%	
50) Toluene-d8	10.08	98	746563	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.40	95	241305	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	

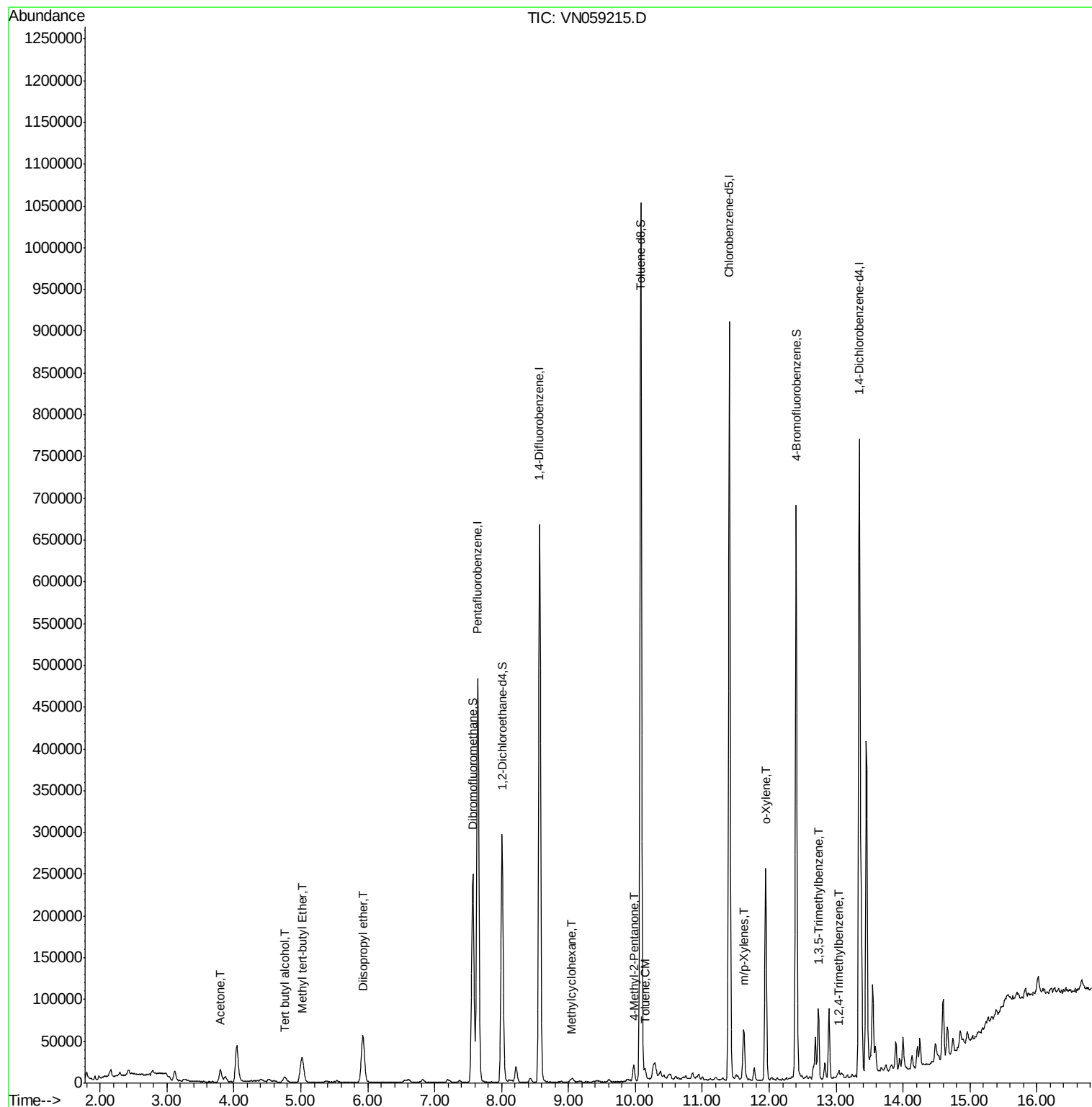
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	12660	13.741	ug/l #	79
16) Acetone	3.80	43	26127	10.392	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	51033	4.040	ug/l	94
22) Diisopropyl ether	5.93	45	76918	5.404	ug/l	92
39) Methylcyclohexane	9.06	83	1796	0.273	ug/l #	88
51) 4-Methyl-2-Pentanone	9.98	43	13517	2.374	ug/l	98
52) Toluene	10.15	92	5394	0.527	ug/l	86
68) m/p-Xylenes	11.62	106	19374	2.816	ug/l	99
69) o-Xylene	11.95	106	67405	10.137	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	43891	3.485	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	4192	0.344	ug/l	91

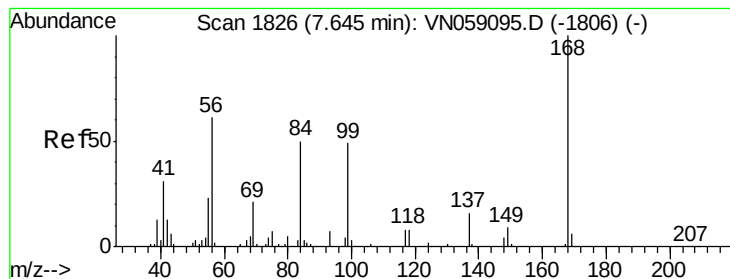
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111319\
Data File : VN059215.D
Acq On : 13 Nov 2019 17:27
Operator : JC/SP
Sample : K5814-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30662

Quant Time: Nov 14 08:14:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

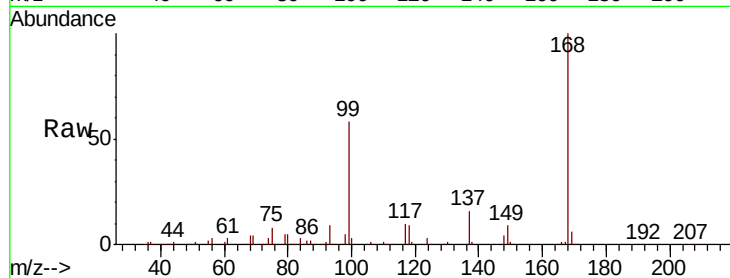
30662

Tot Ion:168 Resp: 393286

Ion Ratio Lower Upper

168 100

99 57.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059215.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059215.D (-1733) (-)

7.64

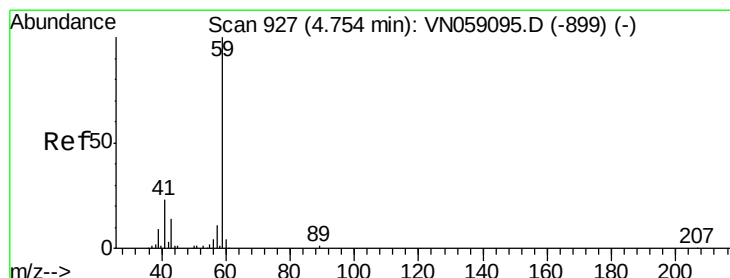
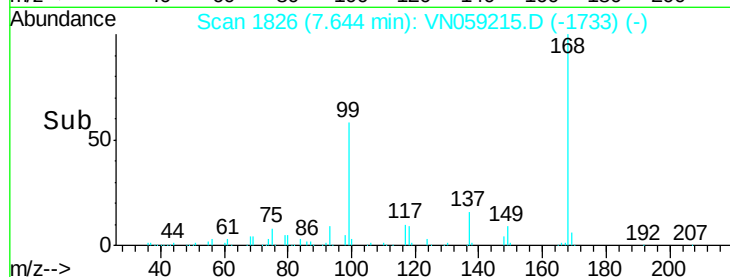
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 13.741 ug/l

RT: 4.77 min Scan# 931

Delta R.T. 0.01 min

Lab File: VN059215.D

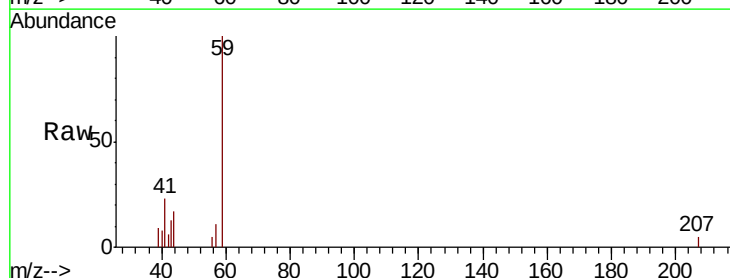
Acq: 13 Nov 2019 17:27

Tgt Ion: 59 Resp: 12660

Ion Ratio Lower Upper

59 100

57 2.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN059215.D (-834) (-)

Ion 57.00 (56.70 to 57.70): VN059215.D (-834) (-)

4.77

4000

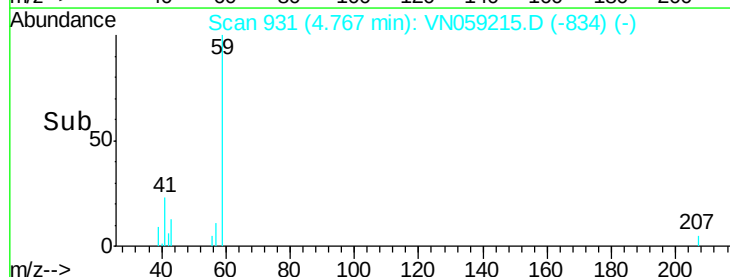
3000

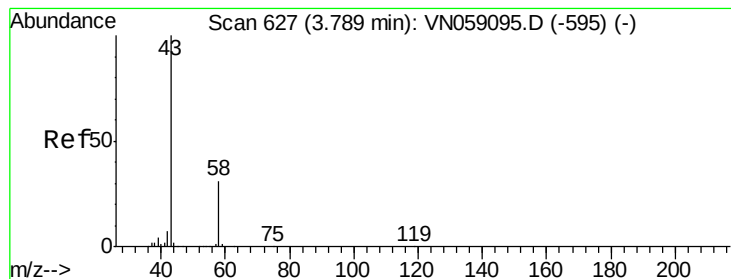
2000

1000

0

Time-->





#16

Acetone

Concen: 10.392 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

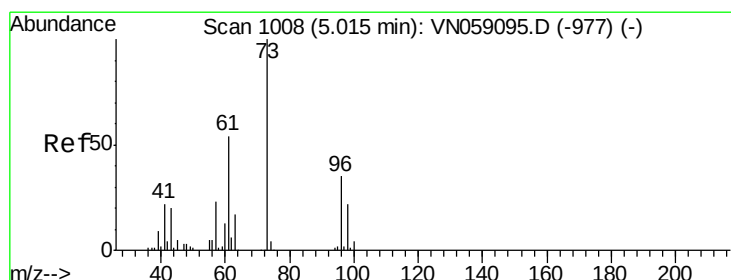
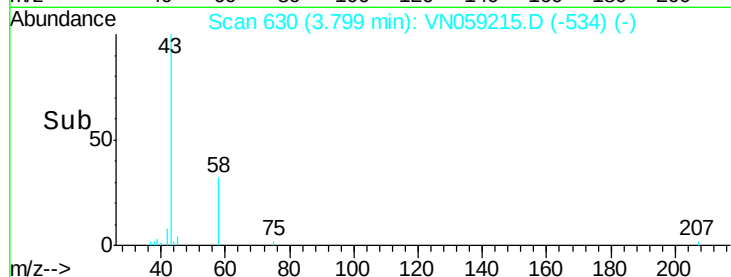
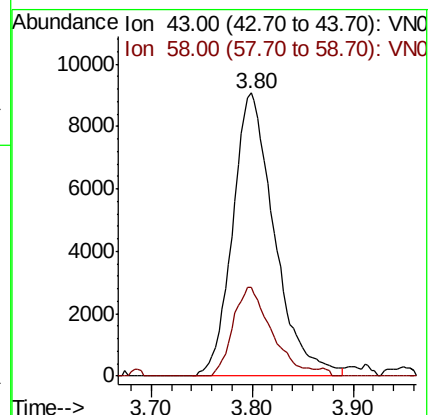
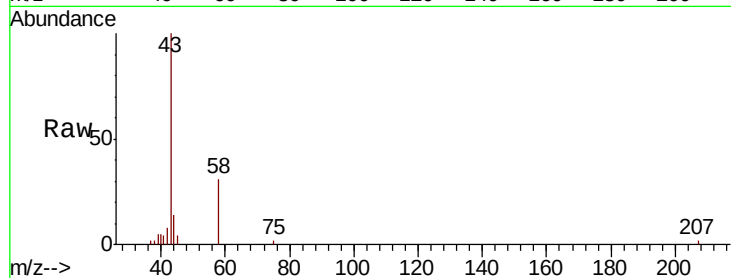
30662

Tot Ion: 43 Resp: 26127

Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3



#19

Methyl tert-butyl Ether

Concen: 4.040 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN059215.D

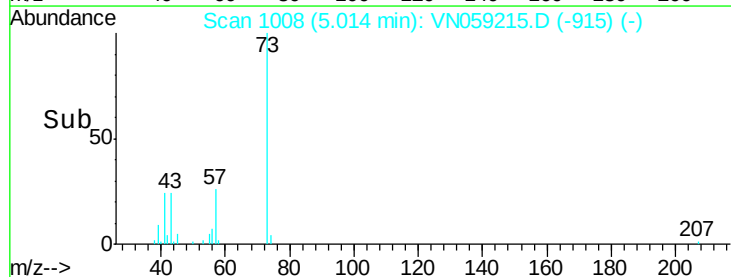
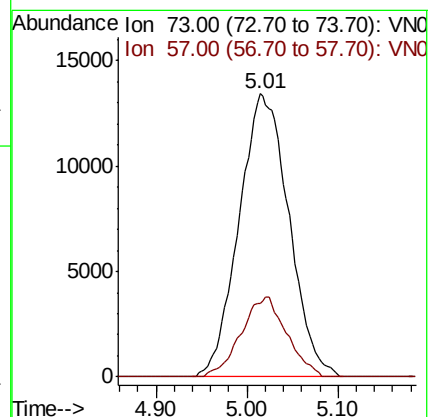
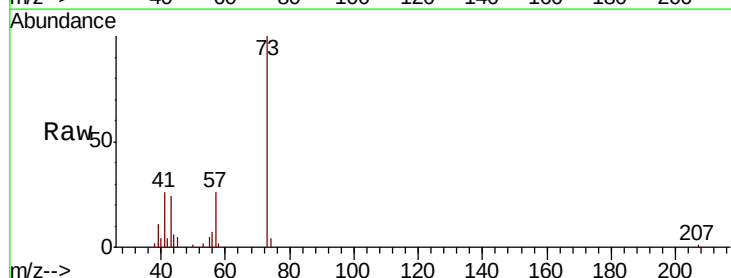
Acq: 13 Nov 2019 17:27

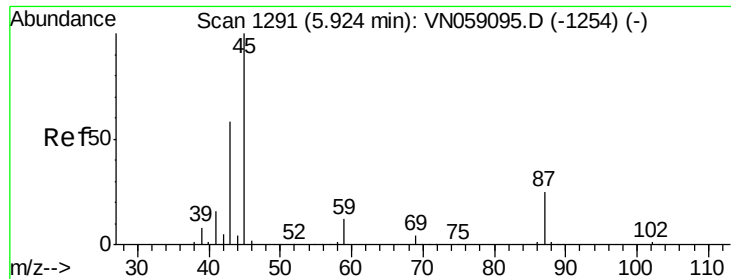
Tgt Ion: 73 Resp: 51033

Ion Ratio Lower Upper

73 100

57 25.8 18.4 27.6

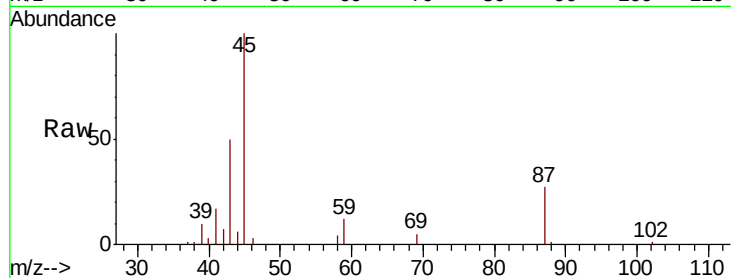




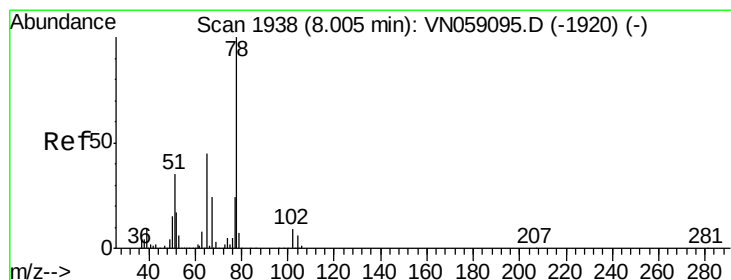
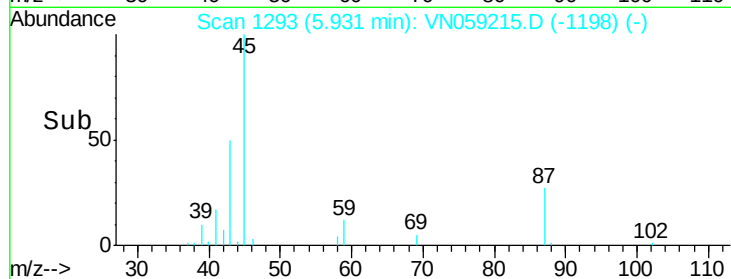
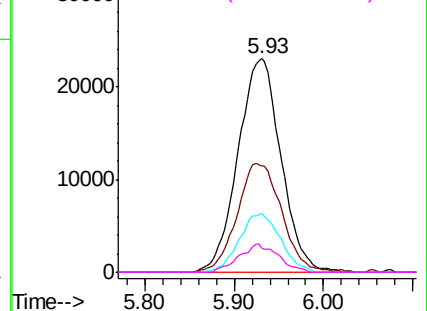
#22
Diisopropyl ether
Concen: 5.404 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. 0.01 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
30662

Tot Ion:	45	Resp:	76918
Ion	Ratio	Lower	Upper
45	100		
43	49.9	46.7	70.1
87	27.5	20.5	30.7
59	11.6	9.6	14.4

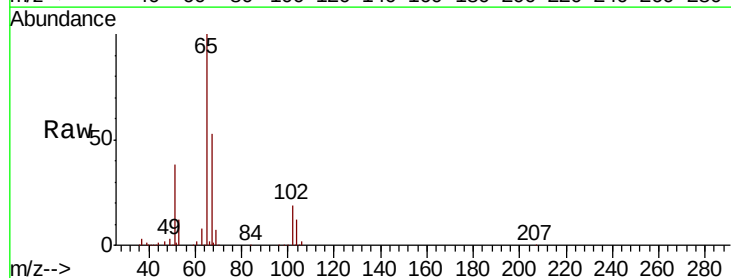


Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

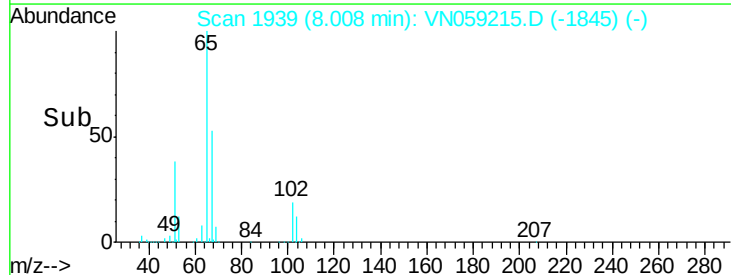
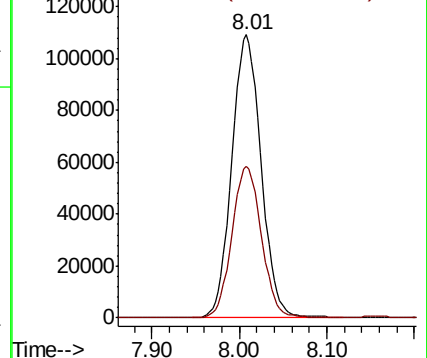


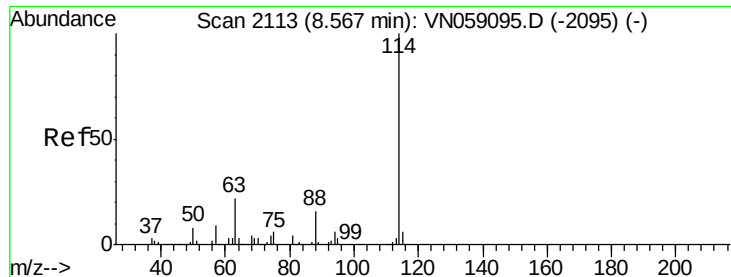
#33
1,2-Dichloroethane-d4
Concen: 52.737 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Tgt Ion:	65	Resp:	254959
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

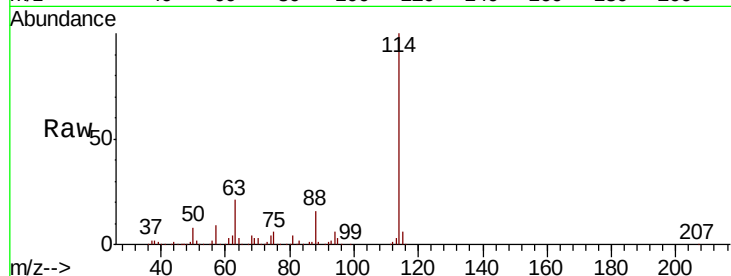




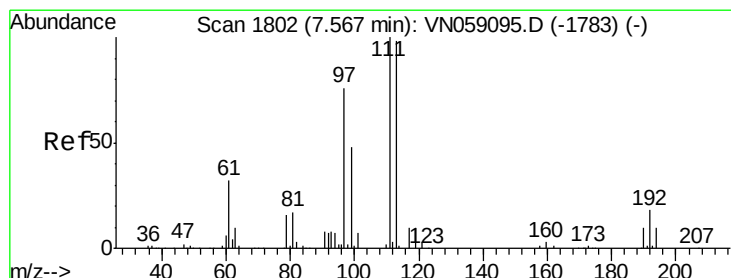
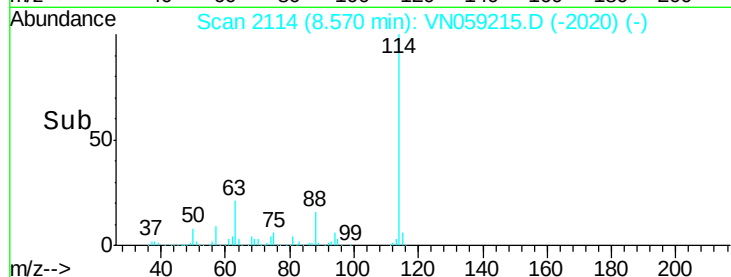
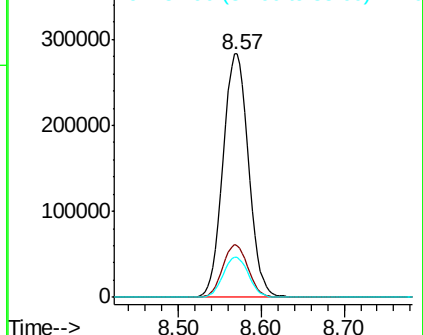
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059215.D
 Acq: 13 Nov 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 30662

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.4
88	16.3	0.0	32.2

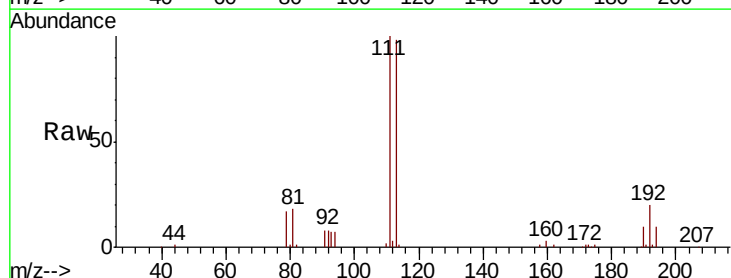


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

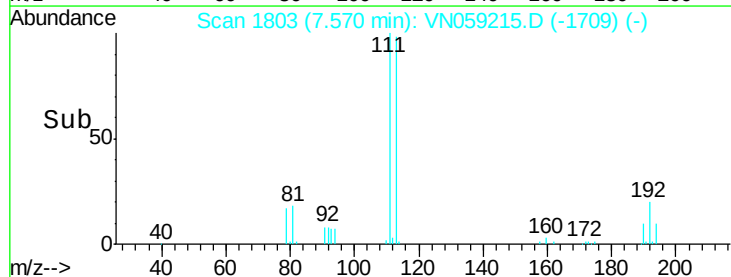
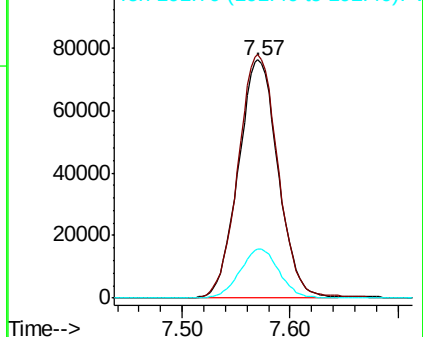


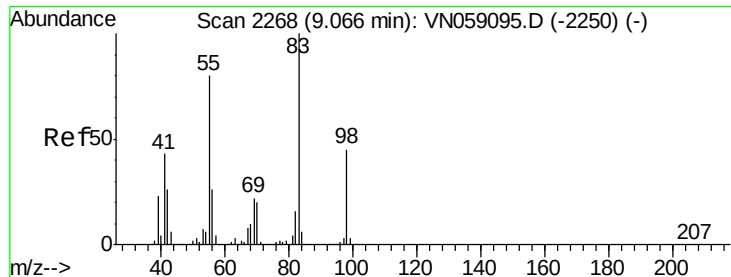
#35
 Dibromofluoromethane
 Concen: 53.709 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059215.D
 Acq: 13 Nov 2019 17:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	20.3	16.1	24.1



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

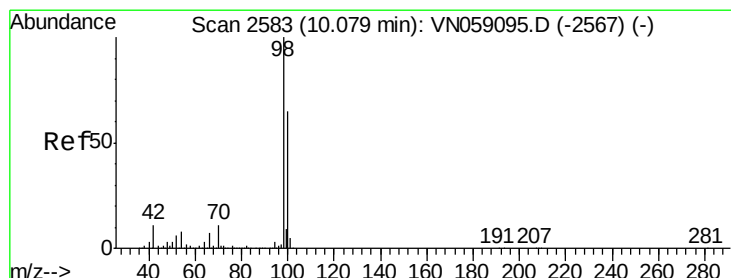
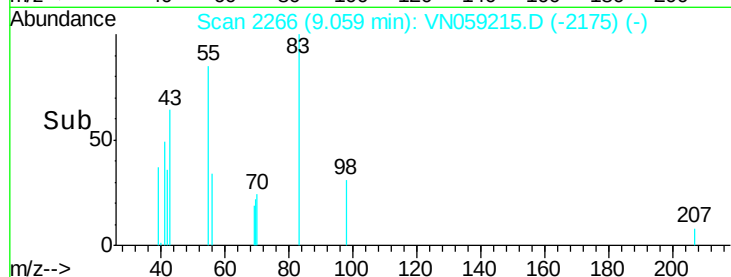
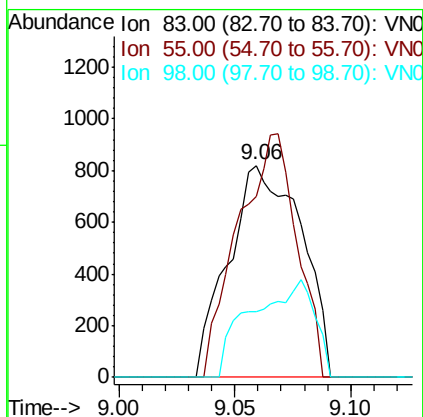
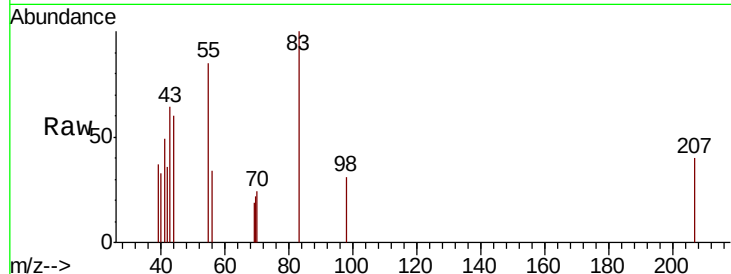




#39
Methylvlcyclohexane
Concen: 0.273 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

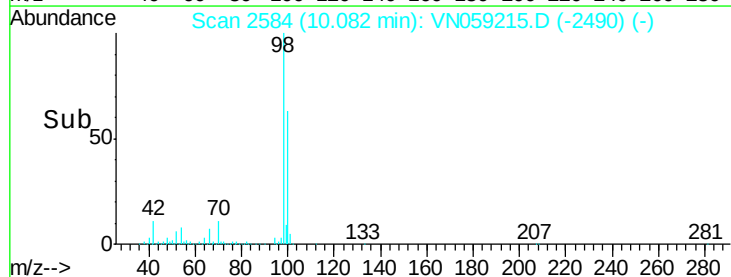
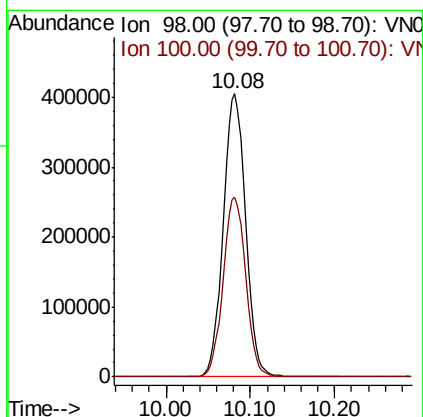
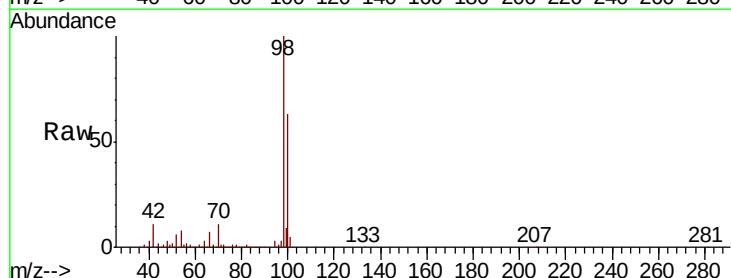
Instrument :
MSVOA_N
ClientSampleId :
30662

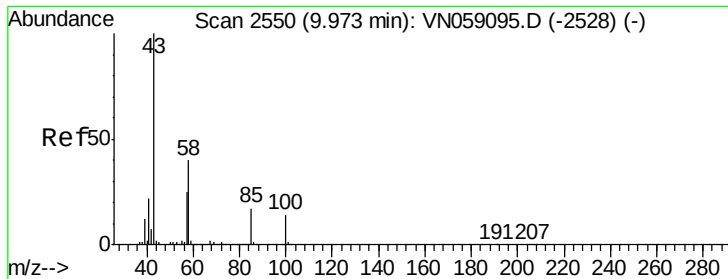
Tot Ion: 83 Resp: 1796
Ion Ratio Lower Upper
83 100
55 85.5 63.9 95.9
98 30.9 35.6 53.4#



#50
Toluene-d8
Concen: 52.293 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Tgt Ion: 98 Resp: 746563
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2

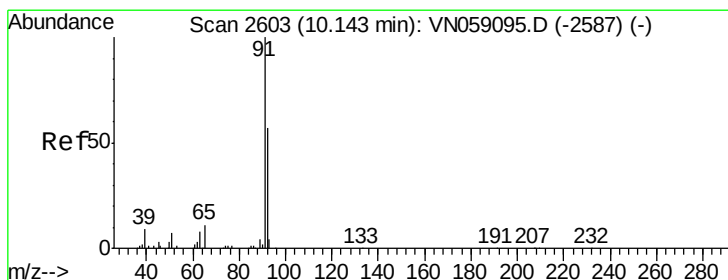
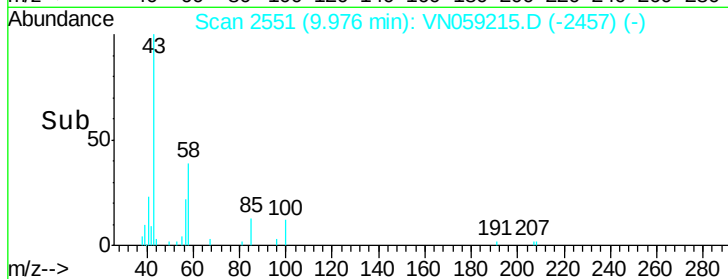
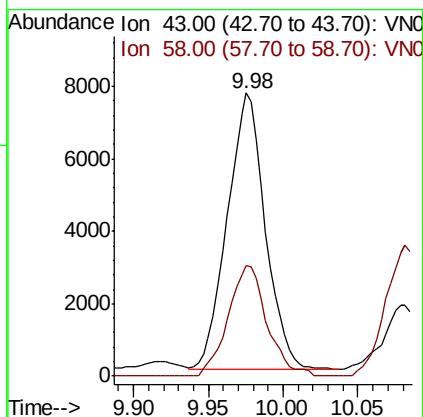
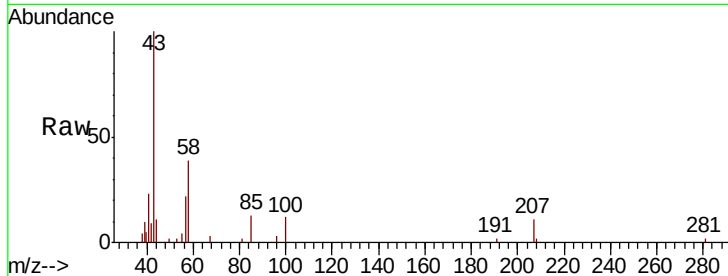




#51
4-Methyl-2-Pentanone
Concen: 2.374 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

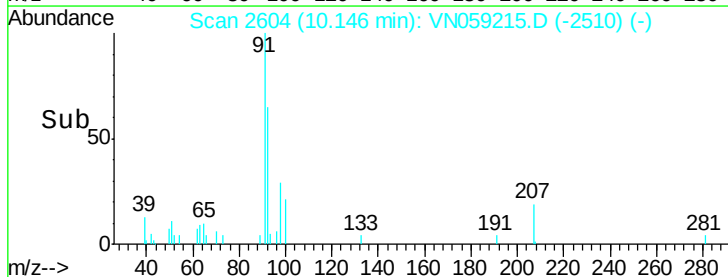
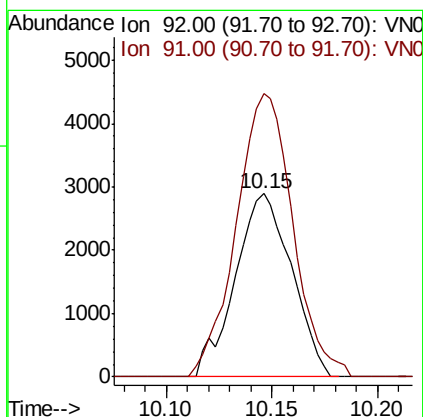
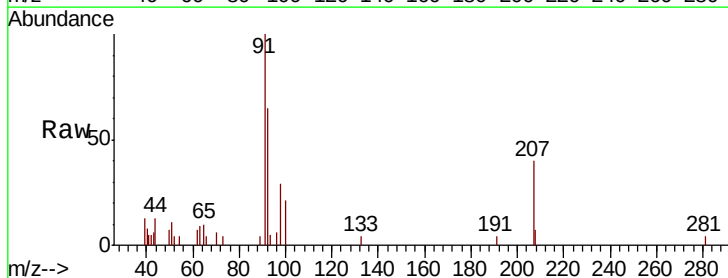
Instrument :
MSVOA_N
ClientSampled :
30662

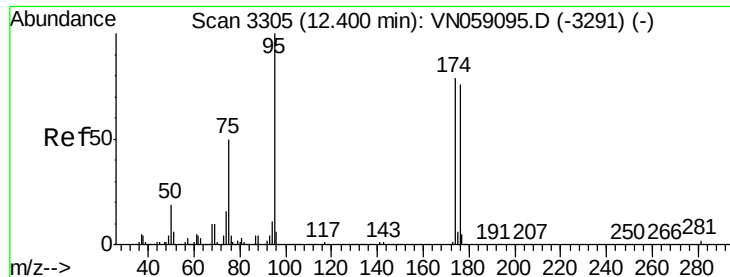
Tot Ion: 43 Resp: 13517
Ion Ratio Lower Upper
43 100
58 40.8 31.5 47.3



#52
Toluene
Concen: 0.527 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Tgt Ion: 92 Resp: 5394
Ion Ratio Lower Upper
92 100
91 154.7 139.5 209.3

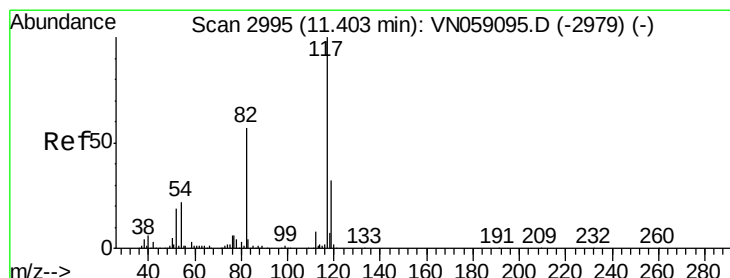
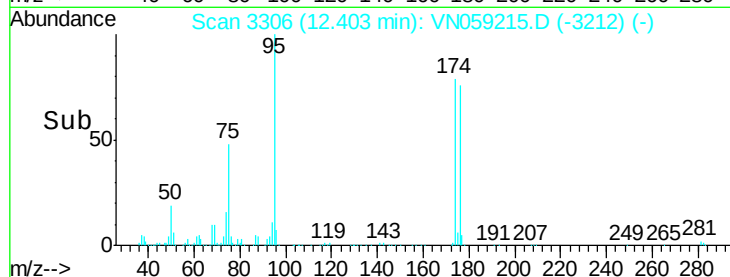
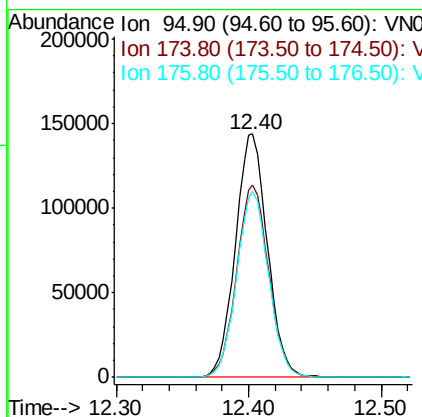
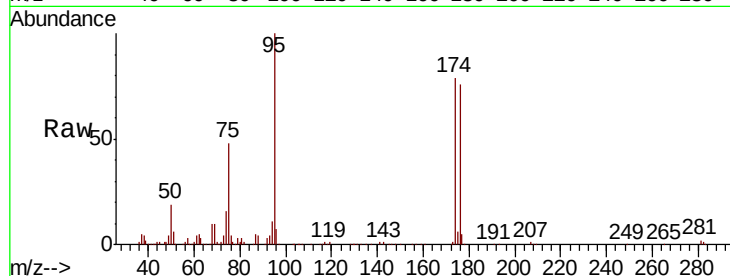




#62
4-Bromofluorobenzene
Concen: 46.877 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

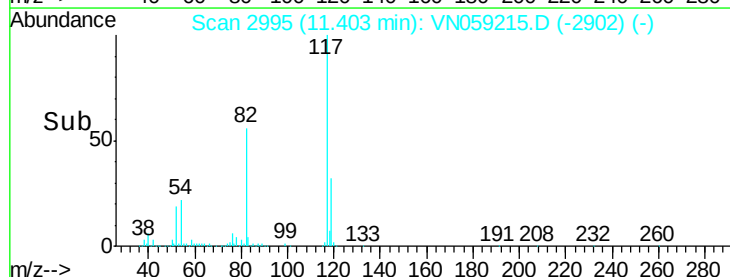
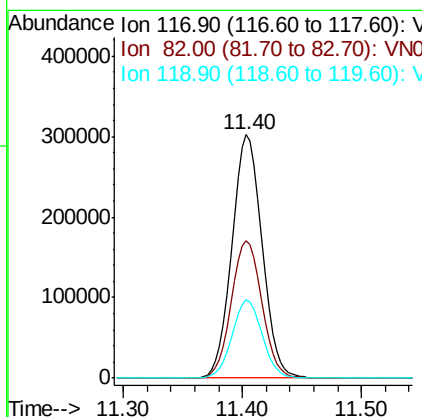
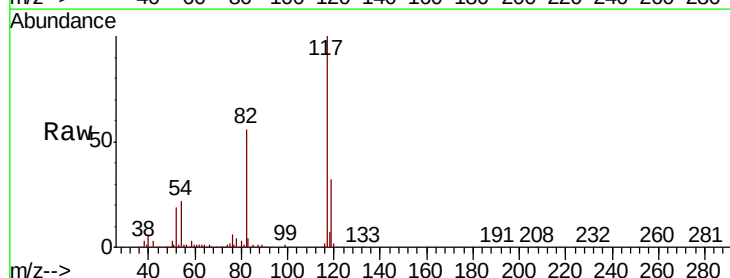
Instrument :
MSVOA_N
ClientSampled :
30662

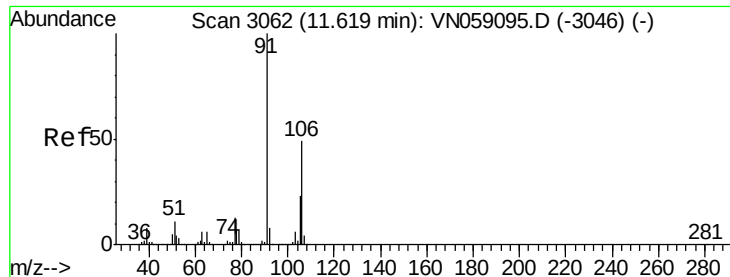
Tot Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	158.2
176	75.9	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.8	68.8
119	32.0	25.8	38.6

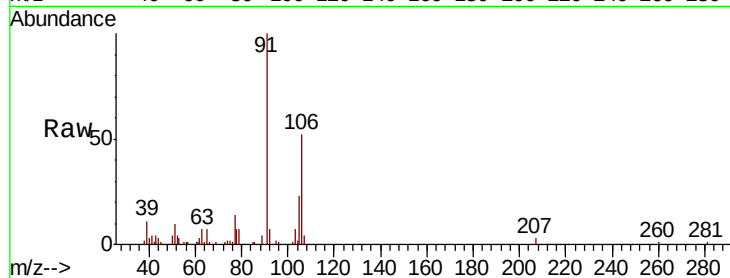




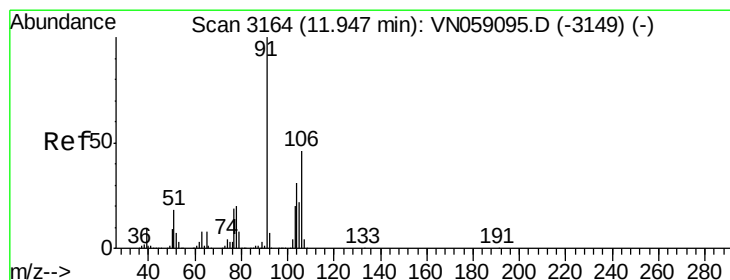
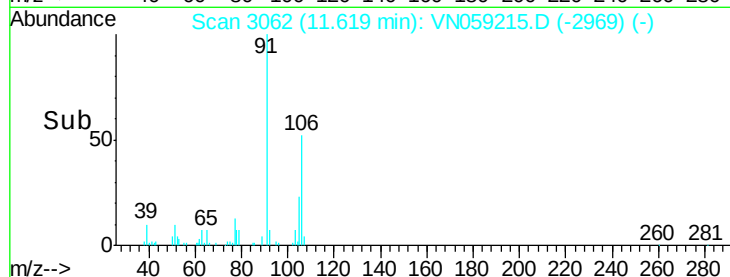
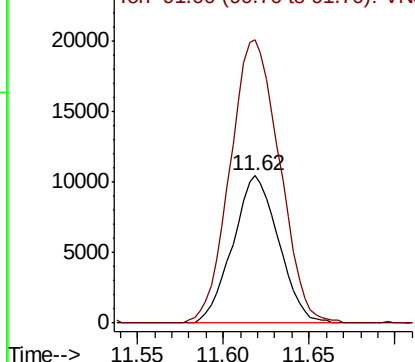
#68
m/p-Xylenes
Concen: 2.816 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Instrument :
MSVOA_N
ClientSampled :
30662

Tot Ion:106 Resp: 19374
Ion Ratio Lower Upper
106 100
91 206.8 164.7 247.1

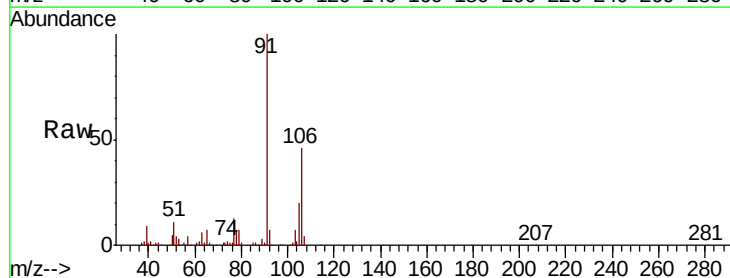


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

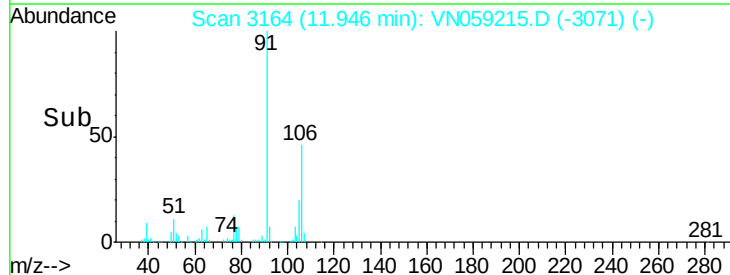
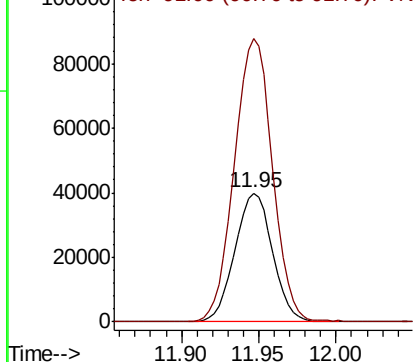


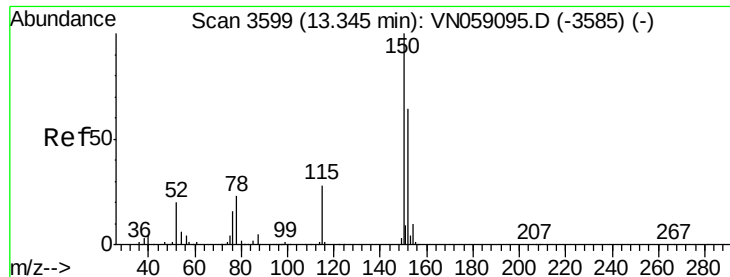
#69
o-Xylene
Concen: 10.137 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Tgt Ion:106 Resp: 67405
Ion Ratio Lower Upper
106 100
91 223.2 110.1 330.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN



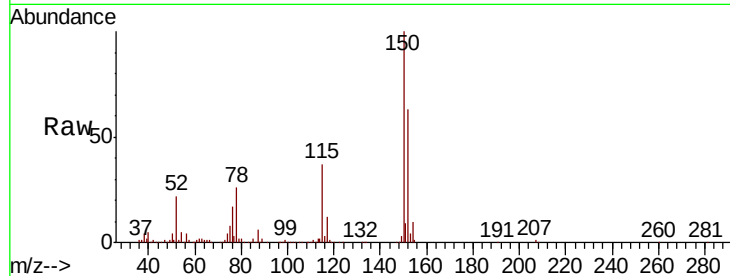


#72

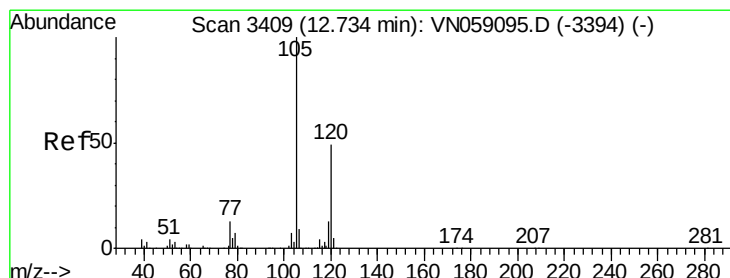
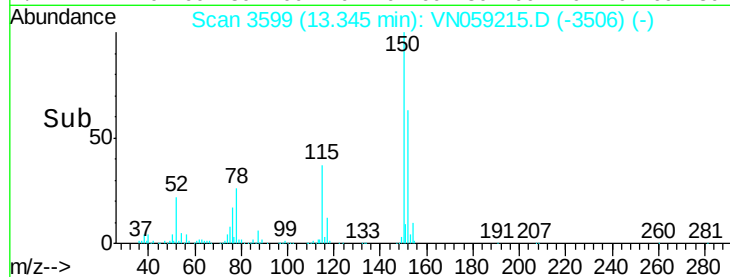
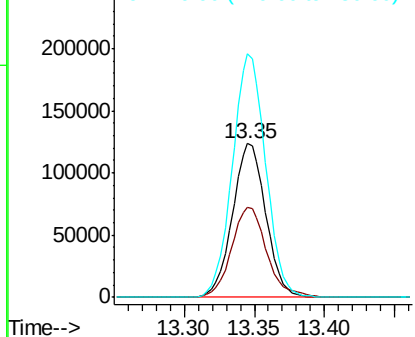
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Instrument :
MSVOA_N
ClientSampled :
30662

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.9	29.4	88.2
150	158.1	0.0	345.8



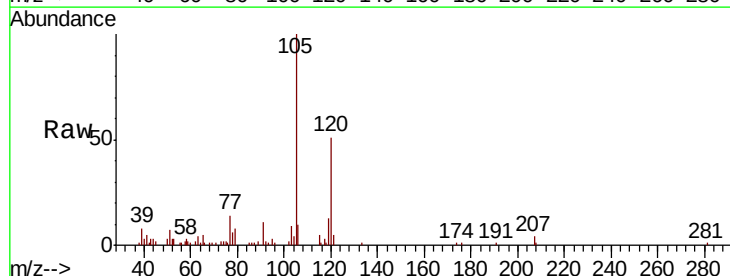
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



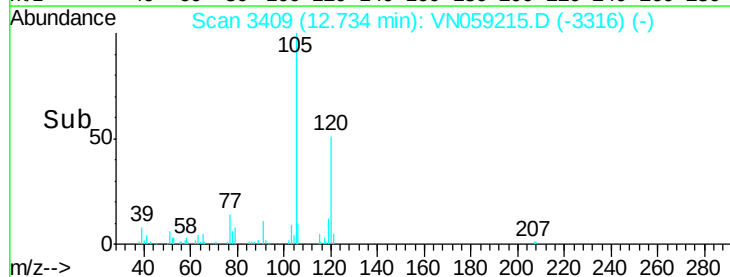
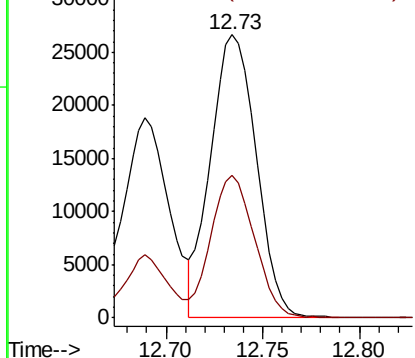
#80

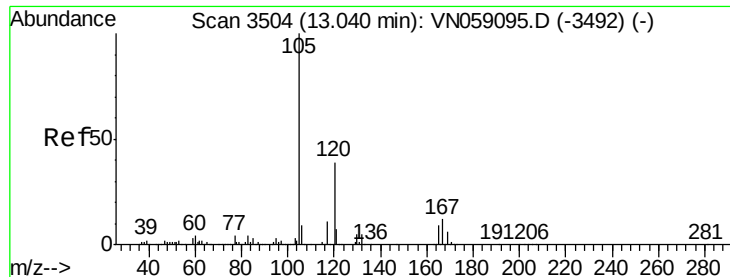
1,3,5-Trimethylbenzene
Concen: 3.485 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.0	72.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 0.344 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

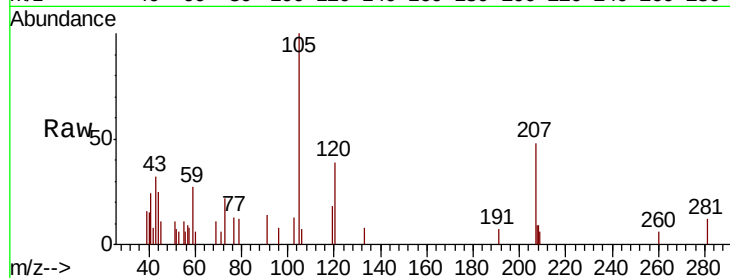
30662

Tot Ion:105 Resp: 4192

Ion Ratio Lower Upper

105 100

120 39.7 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

