

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062176.D
 Acq On : 27 Jun 2020 6:41
 Operator : JC/MD
 Sample : L3098-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31106-31128

Quant Time: Jun 27 07:24:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	200634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	390206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	374185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	146442	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.02%		
35) Dibromofluoromethane	7.55	113	121445	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.02%		
50) Toluene-d8	10.06	98	493955	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.72%		
62) 4-Bromofluorobenzene	12.38	95	168771	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.84%		

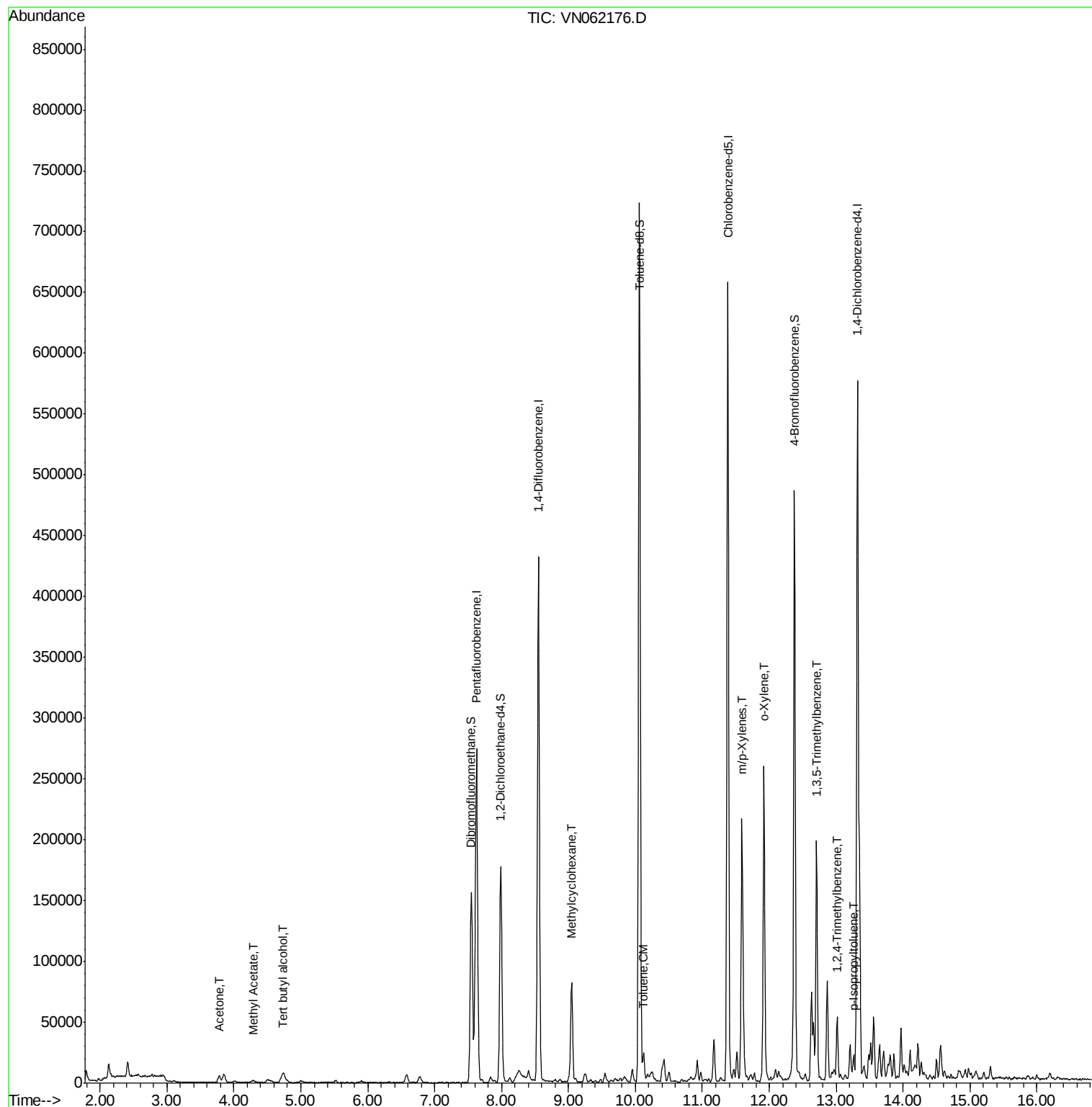
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	16552	40.945	ug/l	97
16) Acetone	3.78	43	10447	7.898	ug/l	92
18) Methyl Acetate	4.28	43	2907	1.299	ug/l #	60
39) Methylcyclohexane	9.05	83	34521	8.033	ug/l	97
52) Toluene	10.12	92	9727	1.334	ug/l	94
68) m/p-Xylenes	11.59	106	70959	13.220	ug/l	100
69) o-Xylene	11.92	106	72655	14.346	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	96300	10.016	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	28440	2.962	ug/l	96
86) p-Isopropyltoluene	13.26	119	10592	1.112	ug/l	98

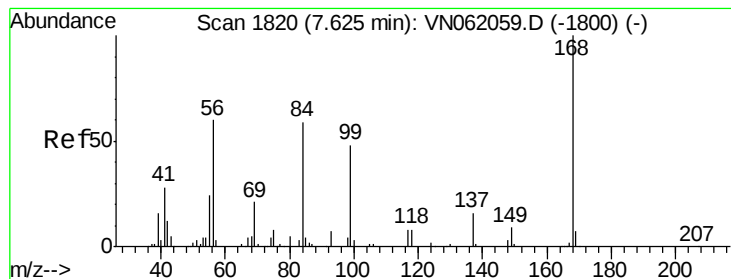
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
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Acq On : 27 Jun 2020 6:41
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31106-31128

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampleId :

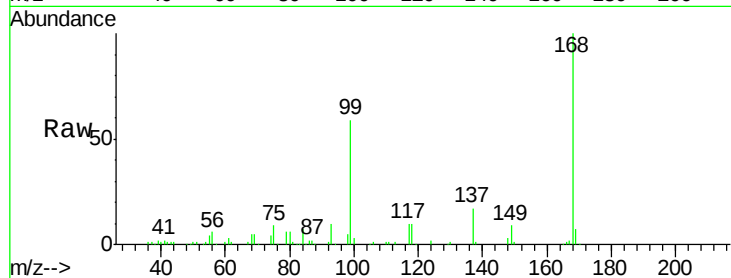
31106-31128

Tot Ion:168 Resp: 200634

Ion Ratio Lower Upper

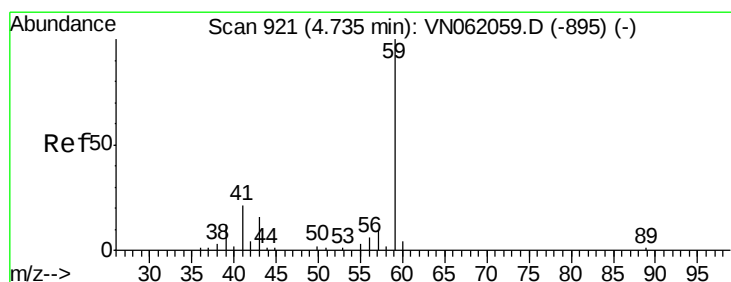
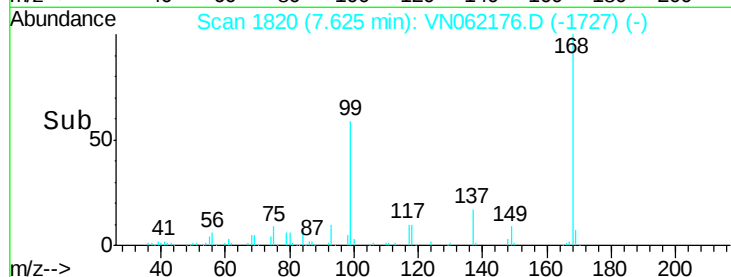
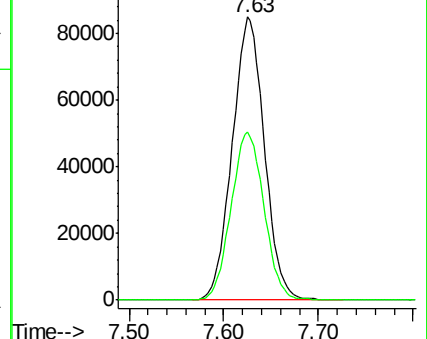
168 100

99 59.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 40.945 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062176.D

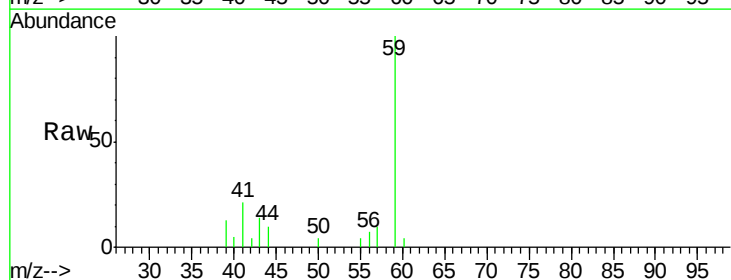
Acq: 27 Jun 2020 6:41

Tgt Ion: 59 Resp: 16552

Ion Ratio Lower Upper

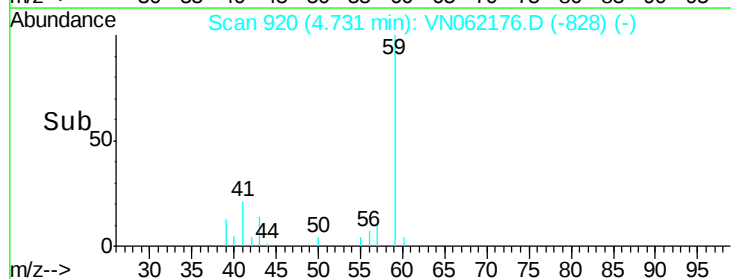
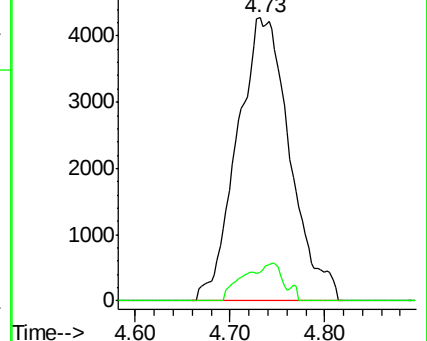
59 100

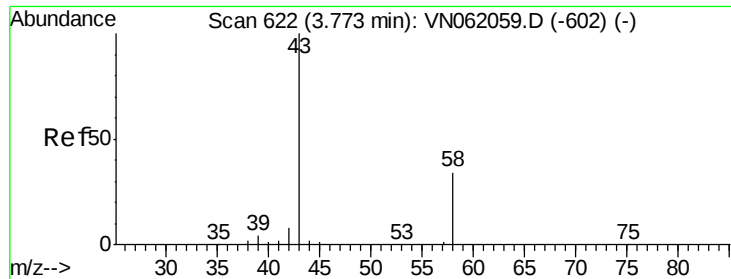
57 9.5 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

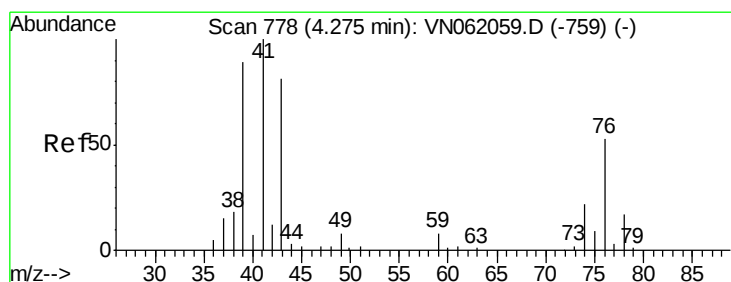
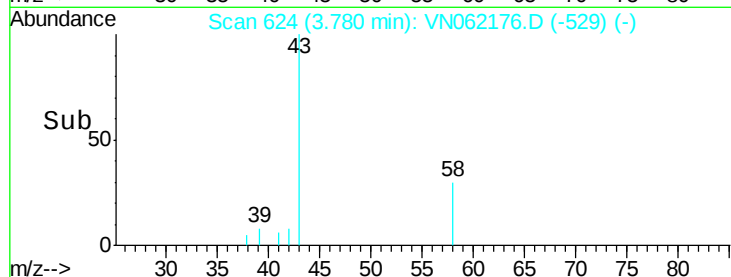
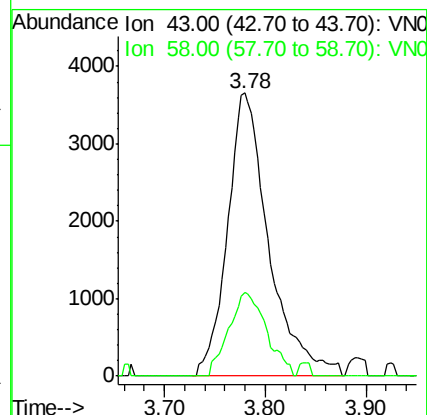
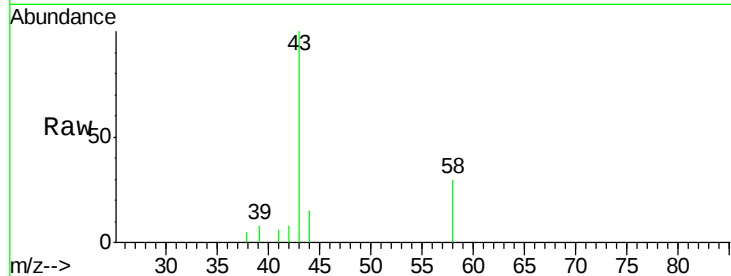




#16
Acetone
Concen: 7.898 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.01 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

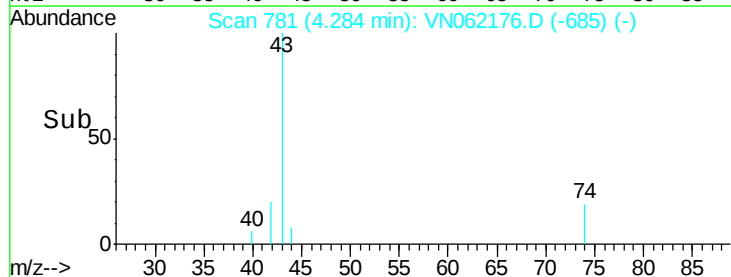
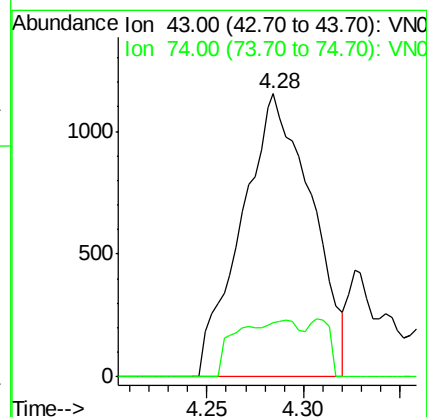
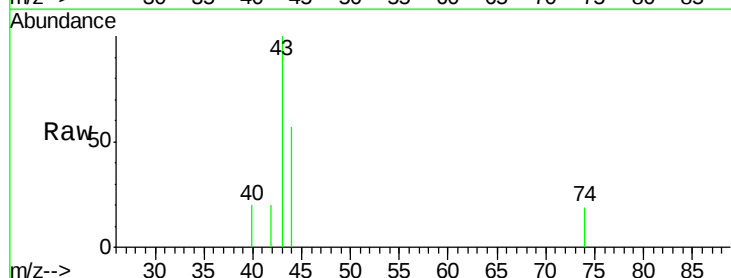
Instrument :
MSVOA_N
ClientSampled :
31106-31128

Tot Ion: 43 Resp: 10447
Ion Ratio Lower Upper
43 100
58 29.8 27.5 41.3



#18
Methyl Acetate
Concen: 1.299 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Tgt Ion: 43 Resp: 2907
Ion Ratio Lower Upper
43 100
74 7.4 22.9 34.3#

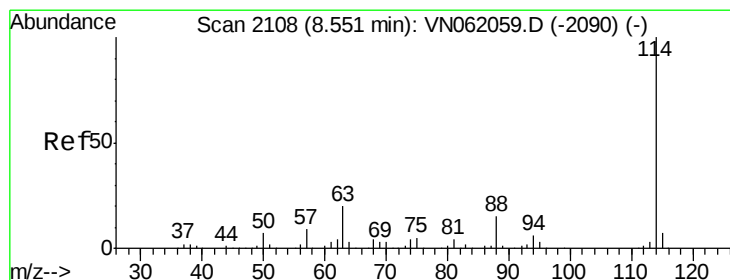
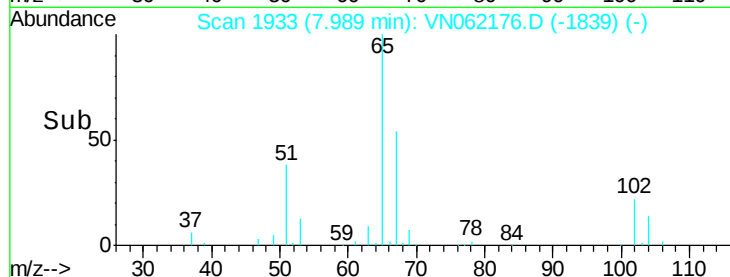
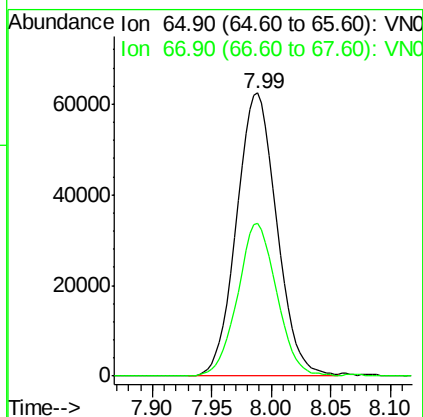
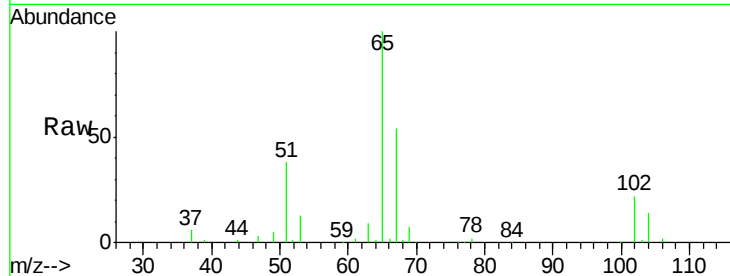




#33
 1,2-Dichloroethane-d4
 Concen: 52.012 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

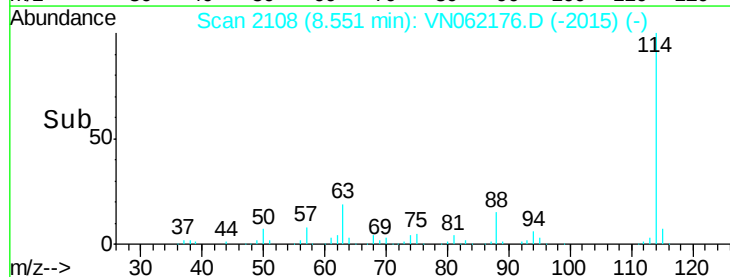
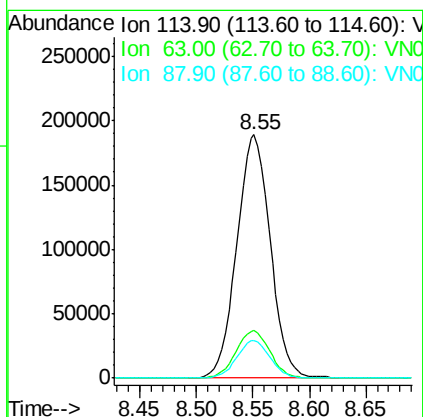
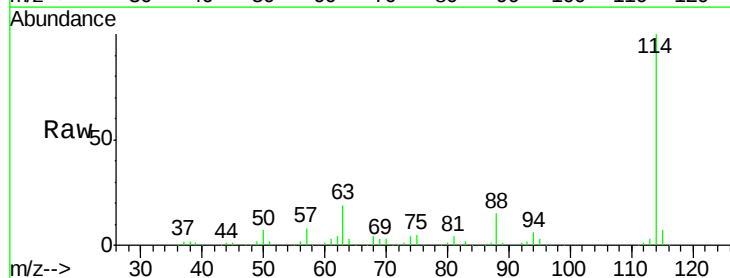
Instrument :
 MSVOA_N
 ClientSampleId :
 31106-31128

Tot Ion: 65 Resp: 146442
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

Tgt Ion: 114 Resp: 390206
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.4 0.0 30.8

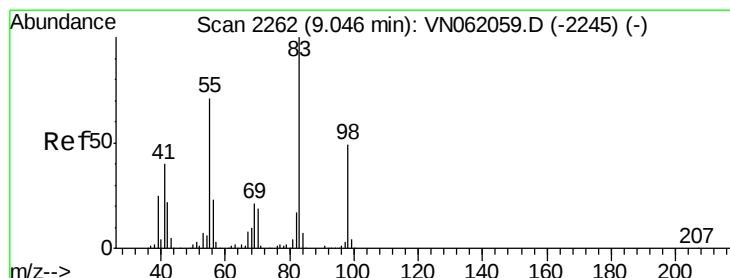
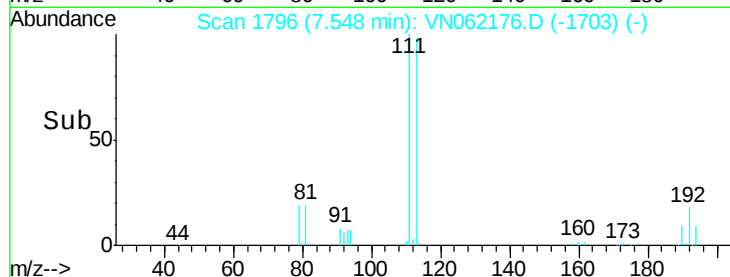
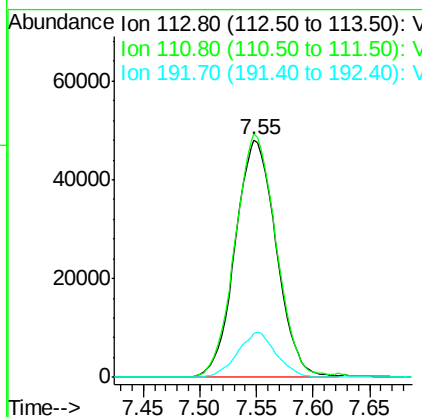
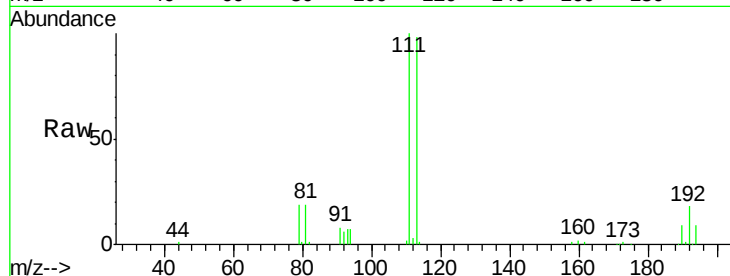




#35
Dibromofluoromethane
Concen: 48.513 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

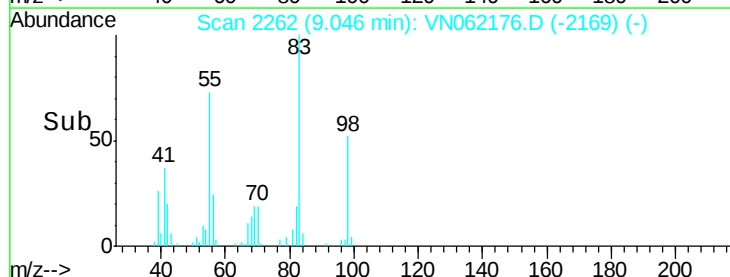
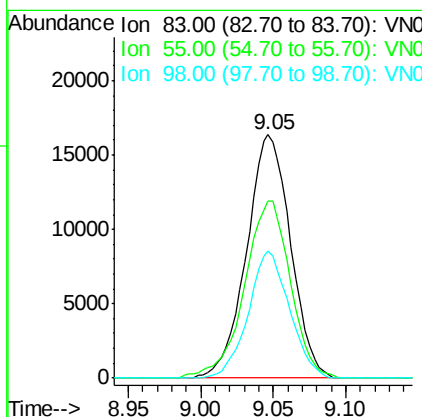
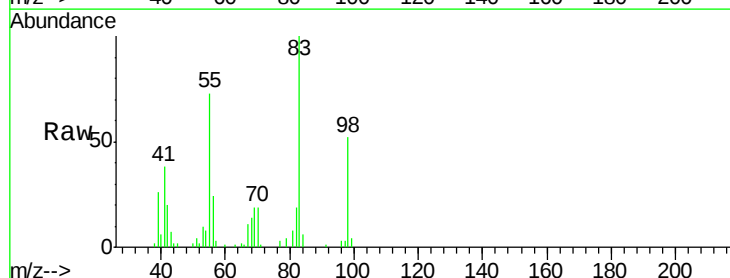
Instrument :
MSVOA_N
ClientSampleId :
31106-31128

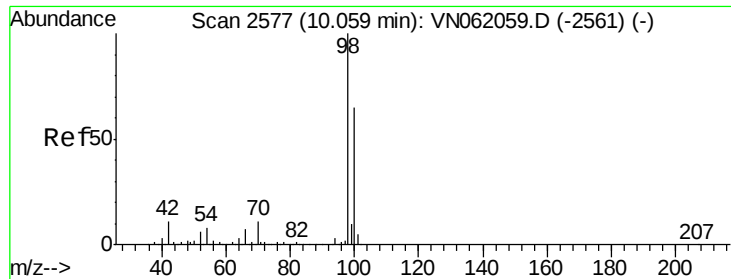
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	18.0	14.0	21.0



#39
Methylcyclohexane
Concen: 8.033 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.9	57.0	85.6
98	52.3	39.0	58.6





#50

Toluene-d8

Concen: 49.362 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampleId :

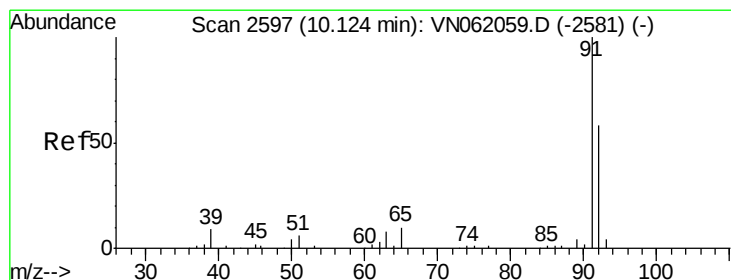
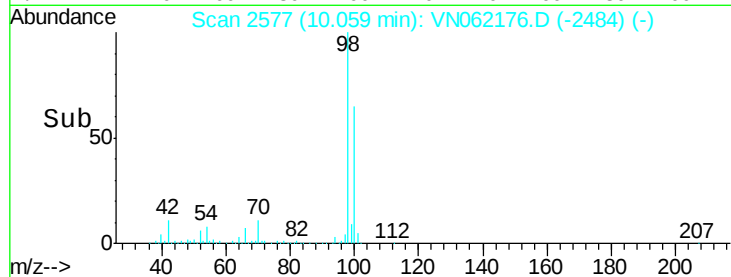
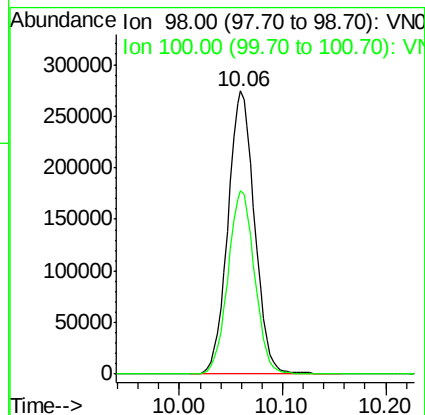
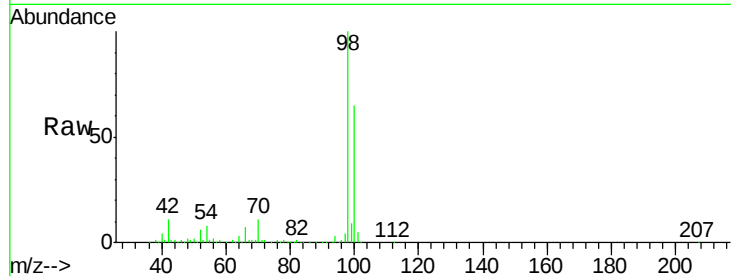
31106-31128

Tot Ion: 98 Resp: 493955

Ion Ratio Lower Upper

98 100

100 64.9 51.2 76.8



#52

Toluene

Concen: 1.334 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062176.D

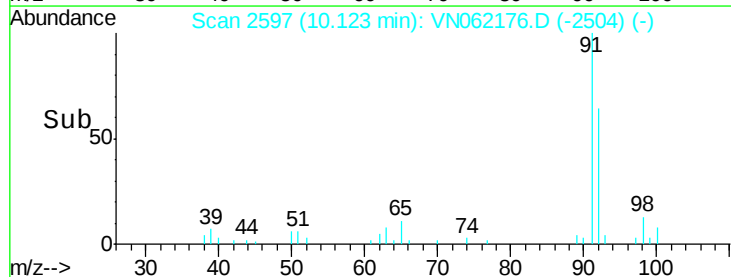
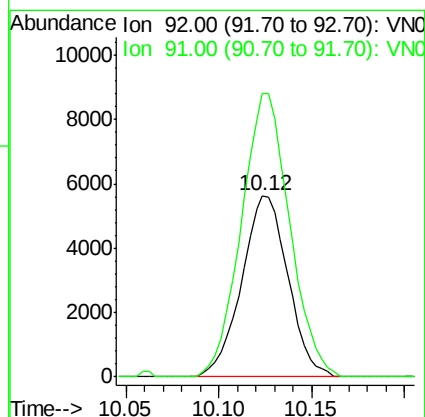
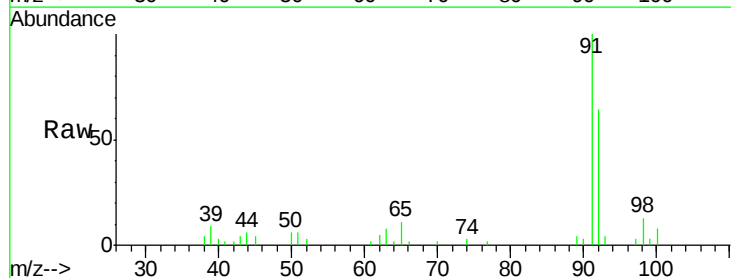
Acq: 27 Jun 2020 6:41

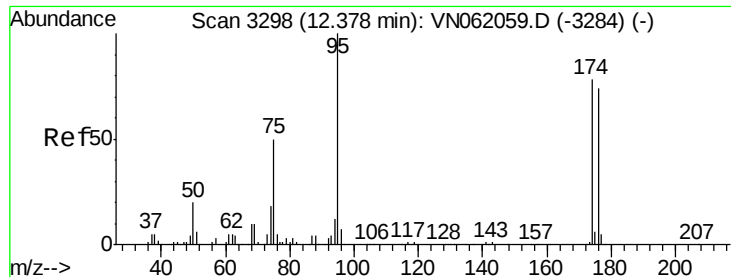
Tgt Ion: 92 Resp: 9727

Ion Ratio Lower Upper

92 100

91 163.4 137.4 206.0

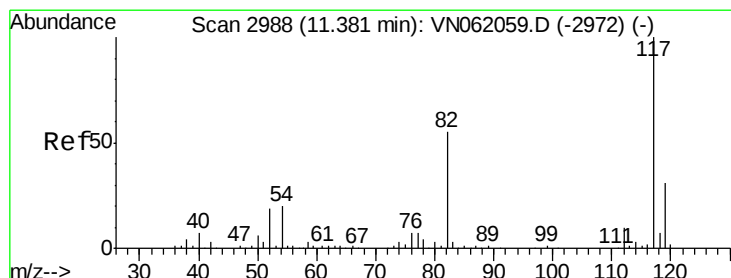
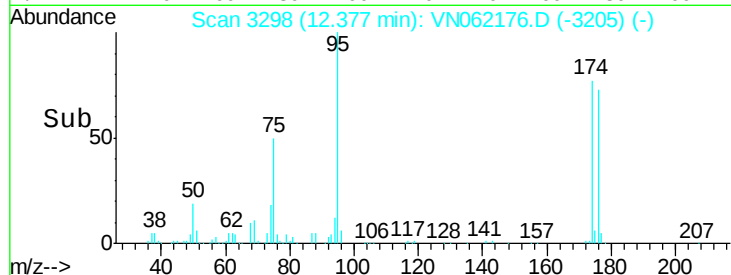
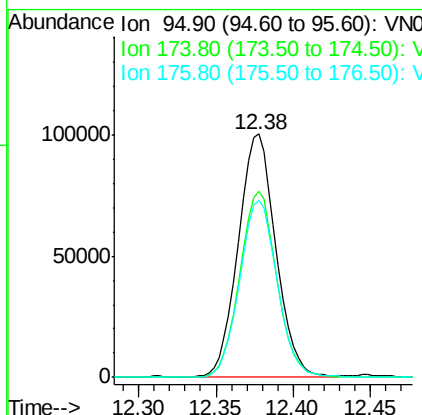
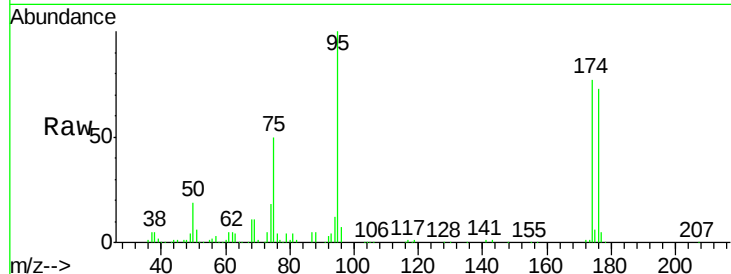




#62
4-Bromofluorobenzene
Concen: 49.920 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

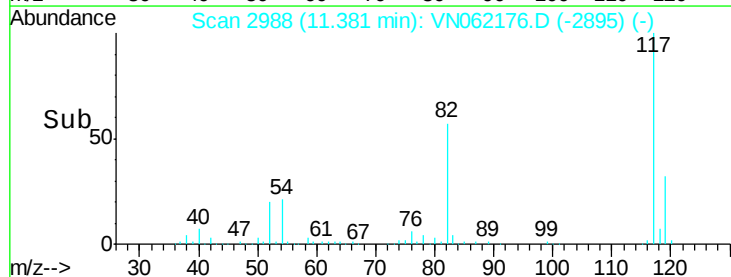
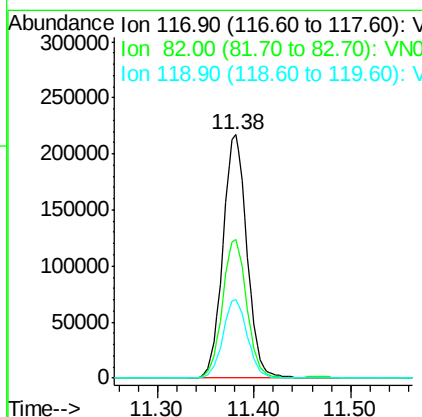
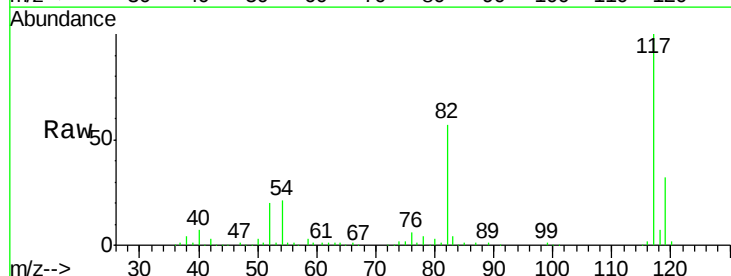
Instrument :
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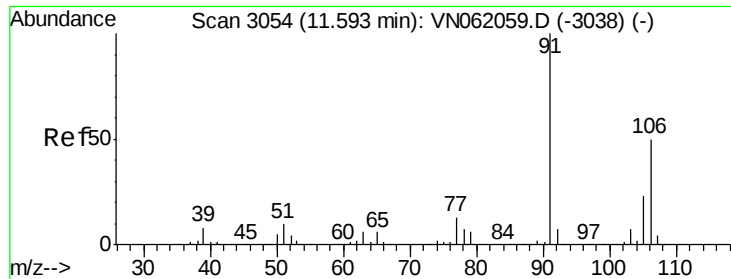
Tot Ion: 95 Resp: 168771
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.8
176 73.1 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Tgt Ion: 117 Resp: 374185
Ion Ratio Lower Upper
117 100
82 56.8 43.8 65.8
119 32.1 25.2 37.8

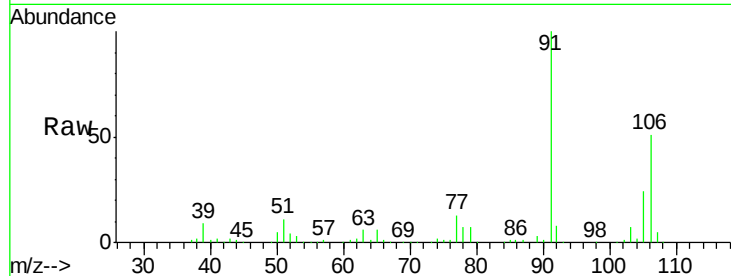




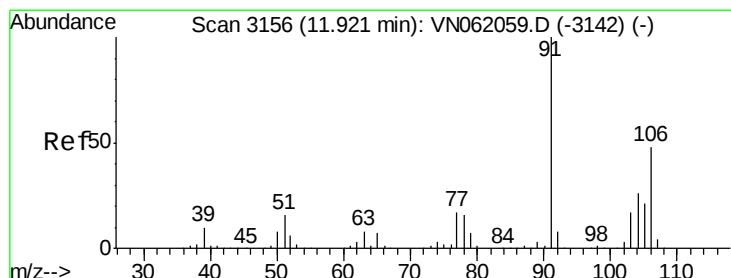
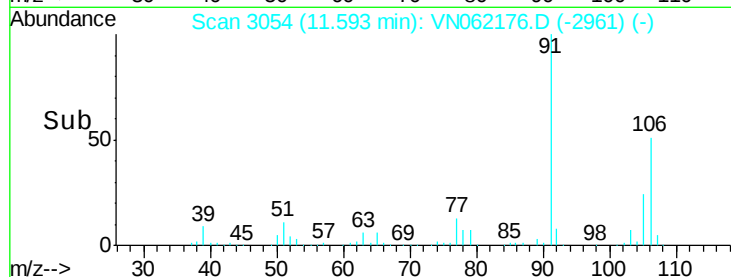
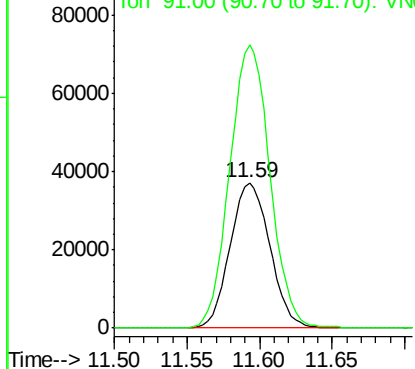
#68
m/p-Xylenes
Concen: 13.220 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Instrument :
MSVOA_N
ClientSampled :
31106-31128

Tot Ion:106 Resp: 70959
Ion Ratio Lower Upper
106 100
91 196.8 157.8 236.8

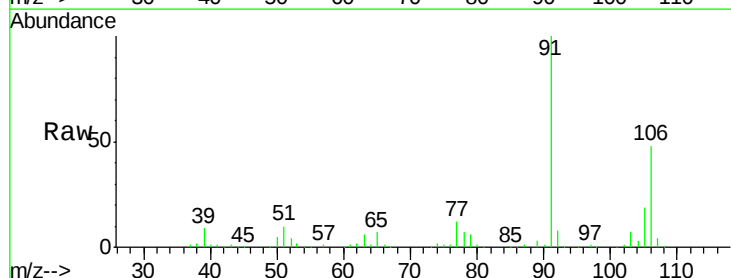


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

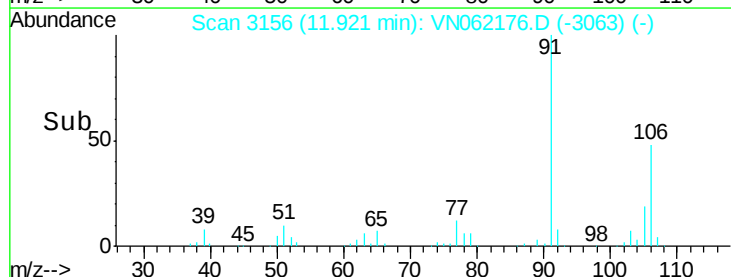
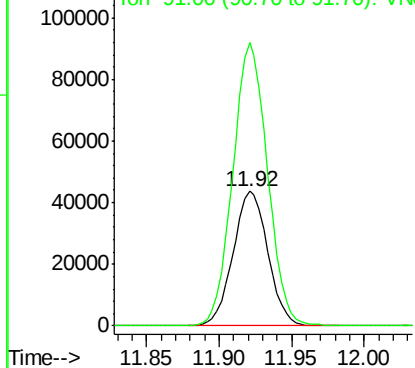


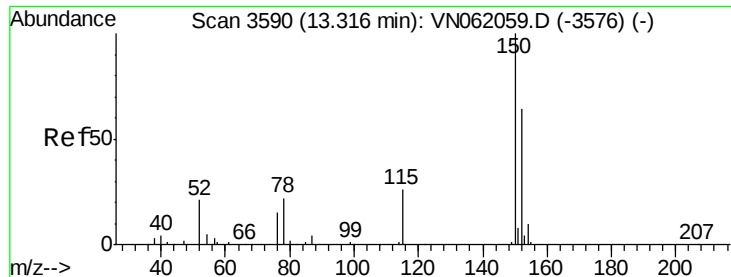
#69
o-Xylene
Concen: 14.346 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Tgt Ion:106 Resp: 72655
Ion Ratio Lower Upper
106 100
91 210.4 104.0 311.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampleId :

31106-31128

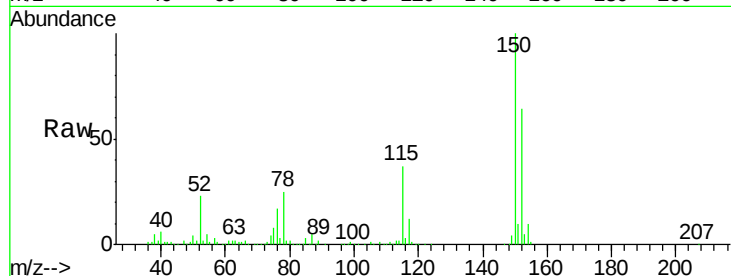
Tot Ion:152 Resp: 153212

Ion Ratio Lower Upper

152 100

115 61.1 29.5 88.5

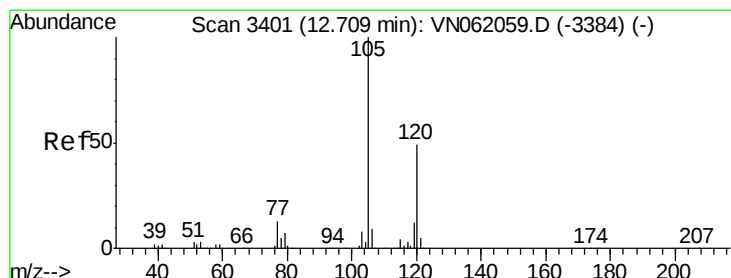
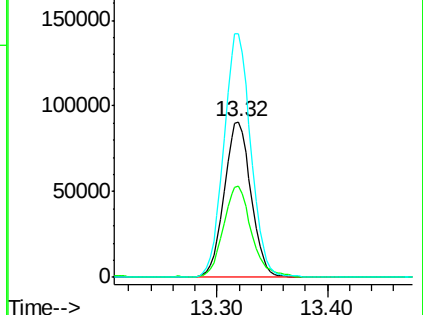
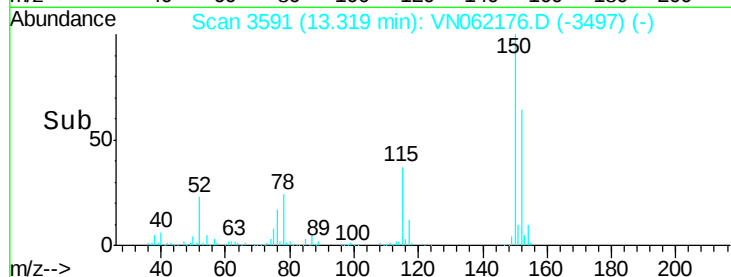
150 157.5 0.0 351.4



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



#80

1,3,5-Trimethylbenzene

Concen: 10.016 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062176.D

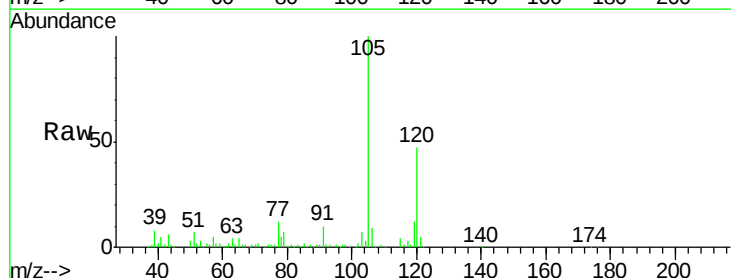
Acq: 27 Jun 2020 6:41

Tgt Ion:105 Resp: 96300

Ion Ratio Lower Upper

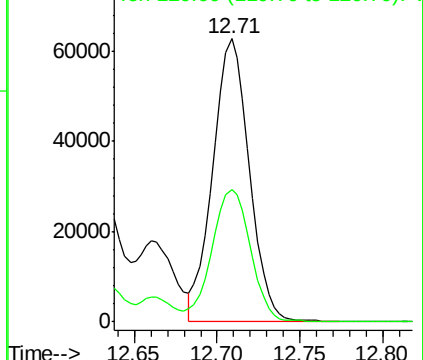
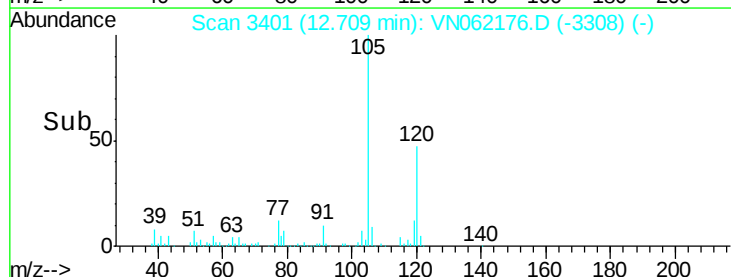
105 100

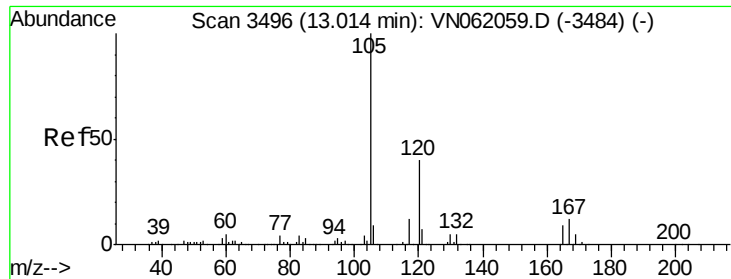
120 49.4 24.6 74.0



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: 2.962 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampled :

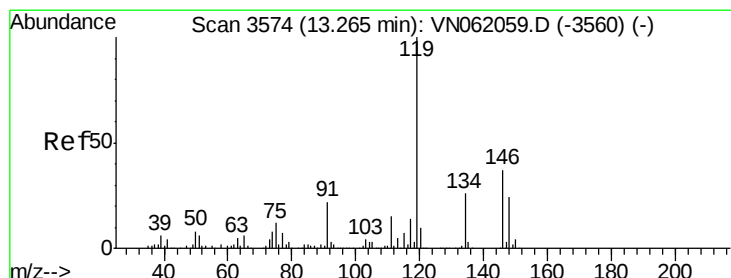
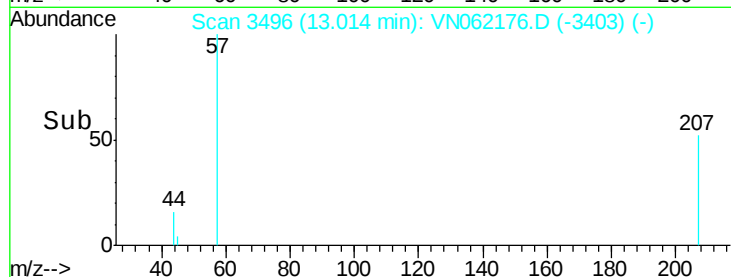
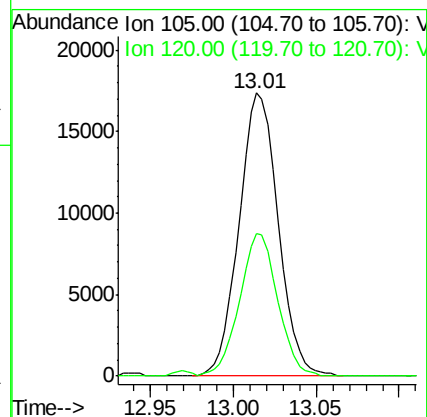
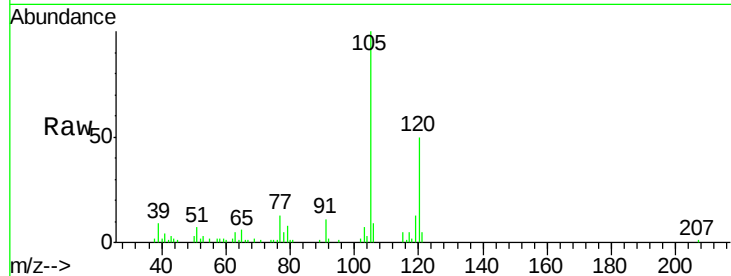
31106-31128

Tot Ion:105 Resp: 28440

Ion Ratio Lower Upper

105 100

120 49.0 23.2 69.5



#86

p-Isopropyltoluene

Concen: 1.112 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Tgt Ion:119 Resp: 10592

Ion Ratio Lower Upper

119 100

134 25.0 13.0 39.0

91 21.7 11.3 33.8

