

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060507.D
 Acq On : 13 Mar 2020 16:57
 Operator : JC/MD
 Sample : L1761-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-031220

Quant Time: Mar 16 09:12:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	341364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	324139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153668	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	133370	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
35) Dibromofluoromethane	7.57	113	100899	63.68	ug/l	0.00
Spiked Amount			Recovery	=	127.36%	
50) Toluene-d8	10.08	98	422898	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.40	95	161555	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	

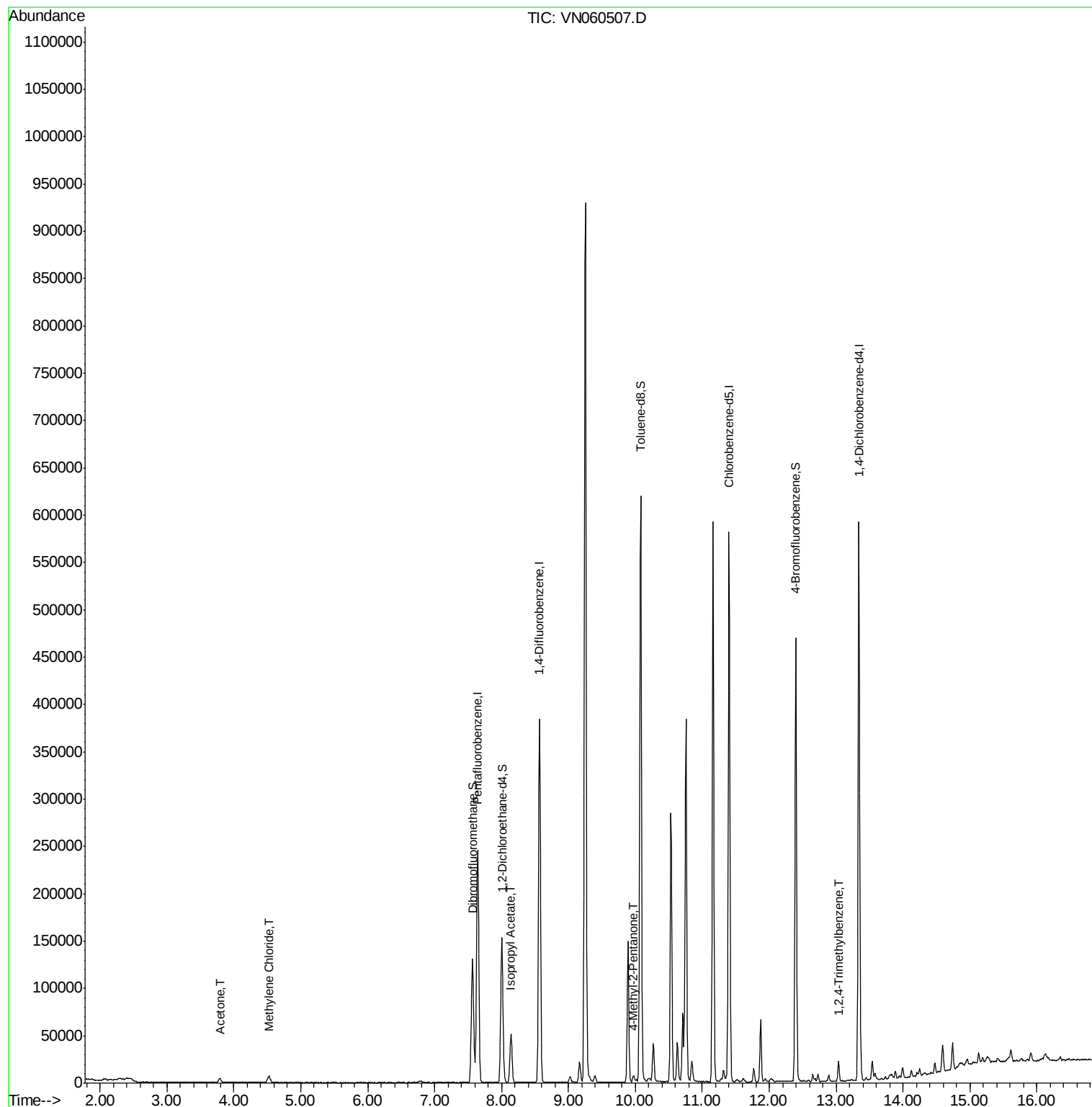
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	8789	10.425	ug/l	97
20) Methylene Chloride	4.52	84	5225	2.257	ug/l	88
43) Isopropyl Acetate	8.14	43	61254	11.358	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	5109	1.671	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	13050	1.348	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
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: VN060507.D

Acq: 13 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

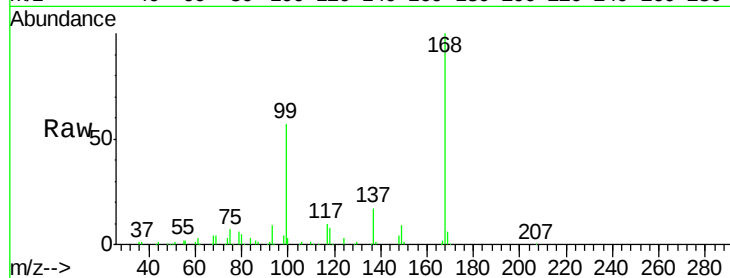
SU-01-031220

Tot Ion:168 Resp: 203473

Ion Ratio Lower Upper

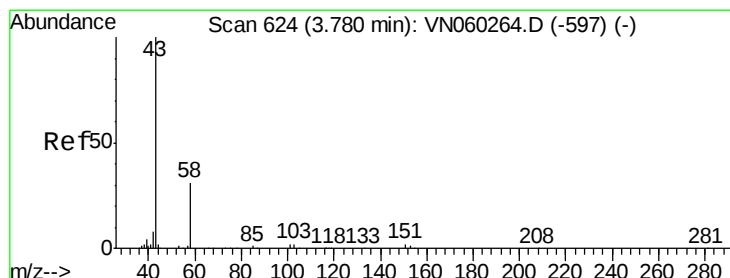
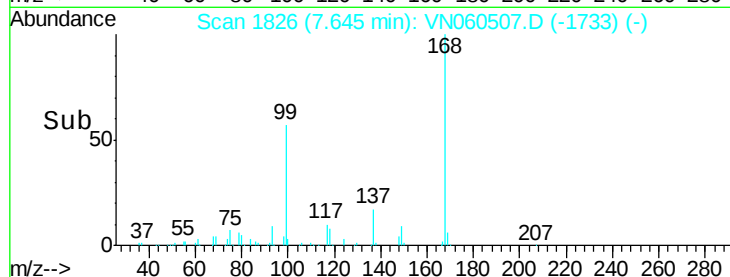
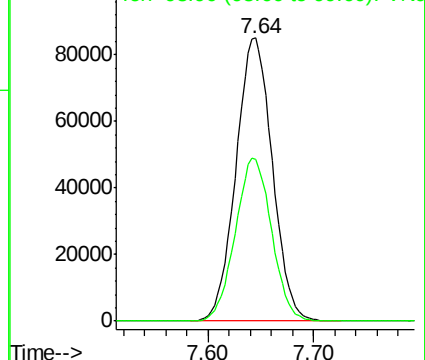
168 100

99 57.2 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 10.425 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060507.D

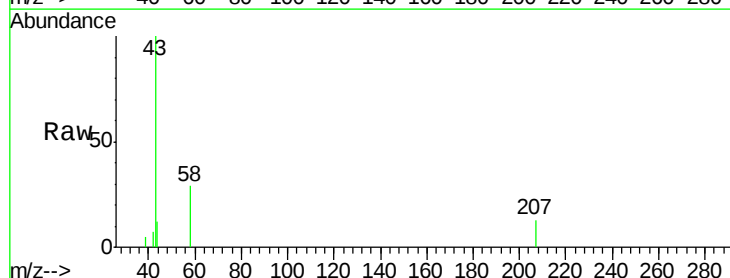
Acq: 13 Mar 2020 16:57

Tgt Ion: 43 Resp: 8789

Ion Ratio Lower Upper

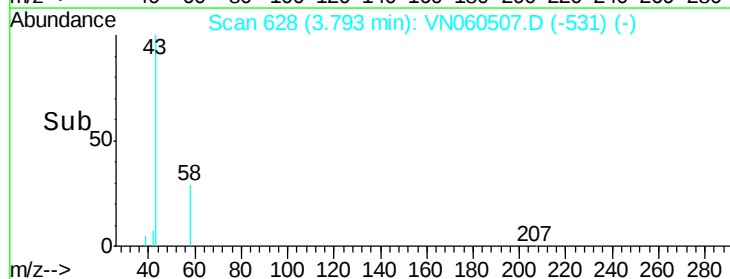
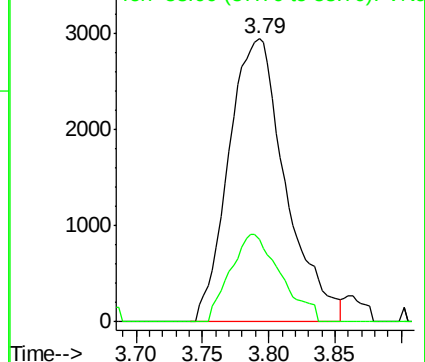
43 100

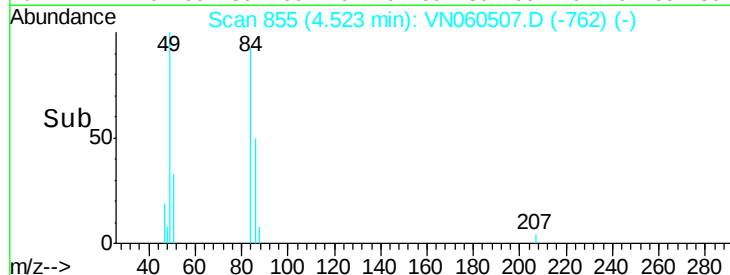
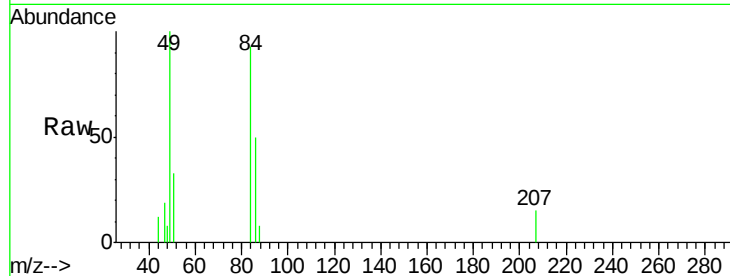
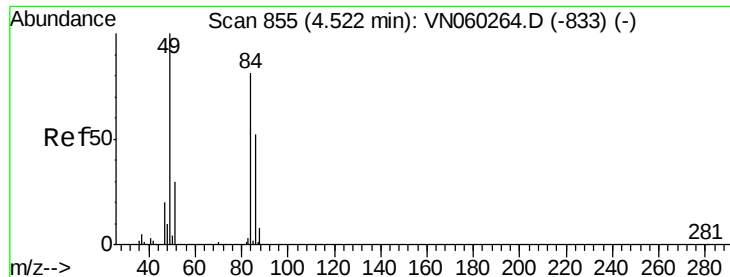
58 29.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

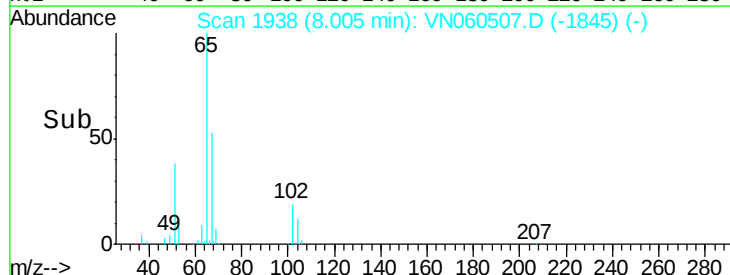
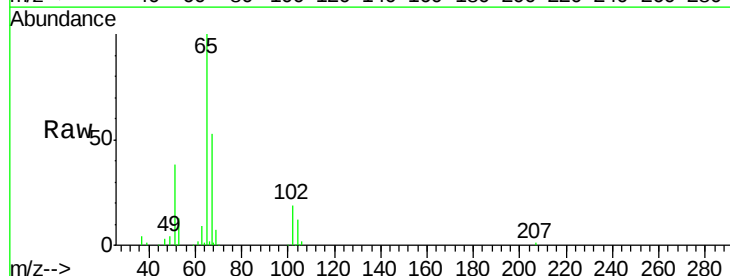
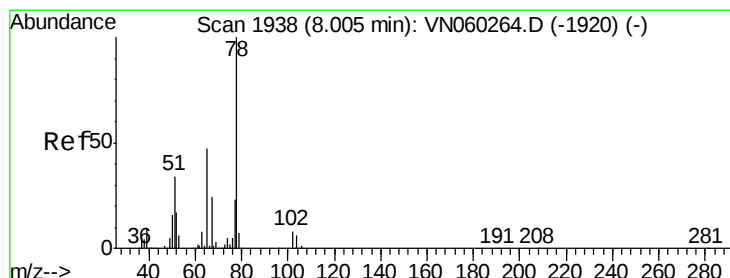
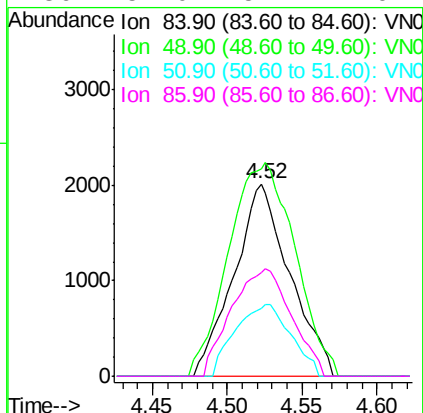




#20
Methylene Chloride
Concen: 2.257 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060507.D
Acq: 13 Mar 2020 16:57

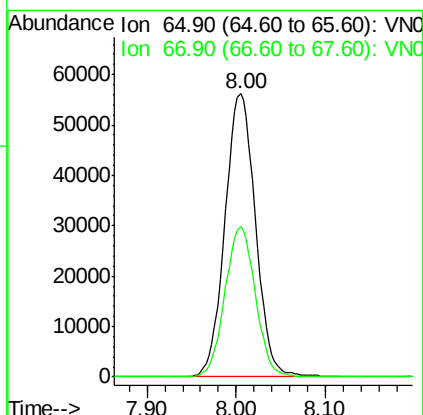
Instrument :
MSVOA_N
ClientSampleId :
SU-01-031220

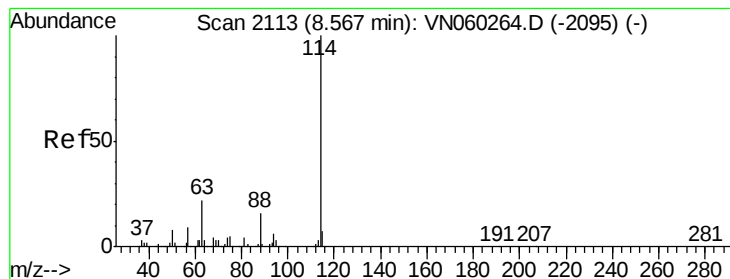
Tot Ion:	84	Resp:	5225
Ion	Ratio	Lower	Upper
84	100		
49	108.0	99.3	148.9
51	35.5	30.1	45.1
86	54.0	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 51.088 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060507.D
Acq: 13 Mar 2020 16:57

Tgt Ion:	65	Resp:	133370
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060507.D

Acq: 13 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

SU-01-031220

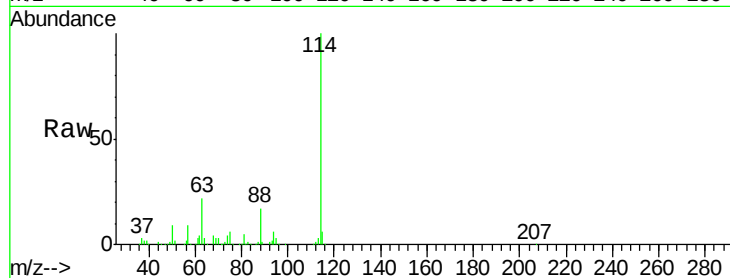
Tot Ion:114 Resp: 341364

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

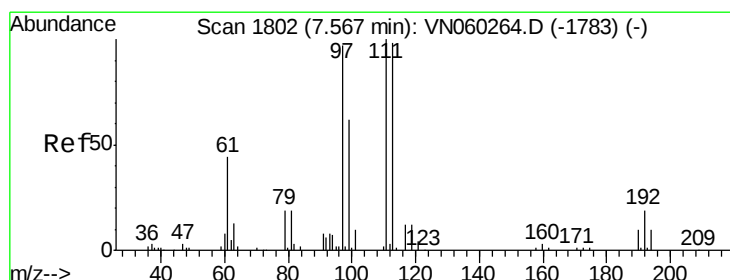
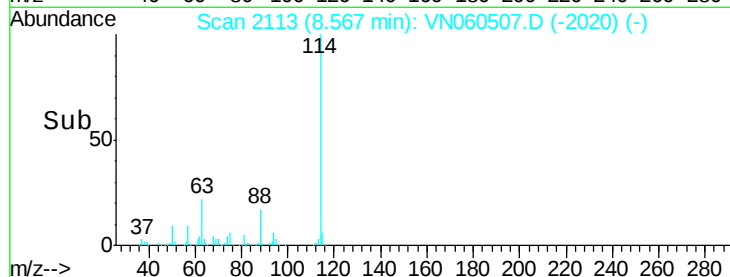
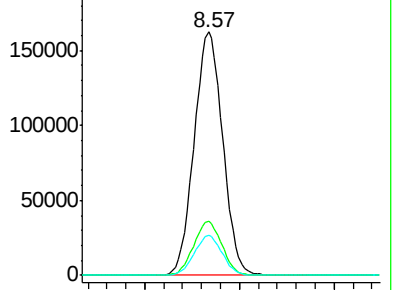
88 16.6 0.0 31.6



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: 63.679 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060507.D

Acq: 13 Mar 2020 16:57

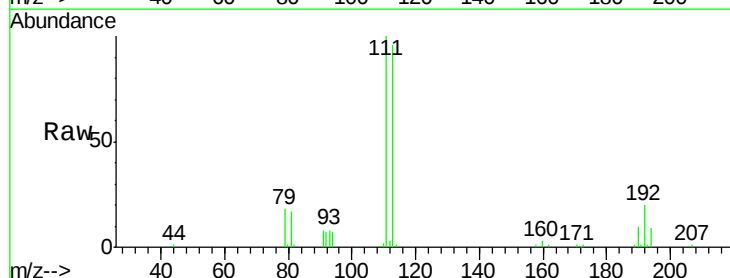
Tgt Ion:113 Resp: 100899

Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

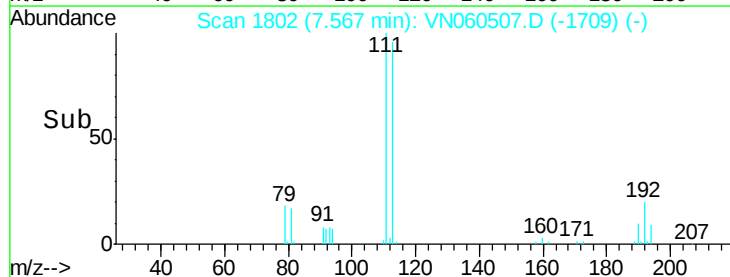
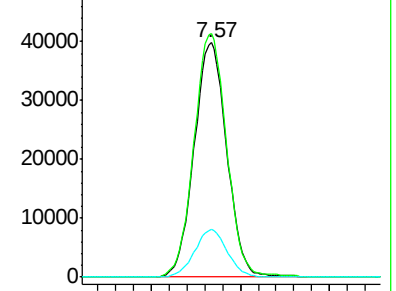
192 20.1 16.2 24.2

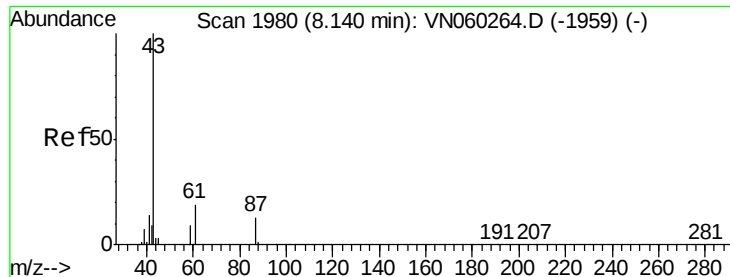


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



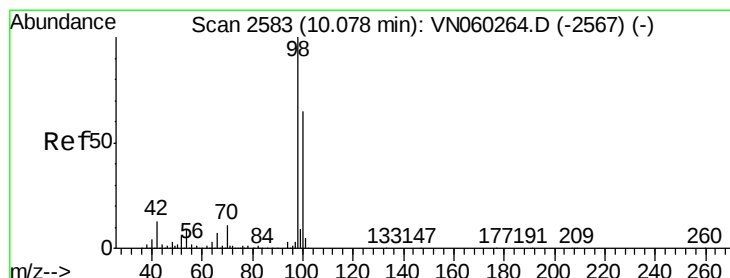
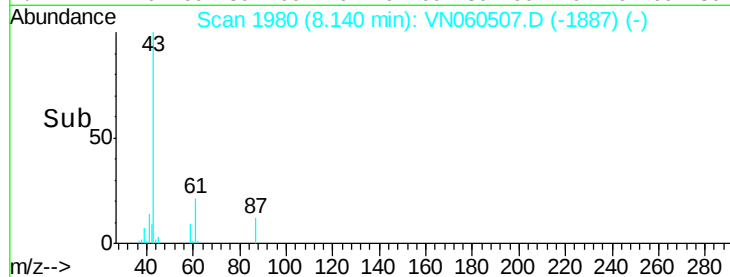
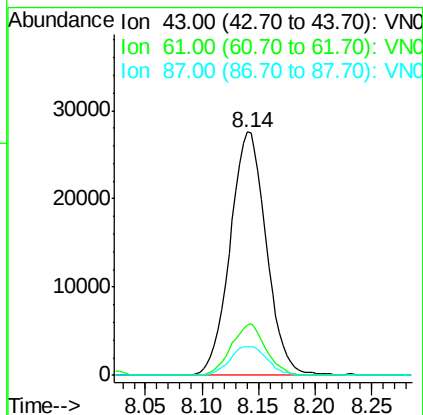
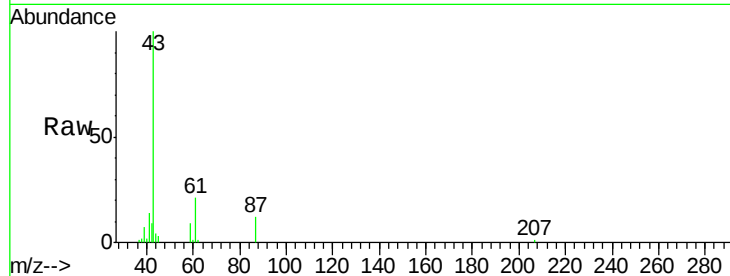


#43

Isopropyl Acetate
 Concen: 11.358 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060507.D
 Acq: 13 Mar 2020 16:57

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-031220

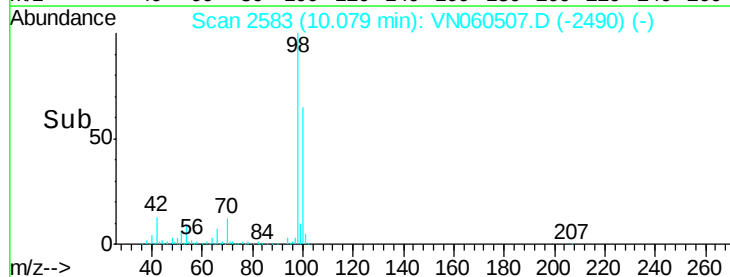
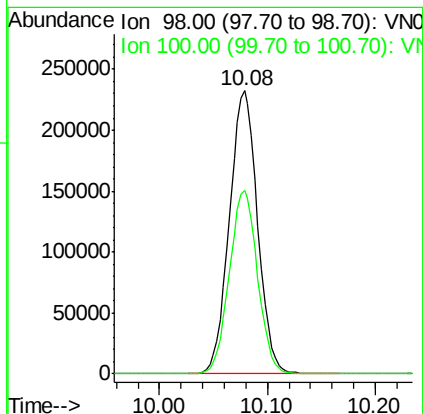
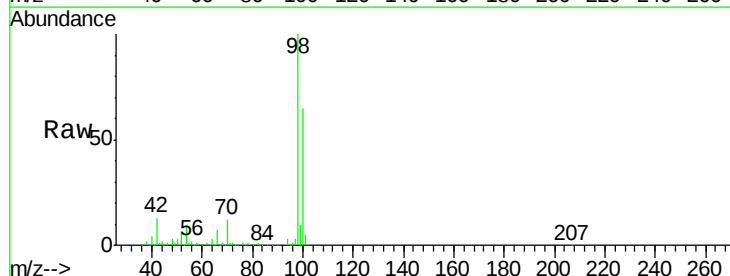
Tot Ion	43	Resp	61254
Ion Ratio	Lower	Upper	
43	100		
61	20.1	20.9	31.3#
87	12.1	10.6	16.0

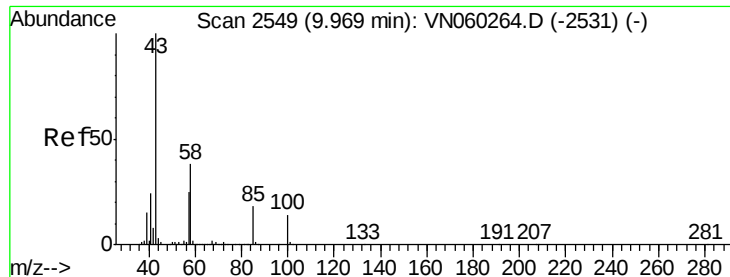


#50

Toluene-d8
 Concen: 52.735 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN060507.D
 Acq: 13 Mar 2020 16:57

Tgt Ion	98	Resp	422898
Ion Ratio	Lower	Upper	
98	100		
100	65.0	52.2	78.2

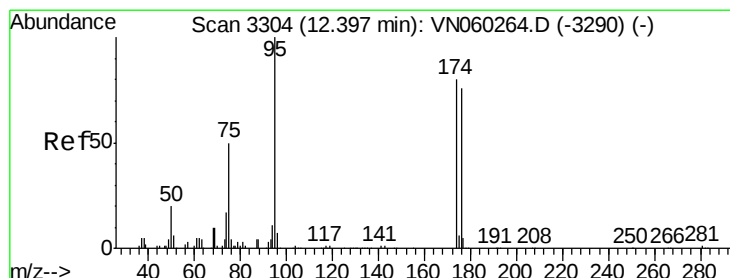
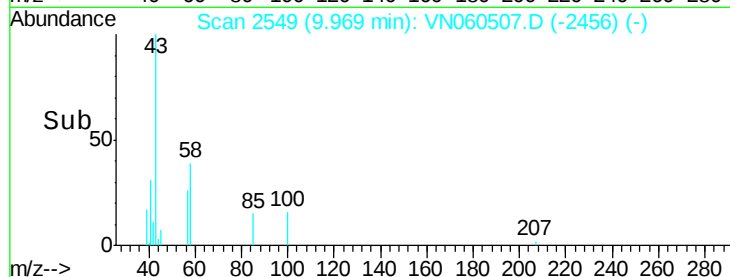
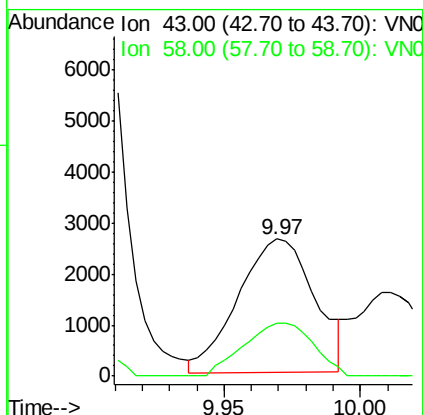
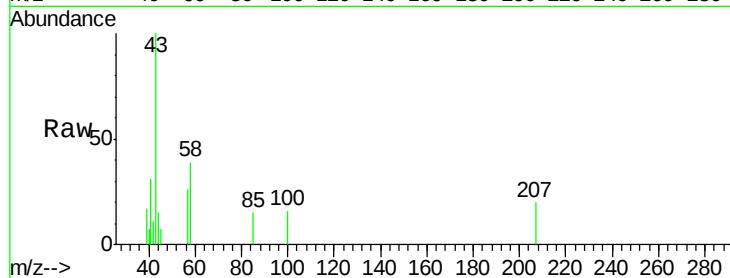




#51
 4-Methyl-2-Pentanone
 Concen: 1.671 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060507.D
 Acq: 13 Mar 2020 16:57

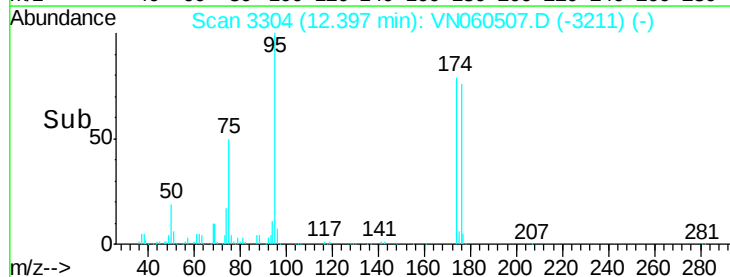
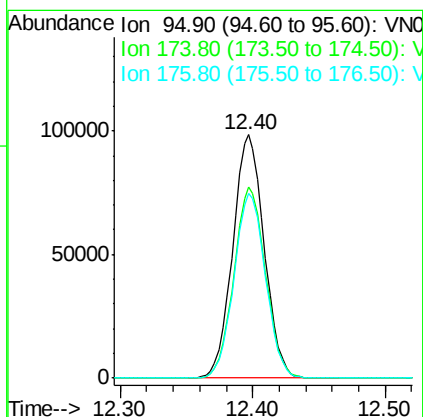
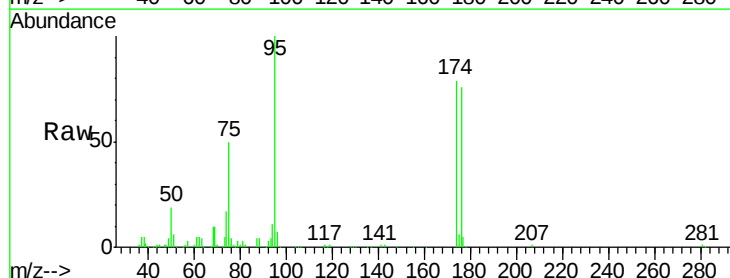
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-031220

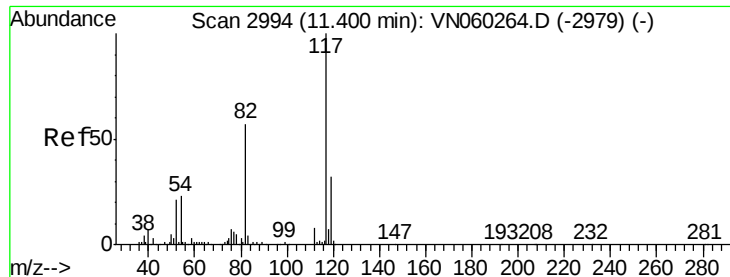
Tot Ion: 43 Resp: 5109
 Ion Ratio Lower Upper
 43 100
 58 36.1 30.9 46.3



#62
 4-Bromofluorobenzene
 Concen: 53.144 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060507.D
 Acq: 13 Mar 2020 16:57

Tgt Ion: 95 Resp: 161555
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 159.2
 176 76.1 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060507.D

Acq: 13 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

SU-01-031220

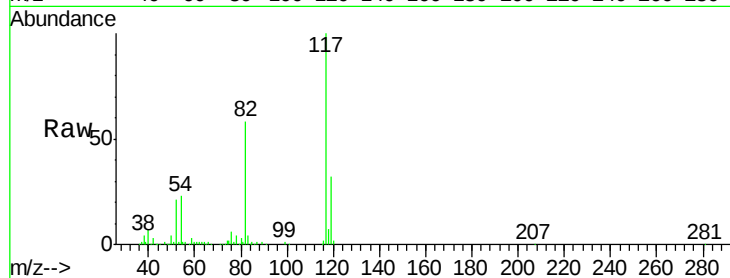
Tot Ion:117 Resp: 324139

Ion Ratio Lower Upper

117 100

82 57.8 45.8 68.6

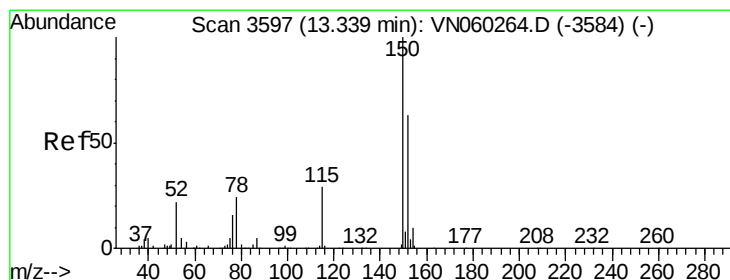
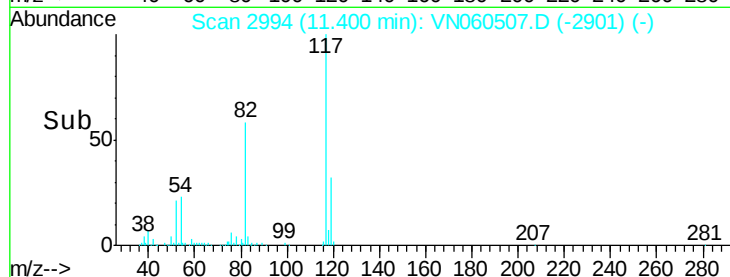
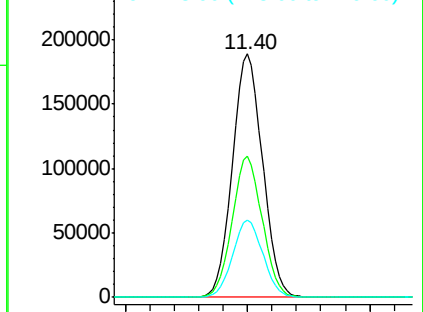
119 31.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060507.D

Acq: 13 Mar 2020 16:57

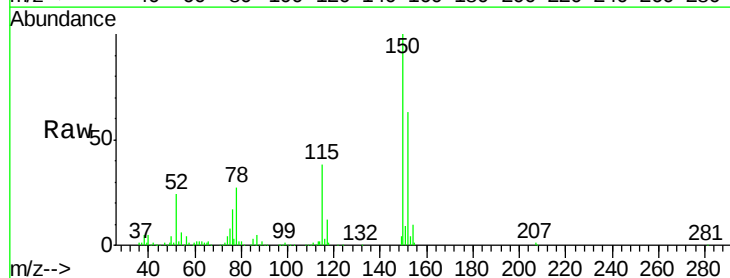
Tgt Ion:152 Resp: 153668

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

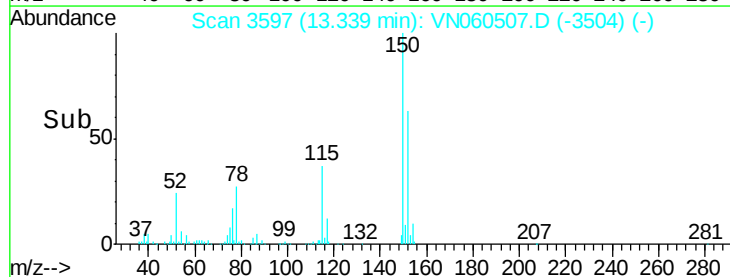
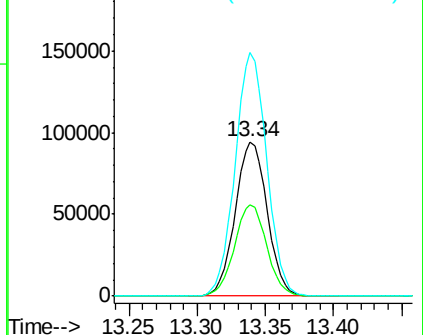
150 156.3 0.0 349.6

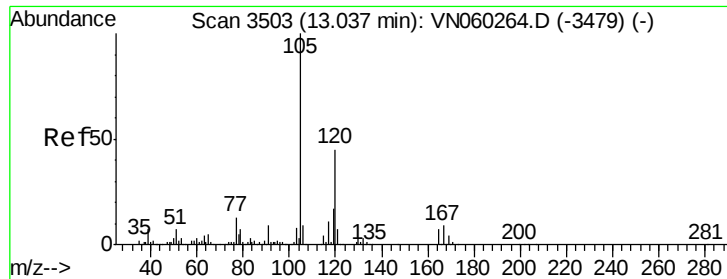


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.348 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060507.D

Acq: 13 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

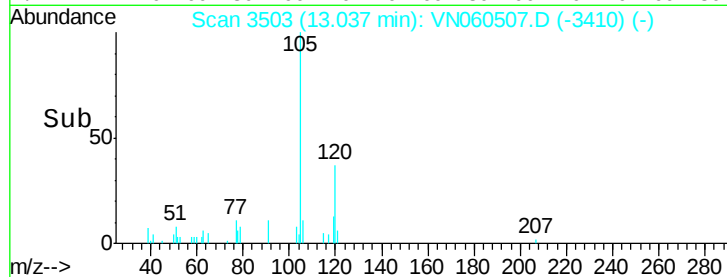
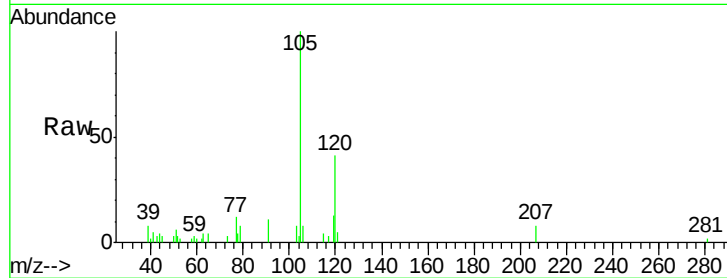
SU-01-031220

Tot Ion:105 Resp: 13050

Ion Ratio Lower Upper

105 100

120 42.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

