

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060527.D
 Acq On : 16 Mar 2020 16:45
 Operator : JC/MD
 Sample : L1942-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-DB

Quant Time: Mar 17 09:30:55 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

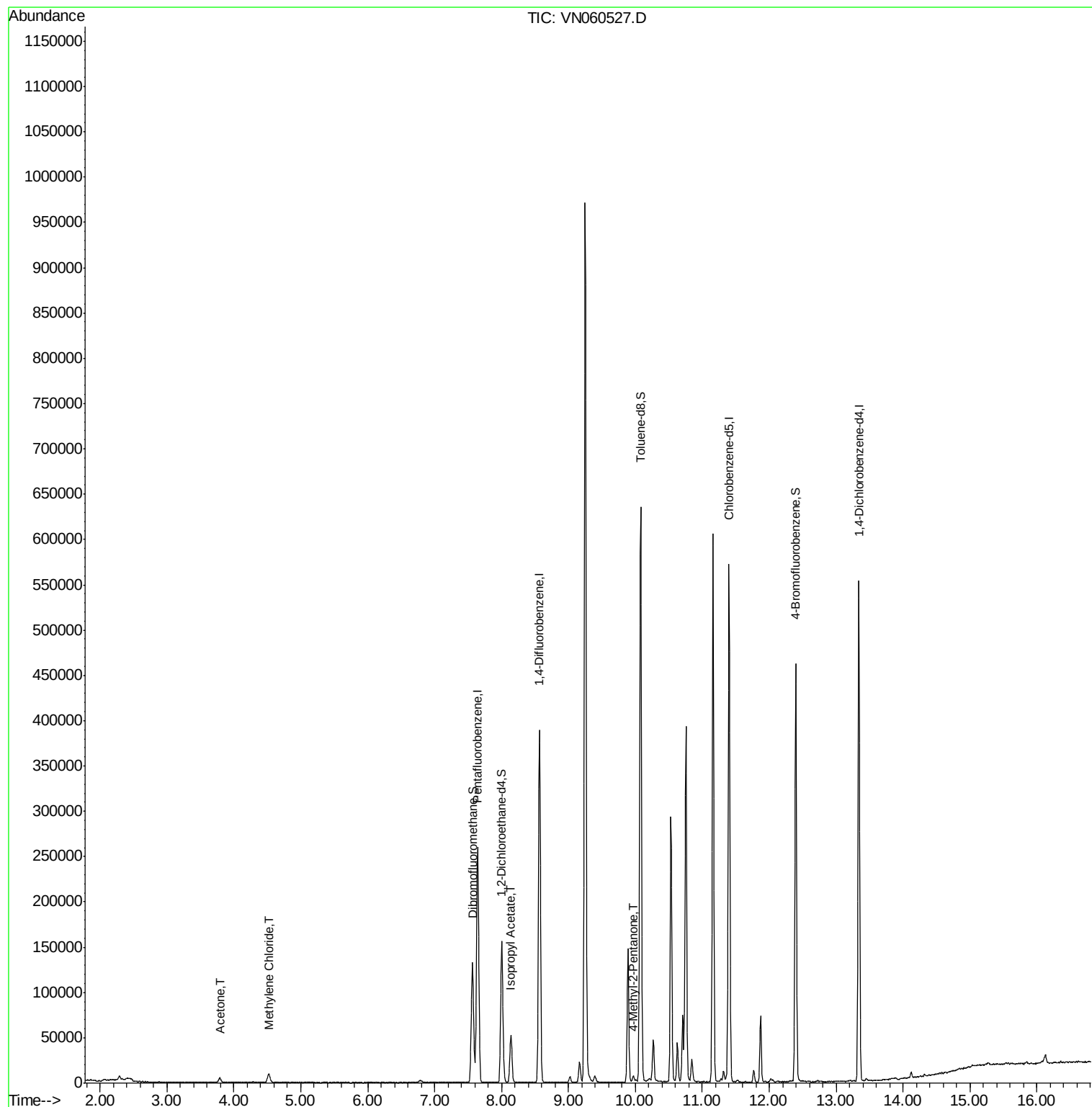
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	212584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	350473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	329934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	134695	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
35) Dibromofluoromethane	7.57	113	102261	62.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.72%	
50) Toluene-d8	10.08	98	432810	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.40	95	161909	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
Target Compounds						
16) Acetone	3.79	43	9722	11.038	ug/l	98
20) Methylene Chloride	4.52	84	7377	3.050	ug/l	95
43) Isopropyl Acetate	8.14	43	63174	11.410	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	5090	1.621	ug/l	95

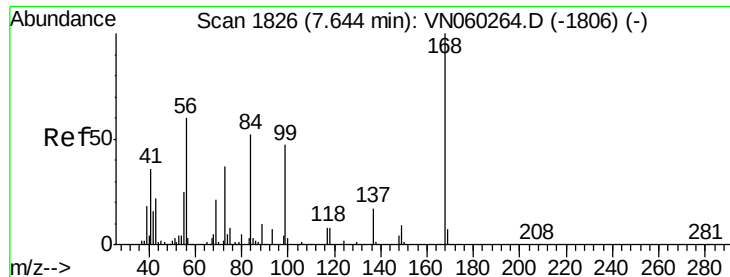
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
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: VN060527.D

Acq: 16 Mar 2020 16:45

Instrument :

MSVOA_N

ClientSampled :

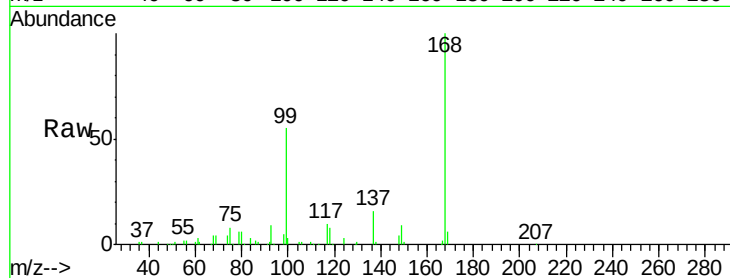
TP-3-DB

Tot Ion:168 Resp: 212584

Ion Ratio Lower Upper

168 100

99 55.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): VN060527.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060527.D (-1733) (-)

7.64

100000

80000

60000

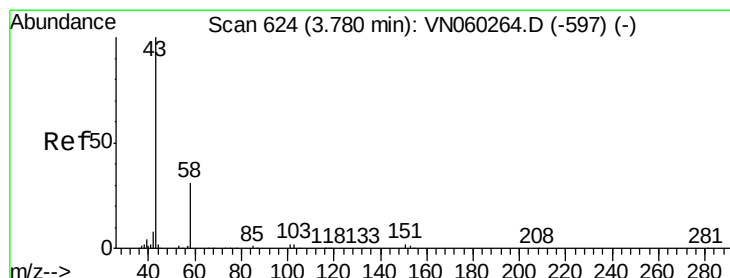
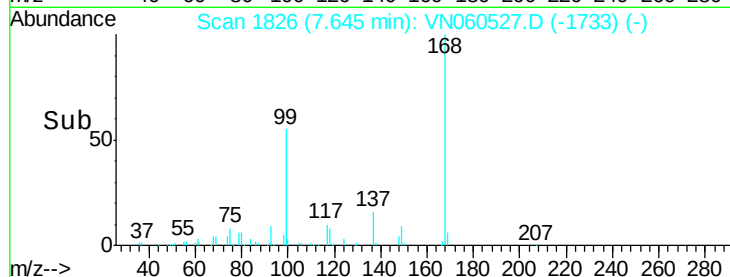
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 11.038 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060527.D

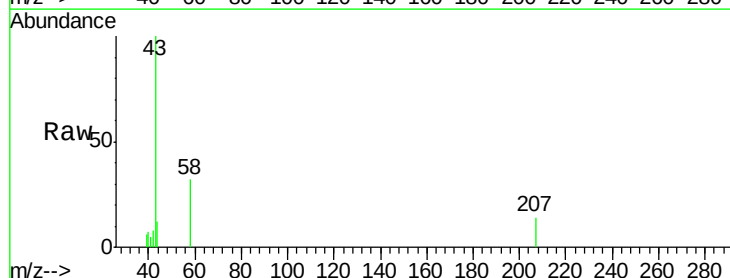
Acq: 16 Mar 2020 16:45

Tgt Ion: 43 Resp: 9722

Ion Ratio Lower Upper

43 100

58 31.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060527.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060527.D (-531) (-)

3.79

4000

3000

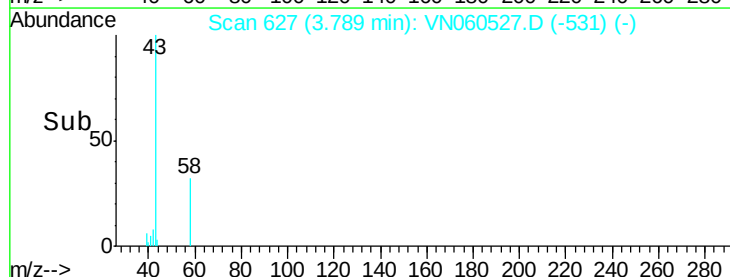
2000

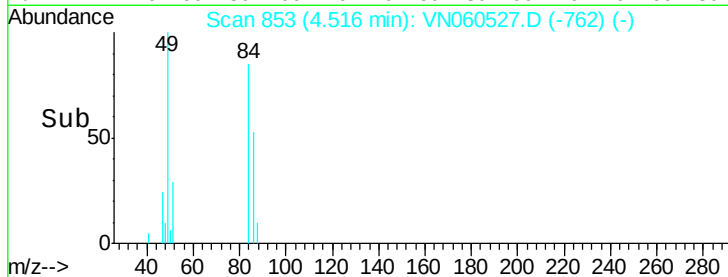
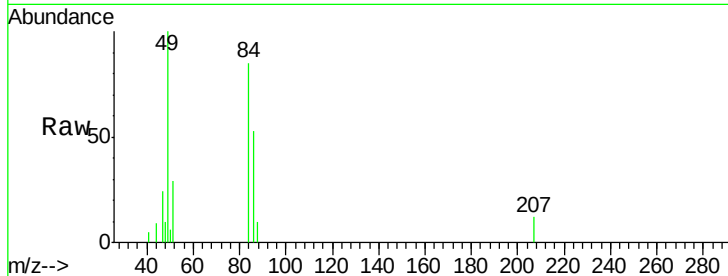
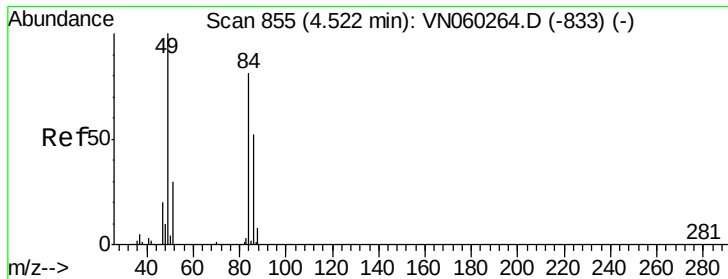
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

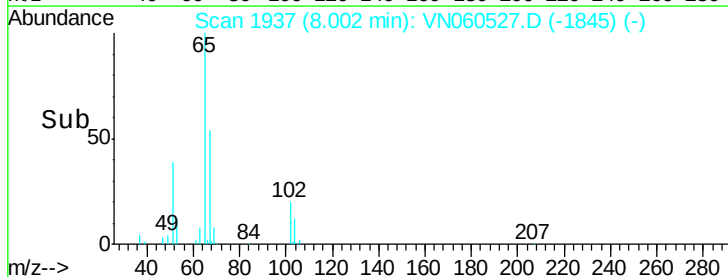
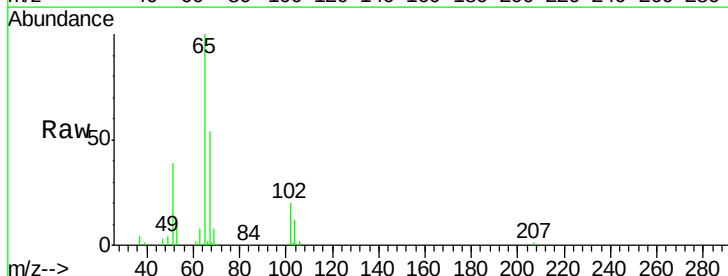
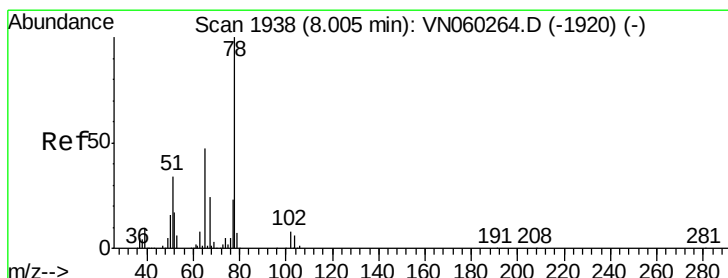
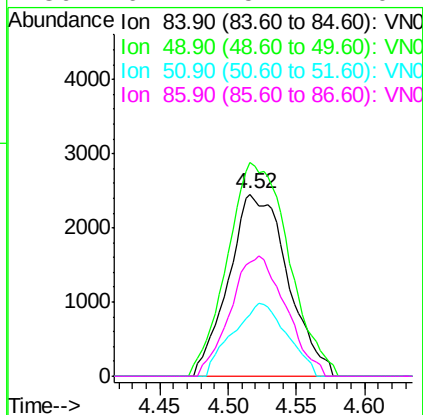




#20
Methylene Chloride
Concen: 3.050 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060527.D
Acq: 16 Mar 2020 16:45

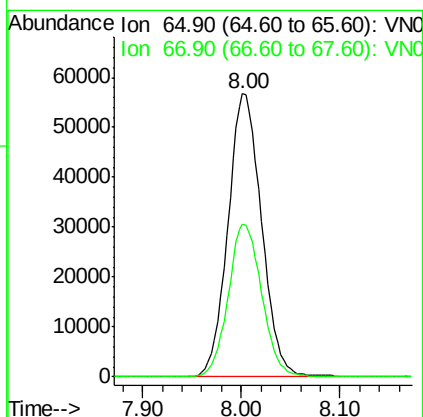
Instrument :
MSVOA_N
ClientSampleId :
TP-3-DB

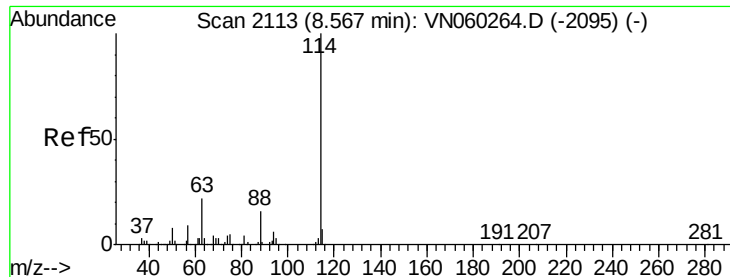
Tot Ion:	84	Resp:	7377
Ion	Ratio	Lower	Upper
84	100		
49	117.5	99.3	148.9
51	34.1	30.1	45.1
86	62.4	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 49.384 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060527.D
Acq: 16 Mar 2020 16:45

Tgt Ion:	65	Resp:	134695
Ion	Ratio	Lower	Upper
65	100		
67	53.8	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: VN060527.D

Acq: 16 Mar 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

TP-3-DB

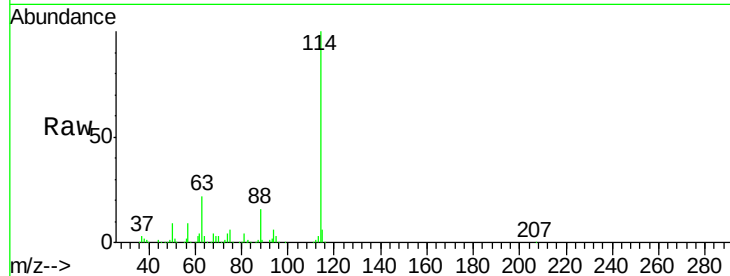
Tot Ion:114 Resp: 350473

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

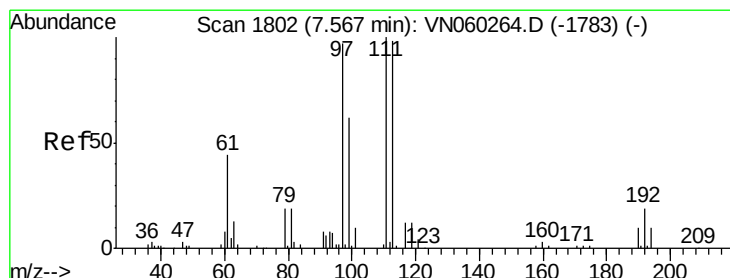
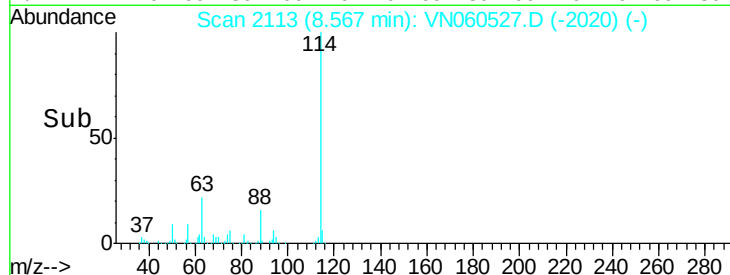
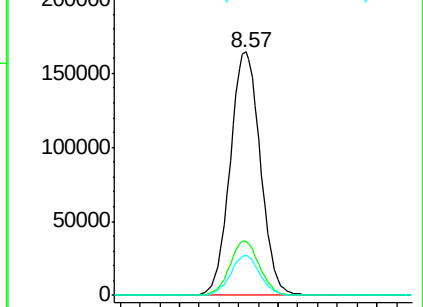
88 16.4 0.0 31.6



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: 62.861 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060527.D

Acq: 16 Mar 2020 16:45

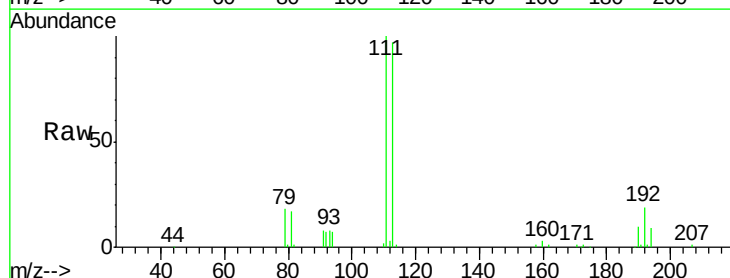
Tgt Ion:113 Resp: 102261

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

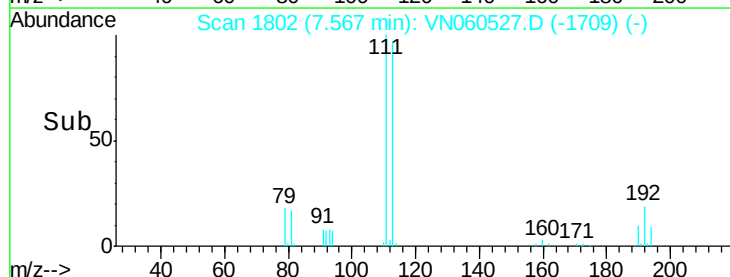
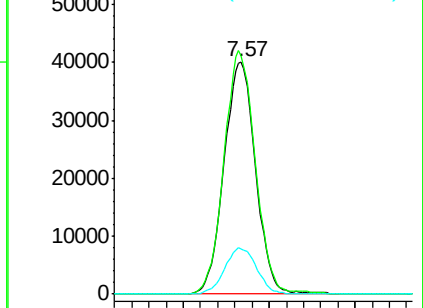
192 20.0 16.2 24.2

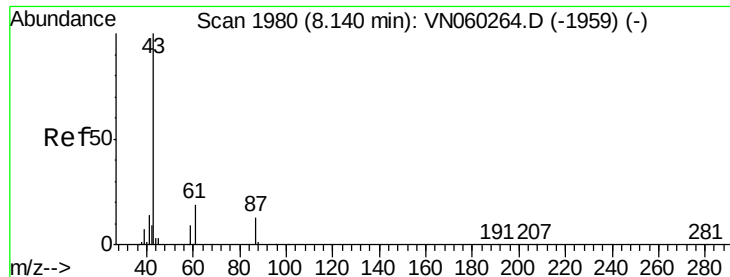


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.410 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060527.D

Acq: 16 Mar 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

TP-3-DB

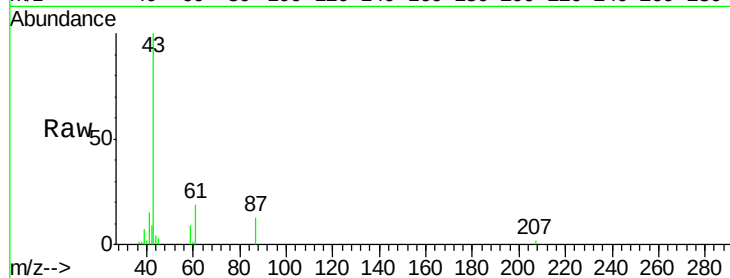
Tot Ion: 43 Resp: 63174

Ion Ratio Lower Upper

43 100

61 19.5 20.9 31.3#

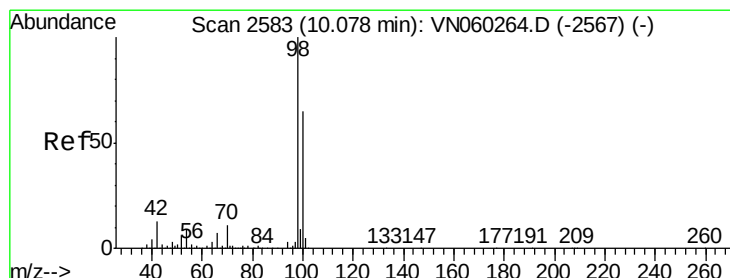
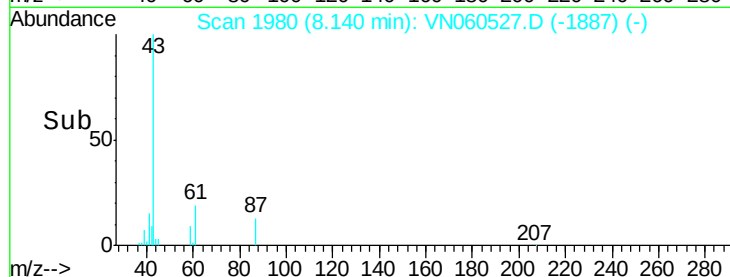
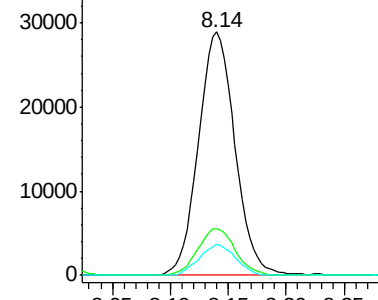
87 12.4 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#50

Toluene-d8

Concen: 52.568 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060527.D

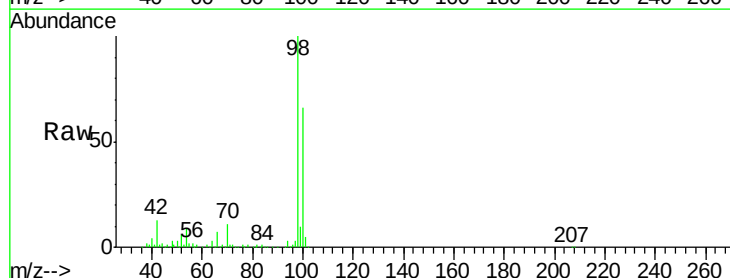
Acq: 16 Mar 2020 16:45

Tgt Ion: 98 Resp: 432810

Ion Ratio Lower Upper

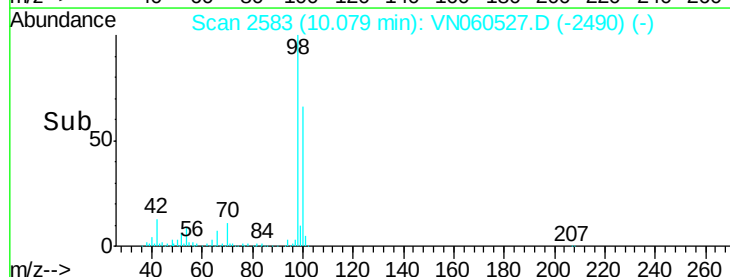
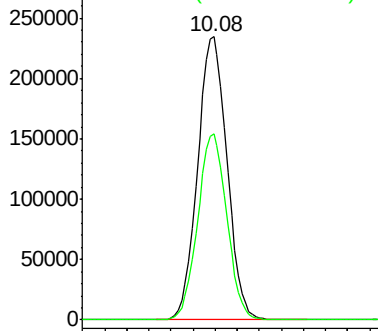
98 100

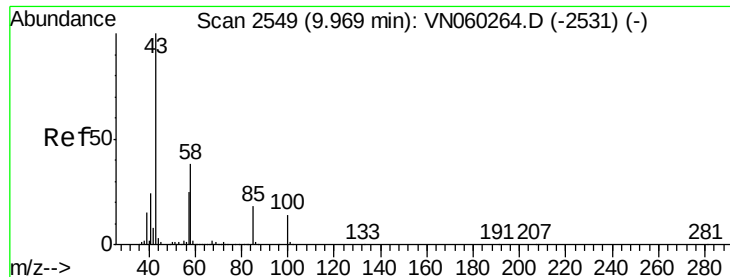
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.621 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060527.D

Acq: 16 Mar 2020 16:45

Instrument :

MSVOA_N

ClientSampled :

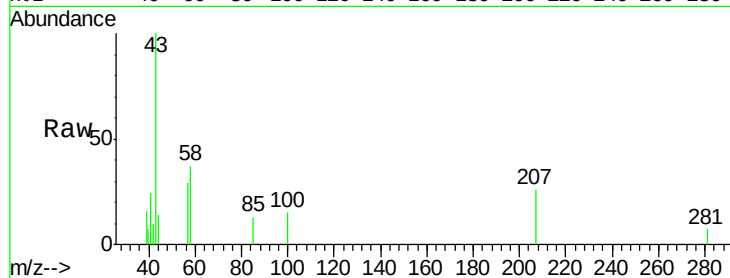
TP-3-DB

Tot Ion: 43 Resp: 5090

Ion Ratio Lower Upper

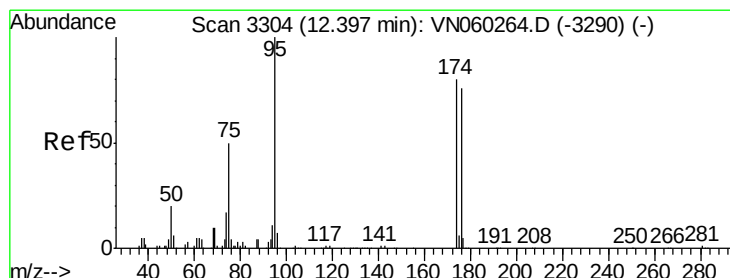
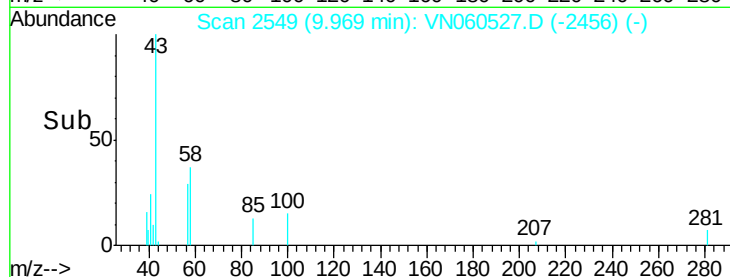
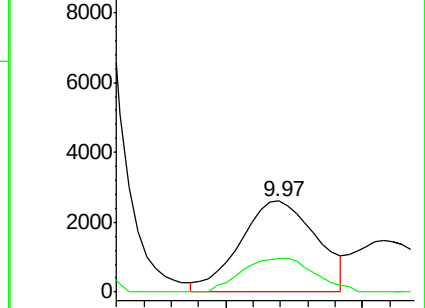
43 100

58 35.4 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060527.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060527.D (-2456) (-)



#62

4-Bromofluorobenzene

Concen: 51.876 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060527.D

Acq: 16 Mar 2020 16:45

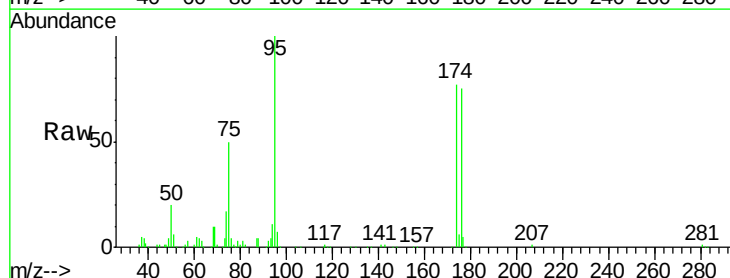
Tgt Ion: 95 Resp: 161909

Ion Ratio Lower Upper

95 100

174 77.3 0.0 159.2

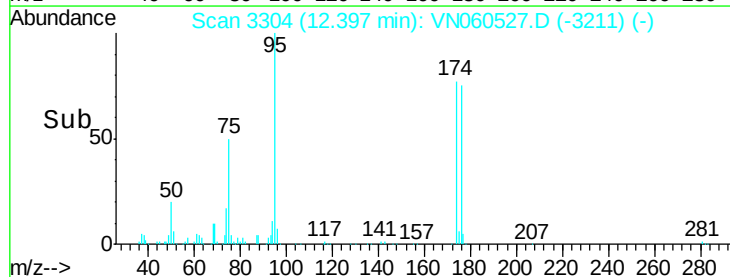
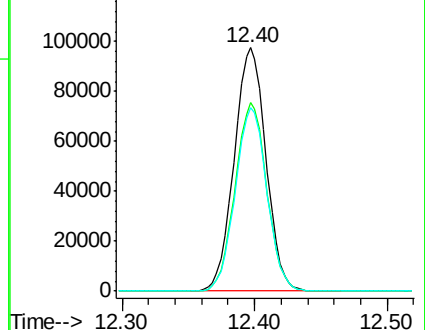
176 75.1 0.0 153.8

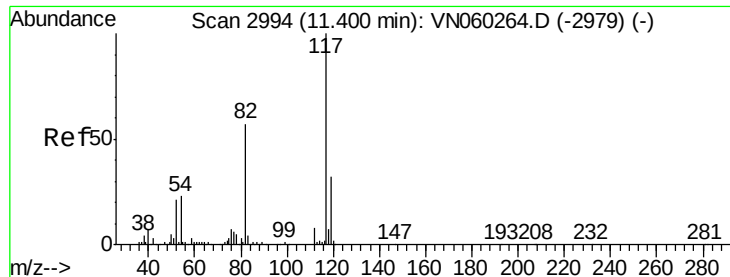


Abundance Ion 94.90 (94.60 to 95.60): VN060527.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060527.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060527.D (-3211) (-)

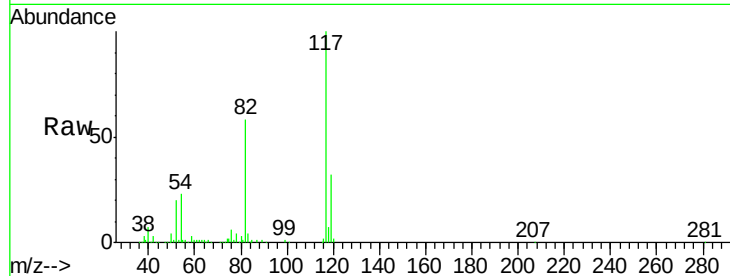




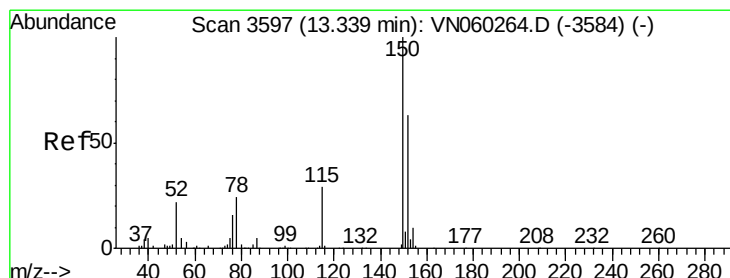
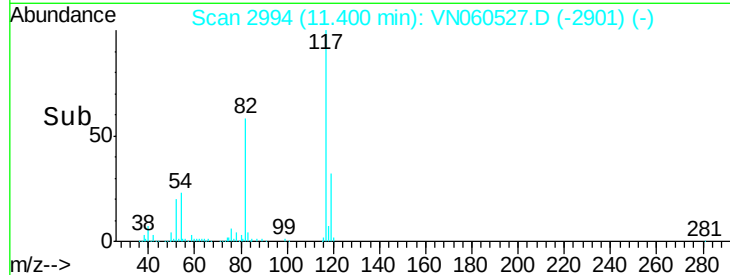
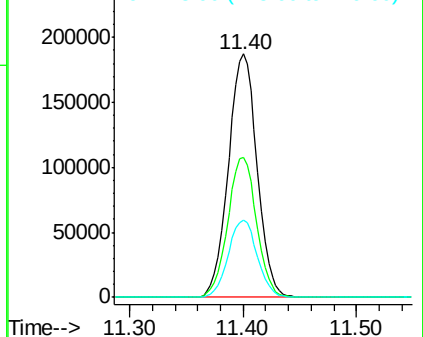
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060527.D
Acq: 16 Mar 2020 16:45

Instrument :
MSVOA_N
ClientSampled :
TP-3-DB

Tot Ion:117 Resp: 329934
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 31.7 25.8 38.8

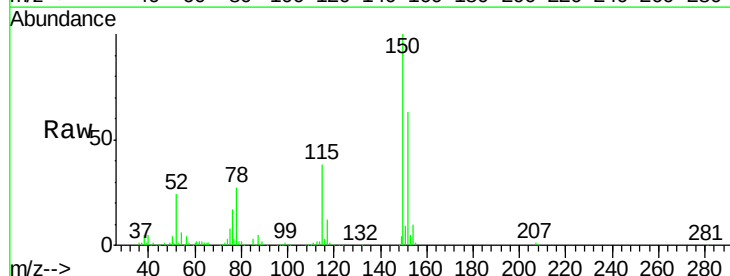


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060527.D
Acq: 16 Mar 2020 16:45

Tgt Ion:152 Resp: 146522
Ion Ratio Lower Upper
152 100
115 60.7 30.0 90.0
150 158.0 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

