

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
 Data File : VN060401.D
 Acq On : 9 Mar 2020 14:26
 Operator : JC/MD
 Sample : L1832-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 32235-38

Quant Time: Mar 09 17:23:43 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	206076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	336346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	319416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152543	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	131293	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	7.57	113	97663	62.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.12%	
50) Toluene-d8	10.08	98	418514	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.40	95	157524	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	

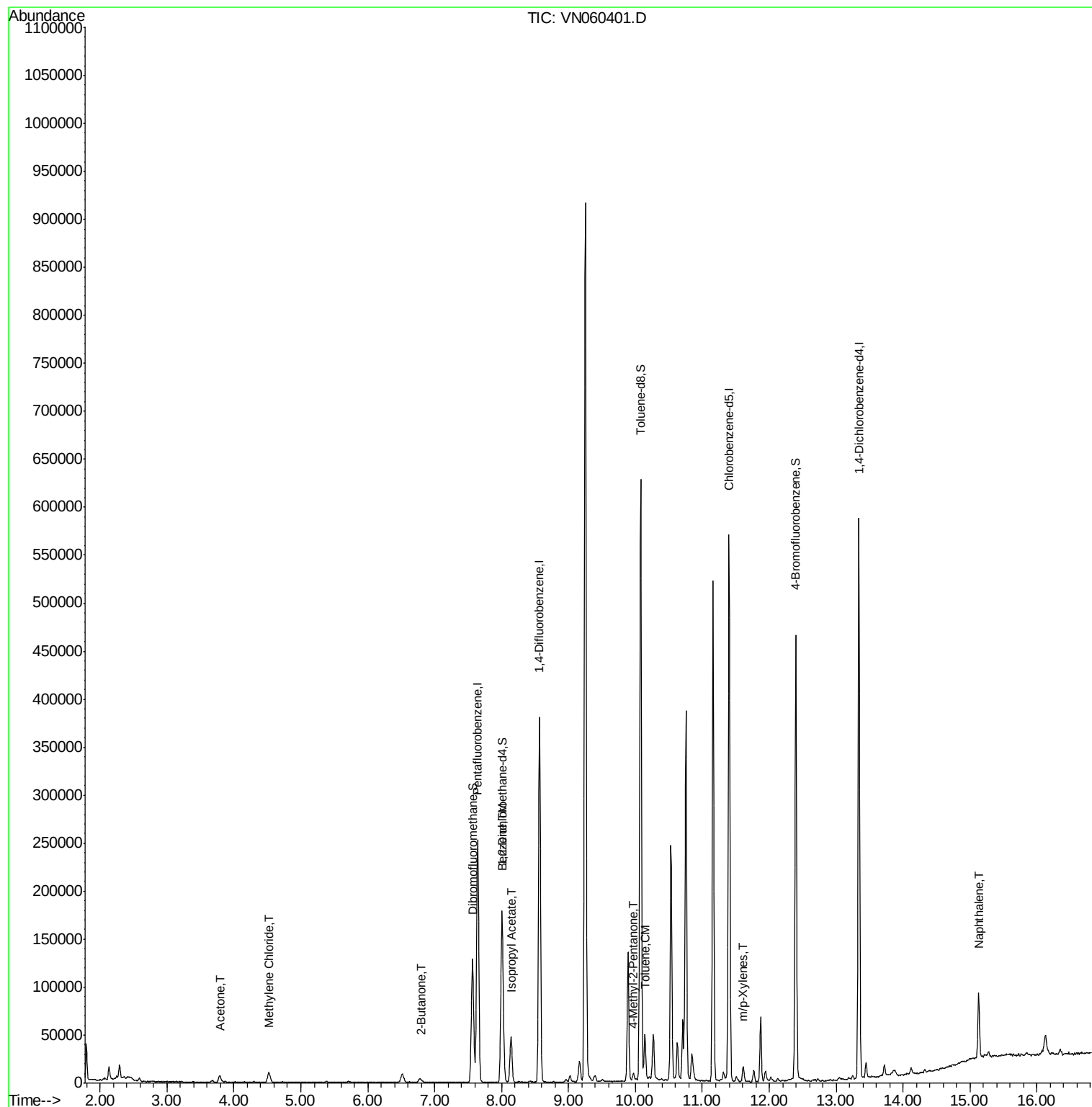
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	13490	15.80	ug/l	97
20) Methylene Chloride	4.53	84	7515	3.20	ug/l	98
25) 2-Butanone	6.81	43	2995	2.17	ug/l	93
40) Benzene	8.02	78	42411	4.55	ug/l	100
43) Isopropyl Acetate	8.14	43	57475	10.82	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	6173	2.05	ug/l	90
52) Toluene	10.14	92	20932	3.57	ug/l	96
68) m/p-Xylenes	11.61	106	5097	1.15	ug/l	99
95) Naphthalene	15.13	128	57003	6.03	ug/l	100

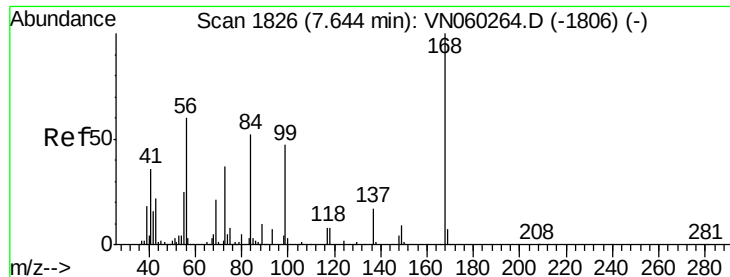
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
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32235-38

Quant Time: Mar 09 17:23:43 2020
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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060401.D

Acq: 9 Mar 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

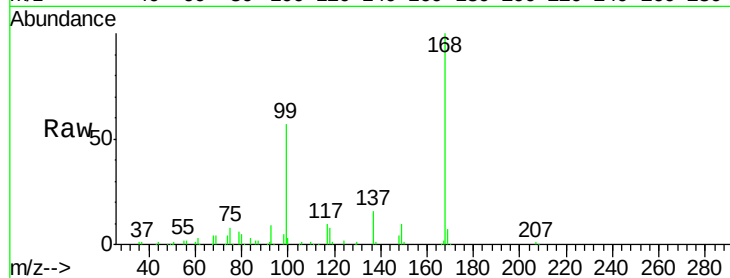
32235-38

Tgt Ion:168 Resp: 206076

Ion Ratio Lower Upper

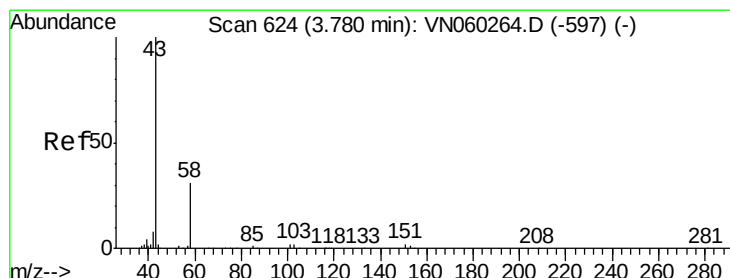
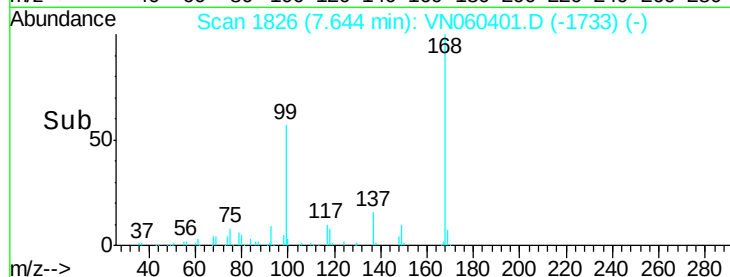
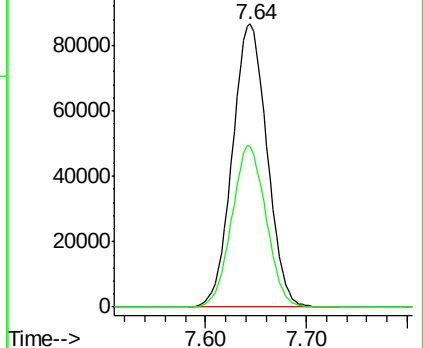
168 100

99 56.8 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: 15.80 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060401.D

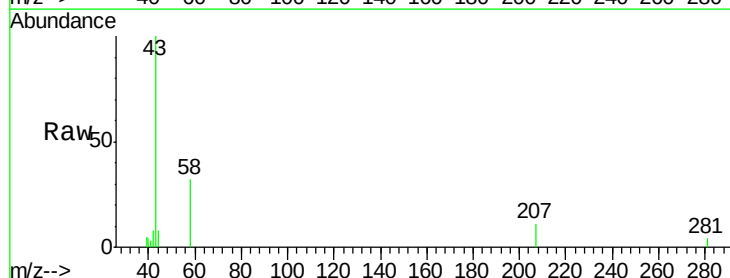
Acq: 9 Mar 2020 14:26

Tgt Ion: 43 Resp: 13490

Ion Ratio Lower Upper

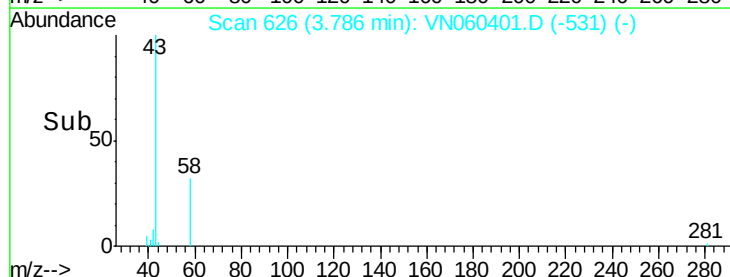
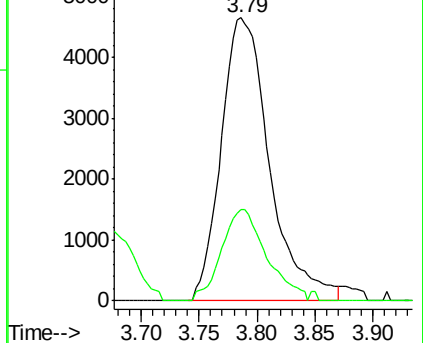
43 100

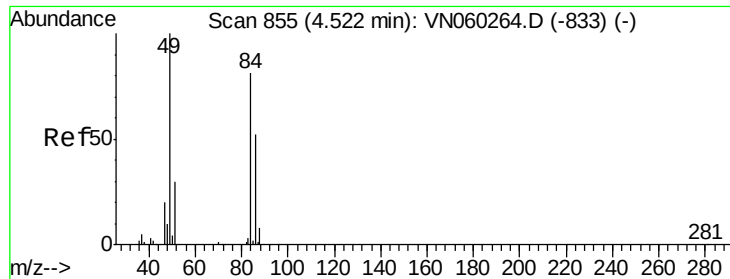
58 32.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

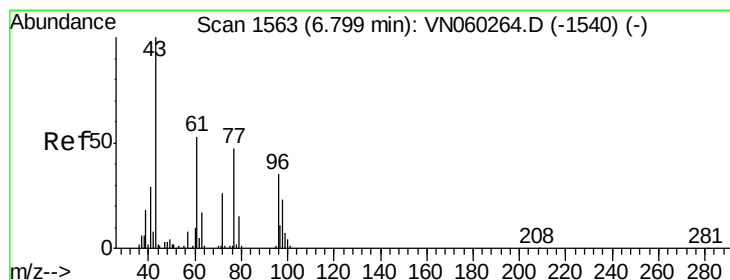
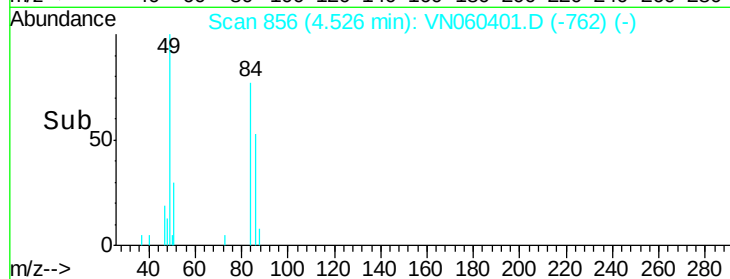
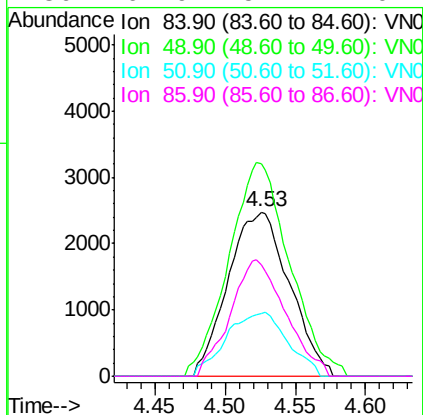
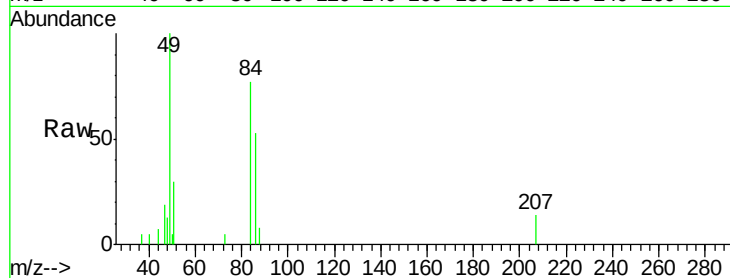




#20
Methylene Chloride
Concen: 3.20 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060401.D
Acq: 9 Mar 2020 14:26

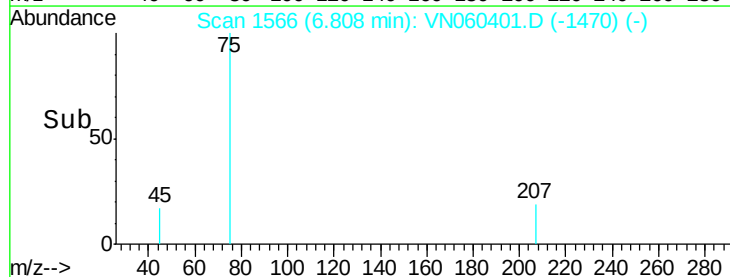
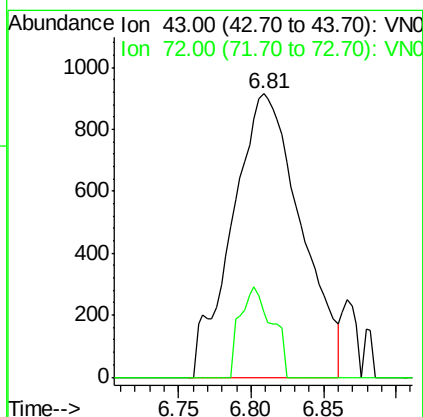
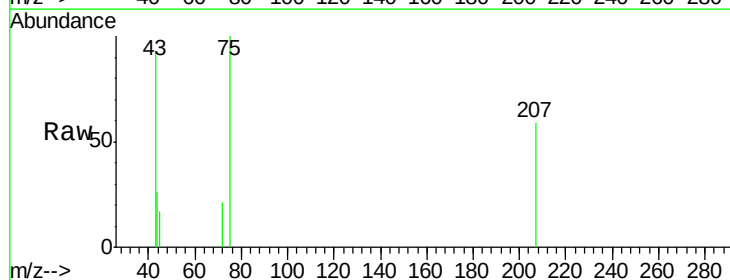
Instrument :
MSVOA_N
ClientSampled :
32235-38

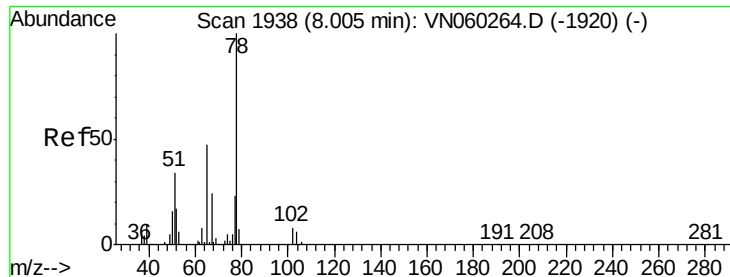
Tgt Ion:	84	Resp:	7515
Ion	Ratio	Lower	Upper
84	100		
49	122.6	99.3	148.9
51	38.3	30.1	45.1
86	67.9	51.1	76.7



#25
2-Butanone
Concen: 2.17 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN060401.D
Acq: 9 Mar 2020 14:26

Tgt Ion:	43	Resp:	2995
Ion	Ratio	Lower	Upper
43	100		
72	22.7	20.9	31.3

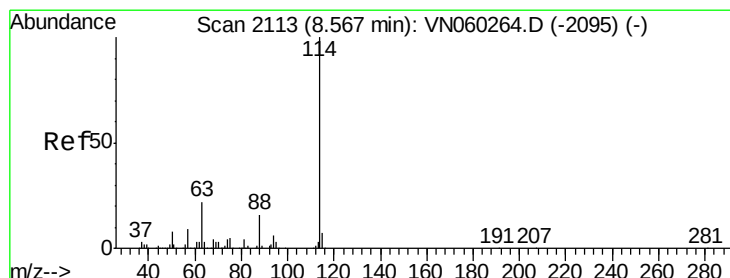
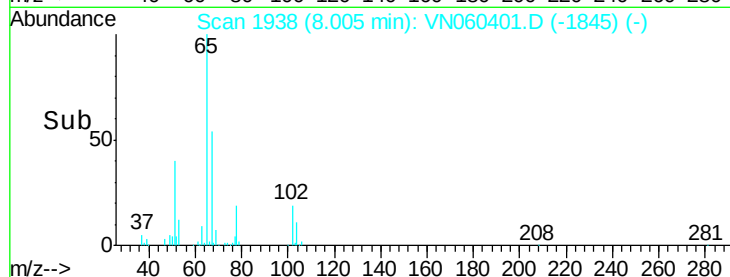
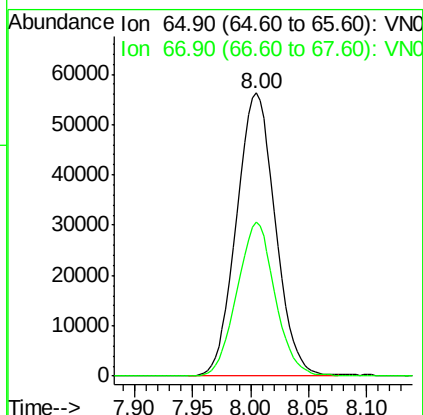
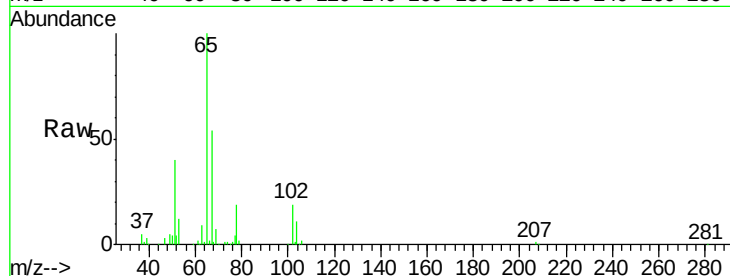




#33
 1,2-Dichloroethane-d4
 Concen: 49.66 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060401.D
 Acq: 9 Mar 2020 14:26

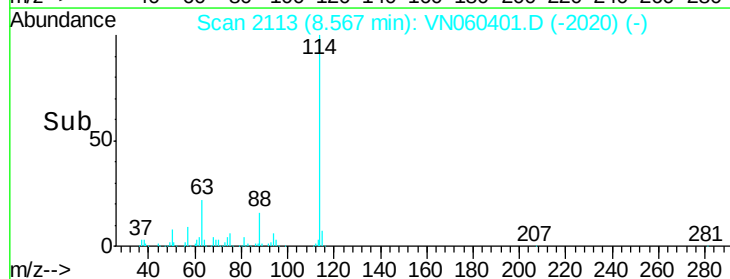
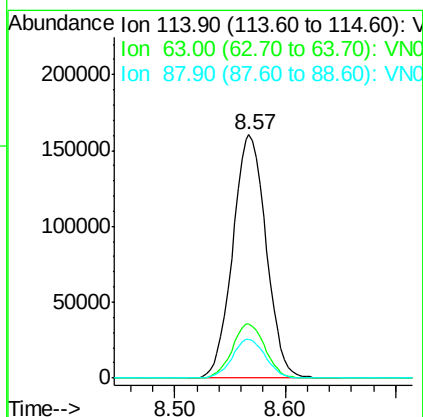
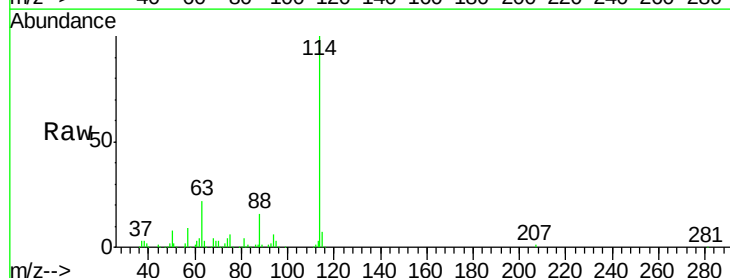
Instrument :
 MSVOA_N
 ClientSampleId :
 32235-38

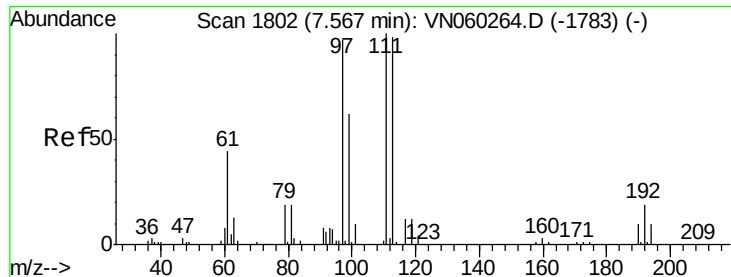
Tgt Ion: 65 Resp: 131293
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060401.D
 Acq: 9 Mar 2020 14:26

Tgt Ion: 114 Resp: 336346
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 16.1 0.0 31.6

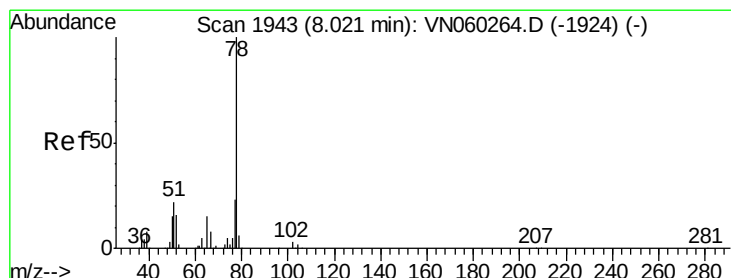
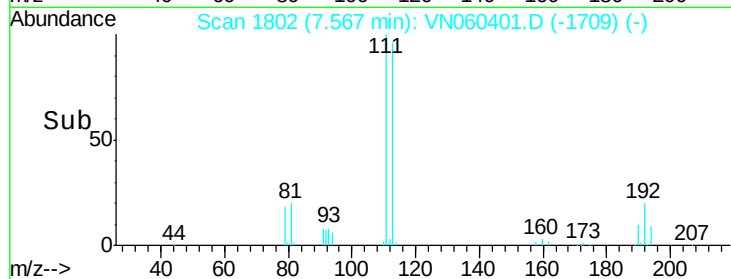
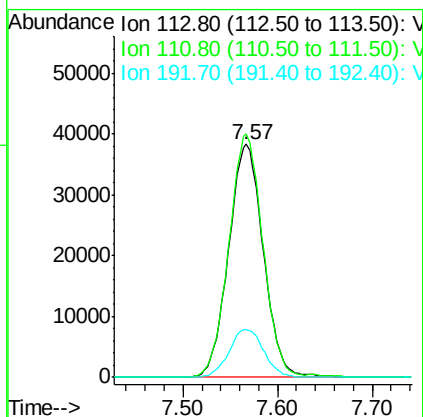
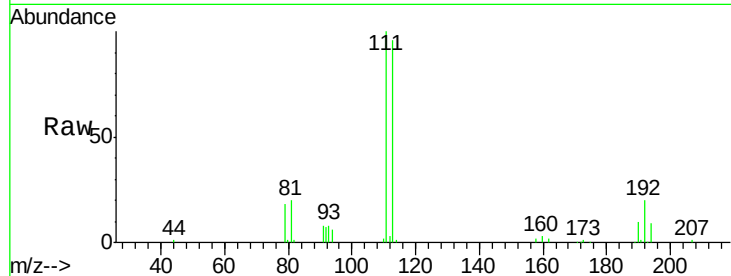




#35
 Dibromofluoromethane
 Concen: 62.56 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060401.D
 Acq: 9 Mar 2020 14:26

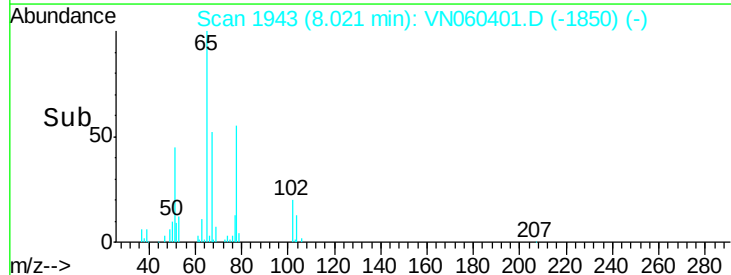
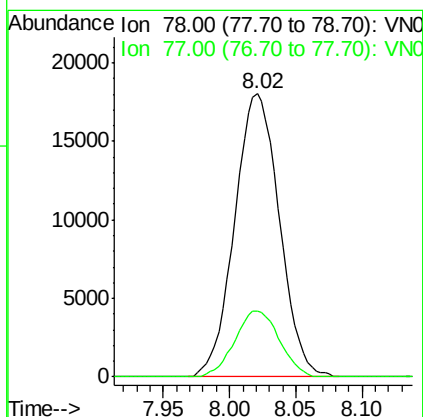
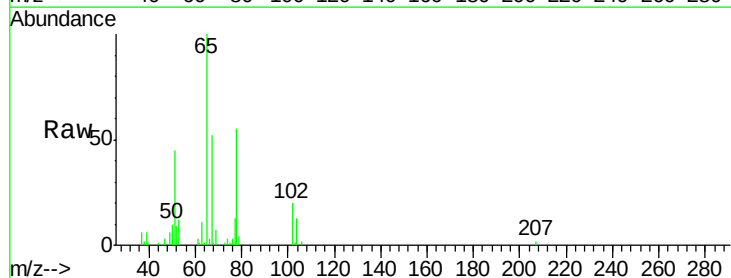
Instrument :
 MSVOA_N
 ClientSampled :
 32235-38

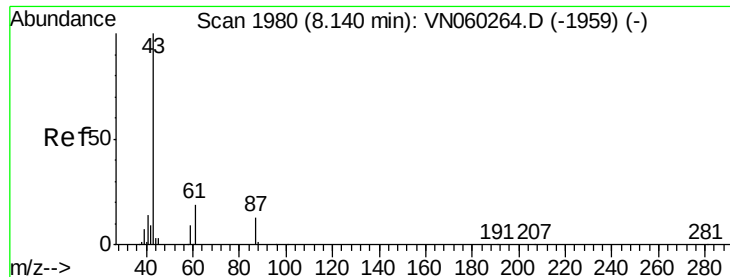
Tgt Ion:113 Resp: 97663
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 20.6 16.2 24.2



#40
 Benzene
 Concen: 4.55 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN060401.D
 Acq: 9 Mar 2020 14:26

Tgt Ion: 78 Resp: 42411
 Ion Ratio Lower Upper
 78 100
 77 23.3 18.8 28.2





#43

Isopropyl Acetate

Concen: 10.82 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060401.D

Acq: 9 Mar 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

32235-38

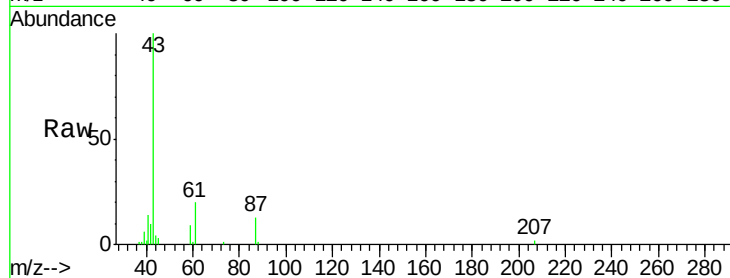
Tgt Ion: 43 Resp: 57475

Ion Ratio Lower Upper

43 100

61 18.9 20.9 31.3#

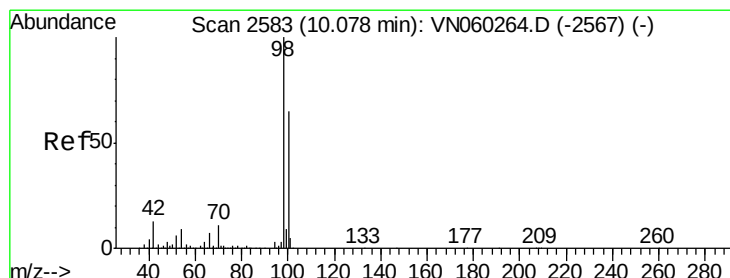
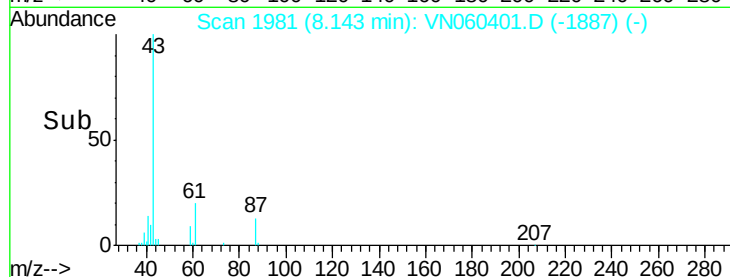
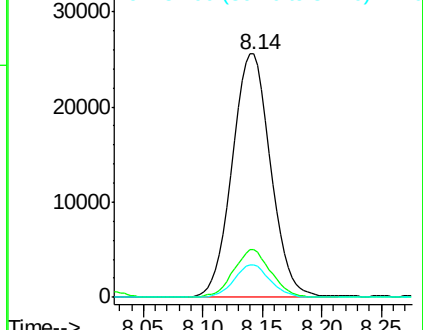
87 12.4 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060401.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060401.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060401.D (-1959) (-)



#50

Toluene-d8

Concen: 52.97 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060401.D

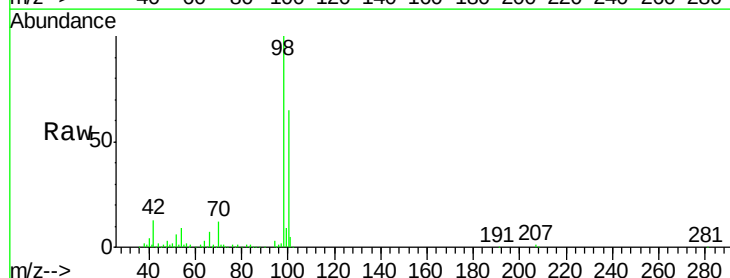
Acq: 9 Mar 2020 14:26

Tgt Ion: 98 Resp: 418514

Ion Ratio Lower Upper

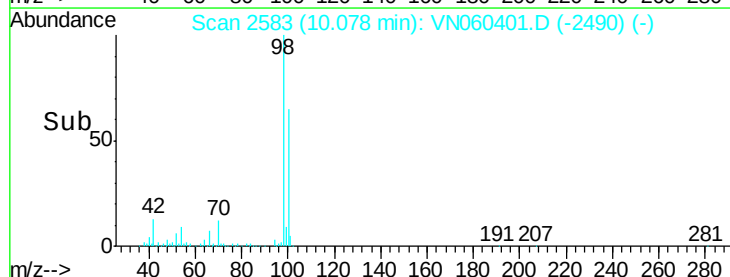
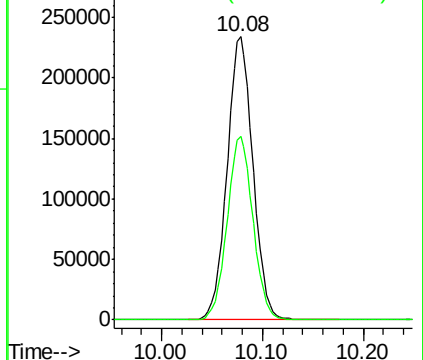
98 100

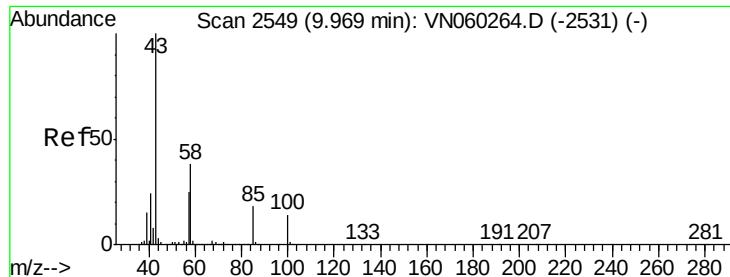
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060401.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060401.D (-2567) (-)





#51

4-Methyl-2-Pentanone

Concen: 2.05 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060401.D

Acq: 9 Mar 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

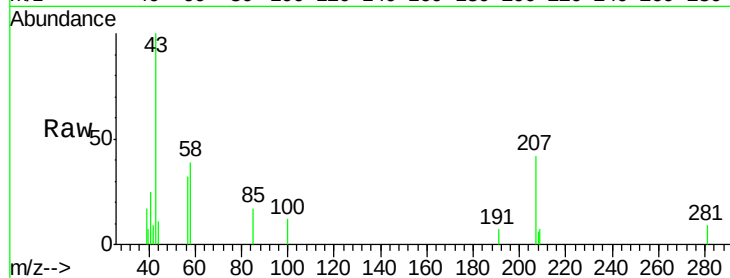
32235-38

Tgt Ion: 43 Resp: 6173

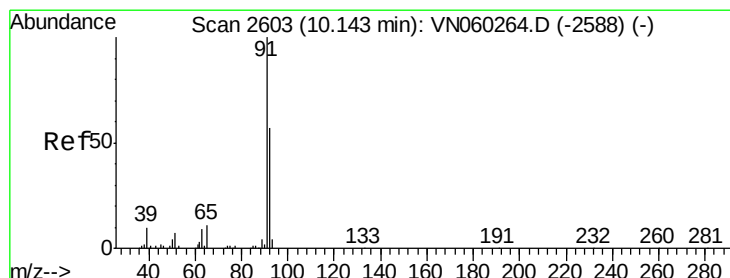
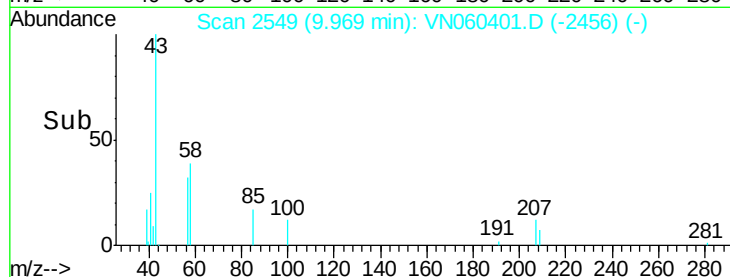
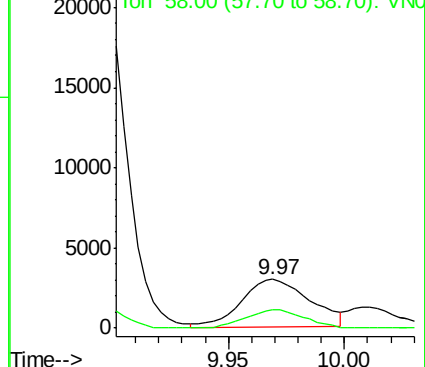
Ion Ratio Lower Upper

43 100

58 32.7 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060401.D (-2456) (-)



#52

Toluene

Concen: 3.57 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060401.D

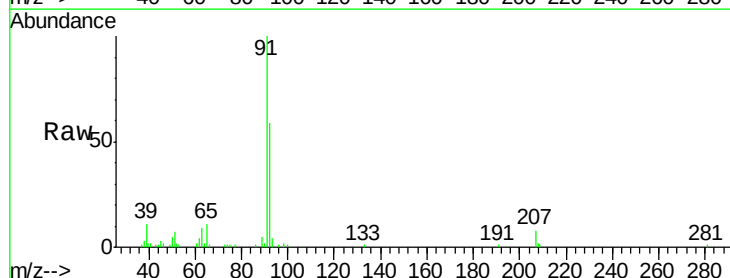
Acq: 9 Mar 2020 14:26

Tgt Ion: 92 Resp: 20932

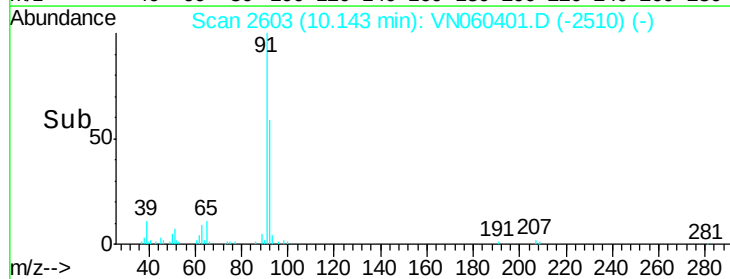
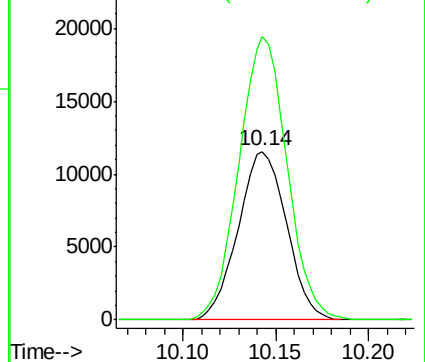
Ion Ratio Lower Upper

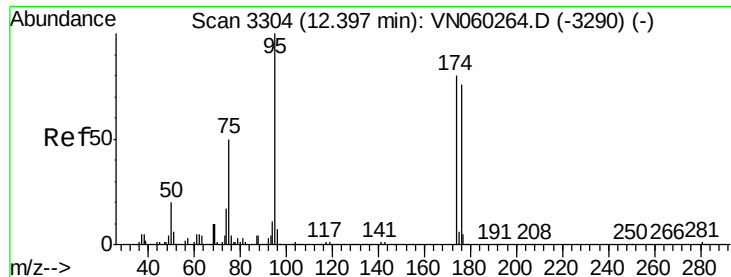
92 100

91 167.4 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060401.D (-2510) (-)





#62

4-Bromofluorobenzene

Concen: 52.59 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060401.D

Acq: 9 Mar 2020 14:26

Instrument :

MSVOA_N

ClientSampled :

32235-38

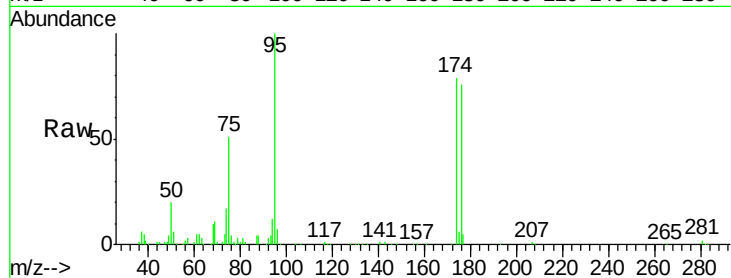
Tgt Ion: 95 Resp: 157524

Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.2

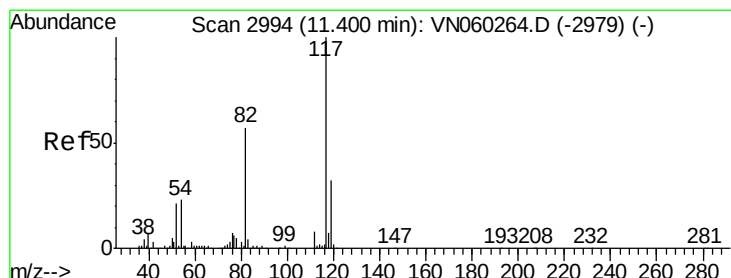
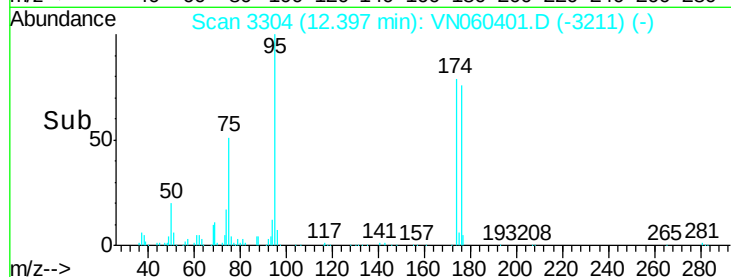
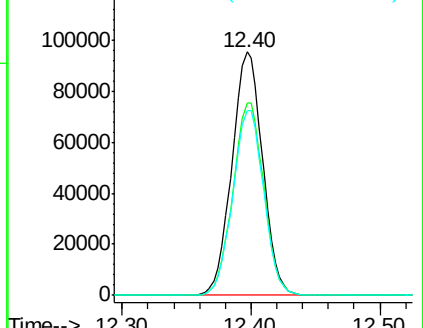
176 76.8 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060401.D

Acq: 9 Mar 2020 14:26

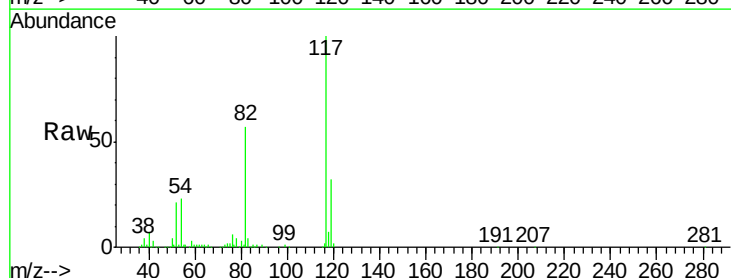
Tgt Ion: 117 Resp: 319416

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.6

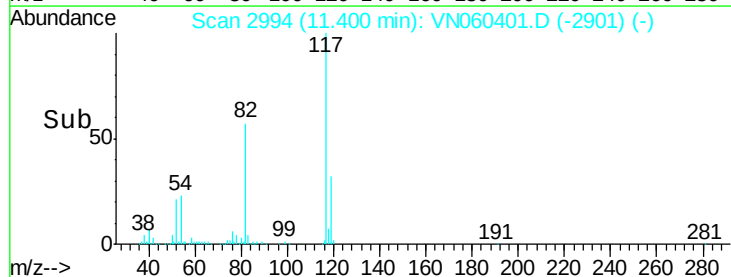
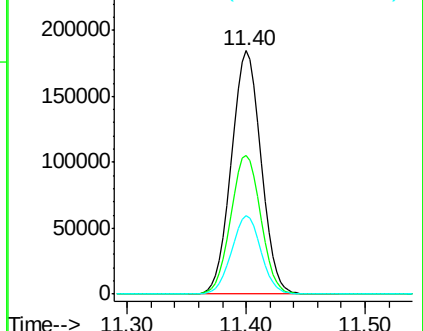
119 32.0 25.8 38.8

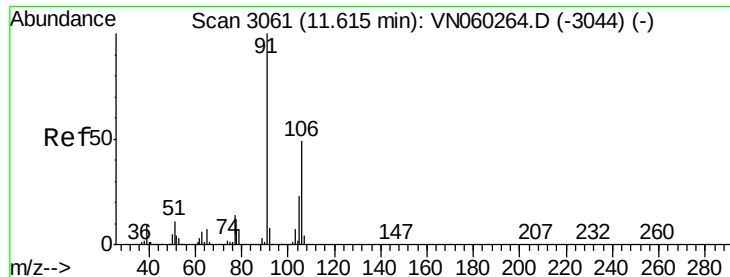


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#68

m/p-Xylenes

Concen: 1.15 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060401.D

Acq: 9 Mar 2020 14:26

Instrument :

MSVOA_N

ClientSampled :

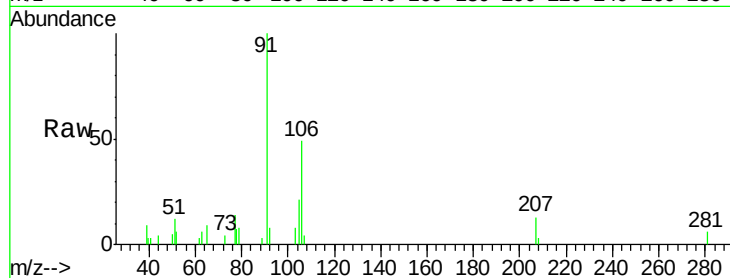
32235-38

Tgt Ion:106 Resp: 5097

Ion Ratio Lower Upper

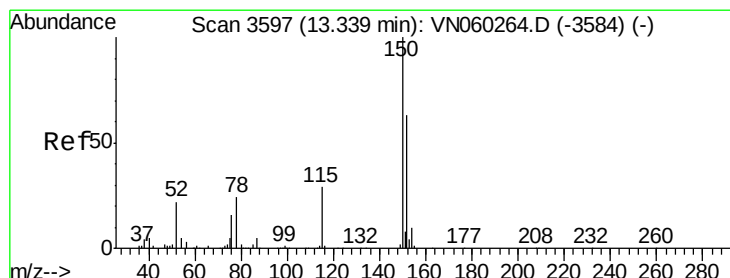
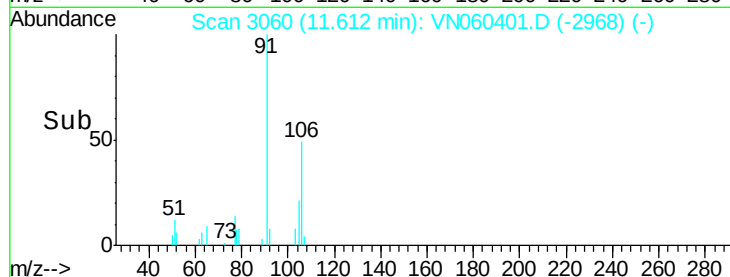
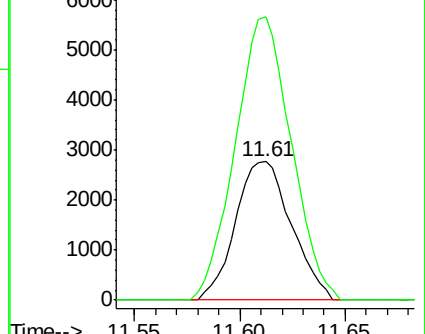
106 100

91 204.5 164.5 246.7



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: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060401.D

Acq: 9 Mar 2020 14:26

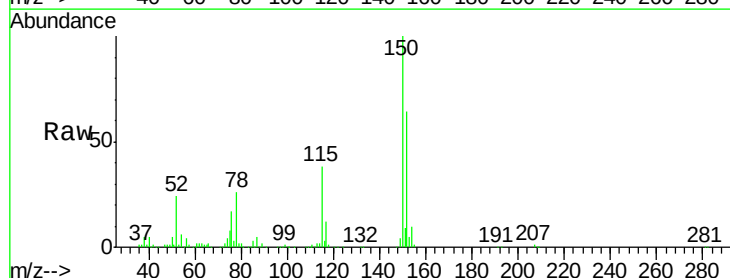
Tgt Ion:152 Resp: 152543

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

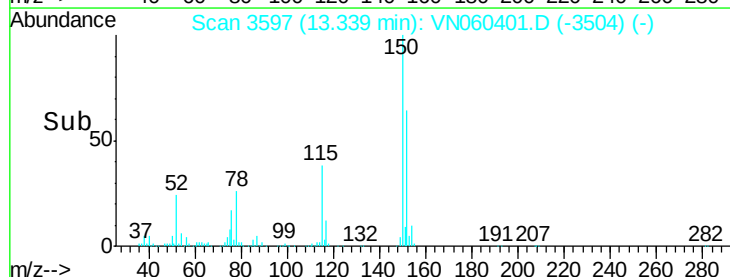
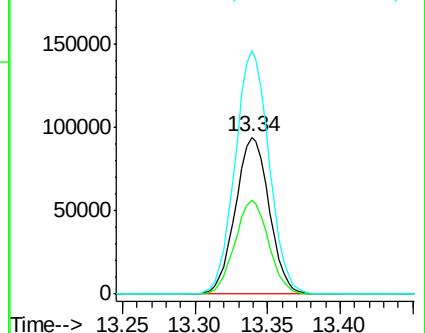
150 156.1 0.0 349.6

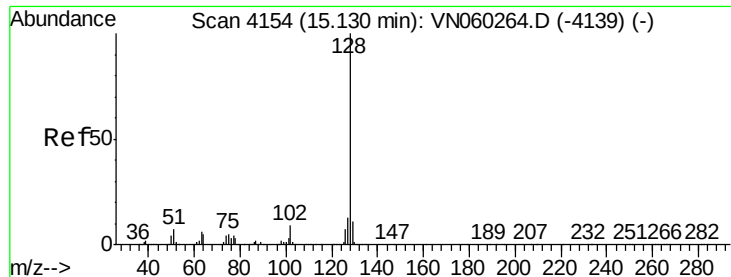


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 6.03 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060401.D

Acq: 9 Mar 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

32235-38

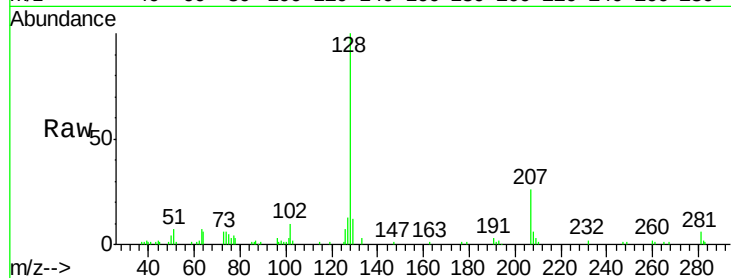
Tgt Ion:128 Resp: 57003

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

