

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103019\
 Data File : VN059020.D
 Acq On : 30 Oct 2019 11:16
 Operator : JC/SP
 Sample : K5148-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-102919

Quant Time: Oct 31 04:58:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

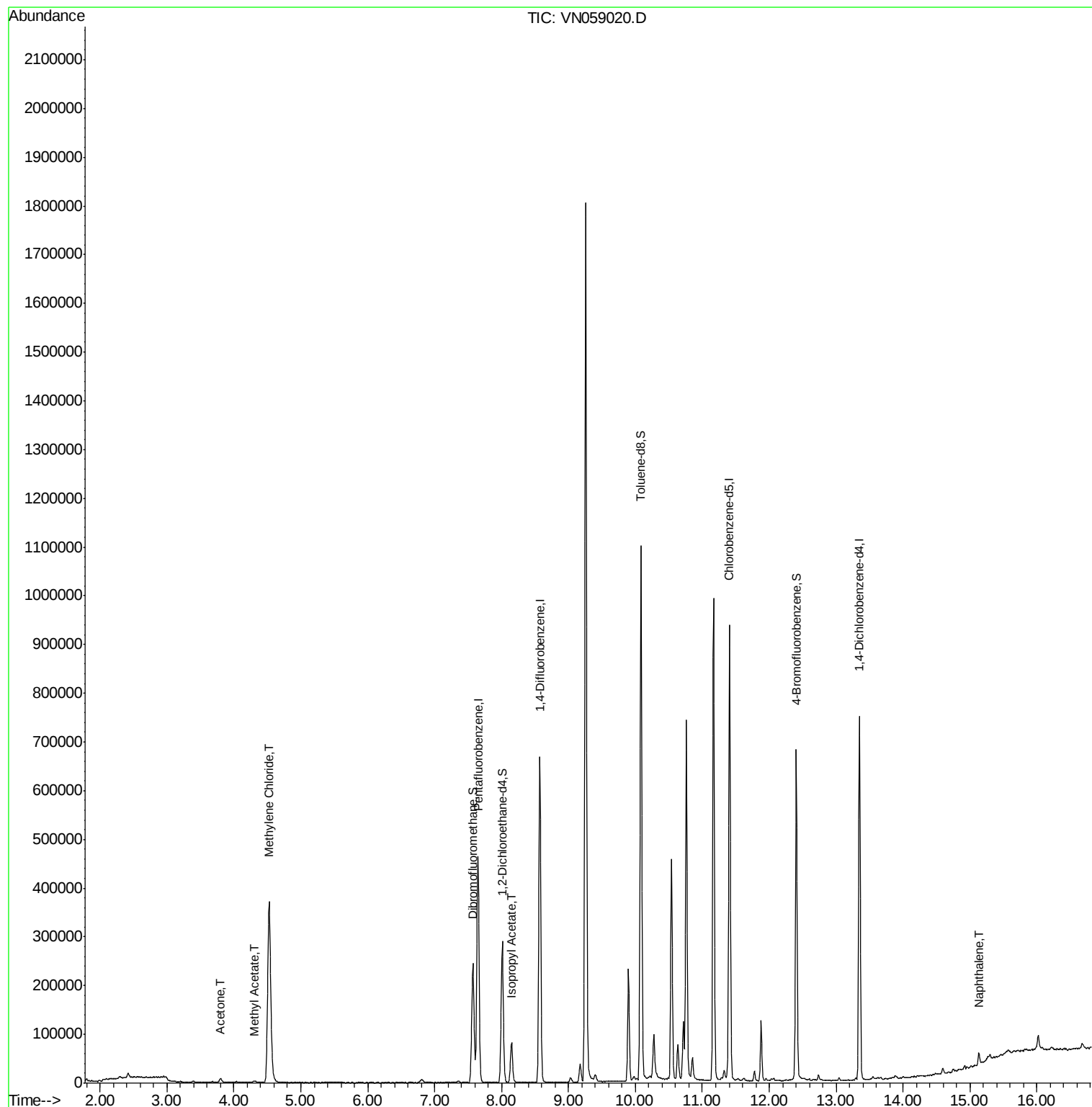
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	374819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	579937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	197979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	253244	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
35) Dibromofluoromethane	7.57	113	190923	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	10.08	98	740086	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	237974	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.56%	
Target Compounds						
16) Acetone	3.80	43	14737	5.425	ug/l	95
18) Methyl Acetate	4.31	43	6305	1.021	ug/l	95
20) Methylene Chloride	4.53	84	286067	61.674	ug/l	96
43) Isopropyl Acetate	8.15	43	100078	9.646	ug/l #	91
95) Naphthalene	15.13	128	17941	3.737	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059020.D

Acq: 30 Oct 2019 11:16

Instrument :

MSVOA_N

ClientSampleId :

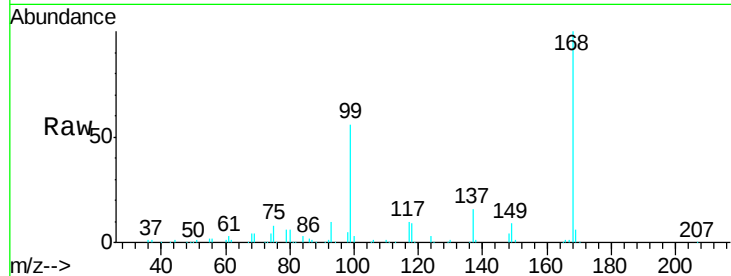
OR-03-102919

Tgt Ion:168 Resp: 374819

Ion Ratio Lower Upper

168 100

99 56.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

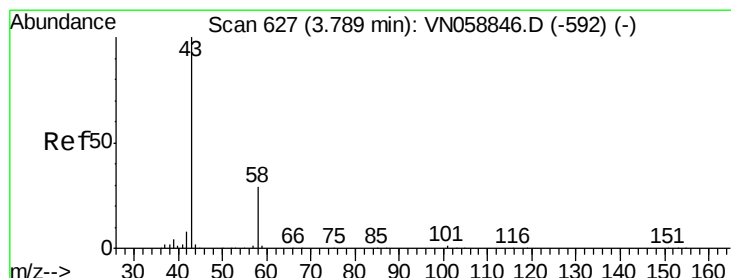
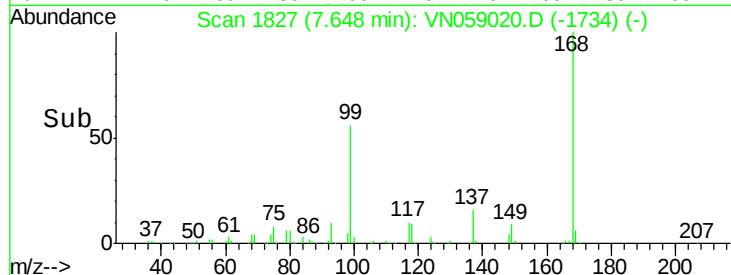
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.425 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059020.D

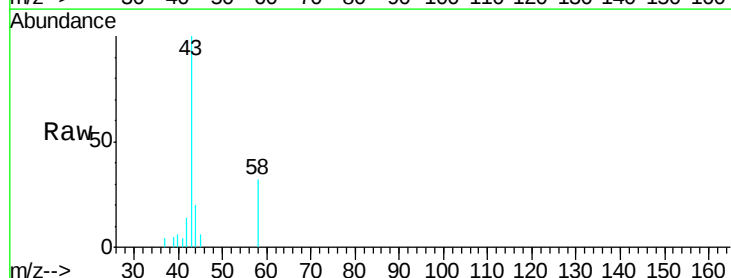
Acq: 30 Oct 2019 11:16

Tgt Ion: 43 Resp: 14737

Ion Ratio Lower Upper

43 100

58 31.7 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

5000

4000

3000

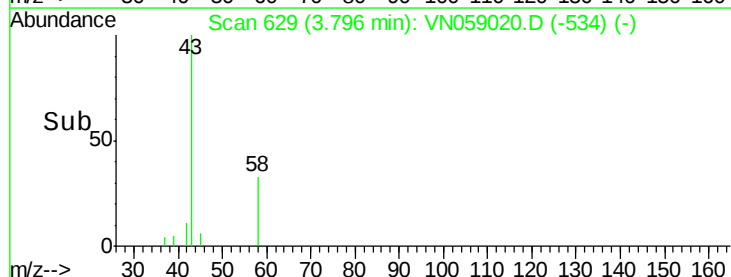
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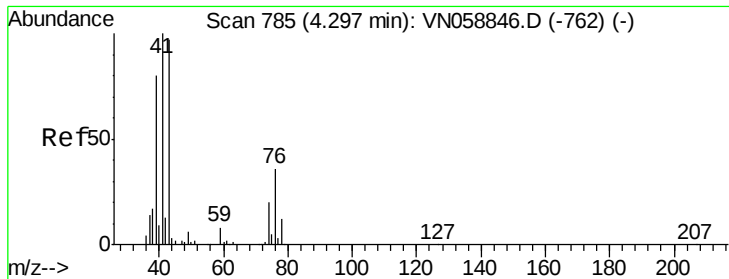
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0

3.70 3.75 3.80 3.85 3.90

Time-->

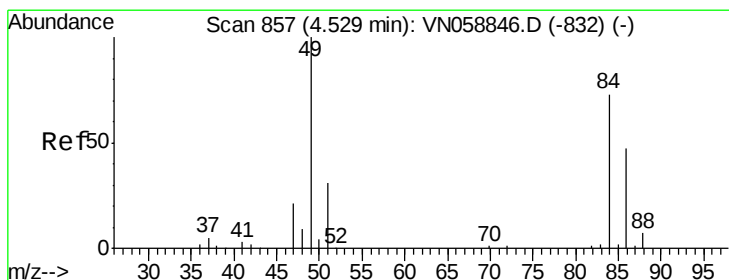
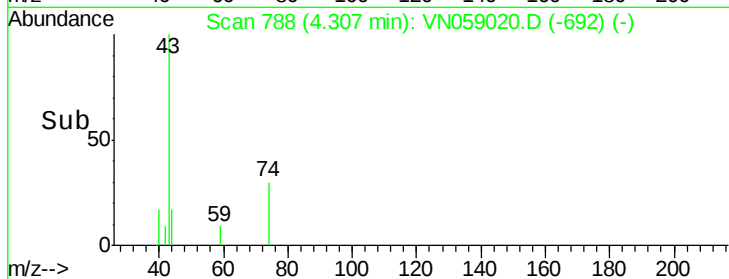
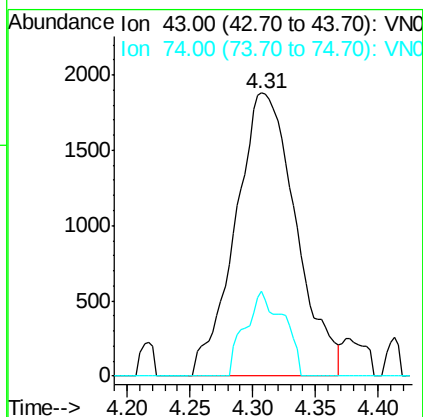
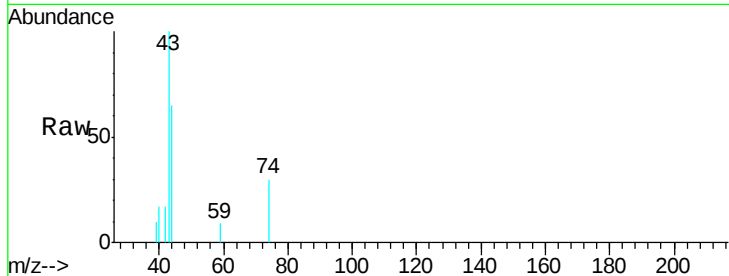




#18
Methyl Acetate
Concen: 1.021 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN059020.D
Acq: 30 Oct 2019 11:16

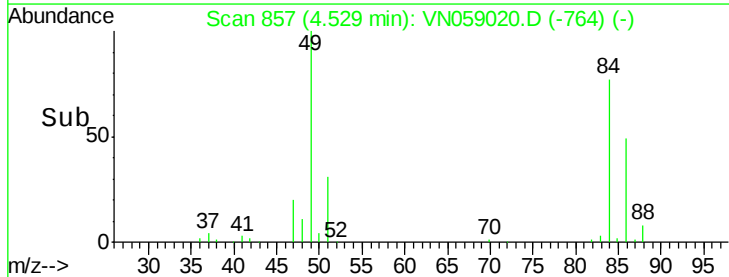
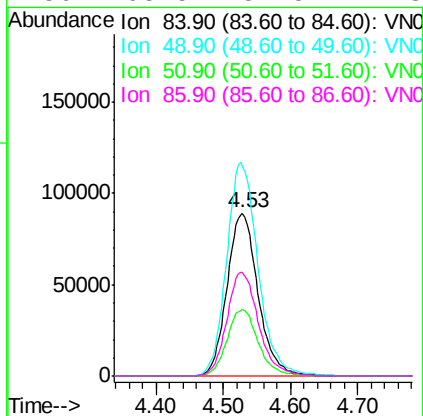
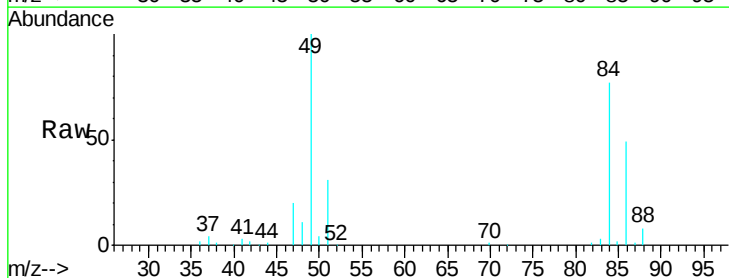
Instrument :
MSVOA_N
ClientSampleId :
OR-03-102919

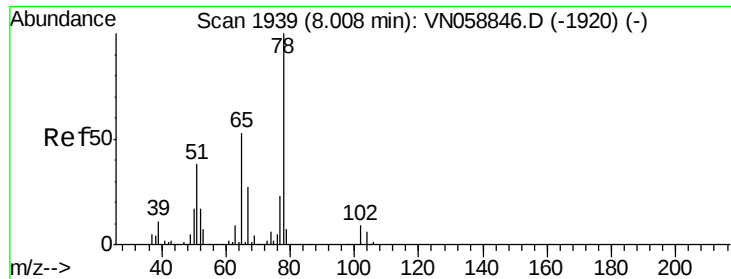
Tgt Ion: 43 Resp: 6305
Ion Ratio Lower Upper
43 100
74 19.2 17.1 25.7



#20
Methylene Chloride
Concen: 61.674 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN059020.D
Acq: 30 Oct 2019 11:16

Tgt Ion: 84 Resp: 286067
Ion Ratio Lower Upper
84 100
49 129.5 109.6 164.4
51 40.7 33.8 50.6
86 63.5 51.5 77.3

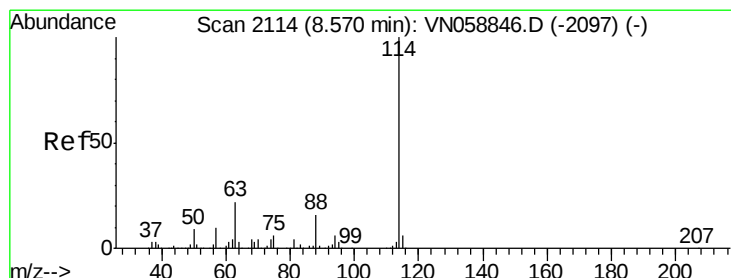
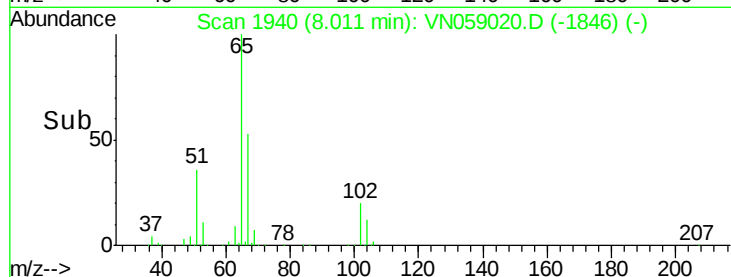
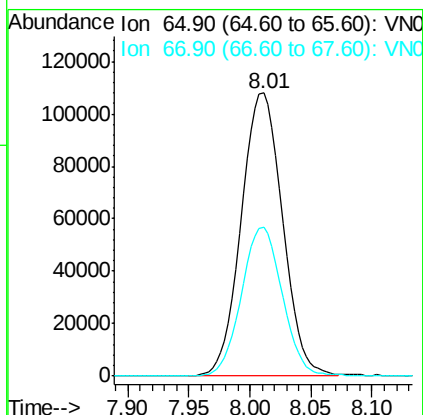
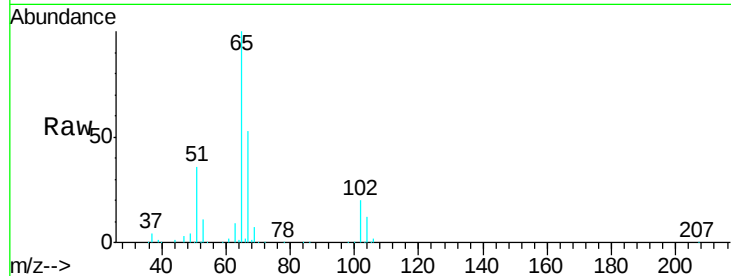




#33
 1,2-Dichloroethane-d4
 Concen: 46.067 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN059020.D
 Acq: 30 Oct 2019 11:16

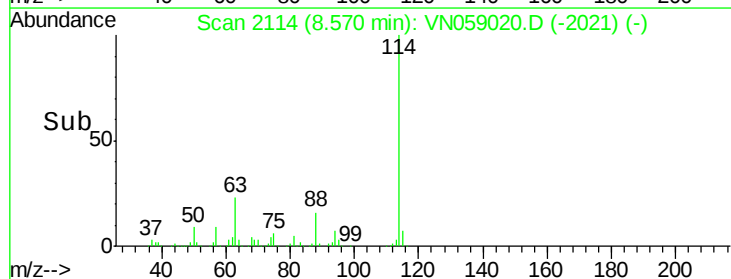
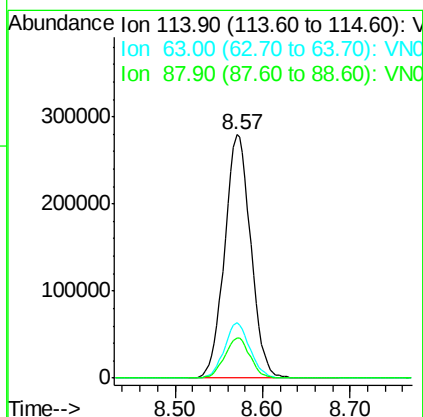
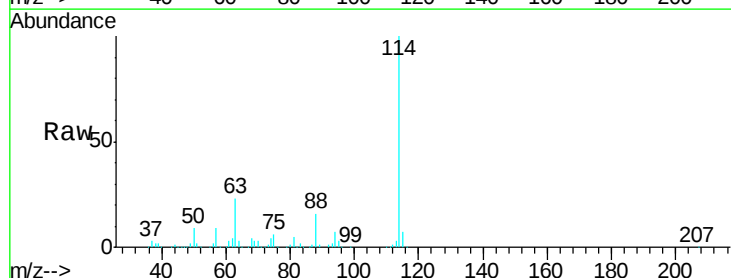
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-102919

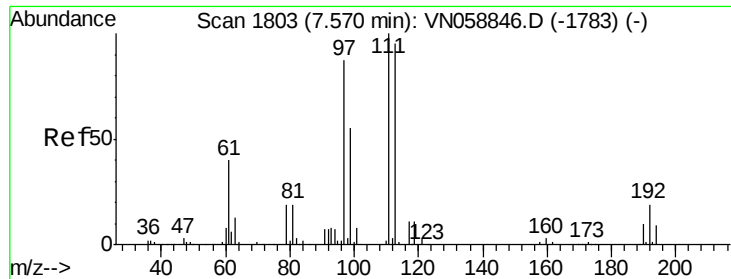
Tgt Ion: 65 Resp: 253244
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059020.D
 Acq: 30 Oct 2019 11:16

Tgt Ion: 114 Resp: 579937
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.4
 88 16.3 0.0 31.4

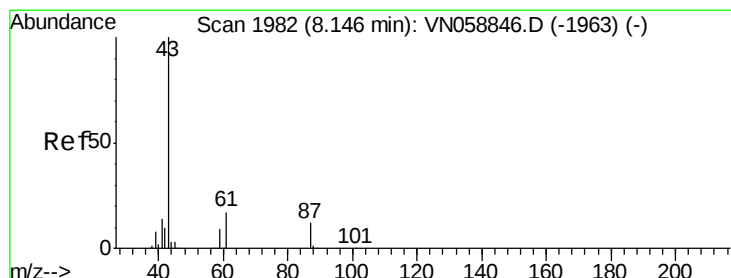
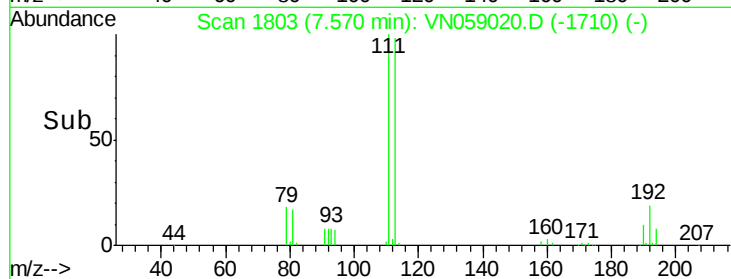
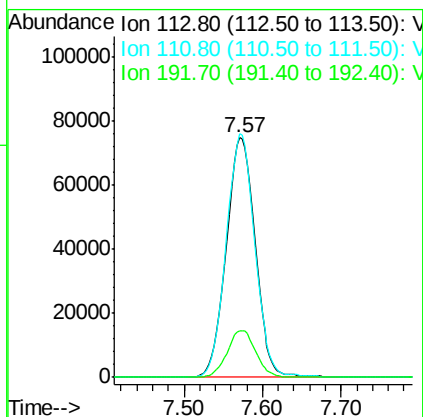
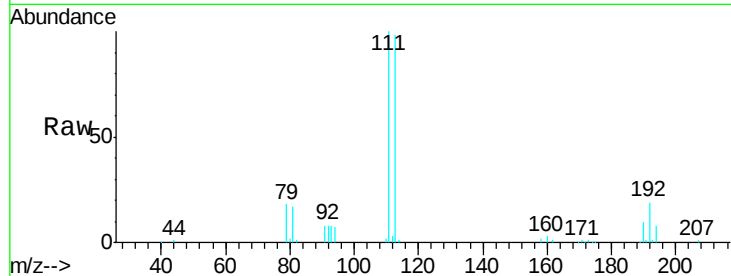




#35
 Dibromofluoromethane
 Concen: 50.072 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059020.D
 Acq: 30 Oct 2019 11:16

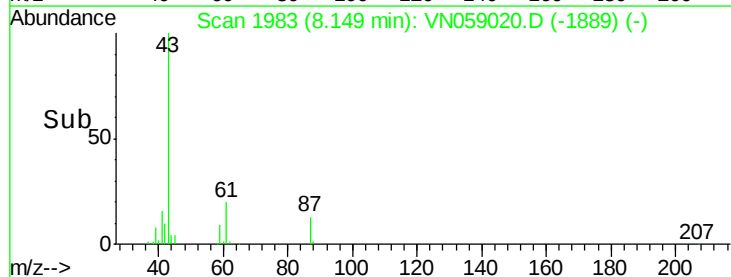
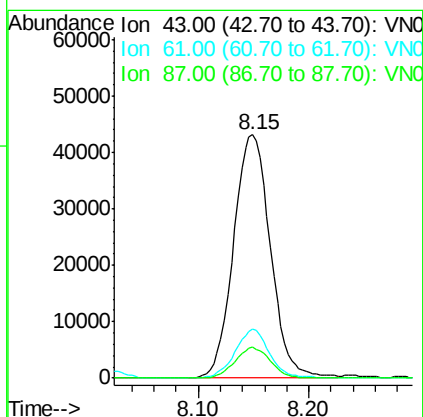
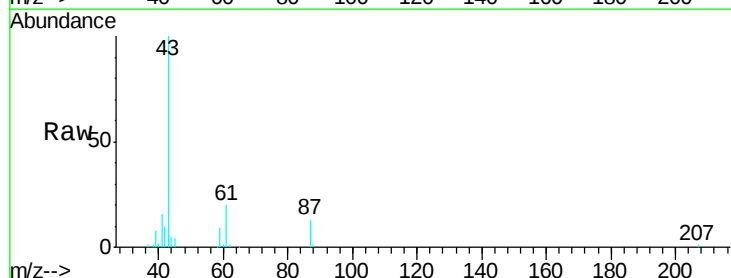
Instrument :
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 ClientSampleId :
 OR-03-102919

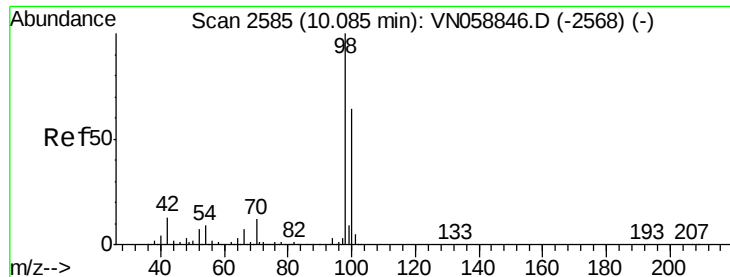
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.0	123.0
192	19.3	15.0	22.6



#43
 Isopropyl Acetate
 Concen: 9.646 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN059020.D
 Acq: 30 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.7	20.2	30.2#
87	12.0	9.5	14.3





#50

Toluene-d8

Concen: 50.001 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN059020.D

Acq: 30 Oct 2019 11:16

Instrument :

MSVOA_N

ClientSampleId :

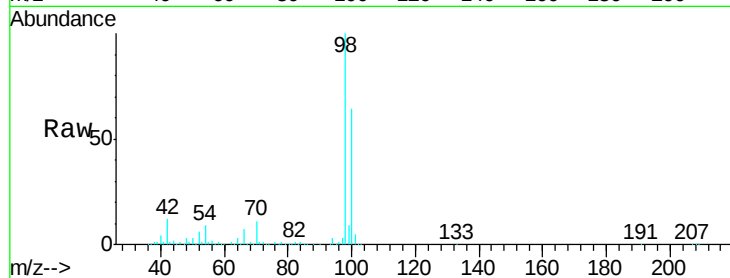
OR-03-102919

Tgt Ion: 98 Resp: 740086

Ion Ratio Lower Upper

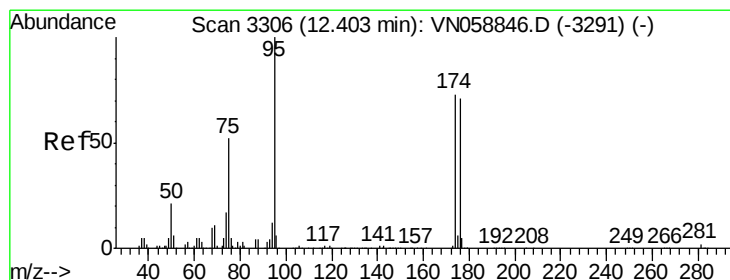
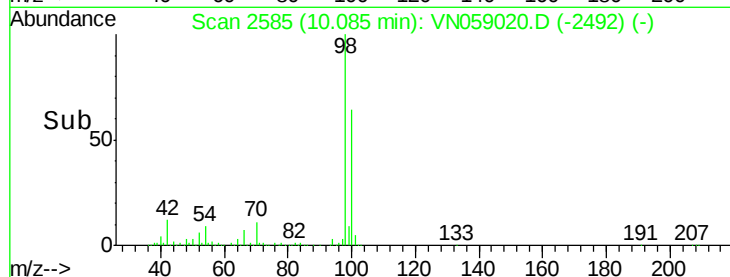
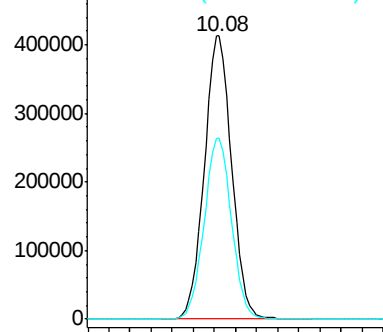
98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 43.782 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059020.D

Acq: 30 Oct 2019 11:16

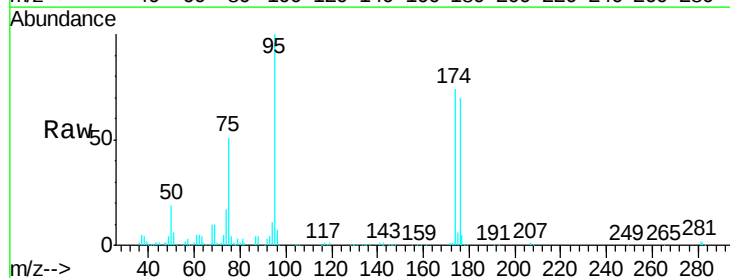
Tgt Ion: 95 Resp: 237974

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.6

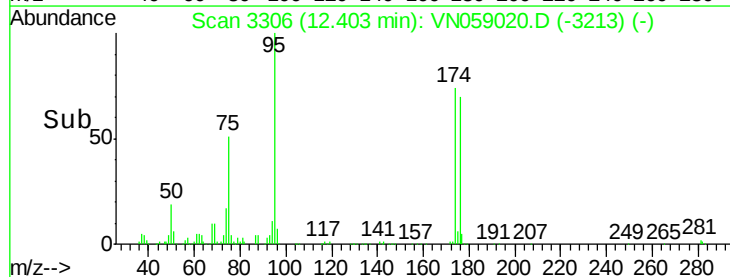
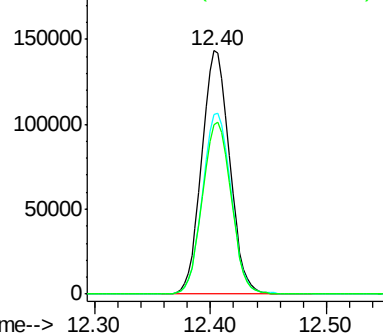
176 72.9 0.0 143.2

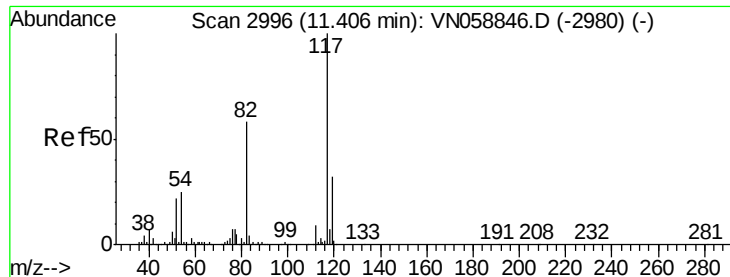


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

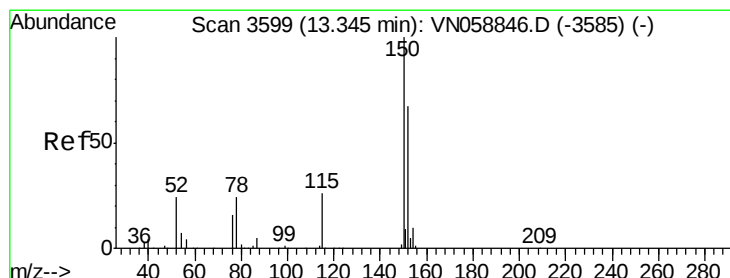
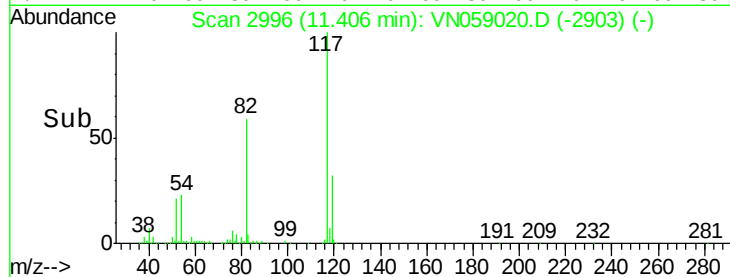
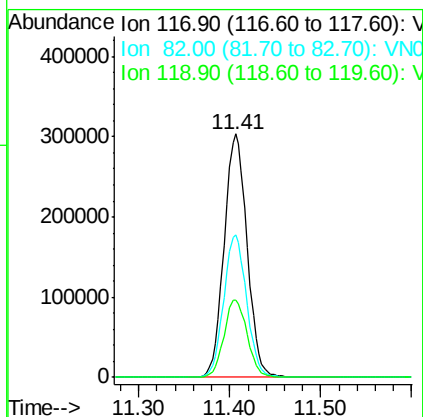
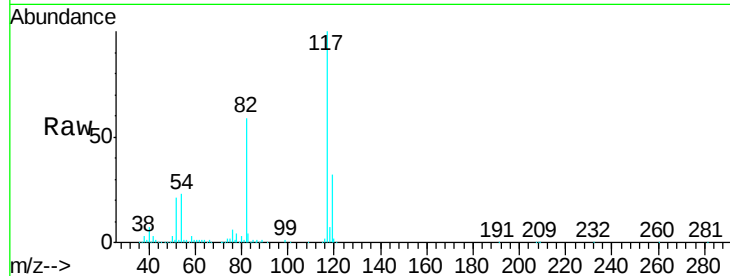




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059020.D
Acq: 30 Oct 2019 11:16

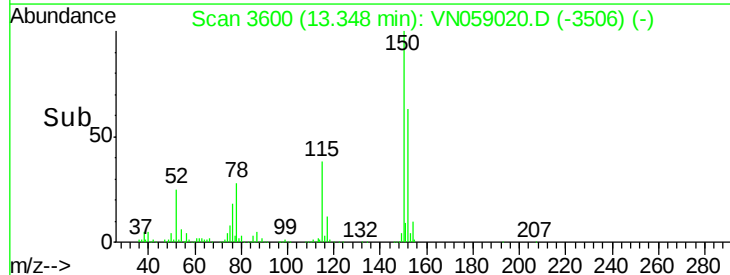
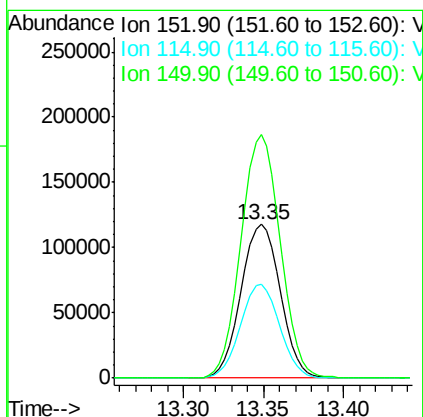
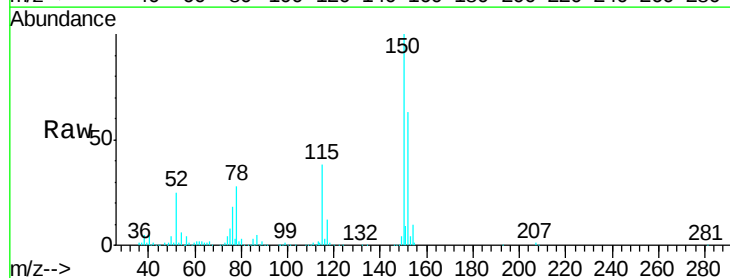
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OR-03-102919

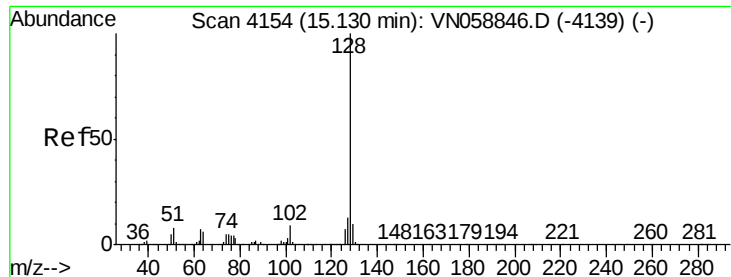
Tgt Ion:117 Resp: 532152
Ion Ratio Lower Upper
117 100
82 58.6 46.6 69.8
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059020.D
Acq: 30 Oct 2019 11:16

Tgt Ion:152 Resp: 197979
Ion Ratio Lower Upper
152 100
115 60.7 30.5 91.5
150 158.2 0.0 344.4





#95
 Naphthalene
 Concen: 3.737 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN059020.D
 Acq: 30 Oct 2019 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-102919

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.2
129	10.9	8.4	12.6

