

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059039.D
 Acq On : 31 Oct 2019 15:01
 Operator : JC/SP
 Sample : K5138-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-08-103019

Quant Time: Nov 01 02:41:25 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

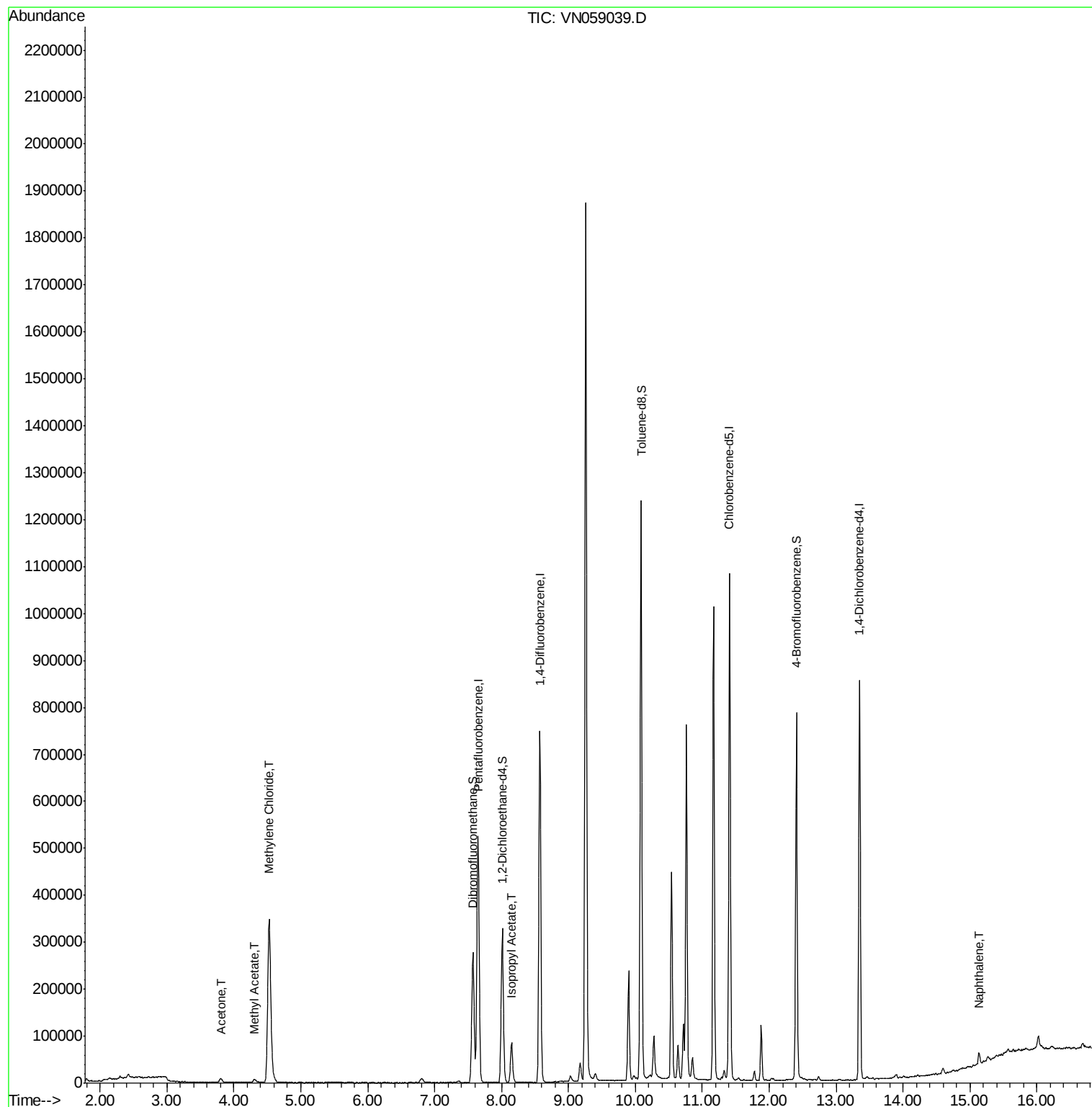
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	416604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	658154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	610861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	224195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	287066	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	7.57	113	213182	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	10.09	98	840447	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.41	95	271781	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
Target Compounds						
16) Acetone	3.80	43	16676	5.523	ug/l	96
18) Methyl Acetate	4.30	43	12345	1.798	ug/l	93
20) Methylene Chloride	4.53	84	274457	53.236	ug/l	98
43) Isopropyl Acetate	8.15	43	100947	8.573	ug/l #	92
95) Naphthalene	15.13	128	20070	3.719	ug/l	98

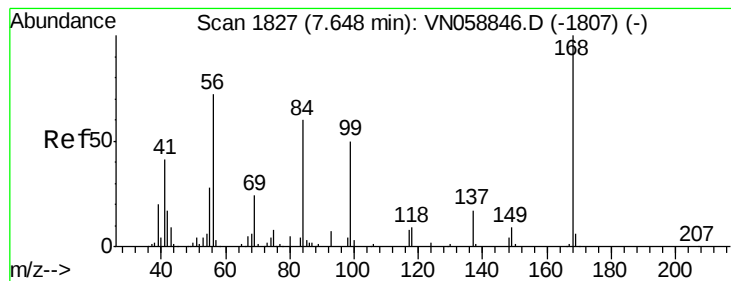
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059039.D

Acq: 31 Oct 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

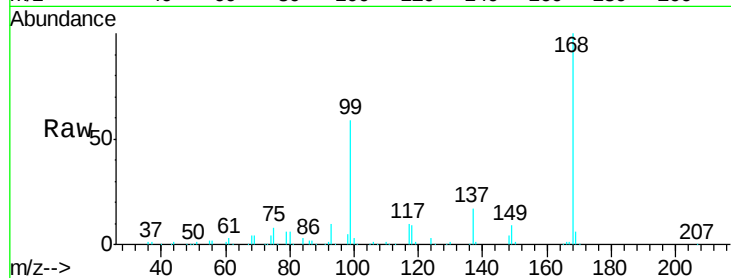
AU-08-103019

Tgt Ion:168 Resp: 416604

Ion Ratio Lower Upper

168 100

99 58.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058846.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058846.D (-1807) (-)

7.65

150000

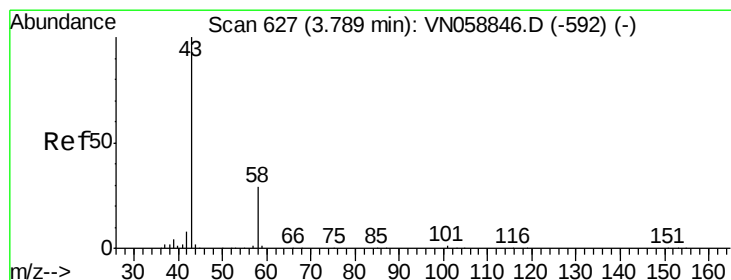
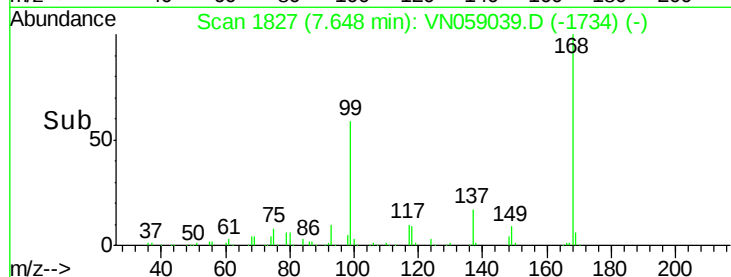
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.523 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059039.D

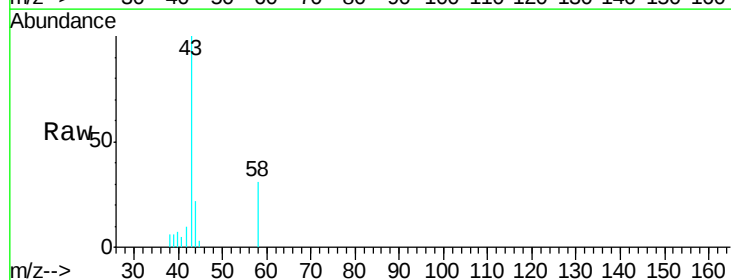
Acq: 31 Oct 2019 15:01

Tgt Ion: 43 Resp: 16676

Ion Ratio Lower Upper

43 100

58 30.8 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-592) (-)

3.80

6000

5000

4000

3000

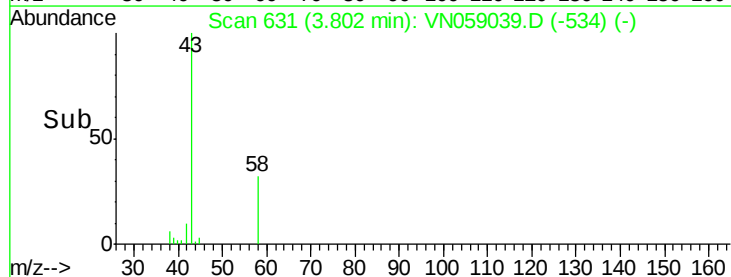
2000

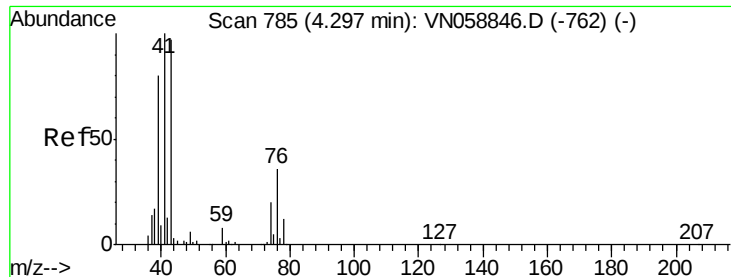
1000

0

3.70 3.80 3.90

Time-->

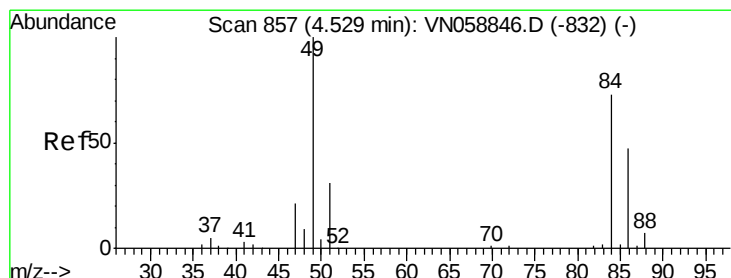
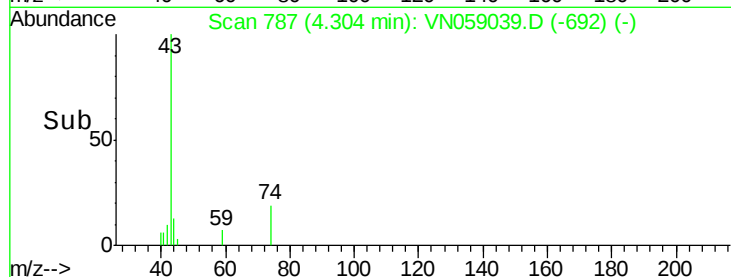
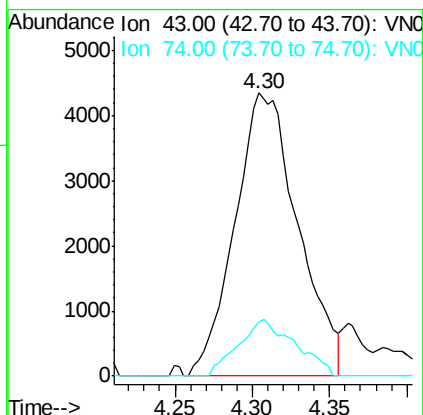
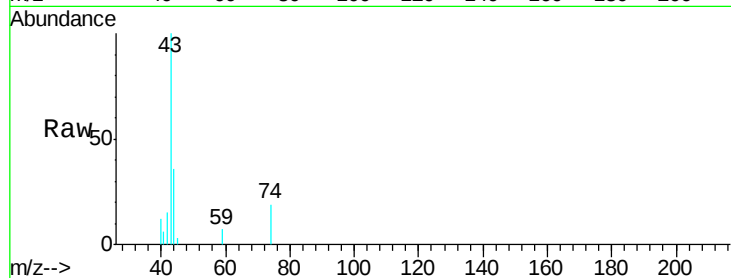




#18
Methyl Acetate
Concen: 1.798 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059039.D
Acq: 31 Oct 2019 15:01

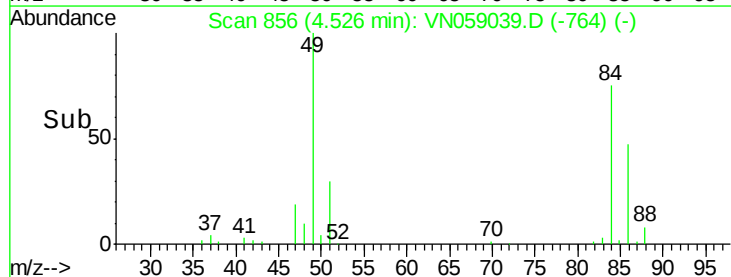
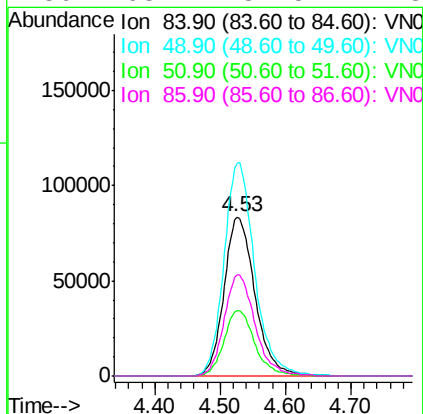
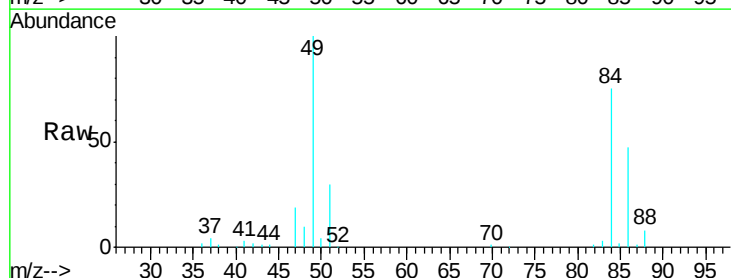
Instrument :
MSVOA_N
ClientSampleId :
AU-08-103019

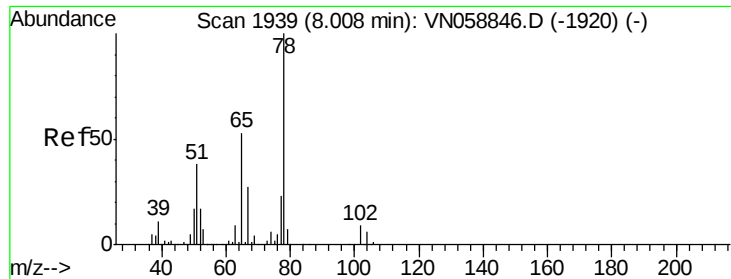
Tgt Ion: 43 Resp: 12345
Ion Ratio Lower Upper
43 100
74 18.0 17.1 25.7



#20
Methylene Chloride
Concen: 53.236 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN059039.D
Acq: 31 Oct 2019 15:01

Tgt Ion: 84 Resp: 274457
Ion Ratio Lower Upper
84 100
49 133.9 109.6 164.4
51 40.8 33.8 50.6
86 63.4 51.5 77.3

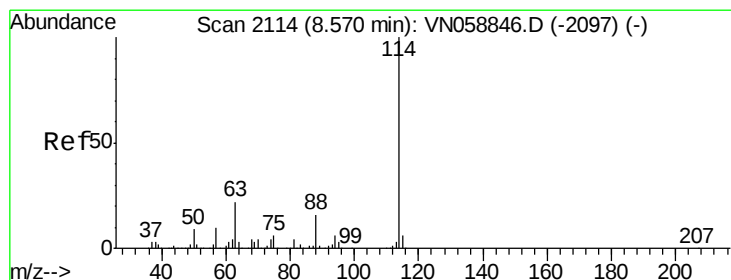
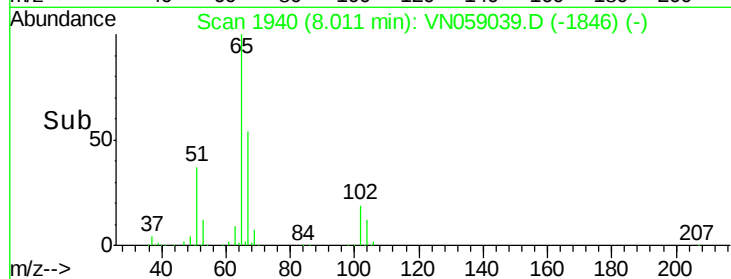
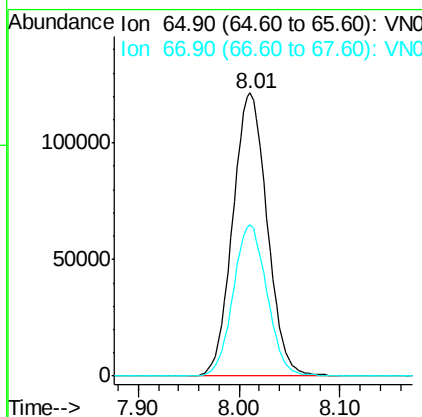
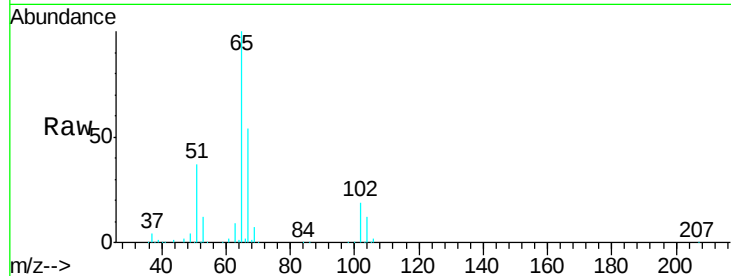




#33
 1,2-Dichloroethane-d4
 Concen: 46.982 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN059039.D
 Acq: 31 Oct 2019 15:01

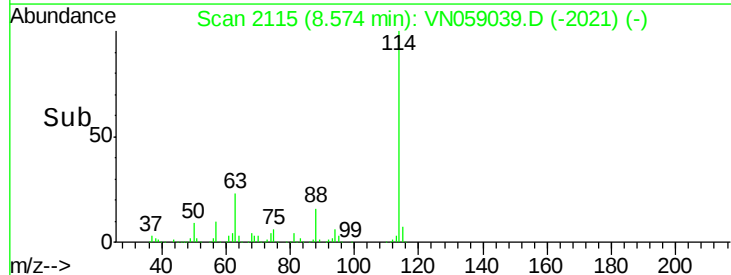
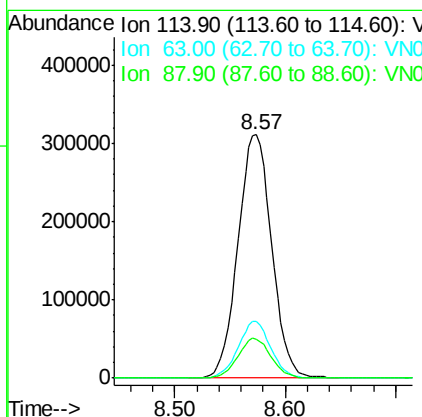
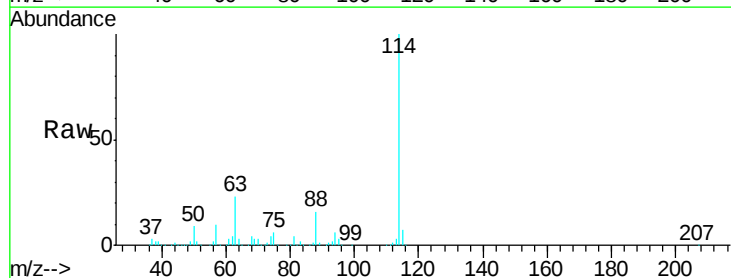
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-08-103019

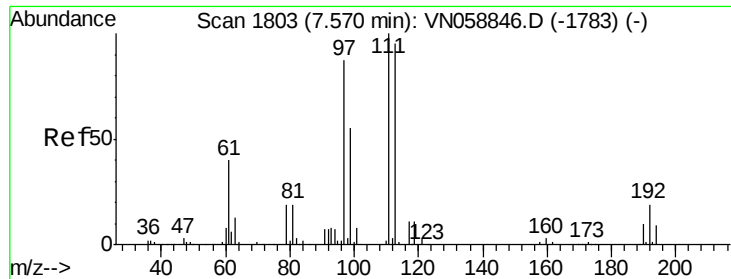
Tgt Ion: 65 Resp: 287066
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN059039.D
 Acq: 31 Oct 2019 15:01

Tgt Ion: 114 Resp: 658154
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.4
 88 16.0 0.0 31.4

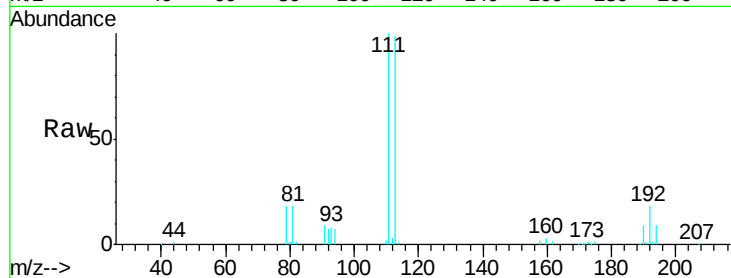




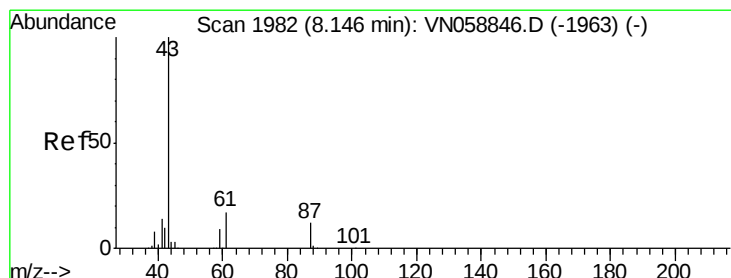
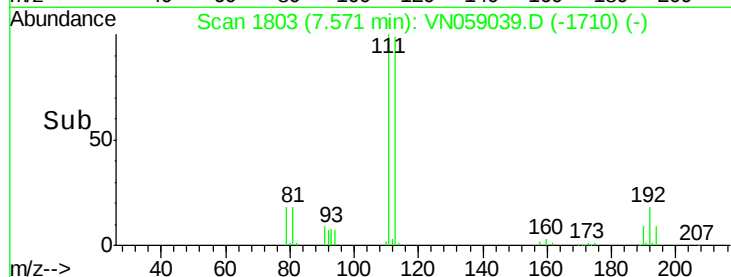
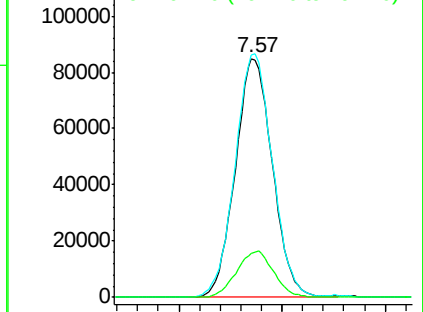
#35
Dibromofluoromethane
Concen: 49.266 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059039.D
Acq: 31 Oct 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
AU-08-103019

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	19.3	15.0	22.6

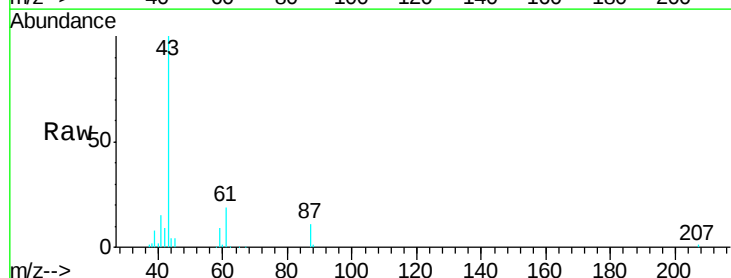


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

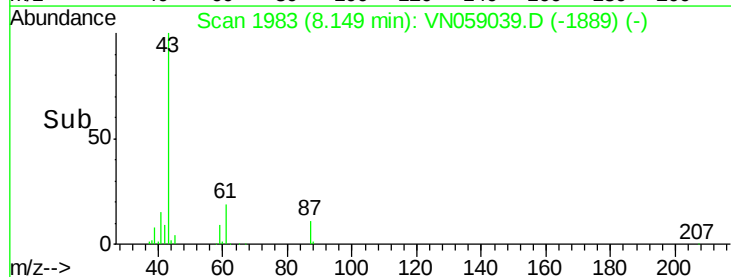
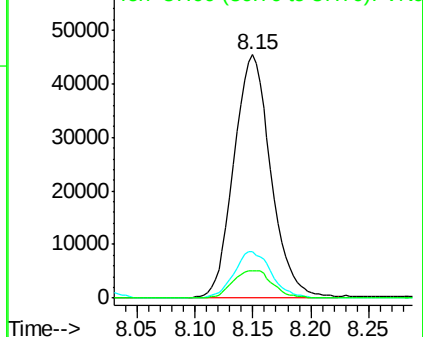


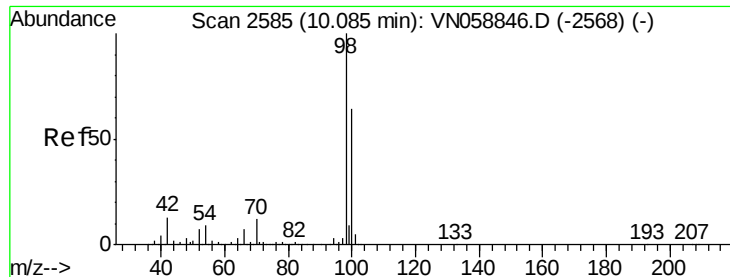
#43
Isopropyl Acetate
Concen: 8.573 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN059039.D
Acq: 31 Oct 2019 15:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	20.2	30.2#
87	12.1	9.5	14.3



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.034 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN059039.D

Acq: 31 Oct 2019 15:01

Instrument :

MSVOA_N

ClientSampled :

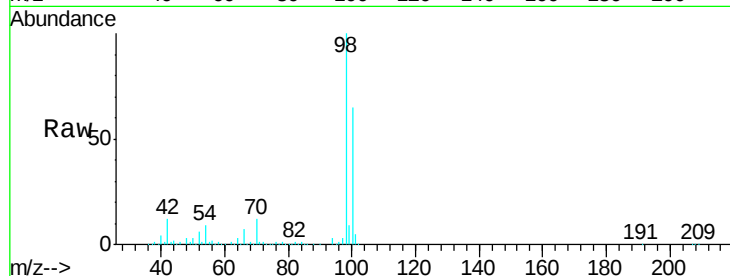
AU-08-103019

Tgt Ion: 98 Resp: 840447

Ion Ratio Lower Upper

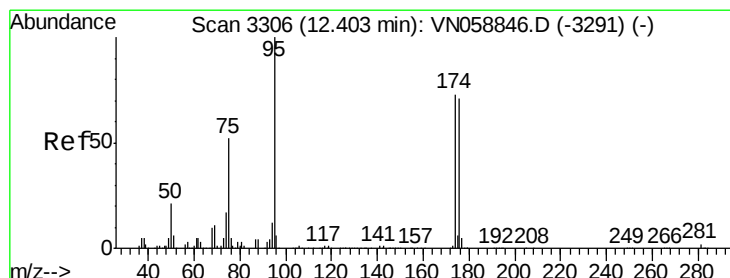
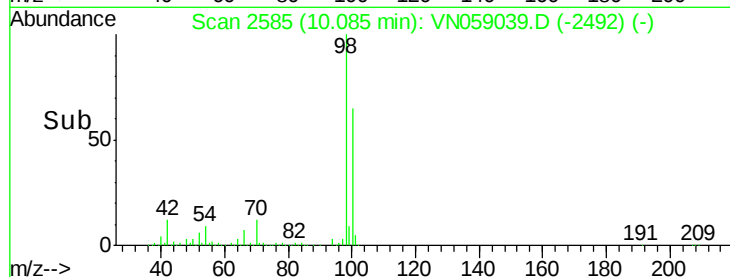
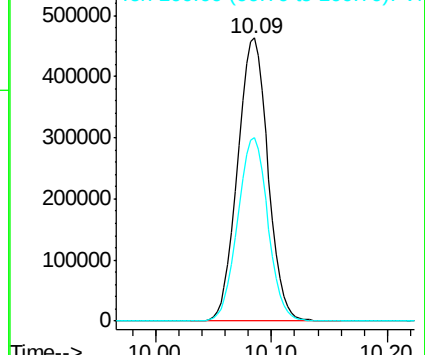
98 100

100 64.7 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: 44.059 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN059039.D

Acq: 31 Oct 2019 15:01

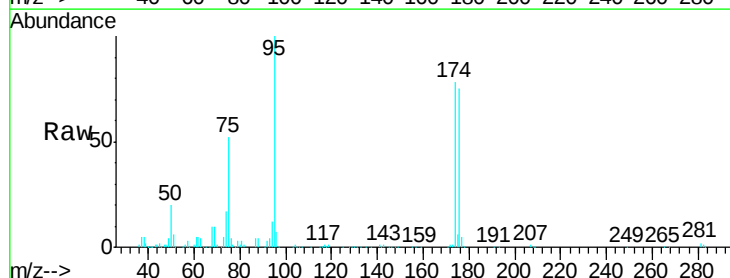
Tgt Ion: 95 Resp: 271781

Ion Ratio Lower Upper

95 100

174 77.0 0.0 147.6

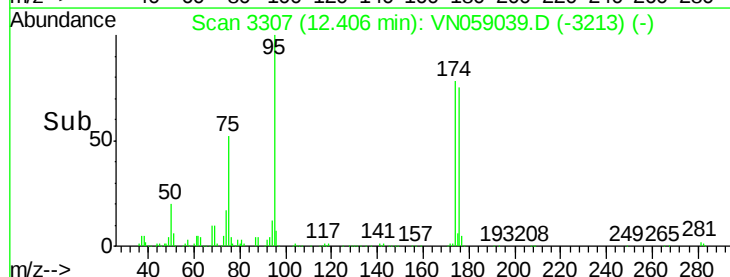
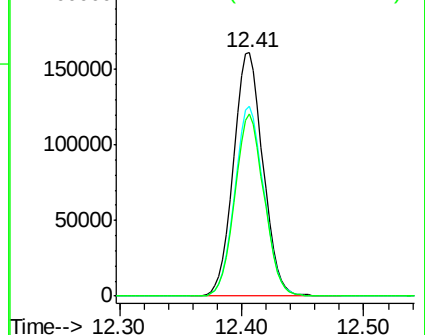
176 73.9 0.0 143.2

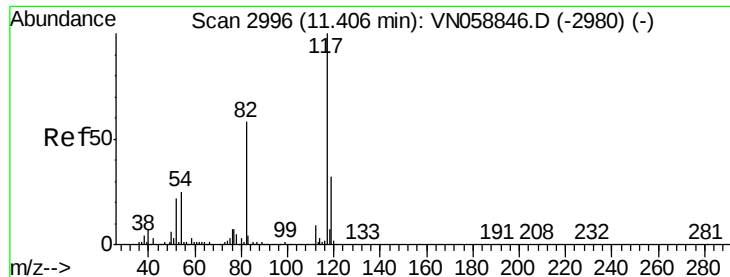


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

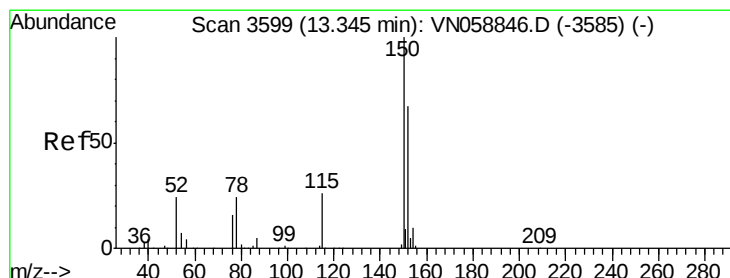
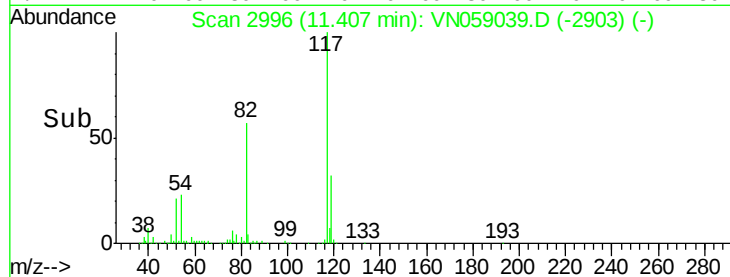
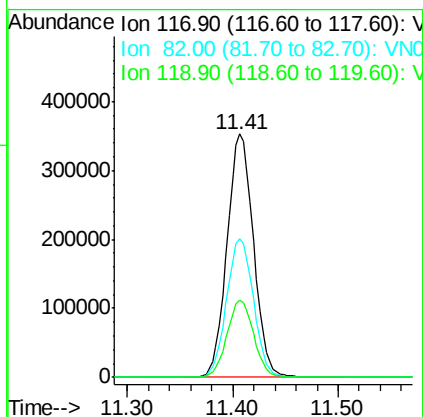
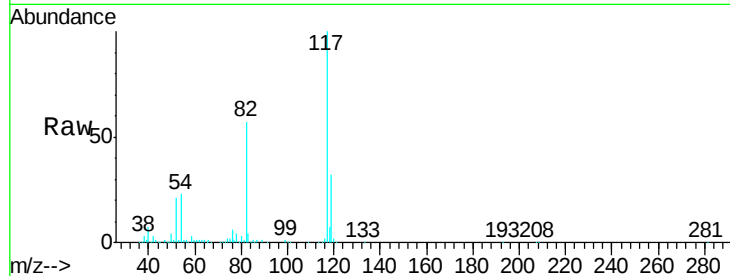




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059039.D
Acq: 31 Oct 2019 15:01

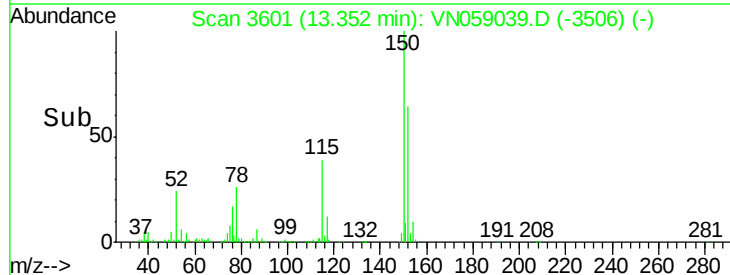
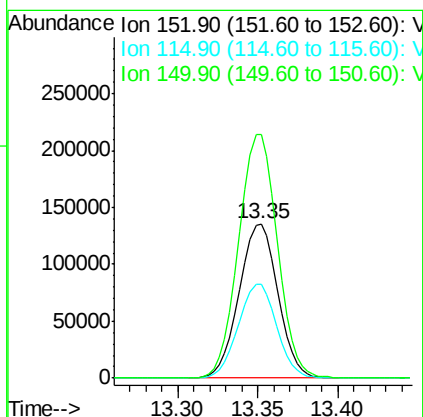
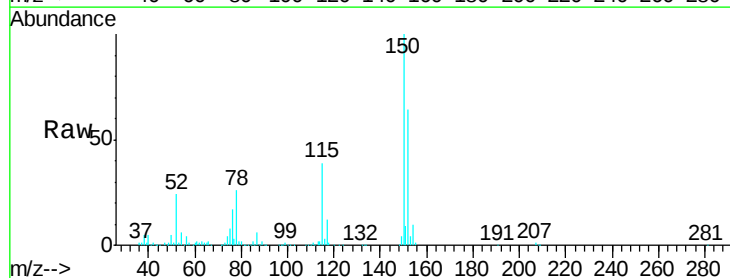
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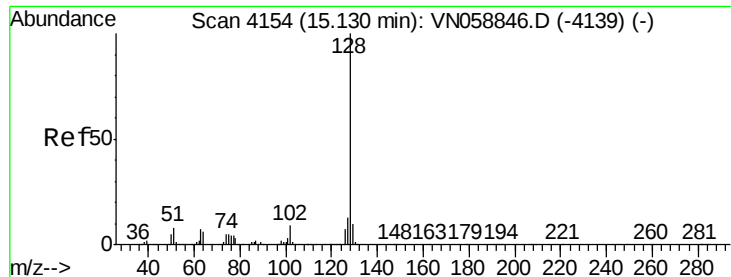
Tgt Ion:117 Resp: 610861
Ion Ratio Lower Upper
117 100
82 57.0 46.6 69.8
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.01 min
Lab File: VN059039.D
Acq: 31 Oct 2019 15:01

Tgt Ion:152 Resp: 224195
Ion Ratio Lower Upper
152 100
115 60.5 30.5 91.5
150 158.0 0.0 344.4





#95

Naphthalene

Concen: 3.719 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059039.D

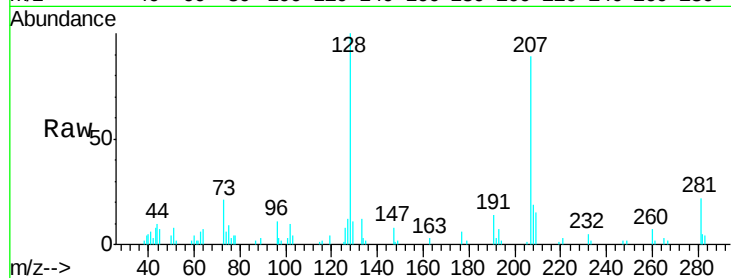
Acq: 31 Oct 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

AU-08-103019



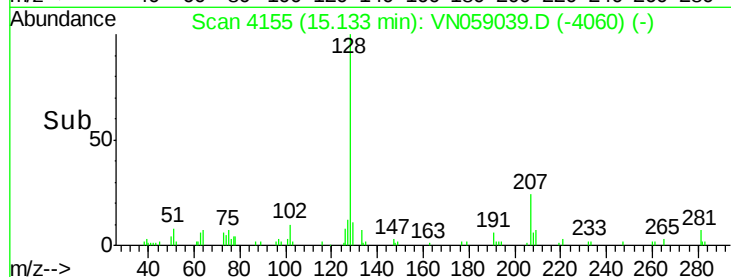
Tgt Ion:128 Resp: 20070

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

129 11.4 8.4 12.6



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

