

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080519\
 Data File : VN057078.D
 Acq On : 5 Aug 2019 13:05
 Operator : JC/SP
 Sample : K4093-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-080119

Quant Time: Aug 06 02:09:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

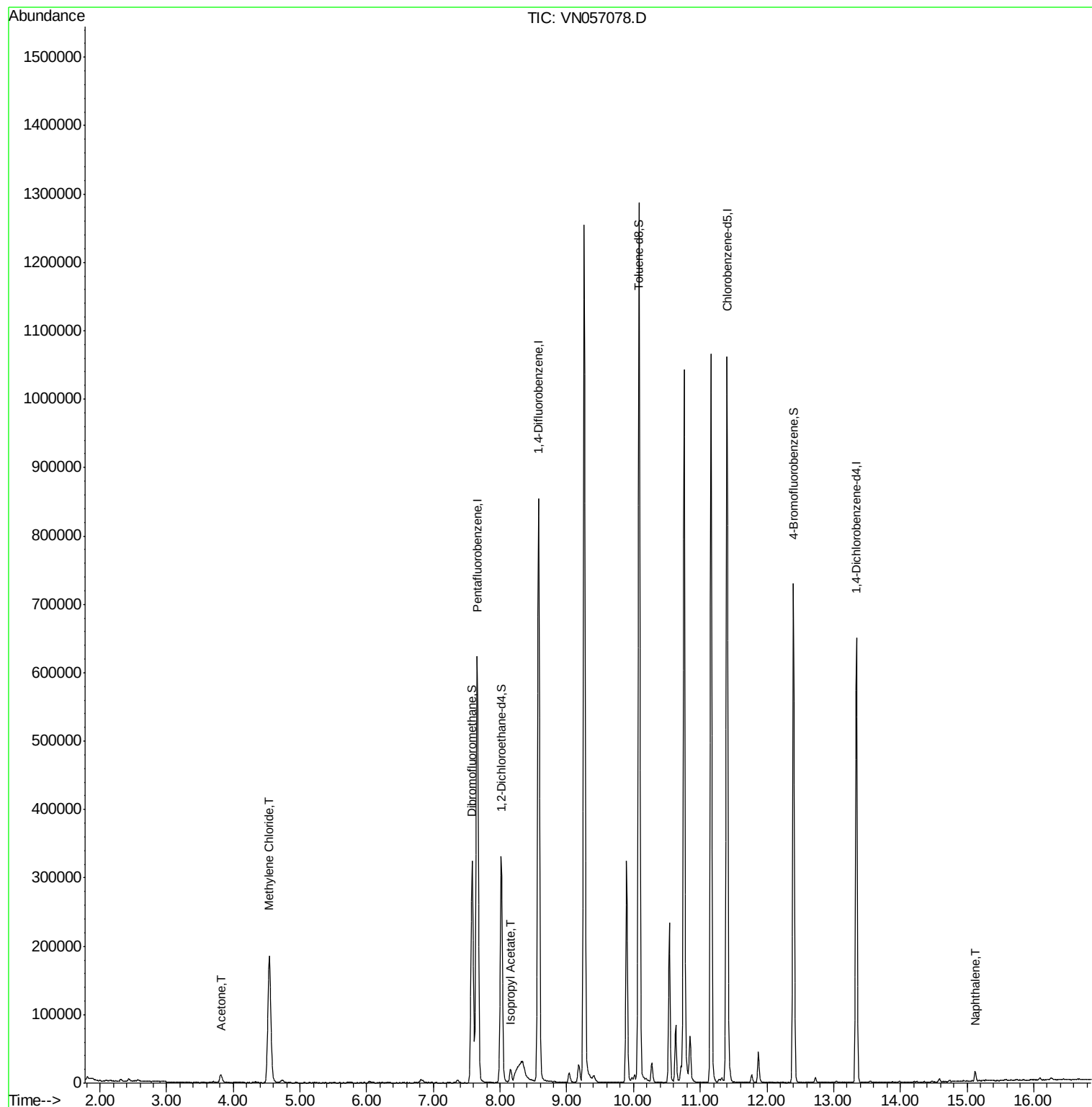
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	562413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	815440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	685294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	194163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	279946	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	7.58	113	248562	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
50) Toluene-d8	10.08	98	951058	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.40	95	260234	40.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.32%	
Target Compounds						
16) Acetone	3.81	43	21001	10.069	ug/l	97
20) Methylene Chloride	4.54	84	151688	25.248	ug/l	98
43) Isopropyl Acetate	8.16	43	21174	2.229	ug/l	91
95) Naphthalene	15.12	128	12752	5.023	ug/l	97

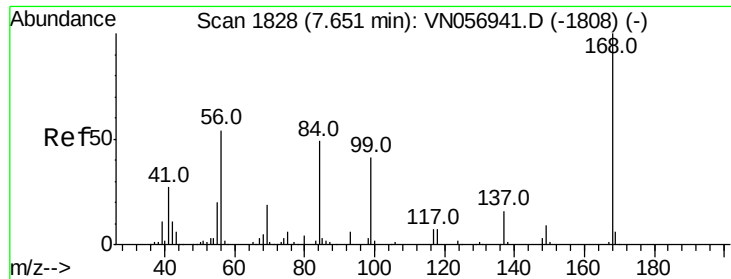
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057078.D

Acq: 5 Aug 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

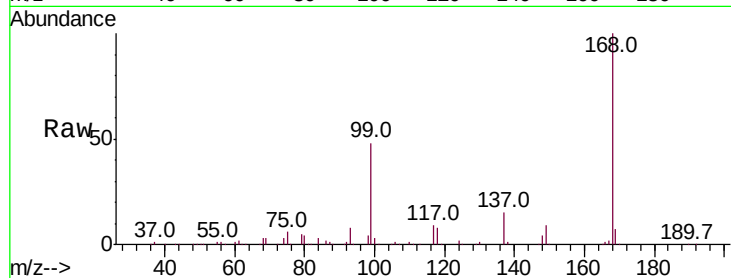
PL-02-080119

Tot Ion:168 Resp: 562413

Ion Ratio Lower Upper

168 100

99 48.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.66

250000

200000

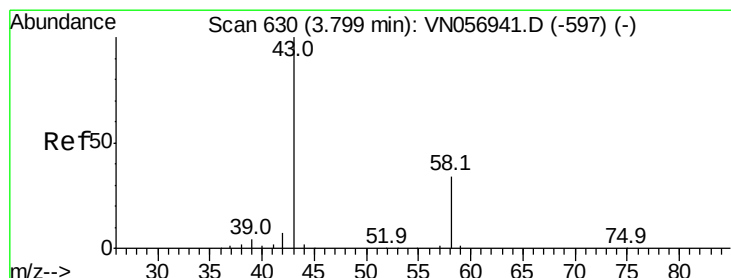
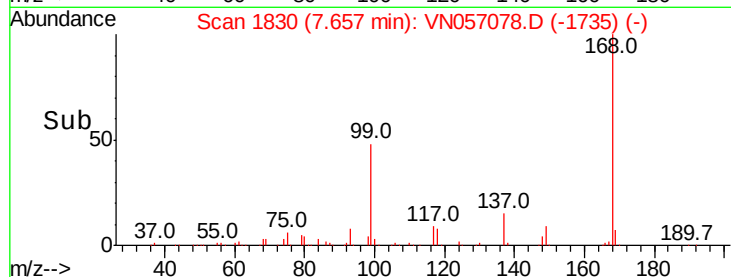
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.069 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057078.D

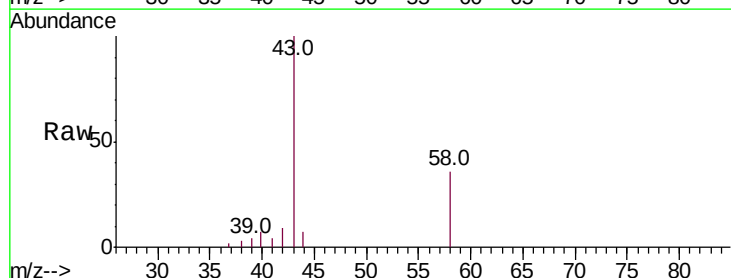
Acq: 5 Aug 2019 13:05

Tgt Ion: 43 Resp: 21001

Ion Ratio Lower Upper

43 100

58 35.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-597) (-)

3.81

8000

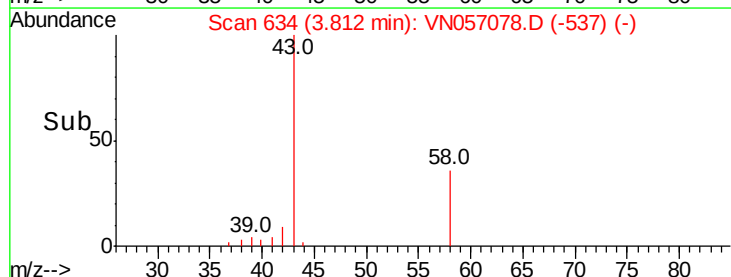
6000

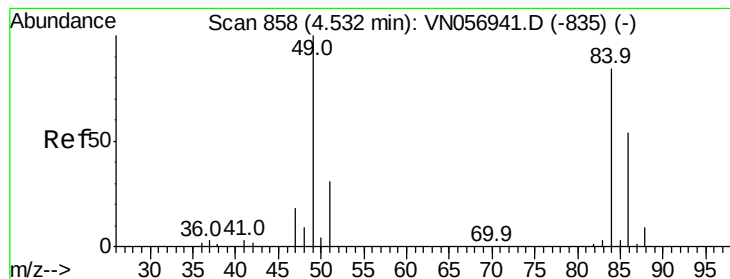
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 25.248 ug/l

RT: 4.54 min Scan# 860

Delta R.T. 0.01 min

Lab File: VN057078.D

Acq: 5 Aug 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

PL-02-080119

Tot Ion: 84 Resp: 151688

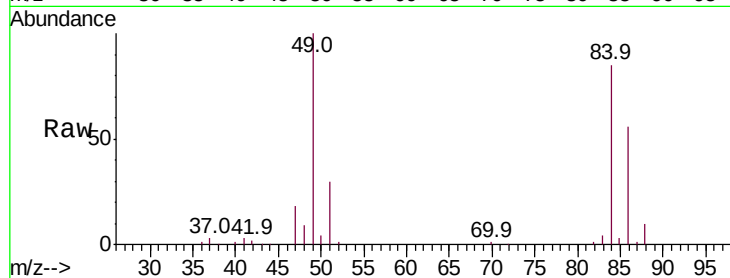
Ion Ratio Lower Upper

84 100

49 117.7 95.2 142.8

51 35.3 29.7 44.5

86 66.2 51.0 76.6

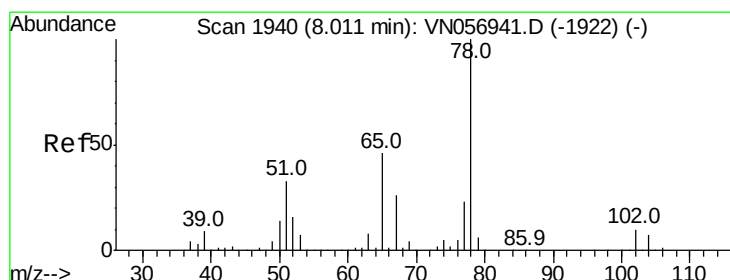
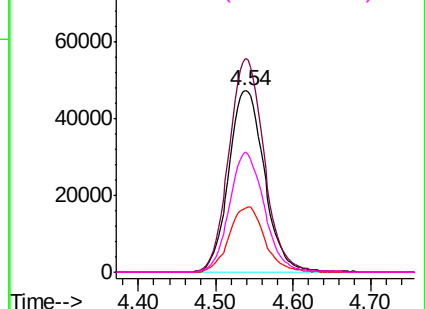
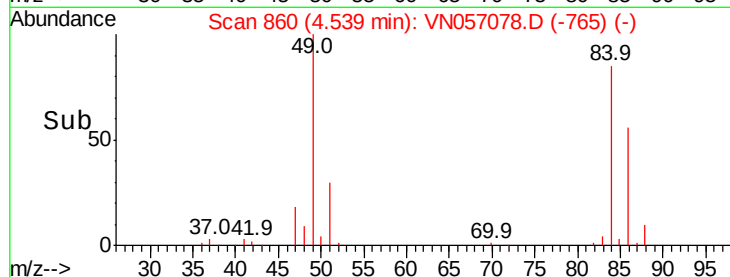


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.626 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057078.D

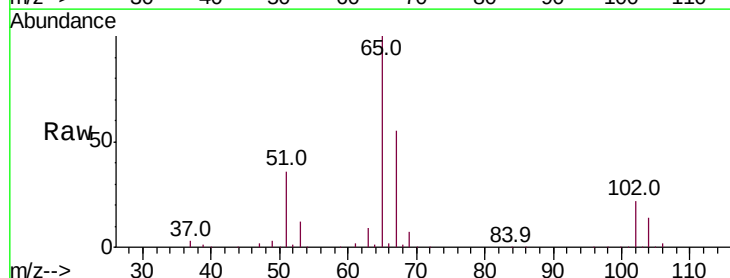
Acq: 5 Aug 2019 13:05

Tgt Ion: 65 Resp: 279946

Ion Ratio Lower Upper

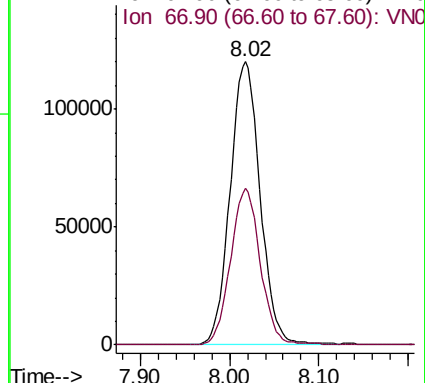
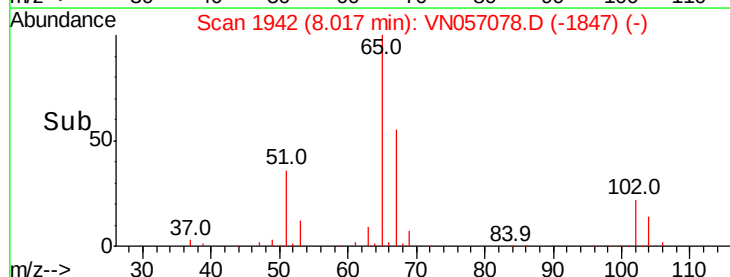
65 100

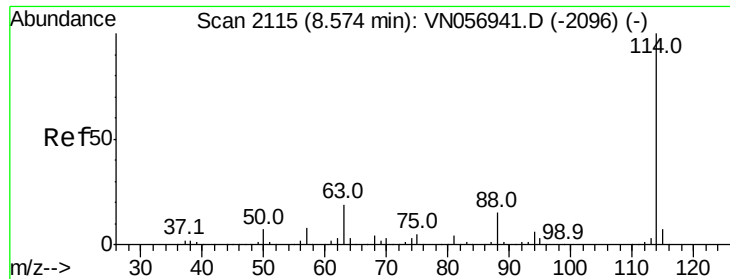
67 54.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

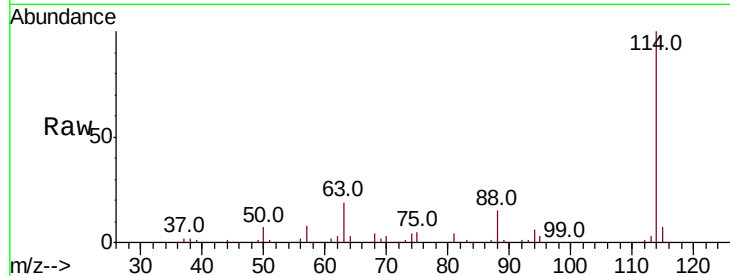




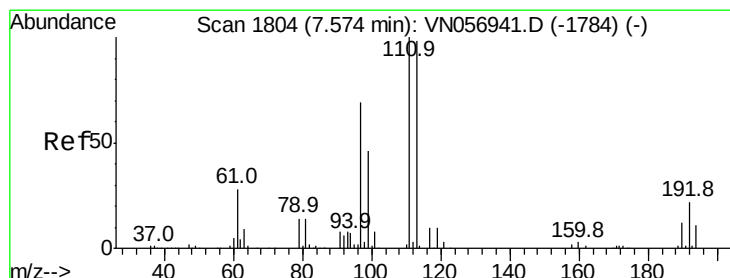
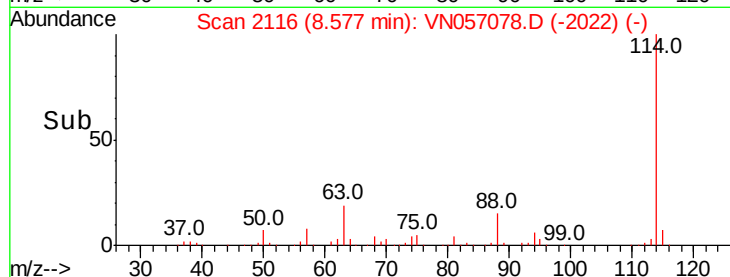
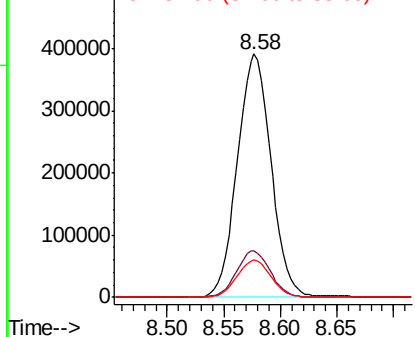
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057078.D
 Acq: 5 Aug 2019 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-080119

Tot Ion:114 Resp: 815440
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.0
 88 15.2 0.0 30.0

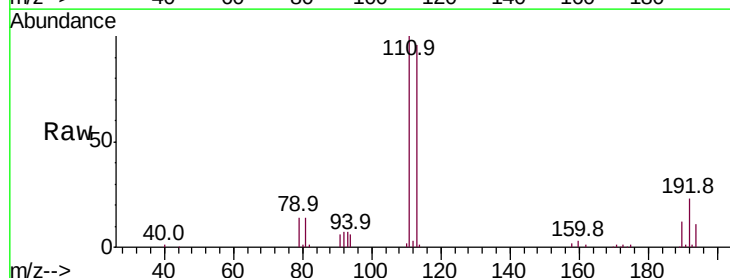


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

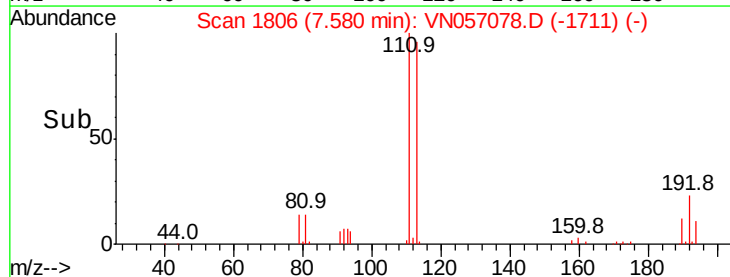
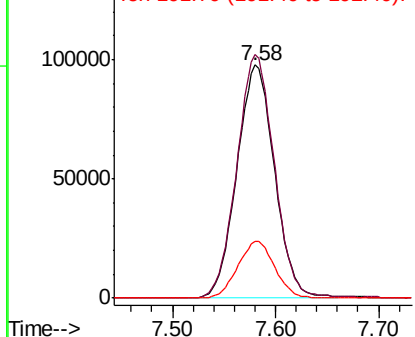


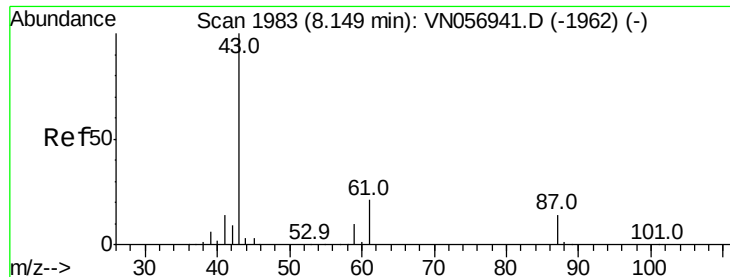
#35
 Dibromofluoromethane
 Concen: 47.616 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057078.D
 Acq: 5 Aug 2019 13:05

Tgt Ion:113 Resp: 248562
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.0 123.0
 192 23.9 18.4 27.6



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: 2.229 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057078.D

Acq: 5 Aug 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

PL-02-080119

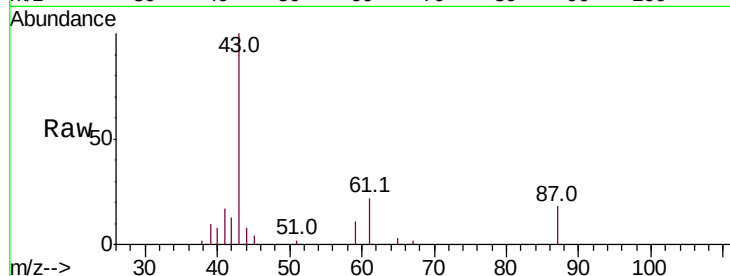
Tot Ion: 43 Resp: 21174

Ion Ratio Lower Upper

43 100

61 23.5 23.0 34.6

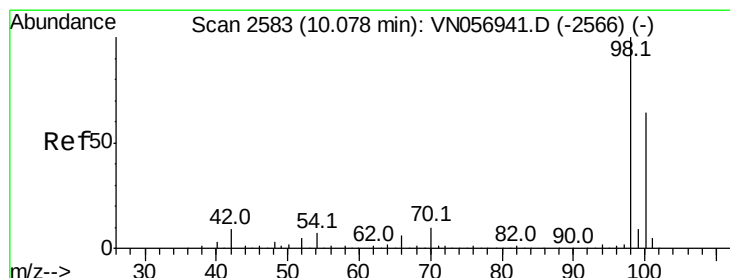
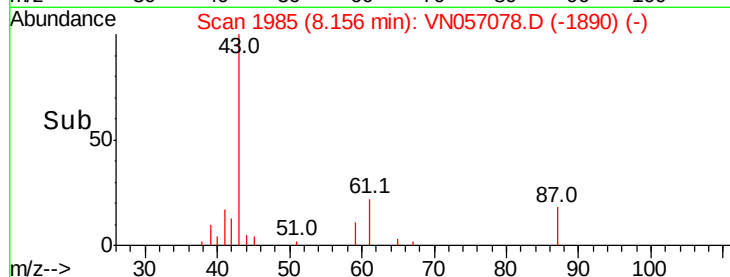
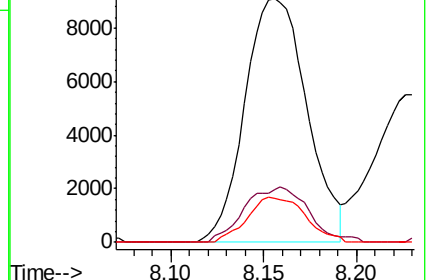
87 17.4 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056941.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1962) (-)



#50

Toluene-d8

Concen: 47.775 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.01 min

Lab File: VN057078.D

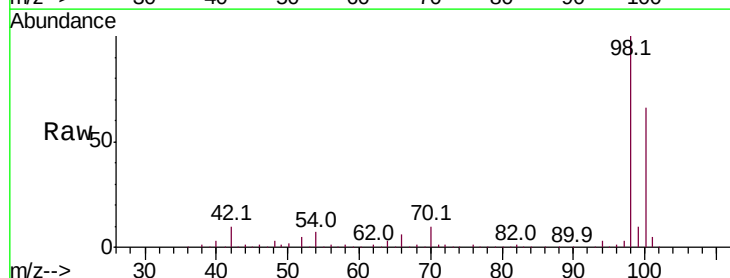
Acq: 5 Aug 2019 13:05

Tgt Ion: 98 Resp: 951058

Ion Ratio Lower Upper

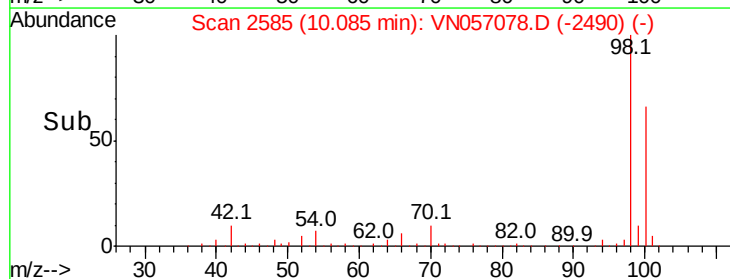
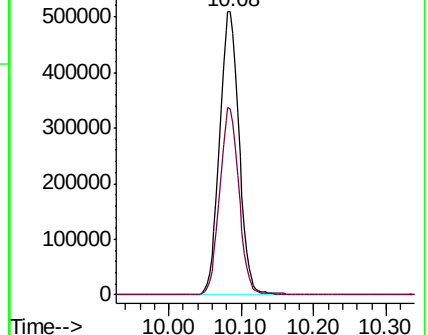
98 100

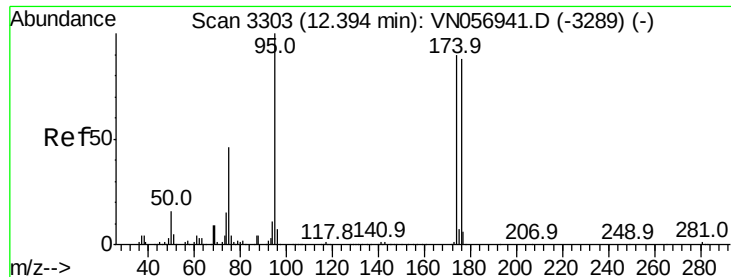
100 65.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056941.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056941.D (-2566) (-)

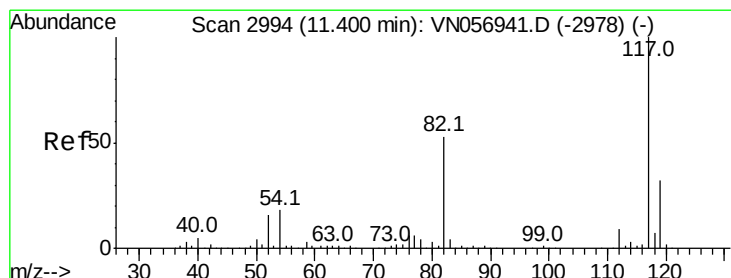
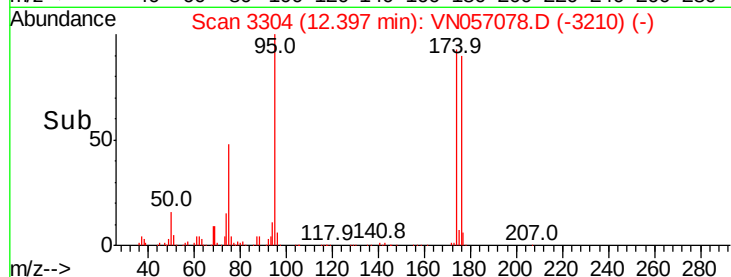
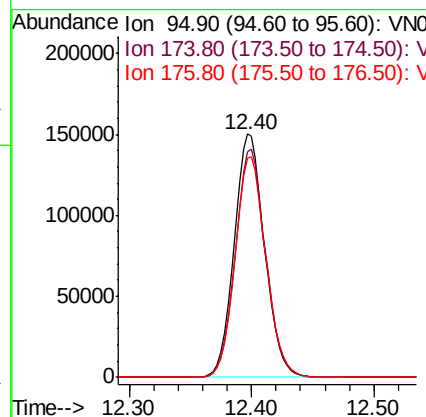
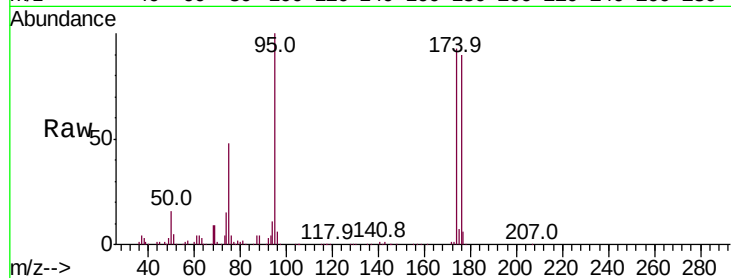




#62
4-Bromofluorobenzene
Concen: 40.156 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057078.D
Acq: 5 Aug 2019 13:05

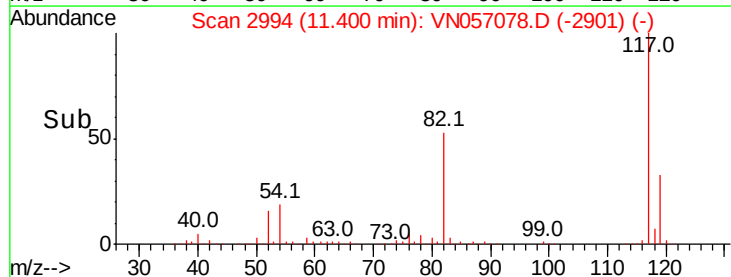
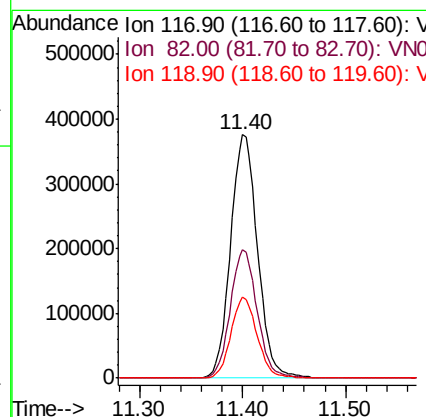
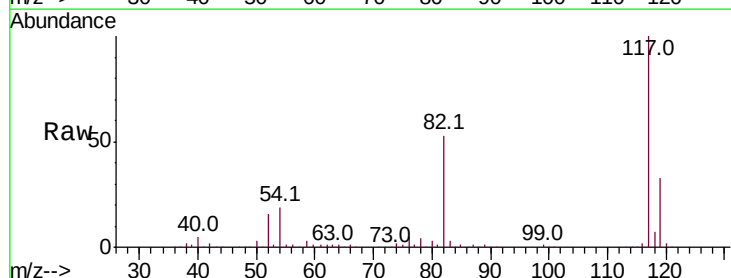
Instrument :
MSVOA_N
ClientSampleId :
PL-02-080119

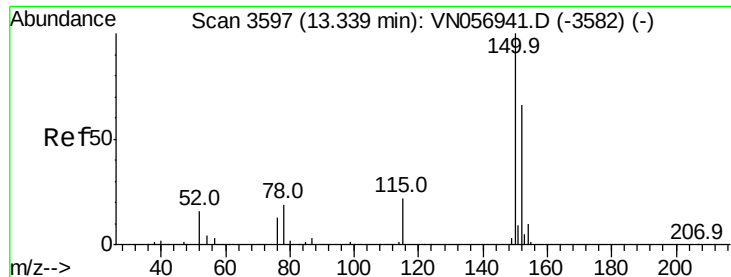
Tot Ion: 95 Resp: 260234
Ion Ratio Lower Upper
95 100
174 93.6 0.0 182.2
176 91.5 0.0 179.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057078.D
Acq: 5 Aug 2019 13:05

Tgt Ion: 117 Resp: 685294
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.4
119 33.1 25.8 38.6

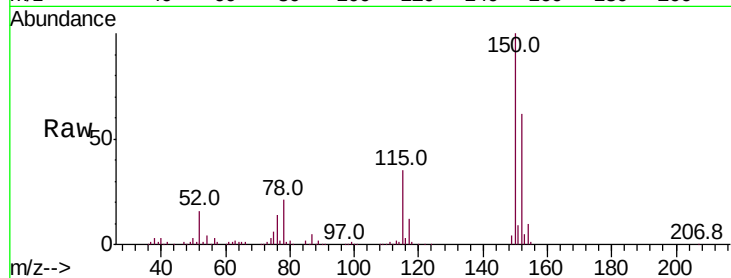




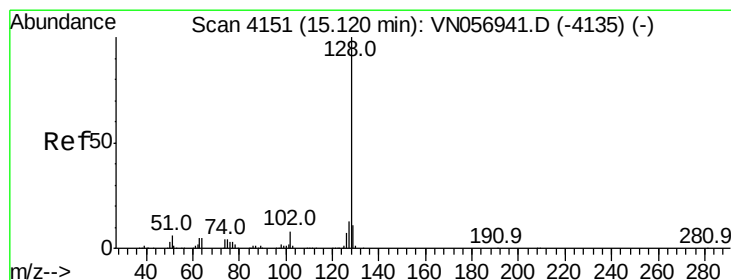
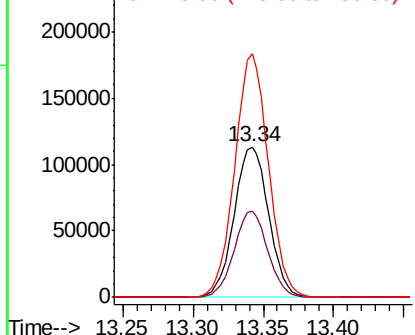
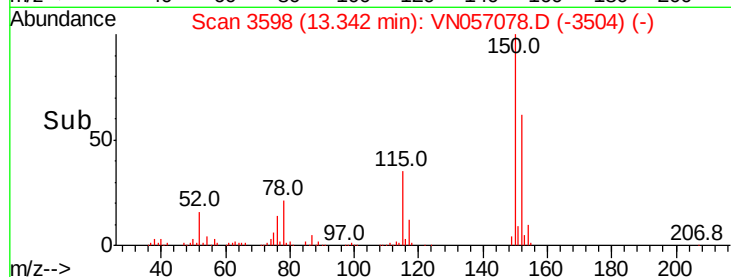
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN057078.D
 Acq: 5 Aug 2019 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-080119

Tot Ion:152 Resp: 194163
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.2 84.6
 150 158.1 0.0 349.4

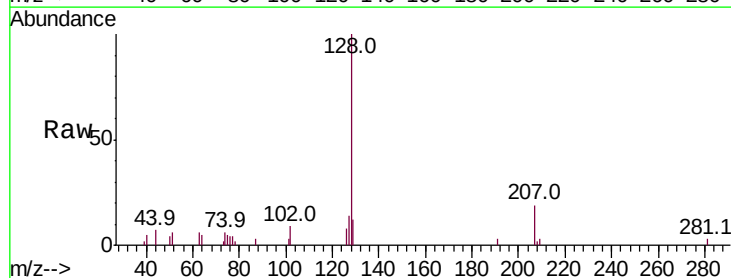


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 5.023 ug/l
 RT: 15.12 min Scan# 4152
 Delta R.T. 0.00 min
 Lab File: VN057078.D
 Acq: 5 Aug 2019 13:05

Tgt Ion:128 Resp: 12752
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.0 15.0
 129 12.8 8.7 13.1



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

