

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080519\
 Data File : VN057076.D
 Acq On : 5 Aug 2019 12:18
 Operator : JC/SP
 Sample : K4095-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-080219-B

Quant Time: Aug 06 02:05:43 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

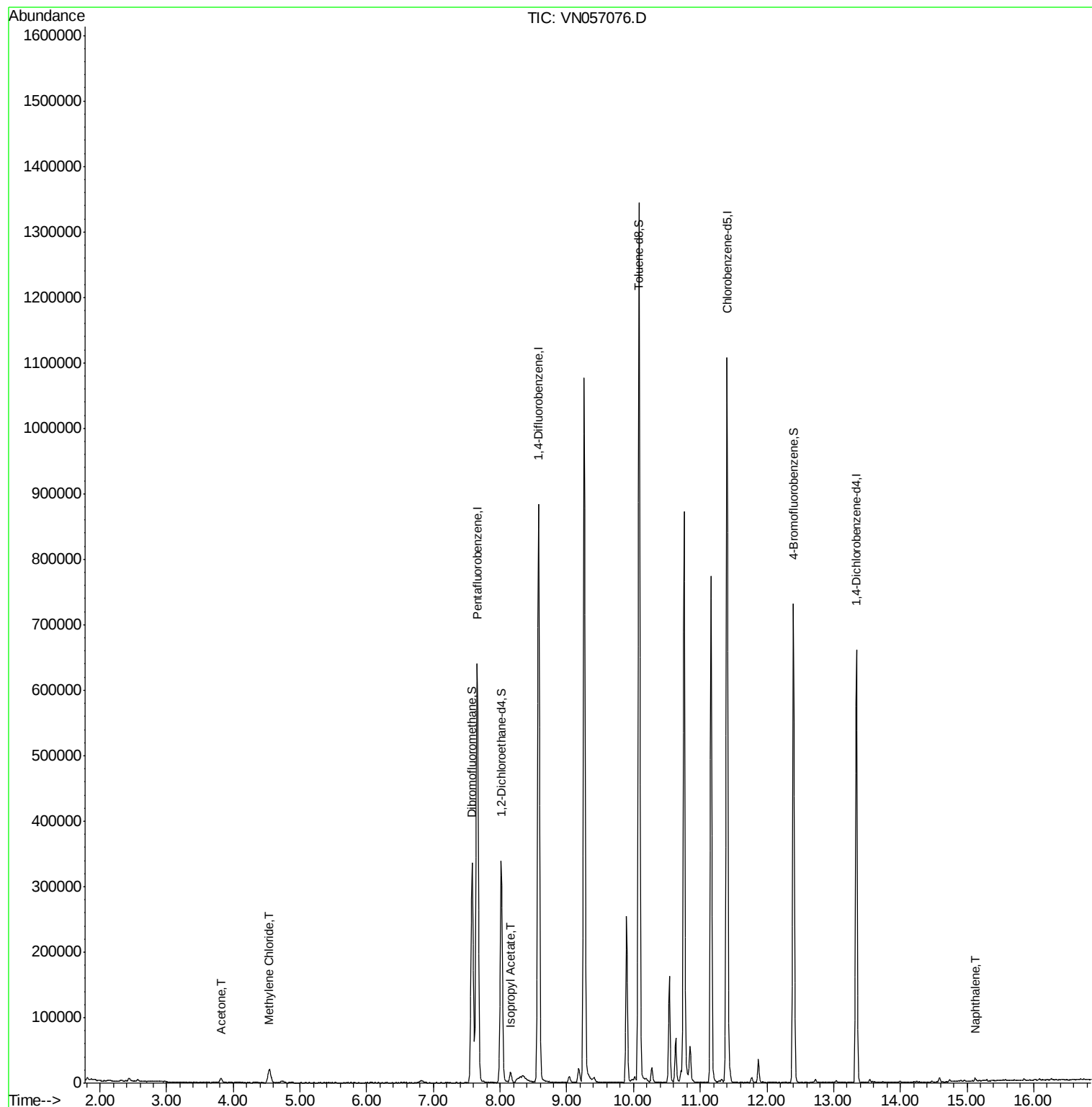
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	579367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	835328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	710381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	285084	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
35) Dibromofluoromethane	7.58	113	260596	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	10.08	98	986213	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	267002	40.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.44%	
Target Compounds						
16) Acetone	3.81	43	11585	5.392	ug/l	97
20) Methylene Chloride	4.54	84	17339	2.802	ug/l	93
43) Isopropyl Acetate	8.16	43	17862	1.836	ug/l #	89
95) Naphthalene	15.12	128	4796	4.131	ug/l #	94

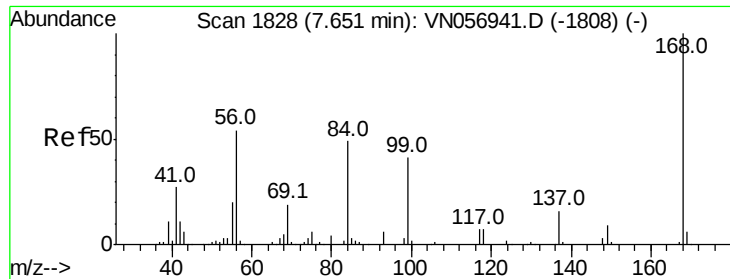
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080519\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
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: VN057076.D

Acq: 5 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

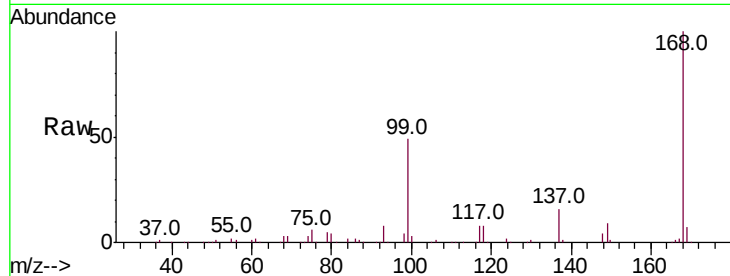
SU-02-080219-B

Tot Ion:168 Resp: 579367

Ion Ratio Lower Upper

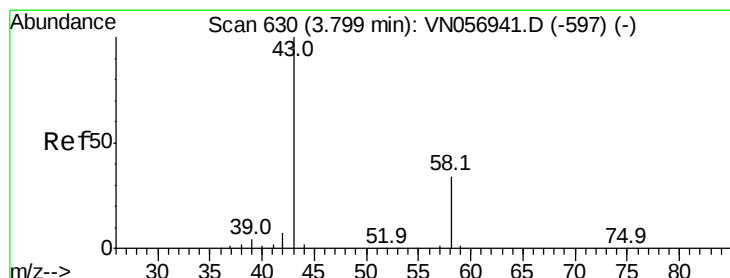
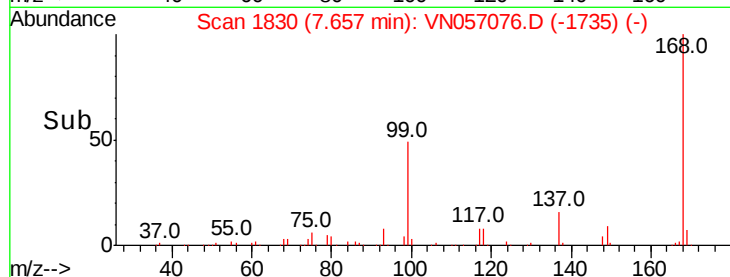
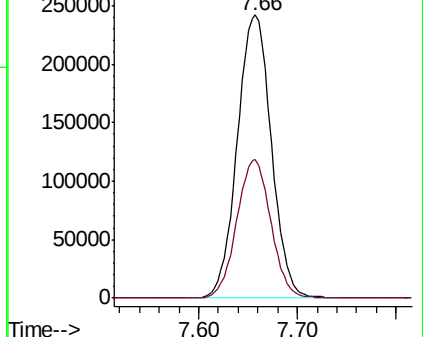
168 100

99 48.8 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) (-)



#16

Acetone

Concen: 5.392 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057076.D

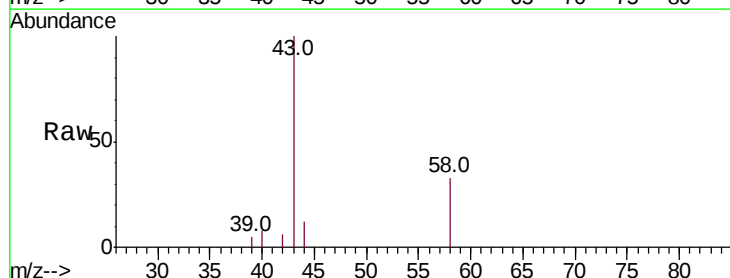
Acq: 5 Aug 2019 12:18

Tgt Ion: 43 Resp: 11585

Ion Ratio Lower Upper

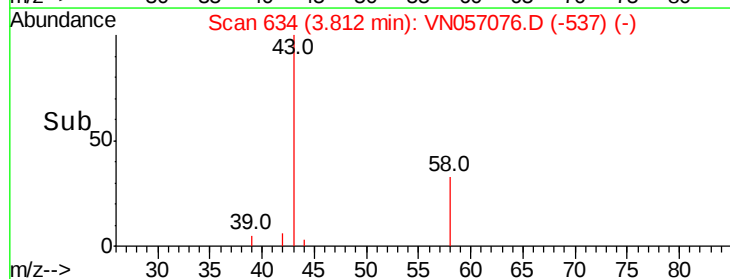
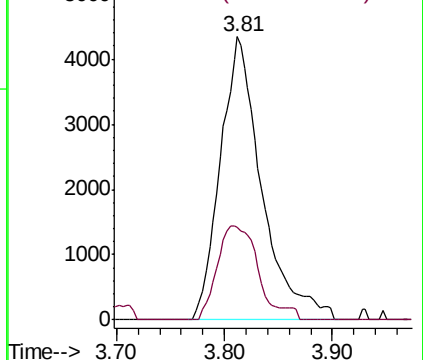
43 100

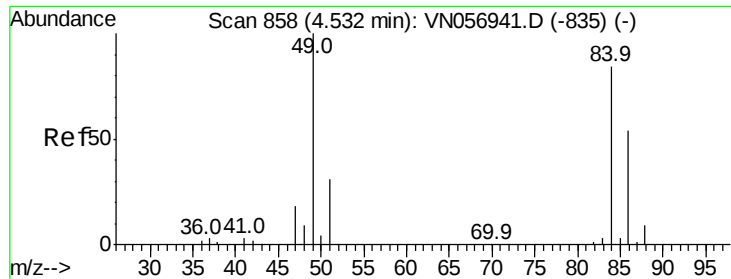
58 32.6 27.2 40.8



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

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

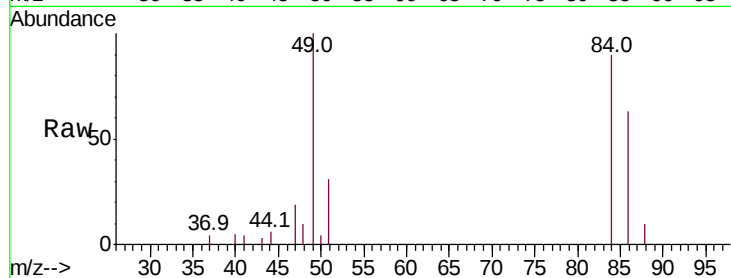




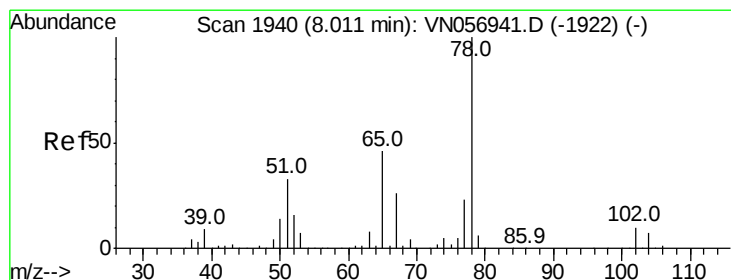
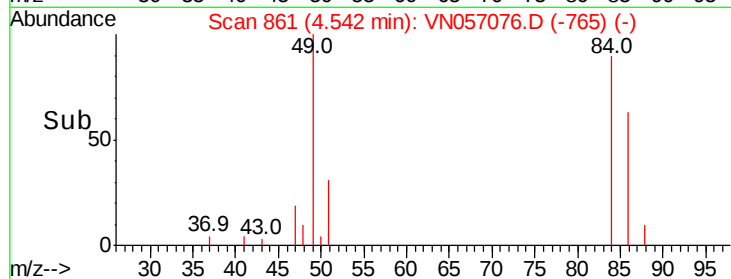
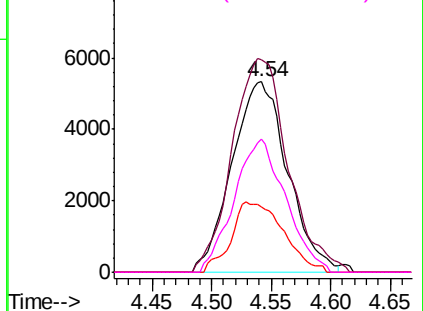
#20
Methvlene Chloride
Concen: 2.802 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN057076.D
Acq: 5 Aug 2019 12:18

Instrument :
MSVOA_N
ClientSampleId :
SU-02-080219-B

Tot Ion: 84 Resp: 17339
Ion Ratio Lower Upper
84 100
49 111.3 95.2 142.8
51 34.2 29.7 44.5
86 70.1 51.0 76.6

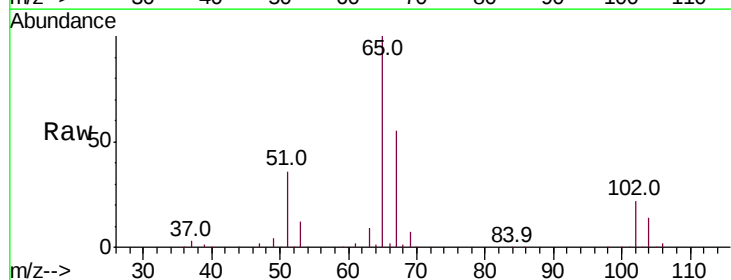


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

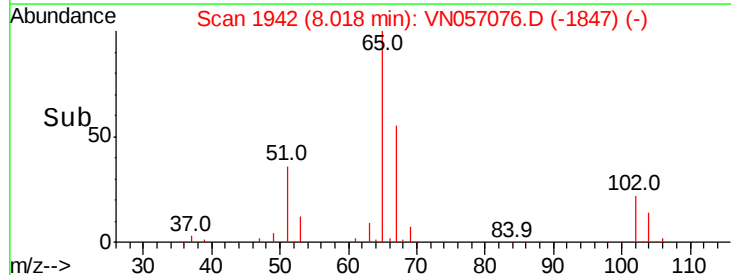
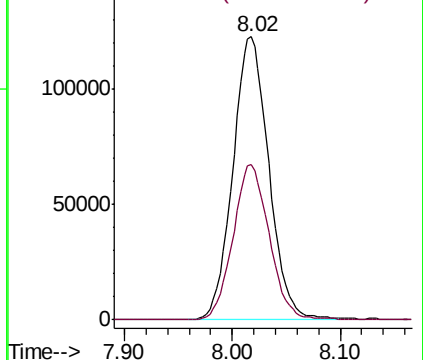


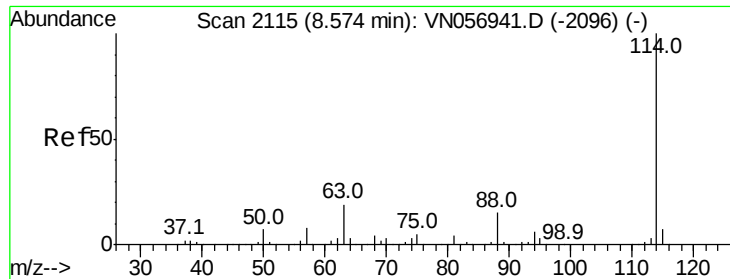
#33
1,2-Dichloroethane-d4
Concen: 48.070 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.01 min
Lab File: VN057076.D
Acq: 5 Aug 2019 12:18

Tgt Ion: 65 Resp: 285084
Ion Ratio Lower Upper
65 100
67 55.0 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

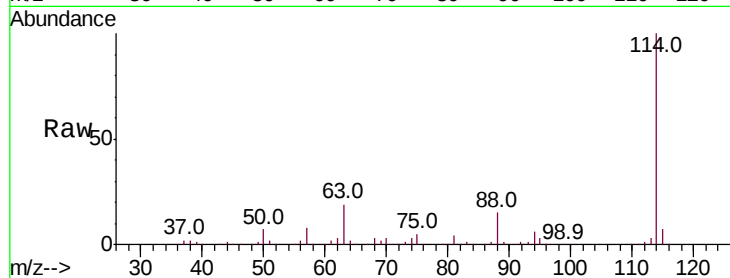




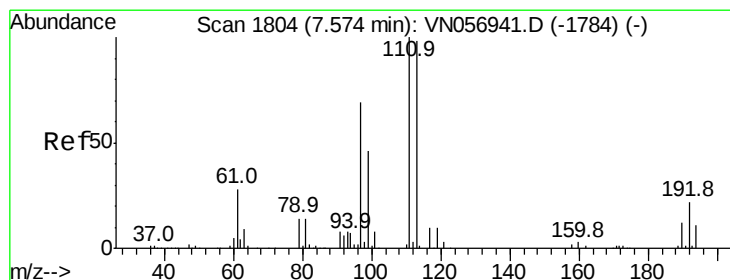
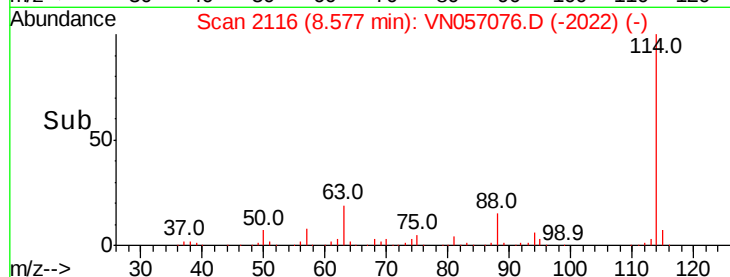
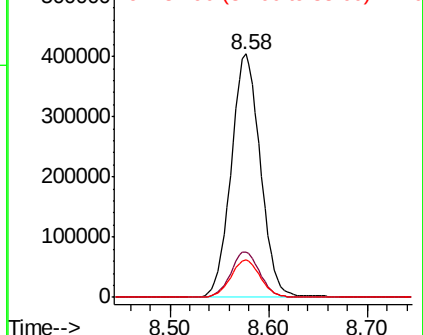
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057076.D
 Acq: 5 Aug 2019 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-080219-B

Tot Ion:114 Resp: 835328
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.4 0.0 30.0

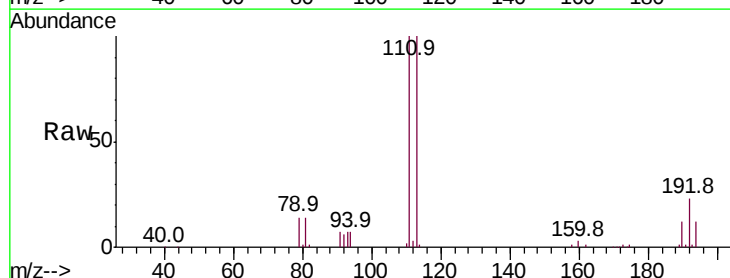


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

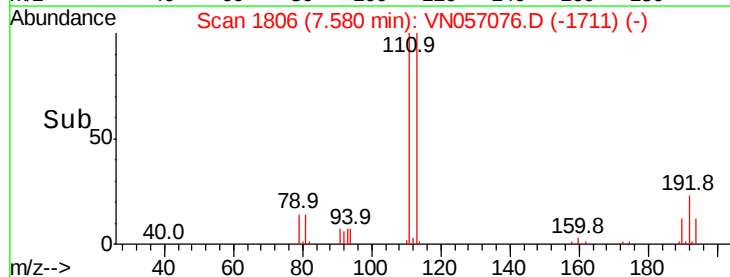
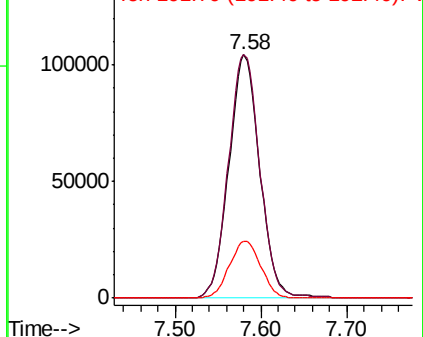


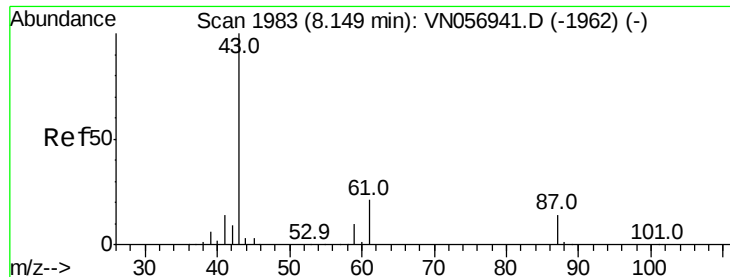
#35
 Dibromofluoromethane
 Concen: 48.732 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057076.D
 Acq: 5 Aug 2019 12:18

Tgt Ion:113 Resp: 260596
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.0 123.0
 192 23.8 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: 1.836 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057076.D

Acq: 5 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

SU-02-080219-B

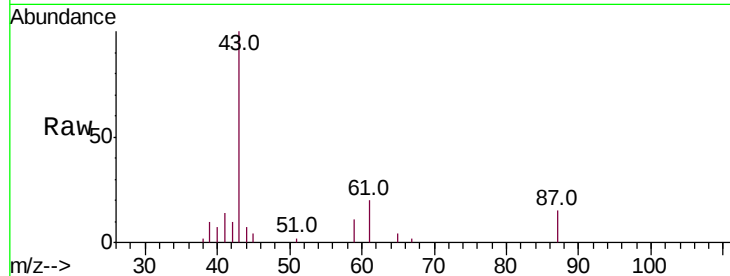
Tot Ion: 43 Resp: 17862

Ion Ratio Lower Upper

43 100

61 21.1 23.0 34.6#

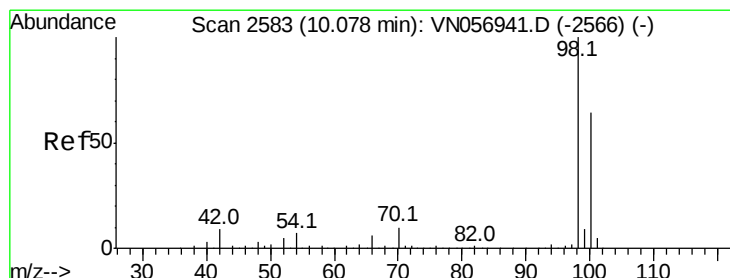
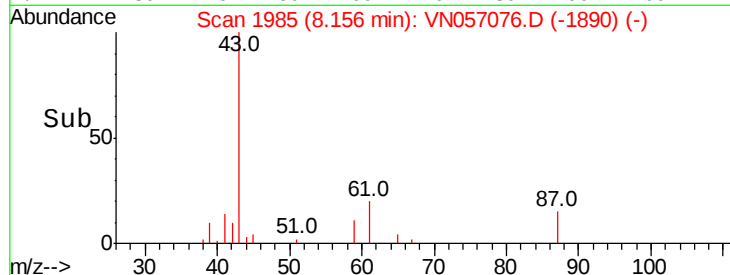
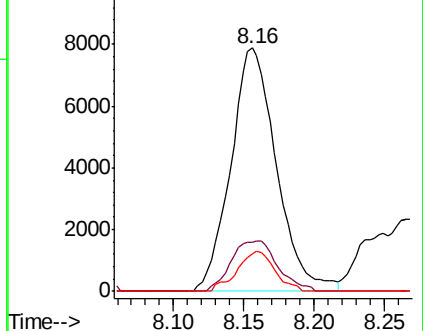
87 13.4 11.7 17.5



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: 48.362 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057076.D

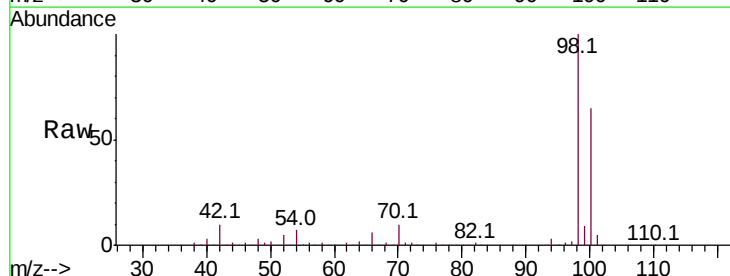
Acq: 5 Aug 2019 12:18

Tgt Ion: 98 Resp: 986213

Ion Ratio Lower Upper

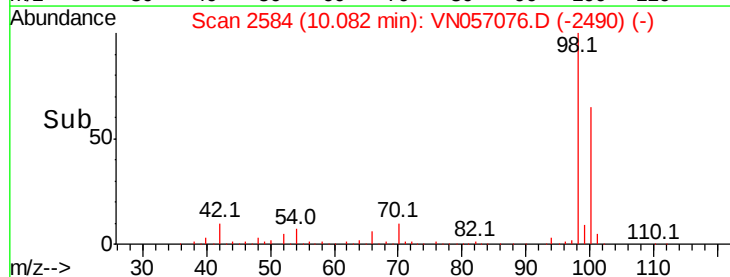
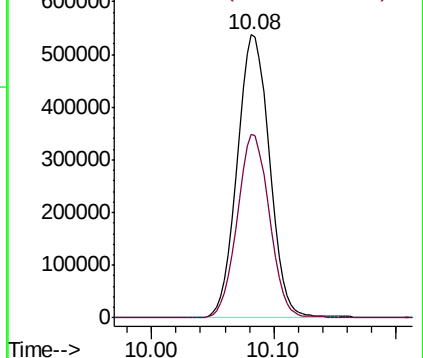
98 100

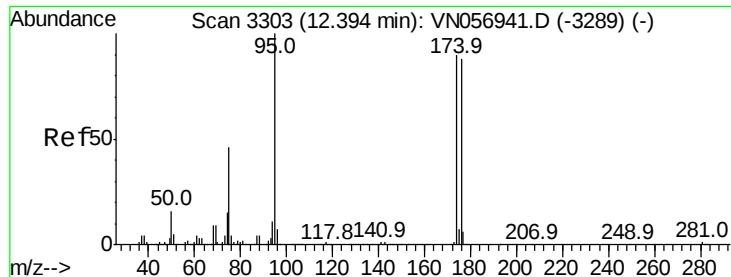
100 64.5 51.3 76.9



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: 40.219 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057076.D

Acq: 5 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

SU-02-080219-B

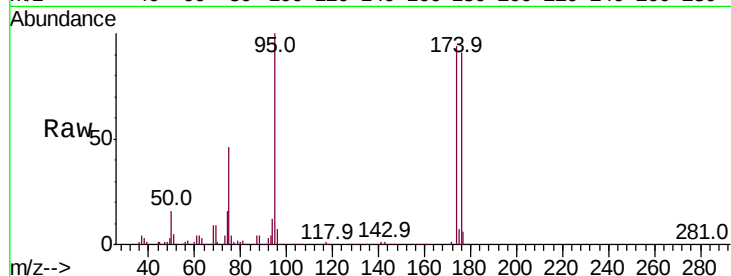
Tot Ion: 95 Resp: 267002

Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

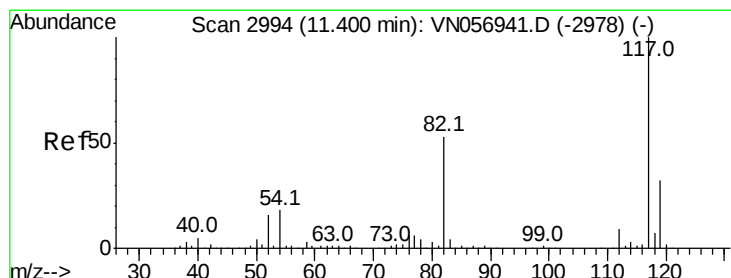
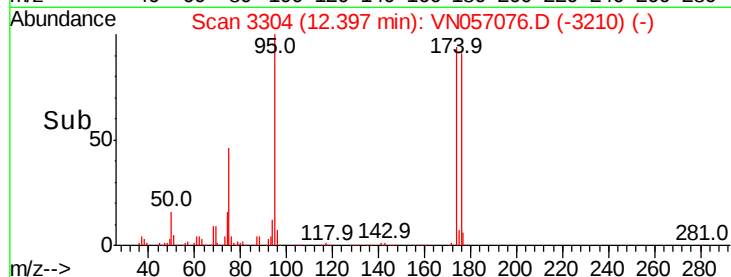
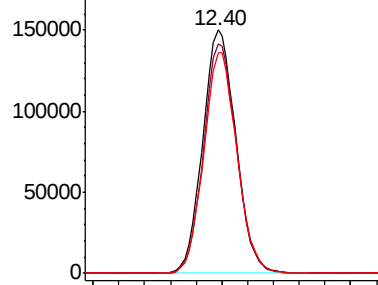
176 90.8 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)

200000 Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)

150000 Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN057076.D

Acq: 5 Aug 2019 12:18

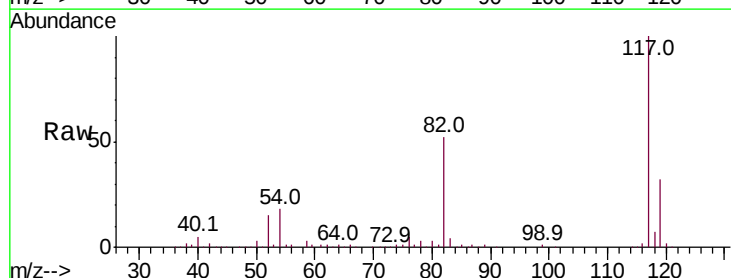
Tgt Ion: 117 Resp: 710381

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.4

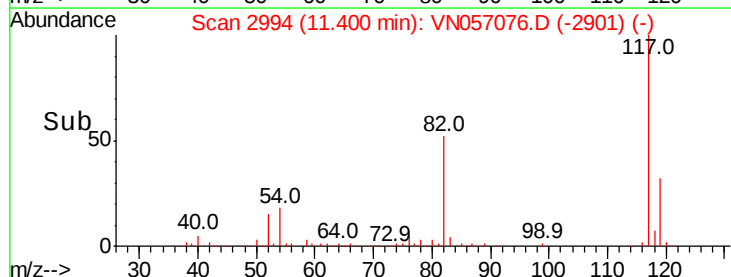
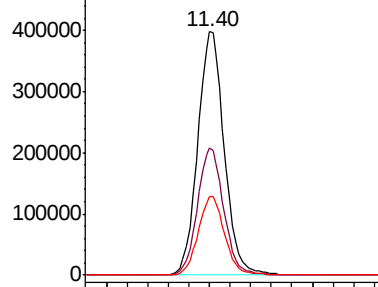
119 32.1 25.8 38.6

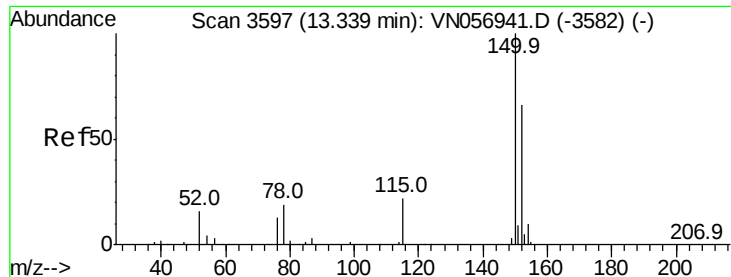


Abundance Ion 116.90 (116.60 to 117.60): VN056941.D (-2978) (-)

500000 Ion 82.00 (81.70 to 82.70): VN056941.D (-2978) (-)

400000 Ion 118.90 (118.60 to 119.60): VN056941.D (-2978) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057076.D

Acq: 5 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

SU-02-080219-B

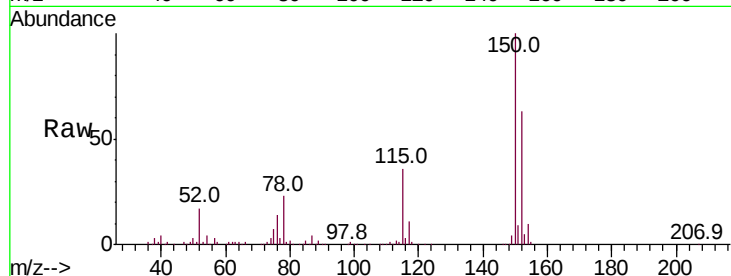
Tot Ion:152 Resp: 193071

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.6

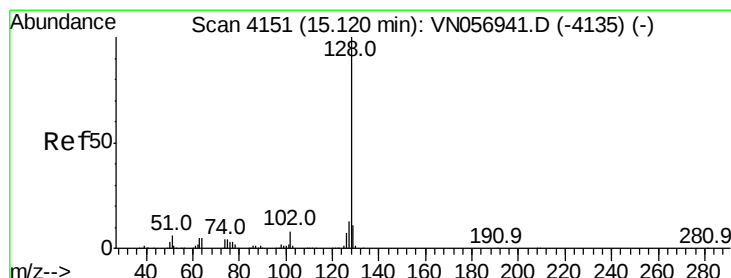
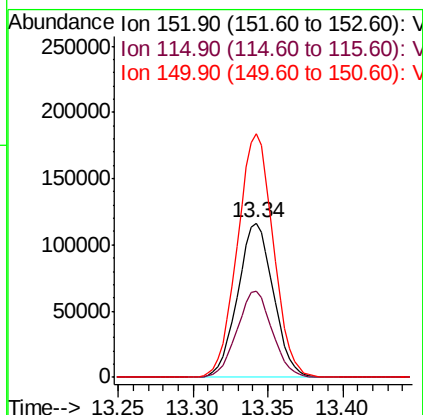
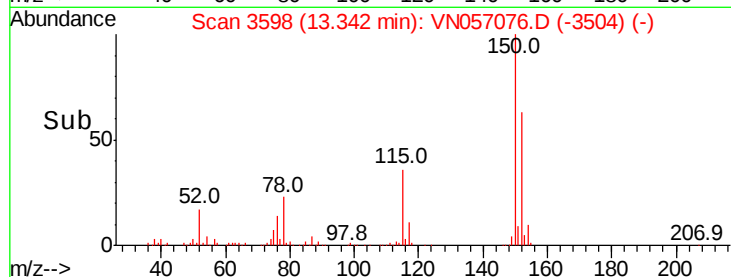
150 159.3 0.0 349.4



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: 4.131 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057076.D

Acq: 5 Aug 2019 12:18

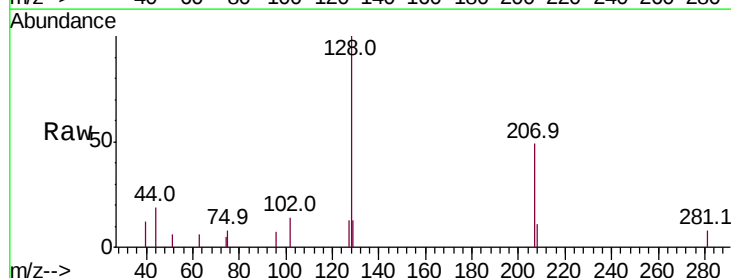
Tgt Ion:128 Resp: 4796

Ion Ratio Lower Upper

128 100

127 8.9 10.0 15.0#

129 12.0 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

