

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057732.D
 Acq On : 6 Sep 2019 22:39
 Operator : JC/SP
 Sample : K4580-31
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-C1-(3.5)

Quant Time: Sep 07 00:08:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

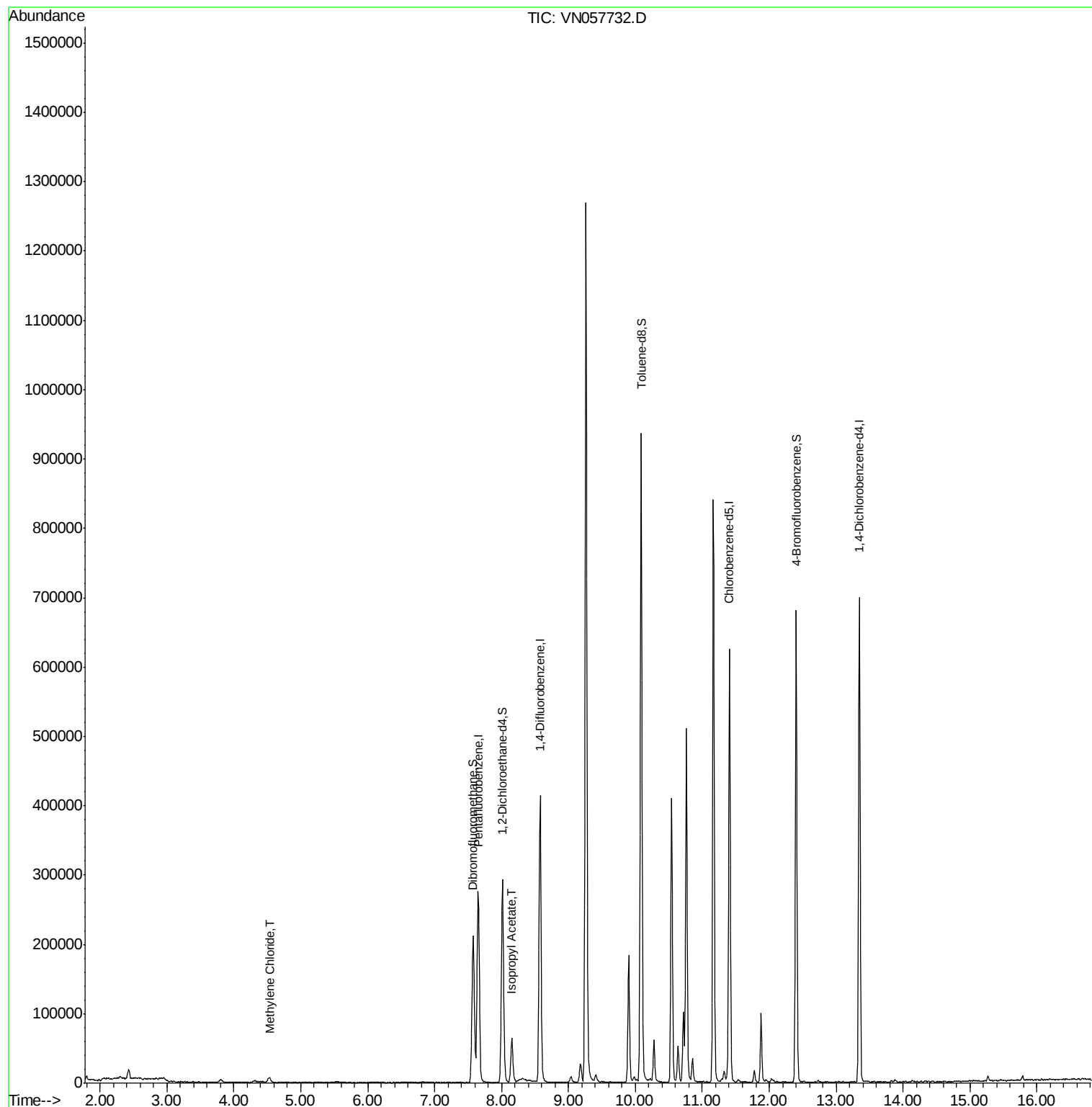
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	189943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	331636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	304851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	155381	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	256399	55.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.98%	
35) Dibromofluoromethane	7.58	113	150825	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.09	98	586829	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.40	95	218247	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
Target Compounds						
20) Methylene Chloride	4.53	84	4460	1.451	ug/l #	90
43) Isopropyl Acetate	8.15	43	78606	9.350	ug/l	100

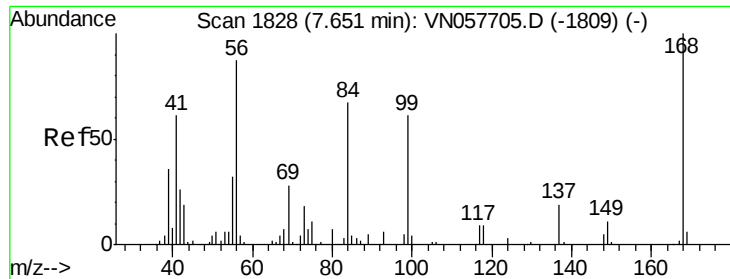
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057732.D

Acq: 6 Sep 2019 22:39

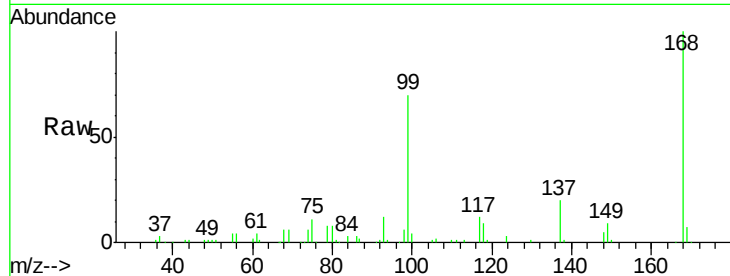
Instrument :
MSVOA_N
ClientSampled :
PAR-12-C1-(3.5)

Tot Ion:168 Resp: 189943

Ion Ratio Lower Upper

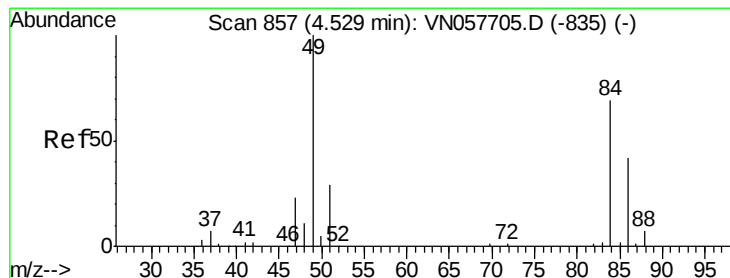
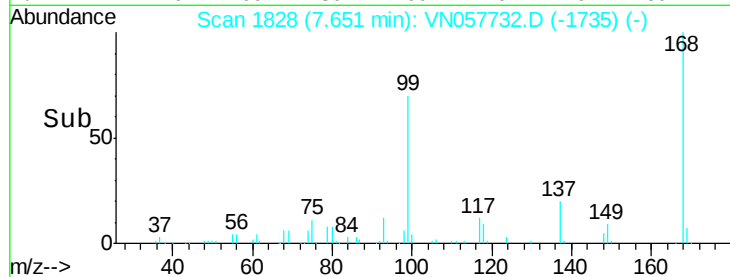
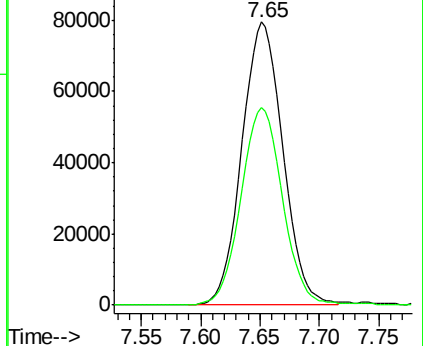
168 100

99 69.9 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.451 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN057732.D

Acq: 6 Sep 2019 22:39

Tgt Ion: 84 Resp: 4460

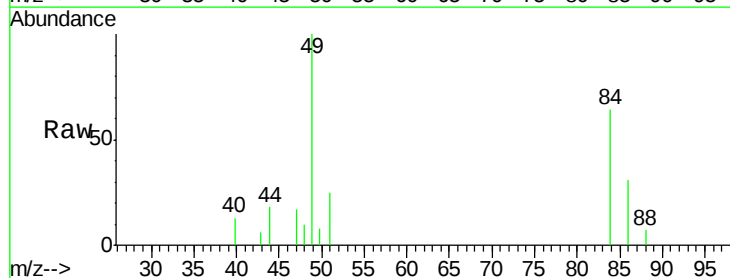
Ion Ratio Lower Upper

84 100

49 155.6 115.0 172.6

51 38.5 33.8 50.8

86 48.1 48.2 72.2#

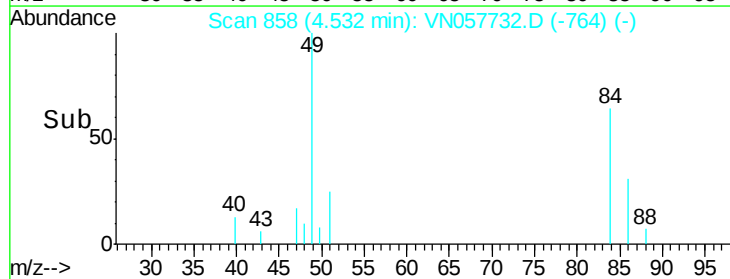
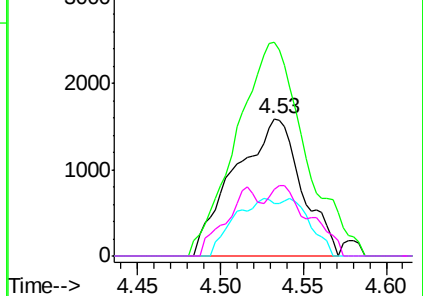


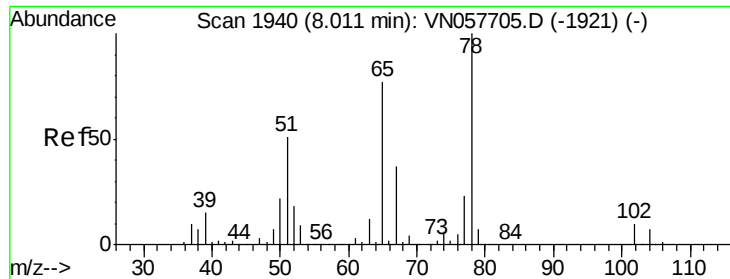
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 55.489 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057732.D

Acq: 6 Sep 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

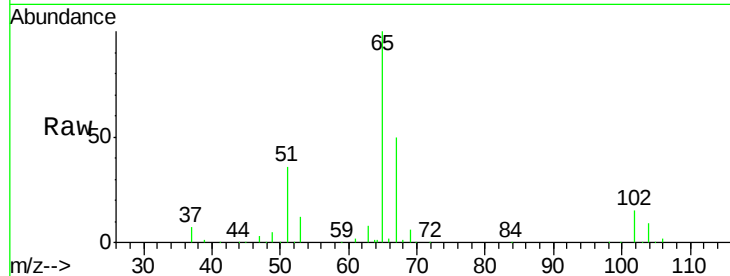
PAR-12-C1-(3.5)

Tot Ion: 65 Resp: 256399

Ion Ratio Lower Upper

65 100

67 49.9 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VN057732.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057732.D (-1921) (-)

8.01

120000

100000

80000

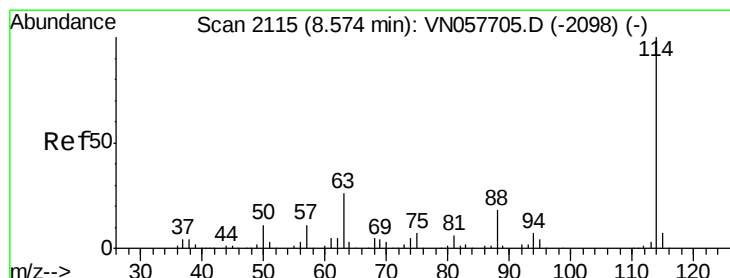
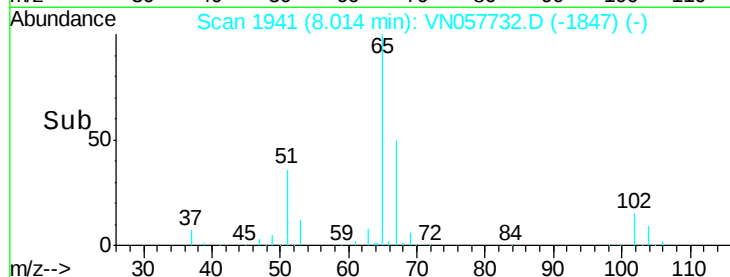
60000

40000

20000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057732.D

Acq: 6 Sep 2019 22:39

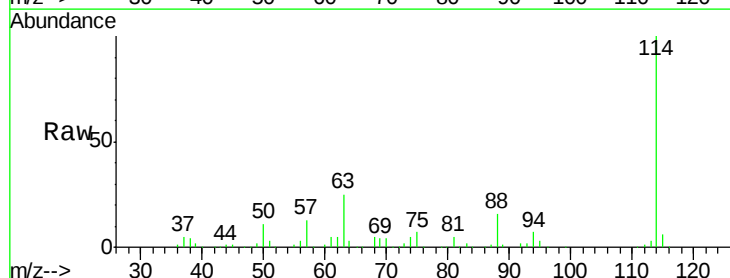
Tgt Ion: 114 Resp: 331636

Ion Ratio Lower Upper

114 100

63 24.6 0.0 52.4

88 16.4 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): VN057732.D (-2098) (-)

Ion 63.00 (62.70 to 63.70): VN057732.D (-2098) (-)

Ion 87.90 (87.60 to 88.60): VN057732.D (-2098) (-)

8.58

200000

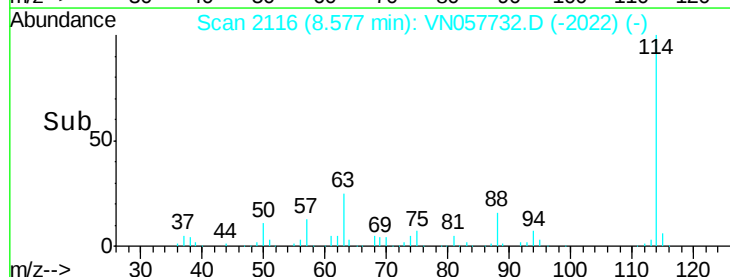
150000

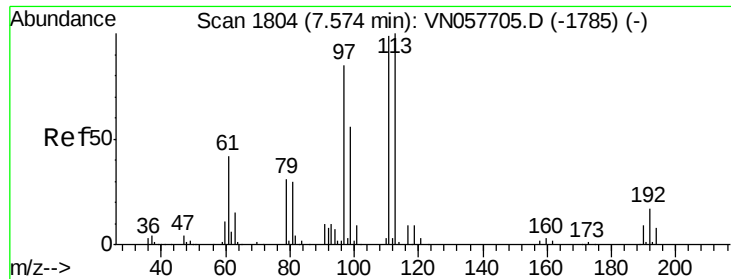
100000

50000

0

Time--> 8.50 8.60 8.70

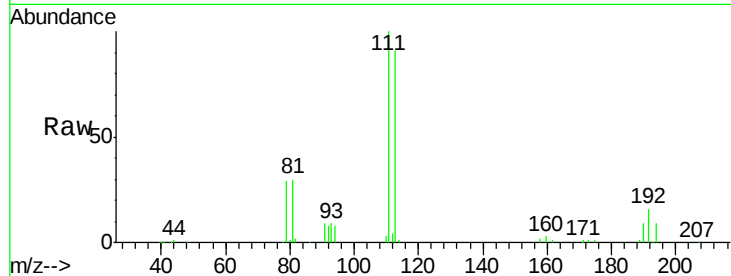




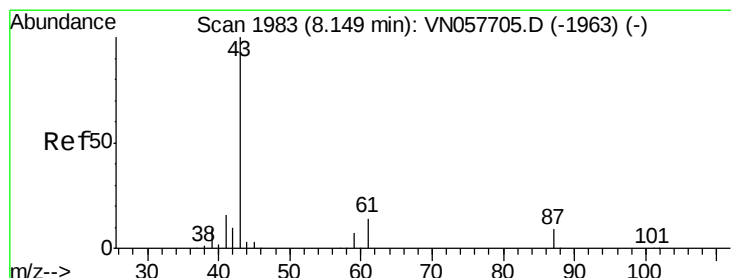
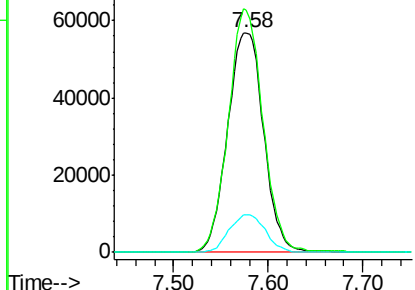
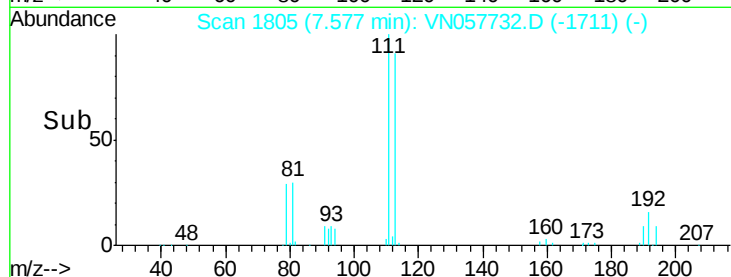
#35
 Dibromofluoromethane
 Concen: 49.930 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057732.D
 Acq: 6 Sep 2019 22:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-C1-(3.5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.9	82.7	124.1
192	17.2	13.8	20.6

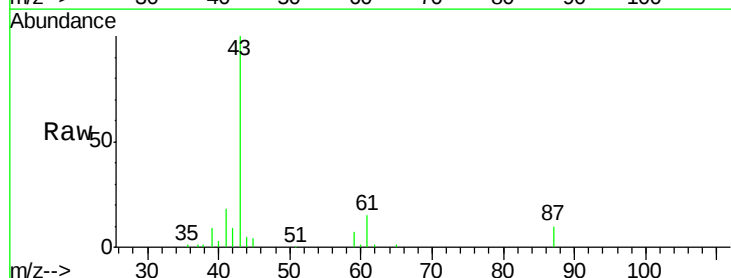


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

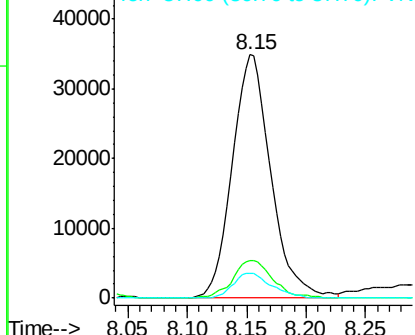
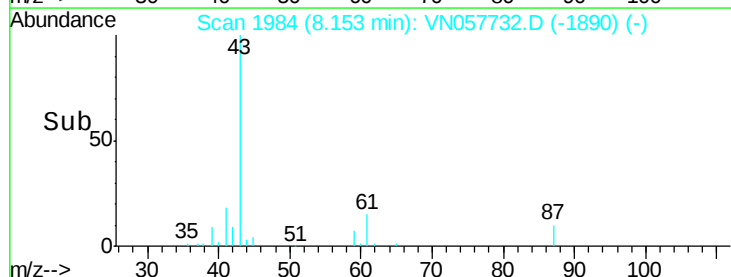


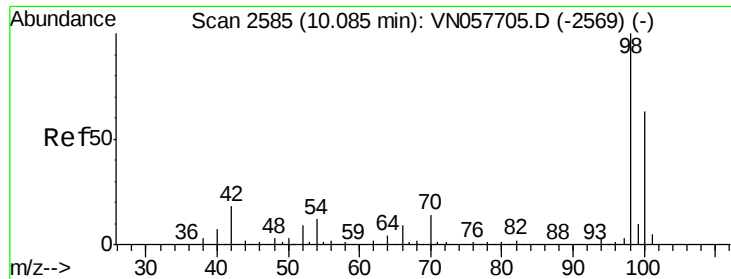
#43
 Isopropyl Acetate
 Concen: 9.350 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN057732.D
 Acq: 6 Sep 2019 22:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.8	19.2
87	10.0	7.8	11.8



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: 52.516 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057732.D

Acq: 6 Sep 2019 22:39

Instrument :

MSVOA_N

ClientSampled :

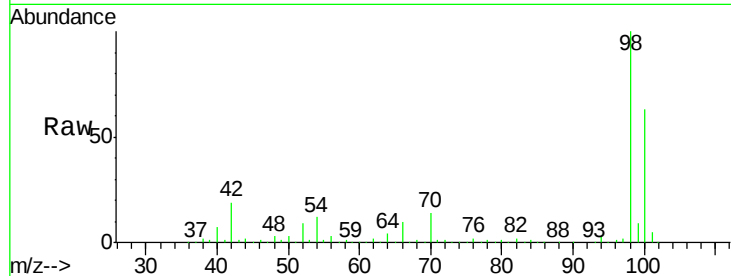
PAR-12-C1-(3.5)

Tot Ion: 98 Resp: 586829

Ion Ratio Lower Upper

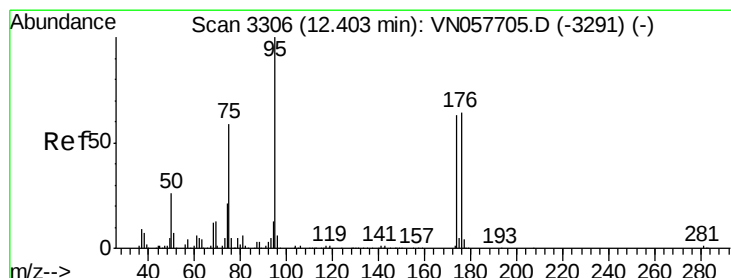
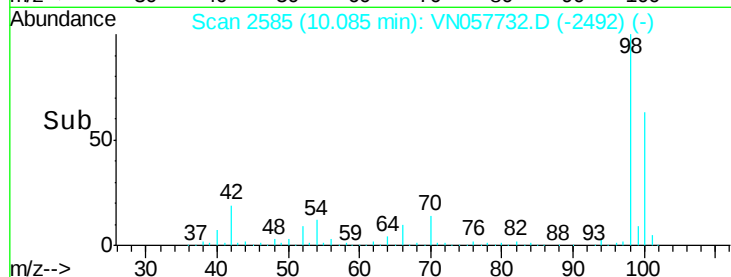
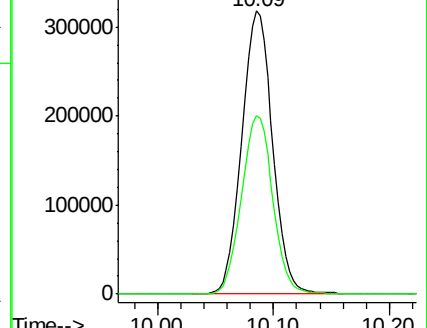
98 100

100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057705.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057705.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 47.023 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057732.D

Acq: 6 Sep 2019 22:39

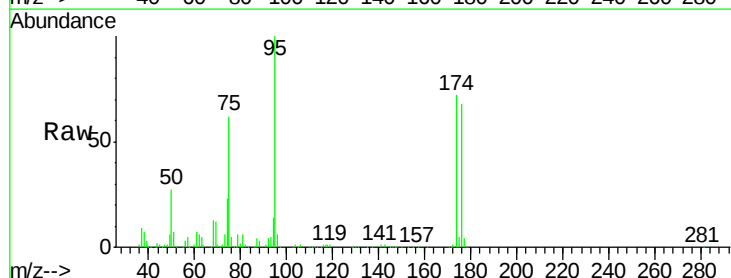
Tgt Ion: 95 Resp: 218247

Ion Ratio Lower Upper

95 100

174 69.4 0.0 128.0

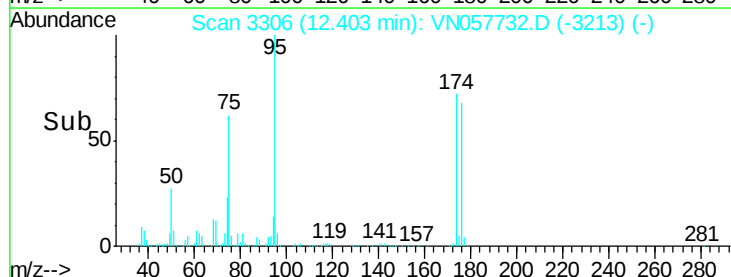
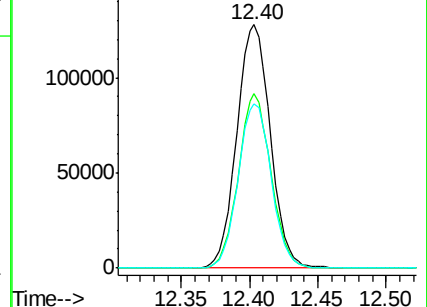
176 66.7 0.0 128.0

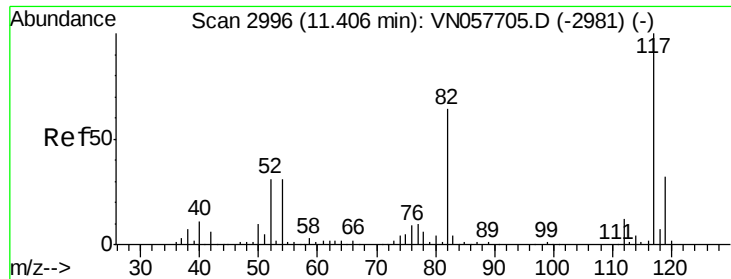


Abundance Ion 94.90 (94.60 to 95.60): VN057705.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057705.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057705.D (-3291) (-)

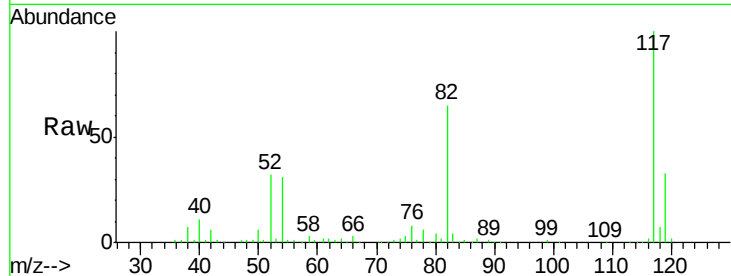




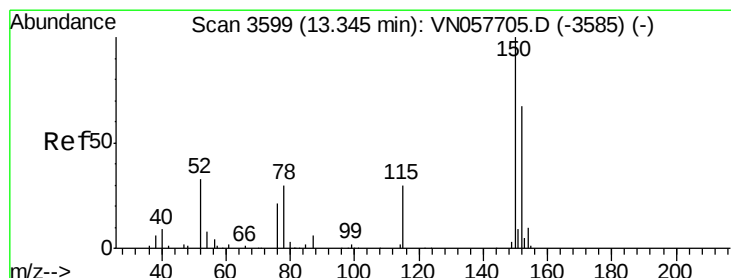
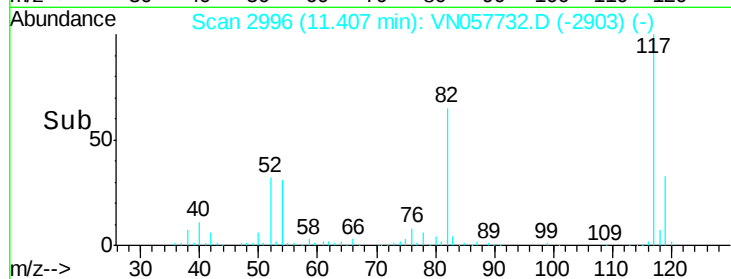
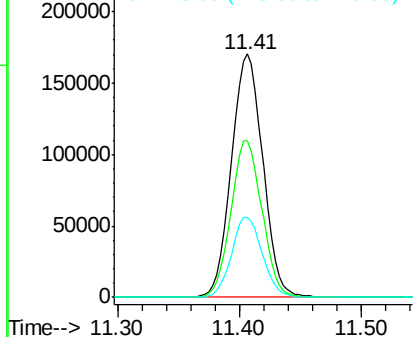
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057732.D
Acq: 6 Sep 2019 22:39

Instrument :
MSVOA_N
ClientSampled :
PAR-12-C1-(3.5)

Tot Ion:117 Resp: 304851
Ion Ratio Lower Upper
117 100
82 64.5 51.4 77.0
119 32.9 25.4 38.2

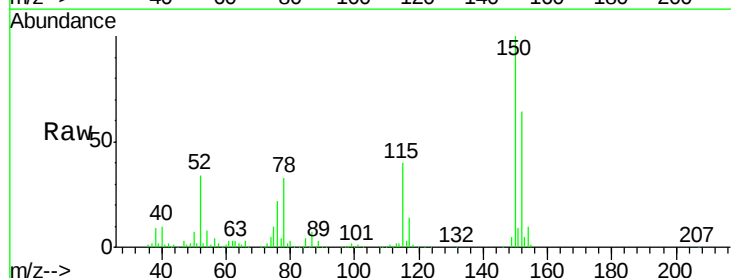


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057732.D
Acq: 6 Sep 2019 22:39

Tgt Ion:152 Resp: 155381
Ion Ratio Lower Upper
152 100
115 64.3 33.8 101.3
150 157.7 0.0 345.4



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

