

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057326.D
 Acq On : 15 Aug 2019 13:02
 Operator : JC/SP
 Sample : K4264-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C2-(2)

Quant Time: Aug 15 13:36:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

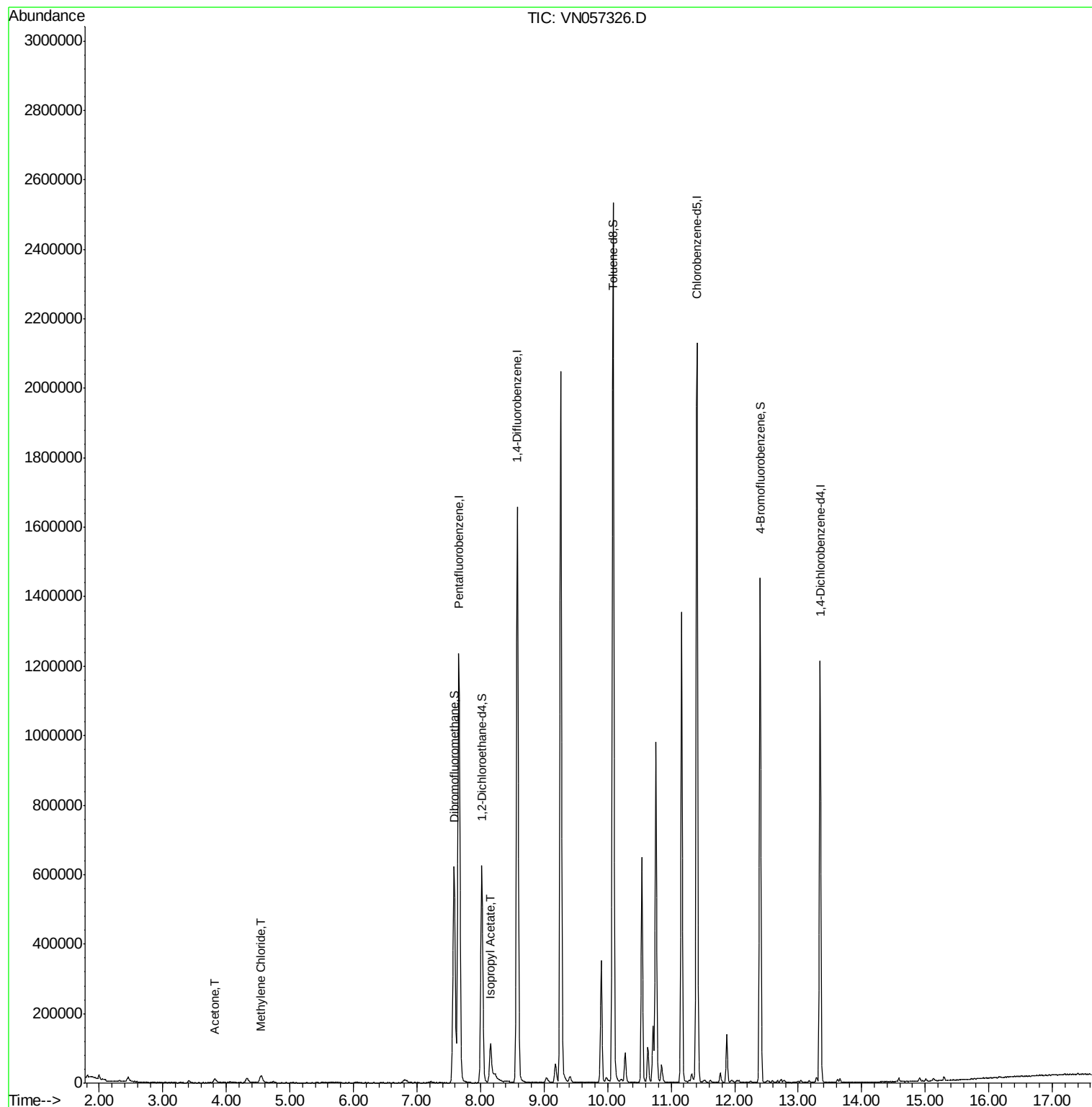
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1123772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1591559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1351662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	356085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	537162	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	
35) Dibromofluoromethane	7.58	113	473073	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
50) Toluene-d8	10.09	98	1854900	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.40	95	507111	37.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.22%	
Target Compounds						
16) Acetone	3.81	43	17506	4.131	ug/l	93
20) Methylene Chloride	4.55	84	16807	1.417	ug/l	92
43) Isopropyl Acetate	8.16	43	139903	5.646	ug/l #	90

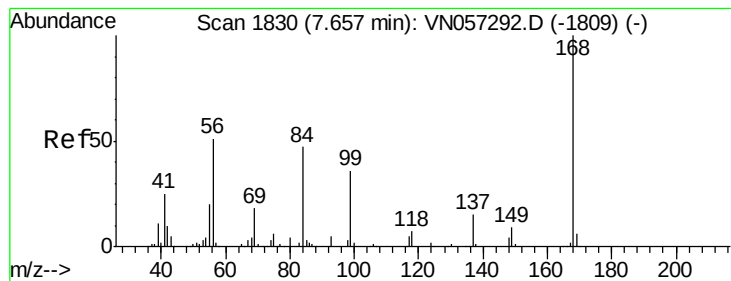
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057326.D

Acq: 15 Aug 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

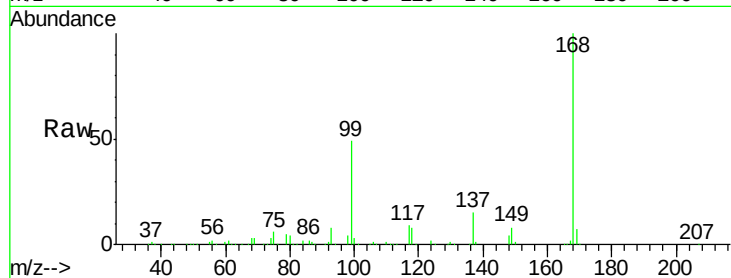
REACTOR-3-C2-(2)

Tot Ion:168 Resp: 1123772

Ion Ratio Lower Upper

168 100

99 48.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

500000

400000

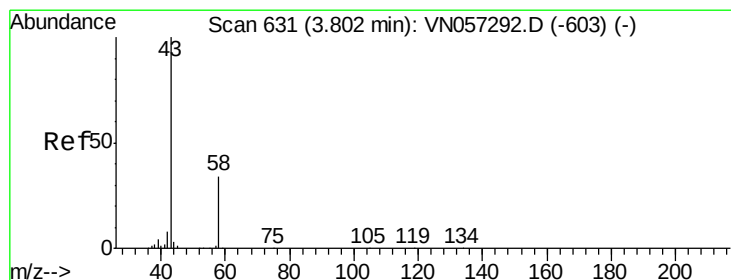
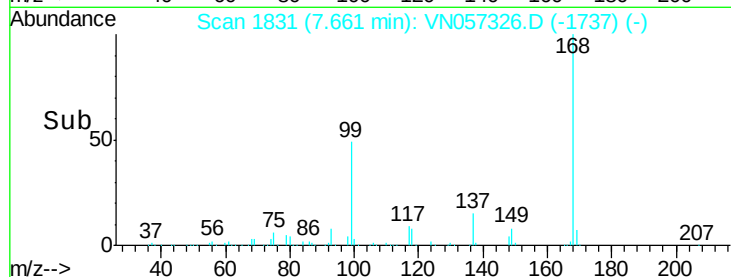
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.131 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057326.D

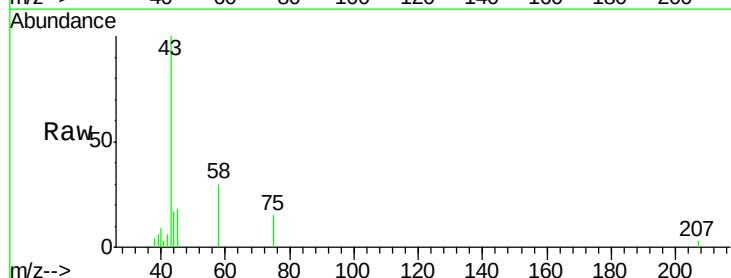
Acq: 15 Aug 2019 13:02

Tgt Ion: 43 Resp: 17506

Ion Ratio Lower Upper

43 100

58 29.6 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

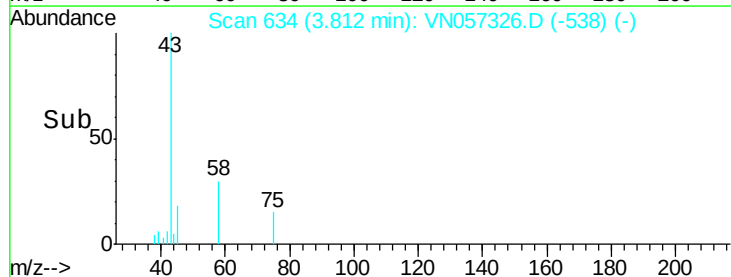
6000

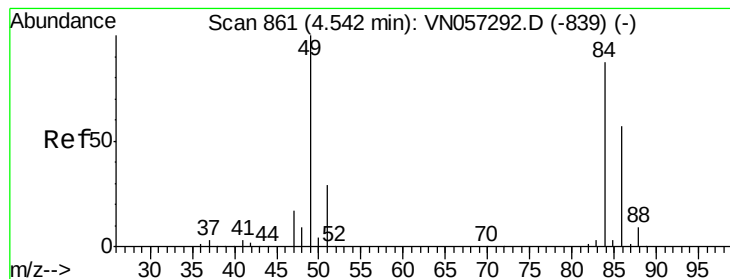
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.417 ug/l

RT: 4.55 min Scan# 863

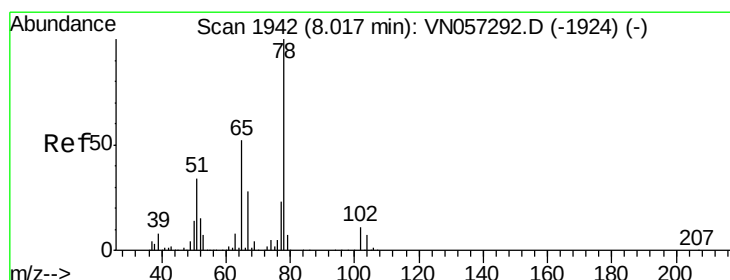
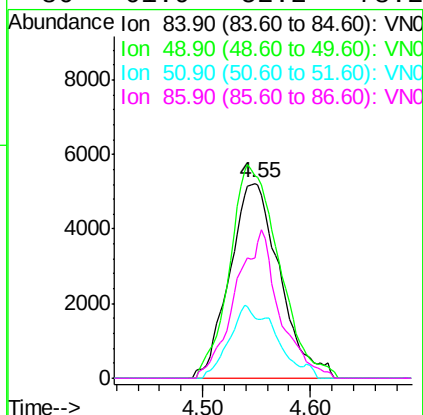
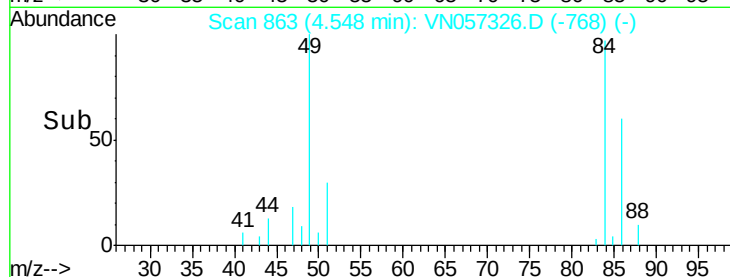
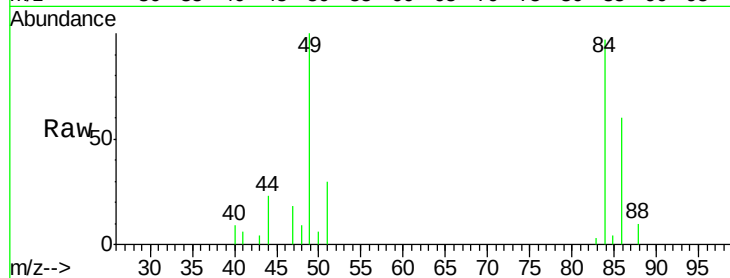
Delta R.T. 0.01 min

Lab File: VN057326.D

Acq: 15 Aug 2019 13:02

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C2-(2)

Tot Ion:	84	Resp:	16807
Ion	Ratio	Lower	Upper
84	100		
49	103.6	92.0	138.0
51	31.0	27.1	40.7
86	61.9	52.2	78.2



#33

1,2-Dichloroethane-d4

Concen: 43.970 ug/l

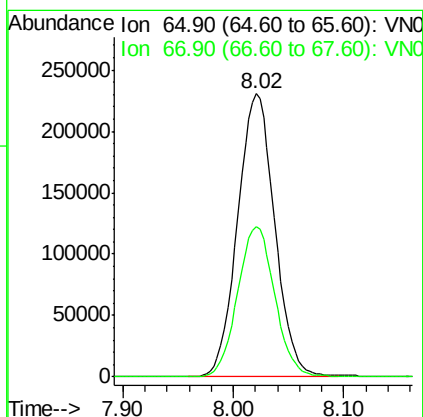
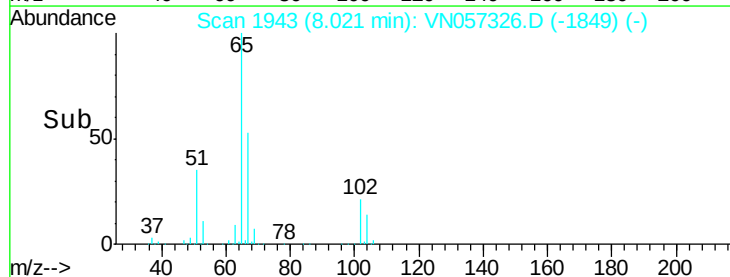
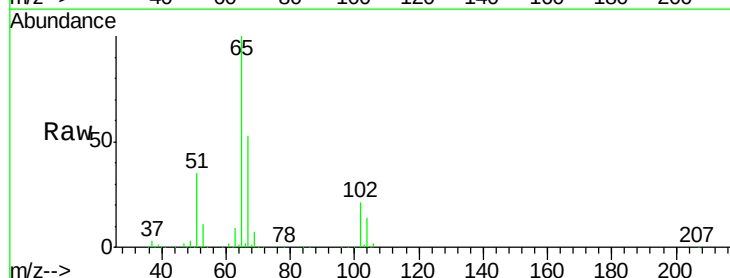
RT: 8.02 min Scan# 1943

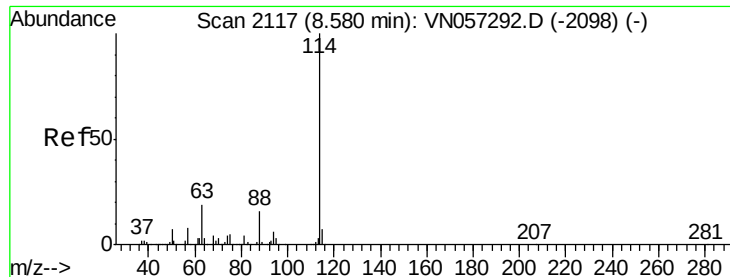
Delta R.T. 0.00 min

Lab File: VN057326.D

Acq: 15 Aug 2019 13:02

Tgt Ion:	65	Resp:	537162
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.4

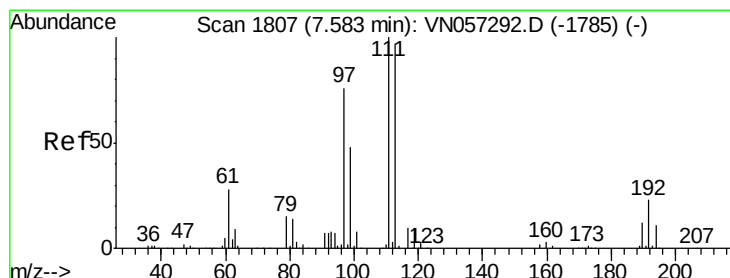
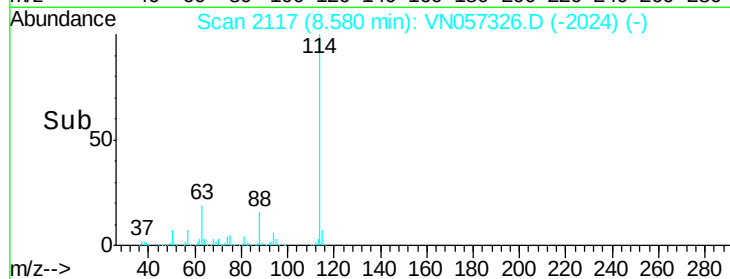
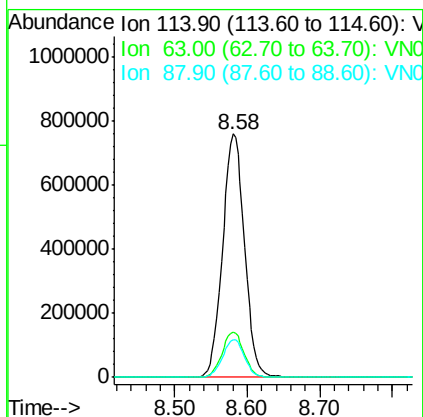
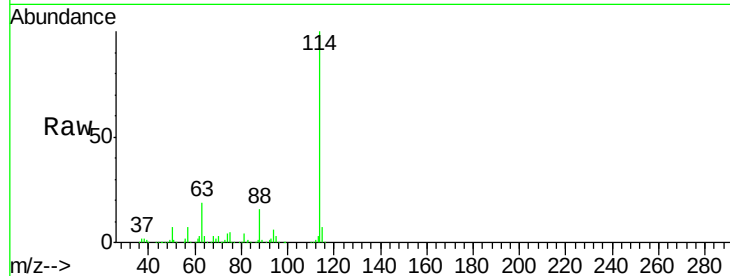




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057326.D
 Acq: 15 Aug 2019 13:02

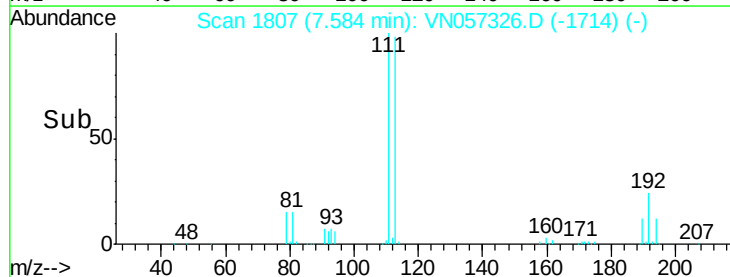
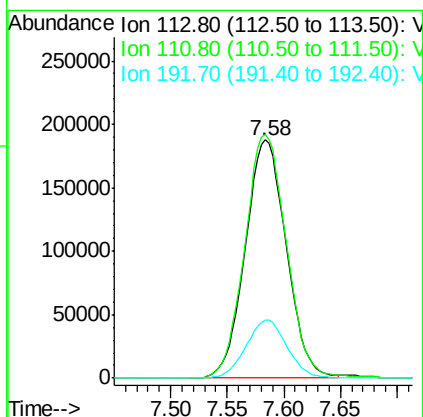
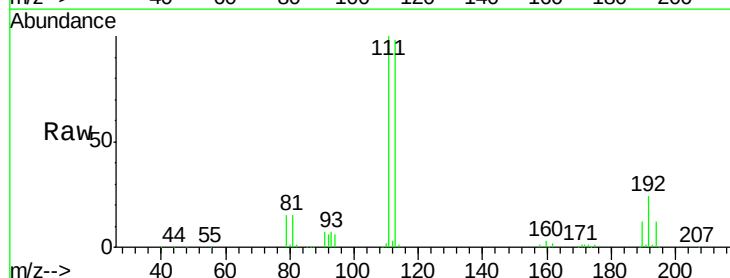
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C2-(2)

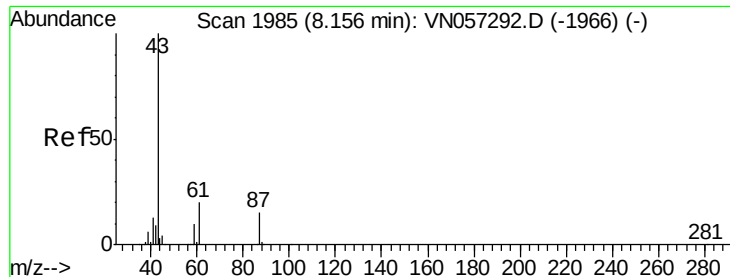
Tot Ion:114 Resp: 1591559
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.8
 88 15.6 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.344 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057326.D
 Acq: 15 Aug 2019 13:02

Tgt Ion:113 Resp: 473073
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.1 123.1
 192 24.3 19.3 28.9





#43

Isopropyl Acetate

Concen: 5.646 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057326.D

Acq: 15 Aug 2019 13:02

Instrument :

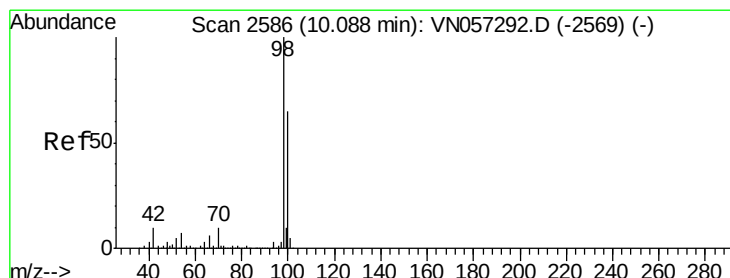
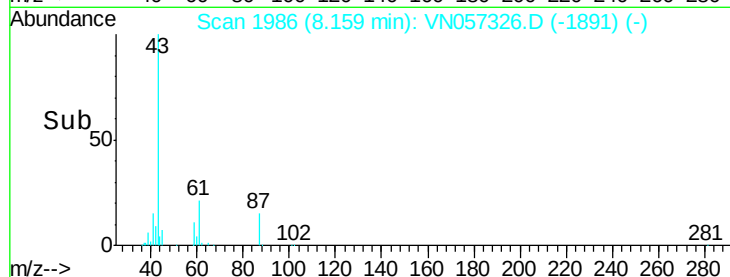
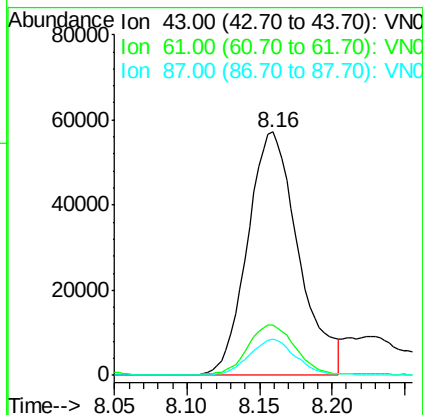
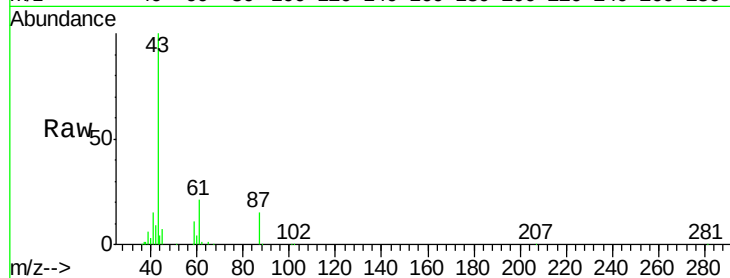
MSVOA_N

ClientSampleId :

REACTOR-3-C2-(2)

Tot Ion: 43 Resp: 139903

Ion	Ratio	Lower	Upper
43	100		
61	19.6	21.6	32.4#
87	13.7	11.4	17.0



#50

Toluene-d8

Concen: 48.610 ug/l

RT: 10.09 min Scan# 2586

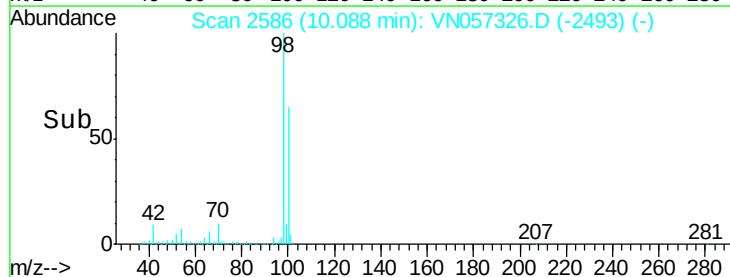
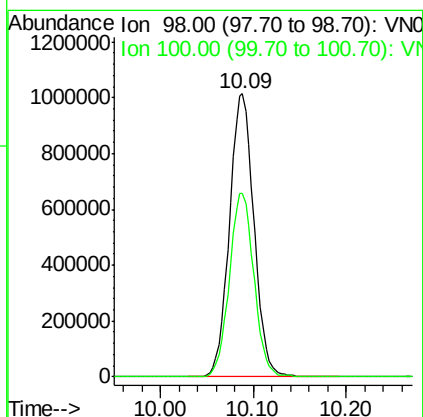
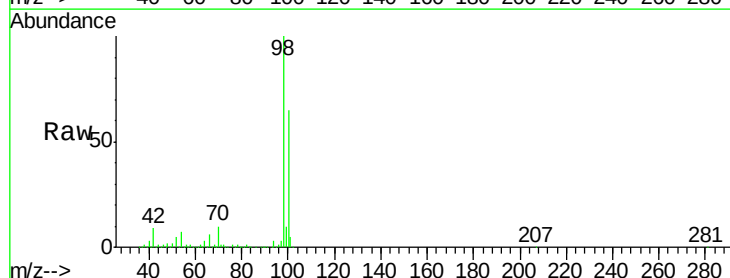
Delta R.T. 0.00 min

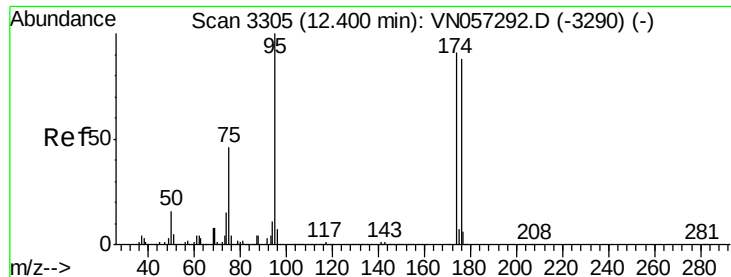
Lab File: VN057326.D

Acq: 15 Aug 2019 13:02

Tgt Ion: 98 Resp: 1854900

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 37.605 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057326.D

Acq: 15 Aug 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C2-(2)

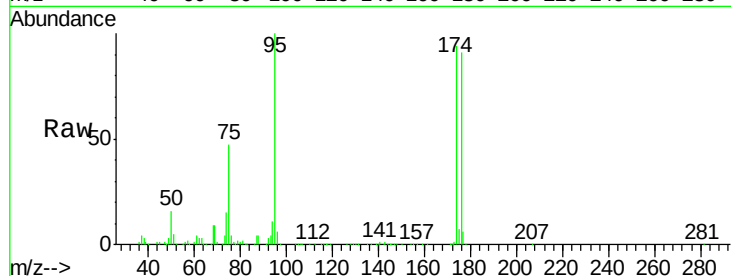
Tot Ion: 95 Resp: 507111

Ion Ratio Lower Upper

95 100

174 94.3 0.0 185.0

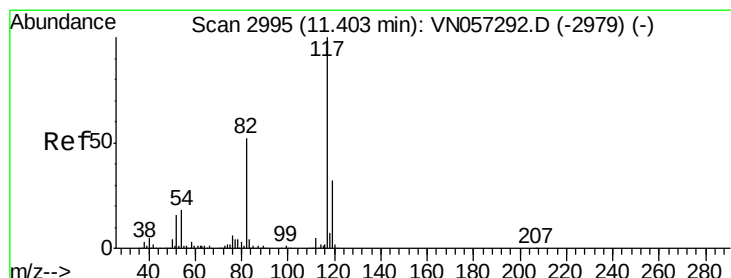
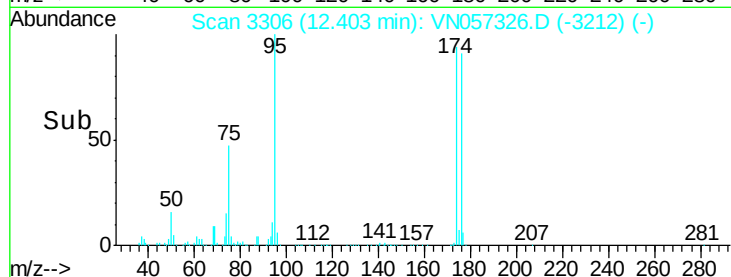
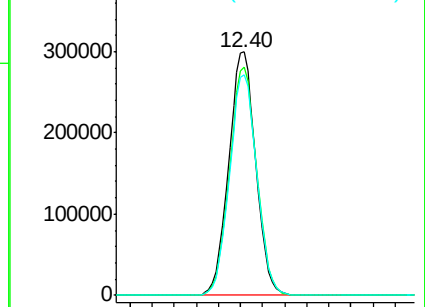
176 91.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VN057326.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057326.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057326.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057326.D

Acq: 15 Aug 2019 13:02

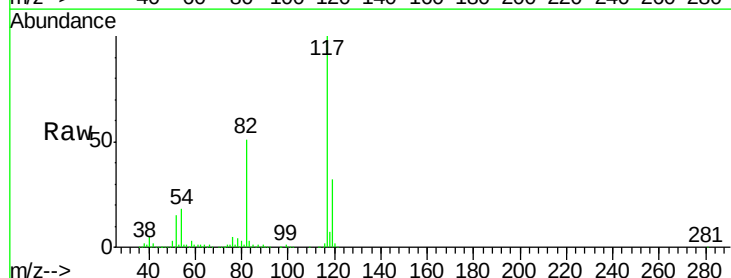
Tgt Ion: 117 Resp: 1351662

Ion Ratio Lower Upper

117 100

82 51.5 41.2 61.8

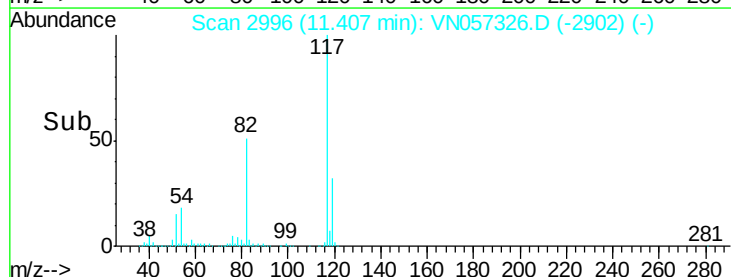
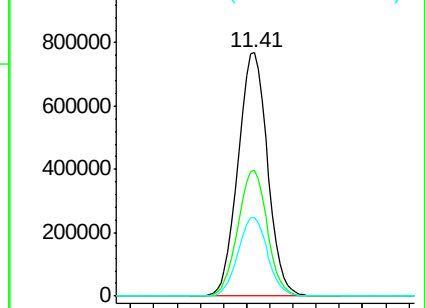
119 32.2 25.8 38.8

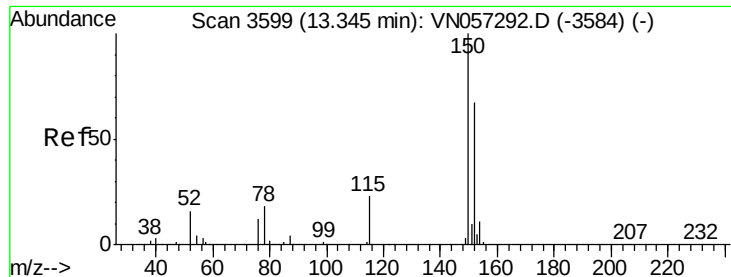


Abundance Ion 116.90 (116.60 to 117.60): VN057326.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057326.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057326.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057326.D

Acq: 15 Aug 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C2-(2)

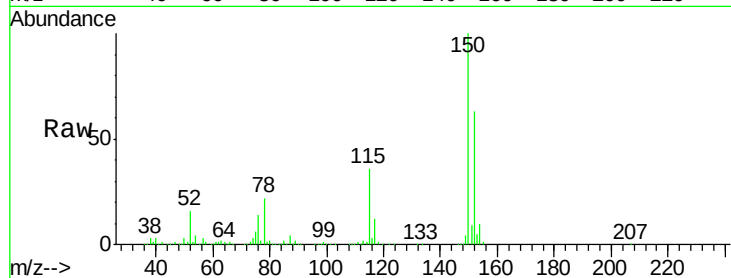
Tot Ion:152 Resp: 356085

Ion Ratio Lower Upper

152 100

115 56.3 27.3 81.9

150 157.8 0.0 344.4



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

