

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081819\
 Data File : VN057364.D
 Acq On : 16 Aug 2019 19:35
 Operator : JC/SP
 Sample : K4265-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-4-C-(3.4)

Quant Time: Aug 17 04:05:06 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

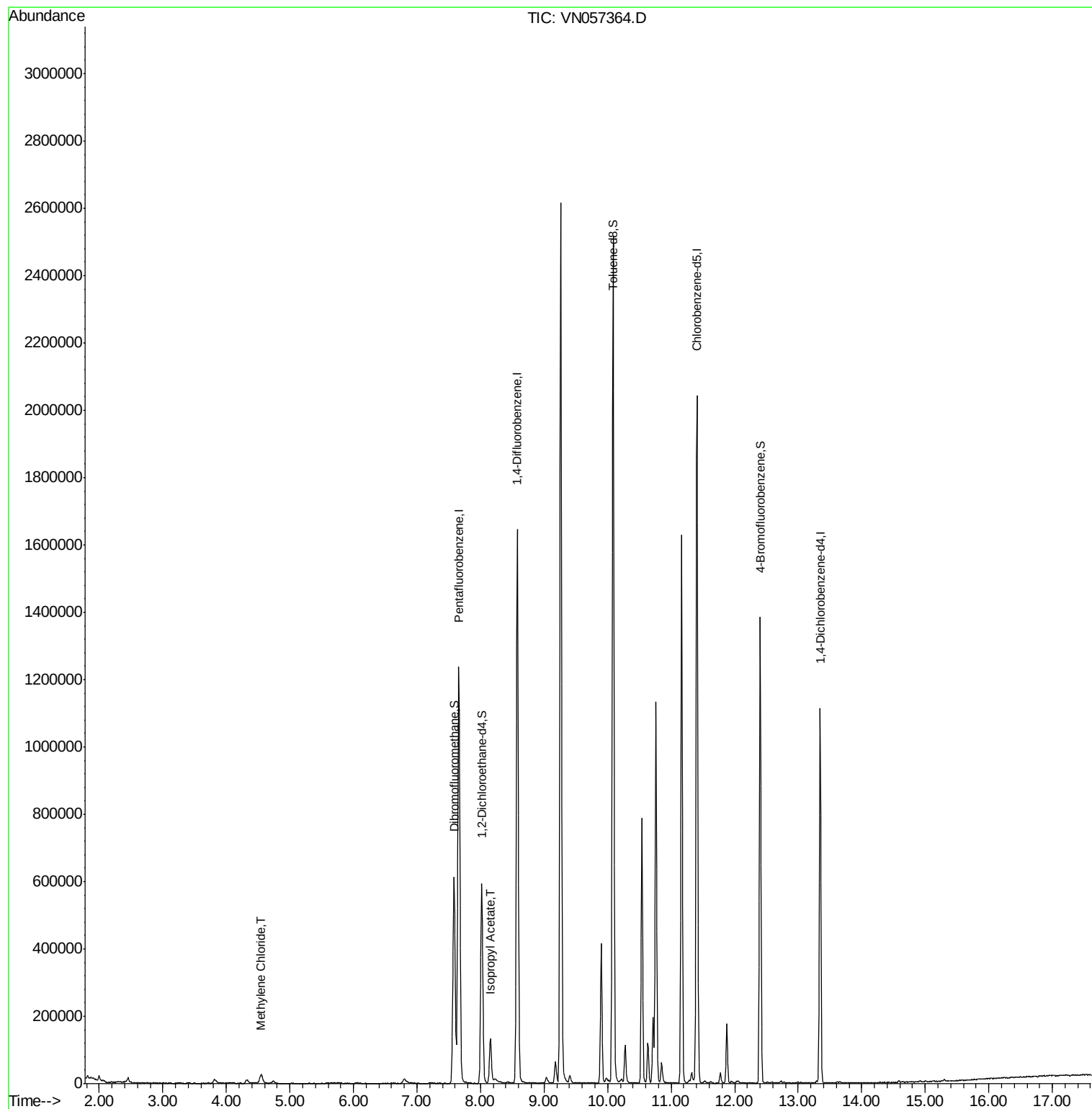
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1142724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1588770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1306697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	330913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	511654	41.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.38%	
35) Dibromofluoromethane	7.58	113	468899	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
50) Toluene-d8	10.09	98	1848193	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.40	95	475651	35.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.66%	
Target Compounds						
20) Methylene Chloride	4.54	84	22136	1.836	ug/l #	89
43) Isopropyl Acetate	8.16	43	160307	6.652	ug/l	94

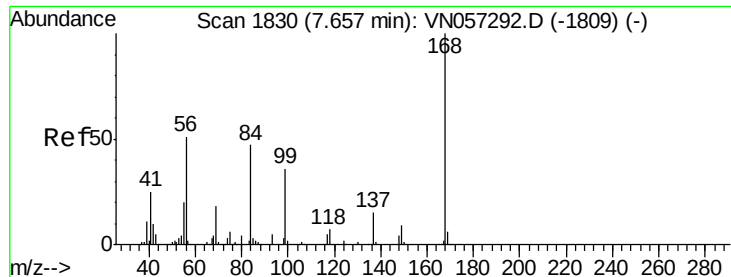
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

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Acq: 16 Aug 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

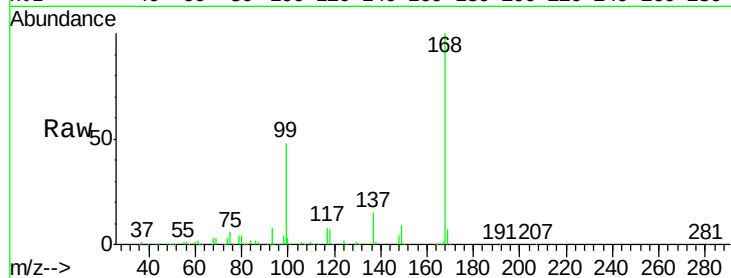
REACTOR-4-C-(3.4)

Tot Ion:168 Resp: 1142724

Ion Ratio Lower Upper

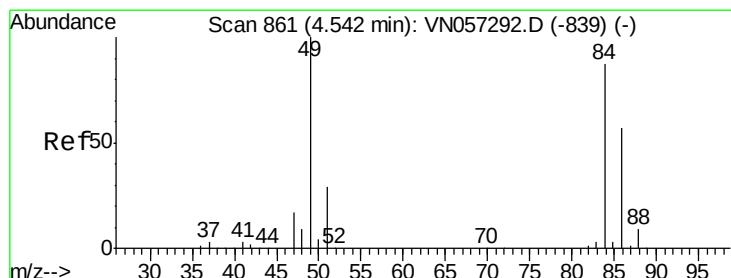
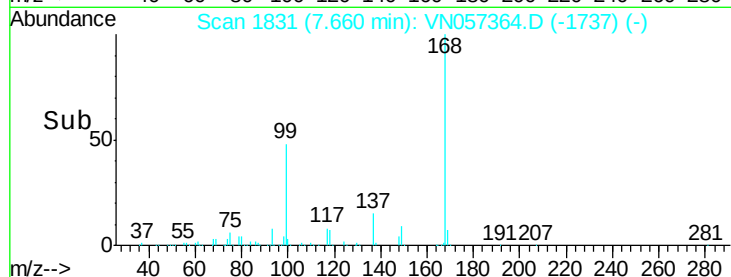
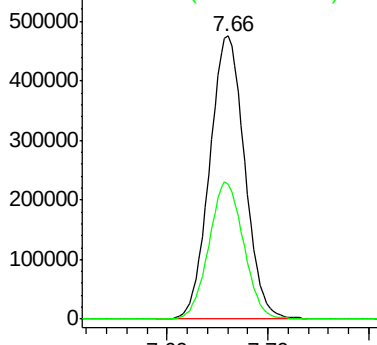
168 100

99 47.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 1.836 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN057364.D

Acq: 16 Aug 2019 19:35

Tgt Ion: 84 Resp: 22136

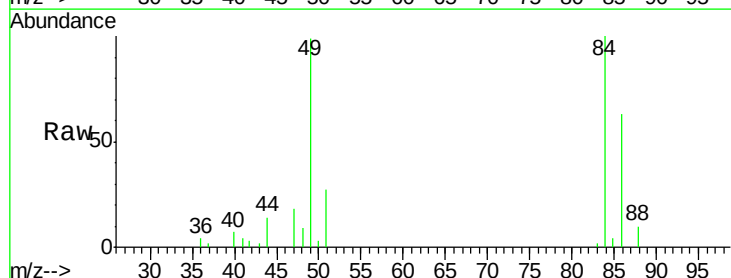
Ion Ratio Lower Upper

84 100

49 98.9 92.0 138.0

51 26.6 27.1 40.7#

86 63.1 52.2 78.2

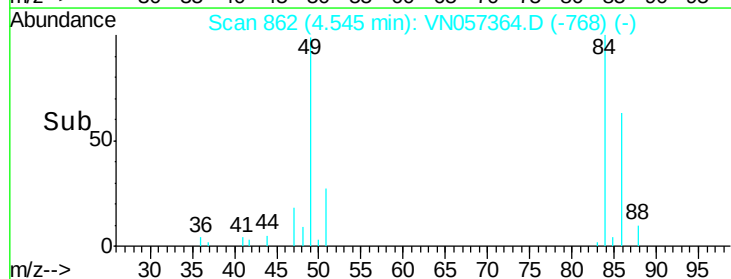
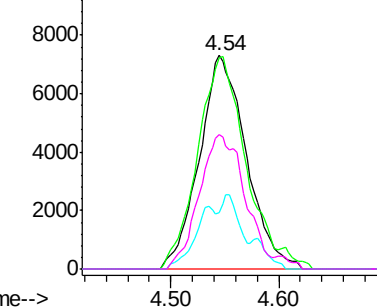


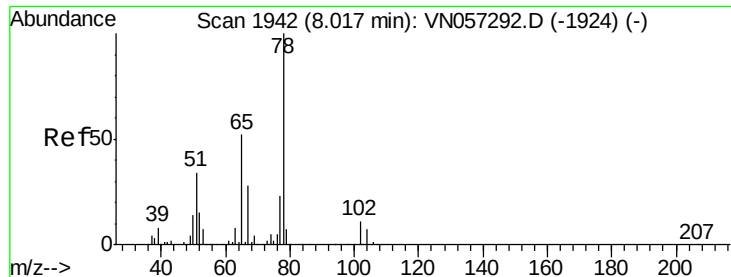
Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

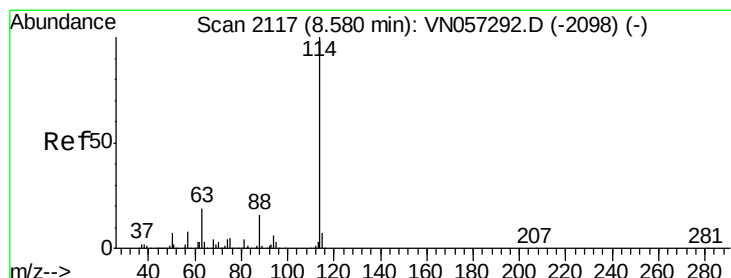
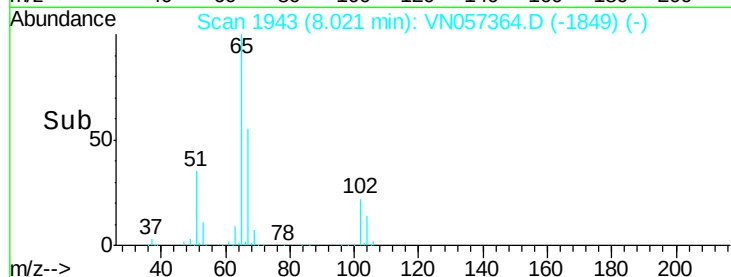
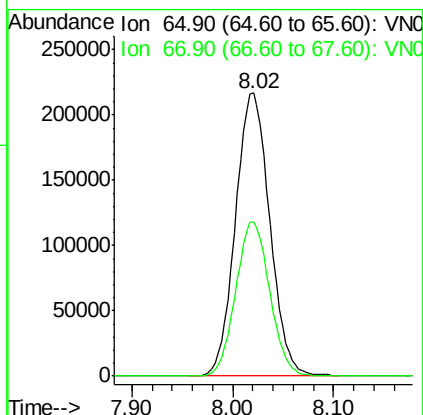
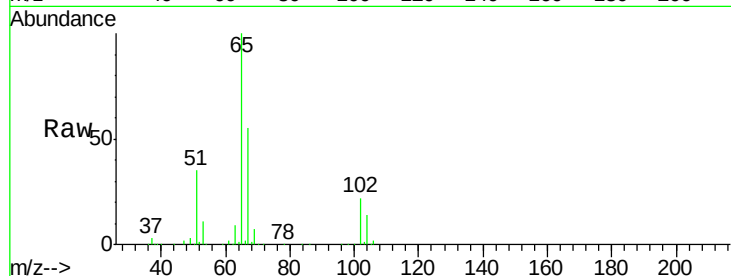




#33
 1,2-Dichloroethane-d4
 Concen: 41.187 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057364.D
 Acq: 16 Aug 2019 19:35

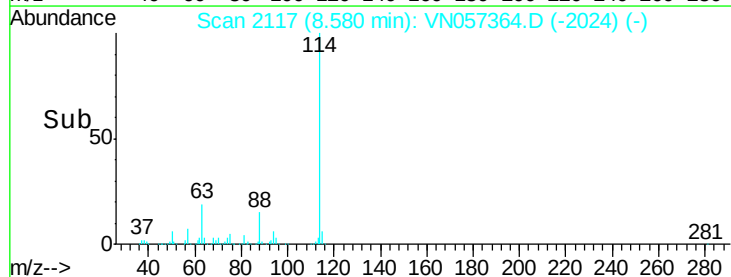
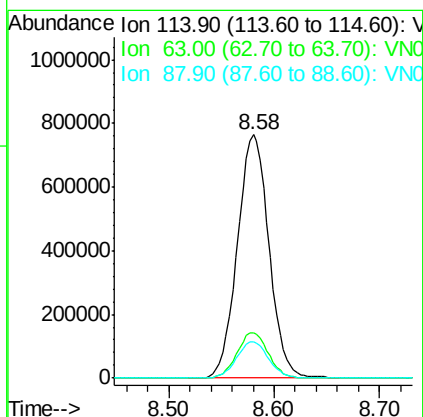
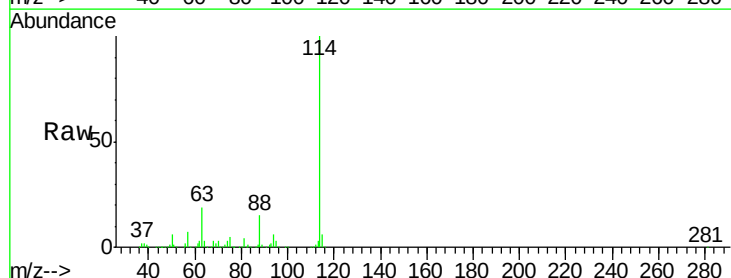
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-4-C-(3.4)

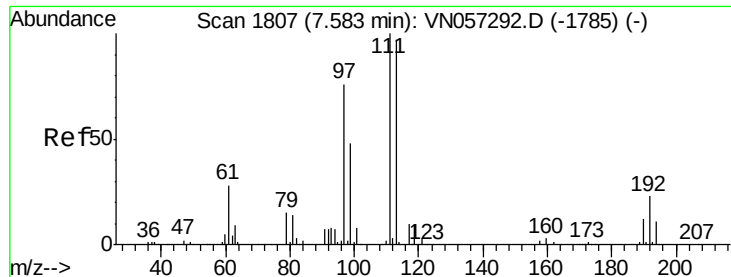
Tot Ion: 65 Resp: 511654
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057364.D
 Acq: 16 Aug 2019 19:35

Tgt Ion: 114 Resp: 1588770
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.8
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.023 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN057364.D

Acq: 16 Aug 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-4-C-(3.4)

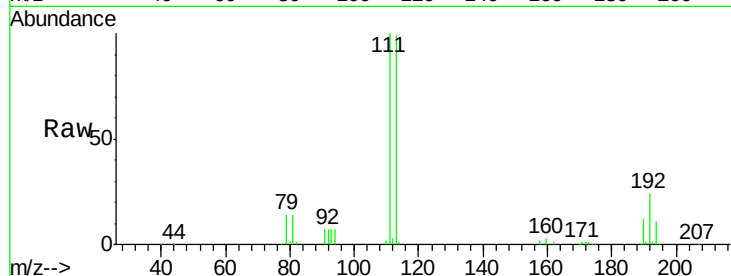
Tot Ion:113 Resp: 468899

Ion Ratio Lower Upper

113 100

111 103.6 82.1 123.1

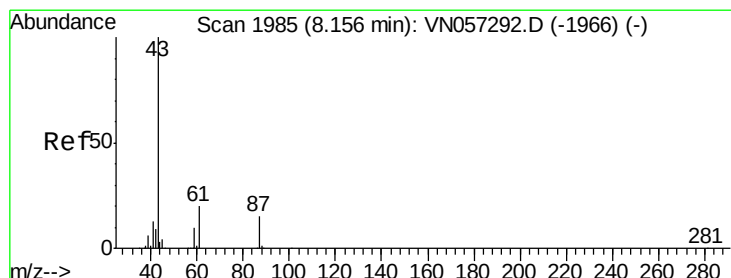
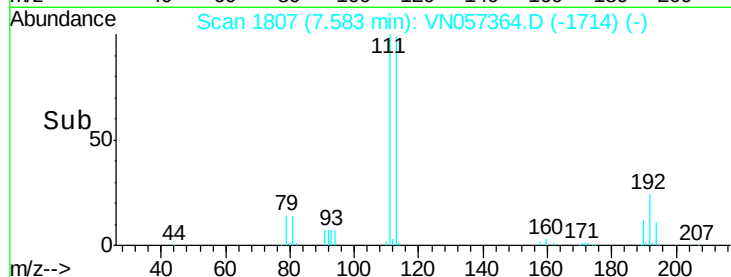
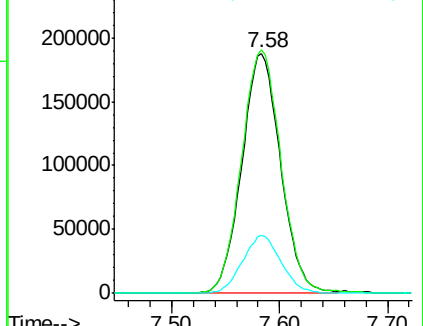
192 24.2 19.3 28.9



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: 6.652 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057364.D

Acq: 16 Aug 2019 19:35

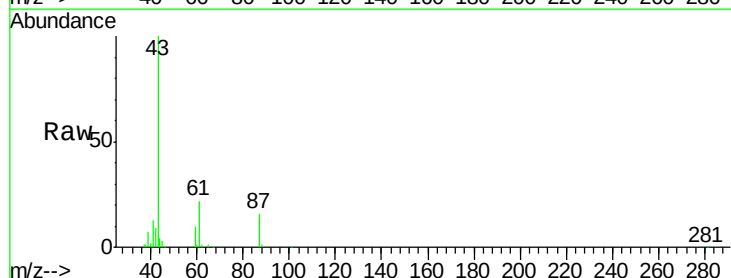
Tgt Ion: 43 Resp: 160307

Ion Ratio Lower Upper

43 100

61 22.6 21.6 32.4

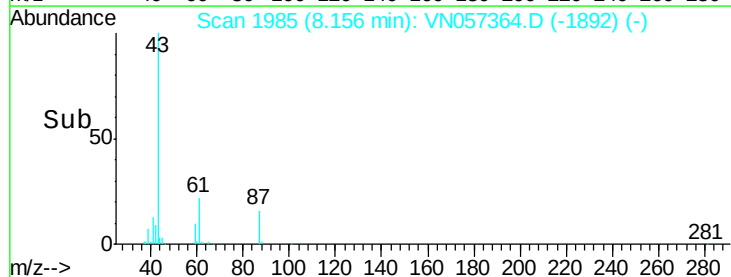
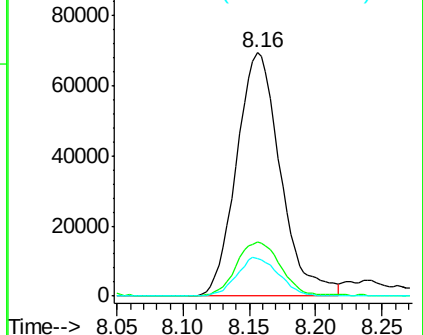
87 15.2 11.4 17.0

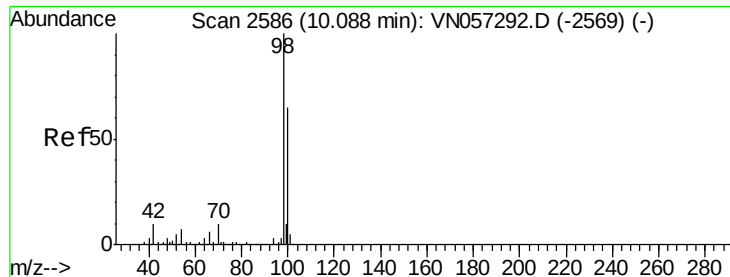


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.519 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN057364.D

Acq: 16 Aug 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

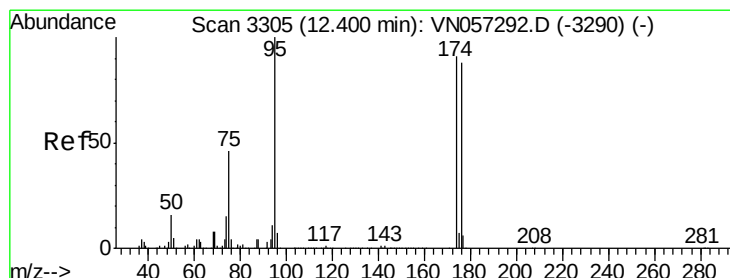
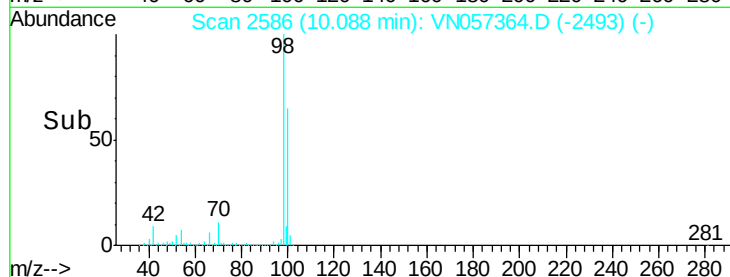
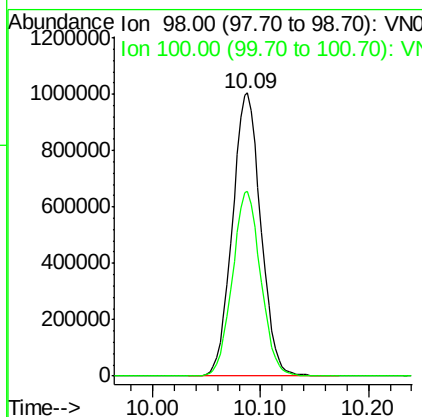
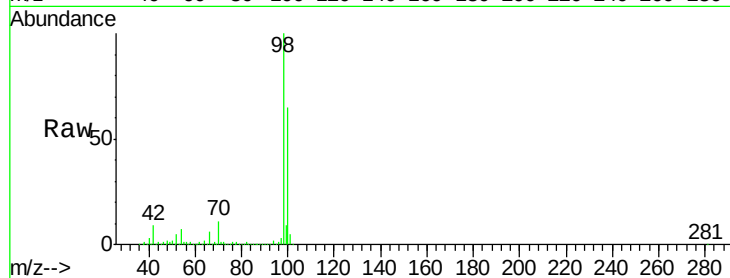
REACTOR-4-C-(3.4)

Tot Ion: 98 Resp: 1848193

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 35.334 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057364.D

Acq: 16 Aug 2019 19:35

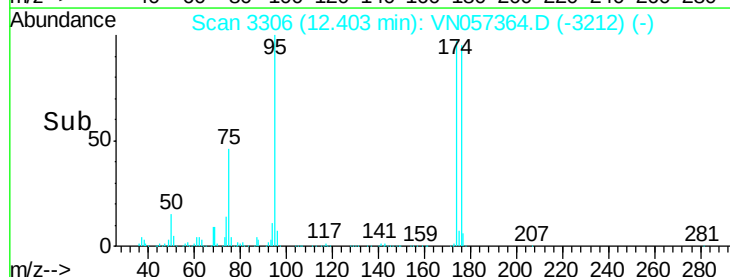
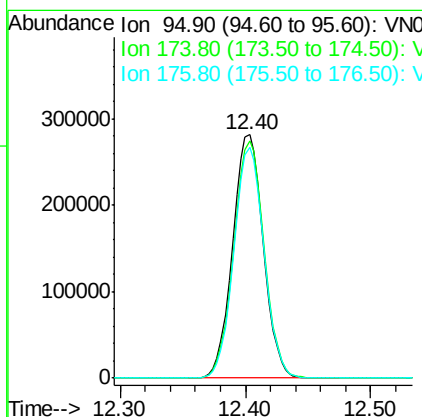
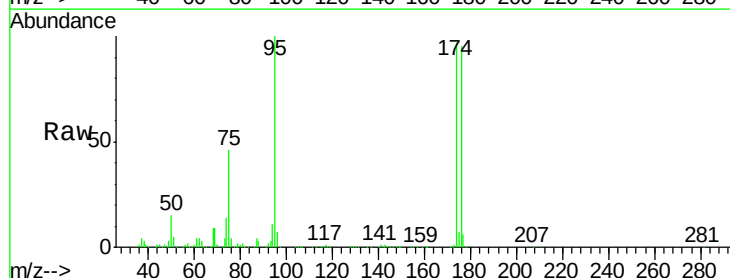
Tgt Ion: 95 Resp: 475651

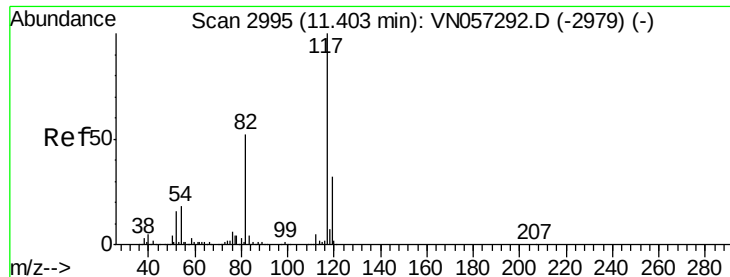
Ion Ratio Lower Upper

95 100

174 97.0 0.0 185.0

176 93.5 0.0 181.0

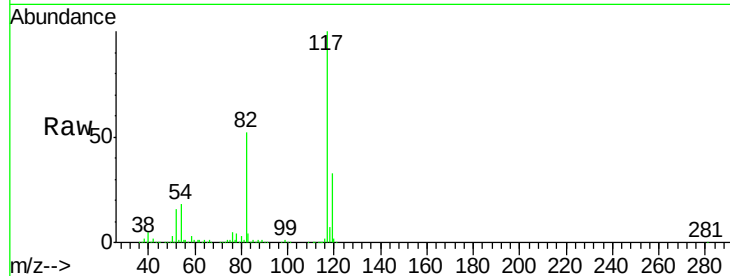




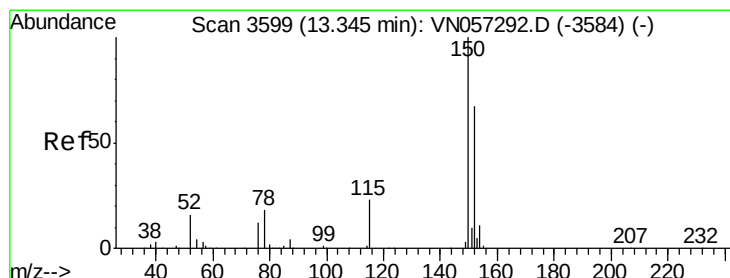
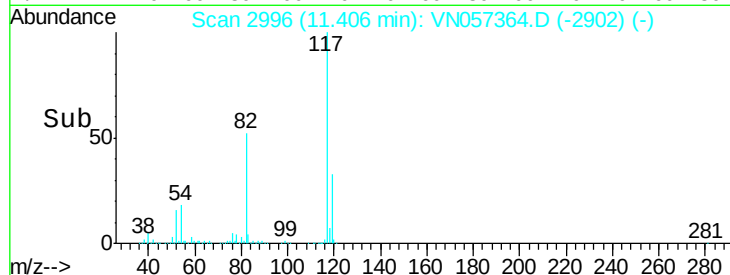
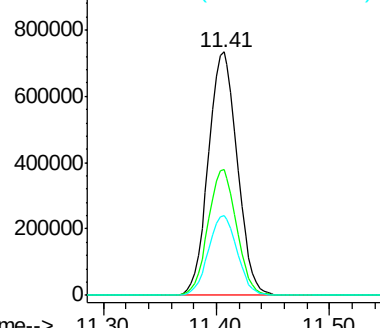
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057364.D
Acq: 16 Aug 2019 19:35

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-4-C-(3.4)

Tot Ion:117 Resp: 1306697
Ion Ratio Lower Upper
117 100
82 51.7 41.2 61.8
119 32.8 25.8 38.8

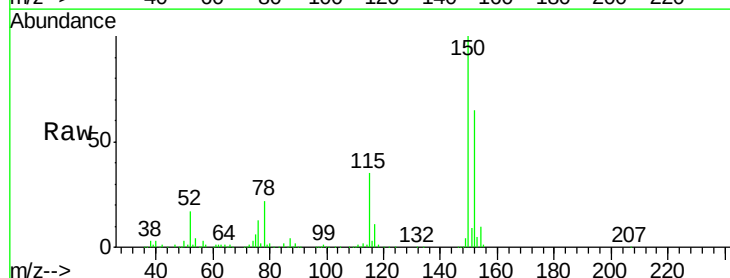


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057364.D
Acq: 16 Aug 2019 19:35

Tgt Ion:152 Resp: 330913
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 155.6 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

