

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057236.D
 Acq On : 12 Aug 2019 23:44
 Operator : JC/SP
 Sample : K4231-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-E-(3)

Quant Time: Aug 13 03:45:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

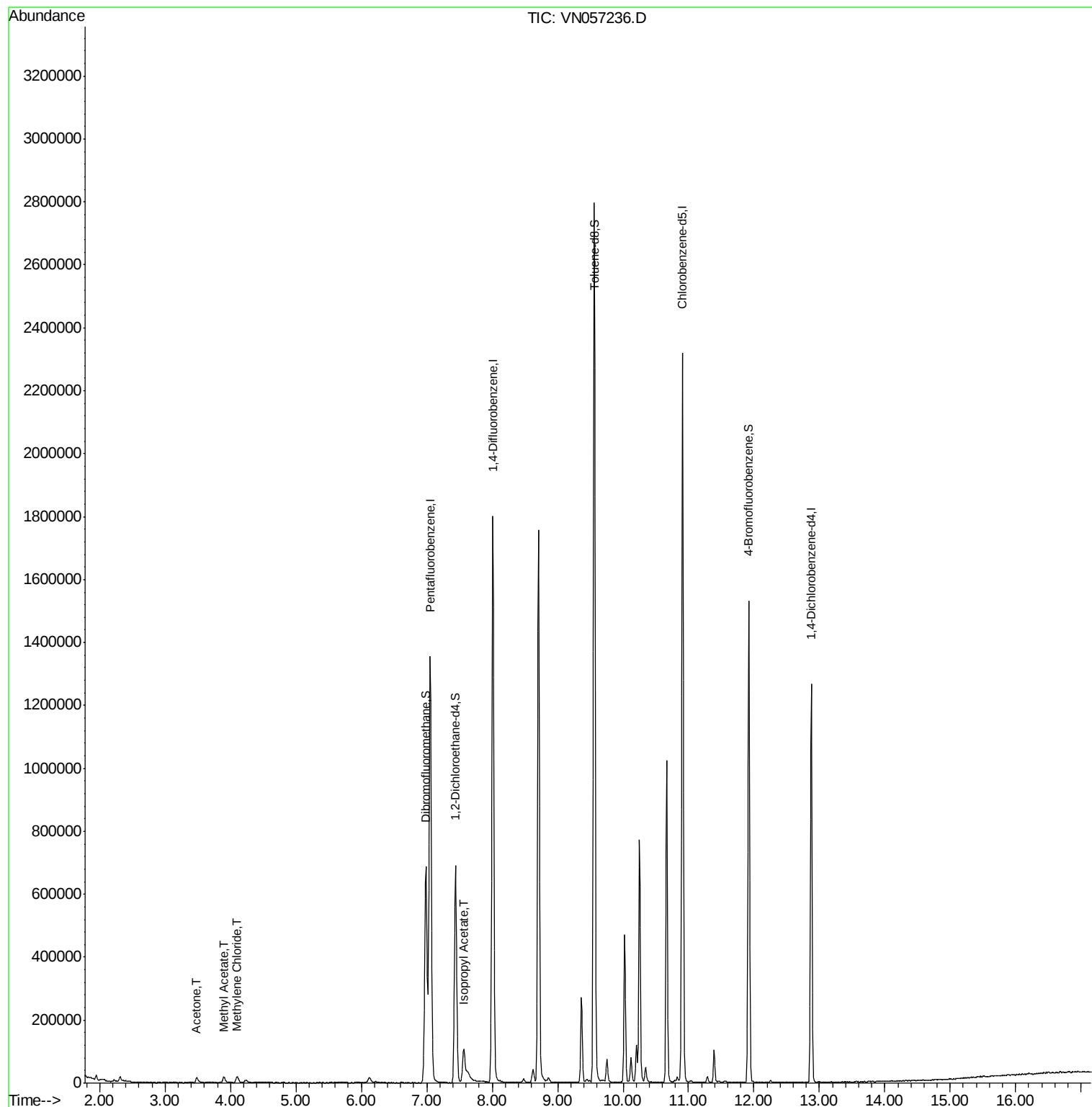
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1293977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1799381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1476825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	373444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	608213	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
35) Dibromofluoromethane	6.99	113	546133	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	9.56	98	2091462	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.92	95	538931	38.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.44%	
Target Compounds						
16) Acetone	3.48	43	21753	5.413	ug/l	99
18) Methyl Acetate	3.90	43	29529	1.833	ug/l	100
20) Methylene Chloride	4.10	84	14494	1.093	ug/l	97
43) Isopropyl Acetate	7.57	43	167944	8.058	ug/l #	75

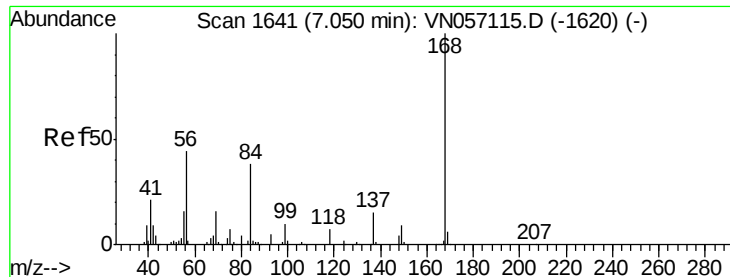
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081219\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057236.D

Acq: 12 Aug 2019 23:44

Instrument :

MSVOA_N

ClientSampleId :

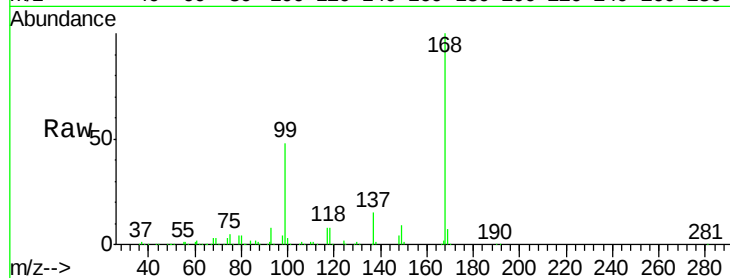
REACTOR-3-E-(3)

Tot Ion:168 Resp: 1293977

Ion Ratio Lower Upper

168 100

99 47.9 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

600000

500000

400000

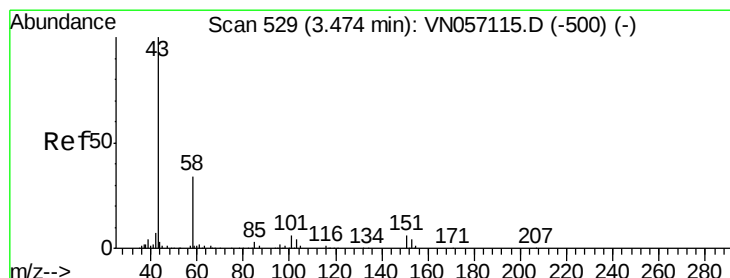
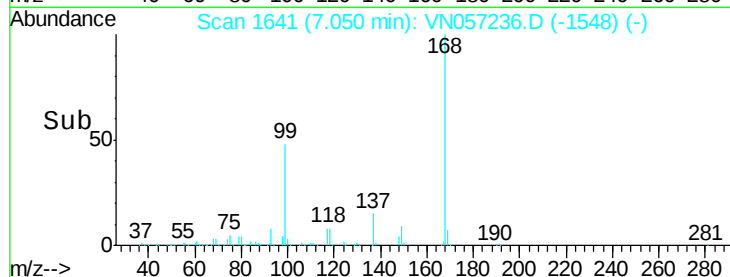
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 5.413 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057236.D

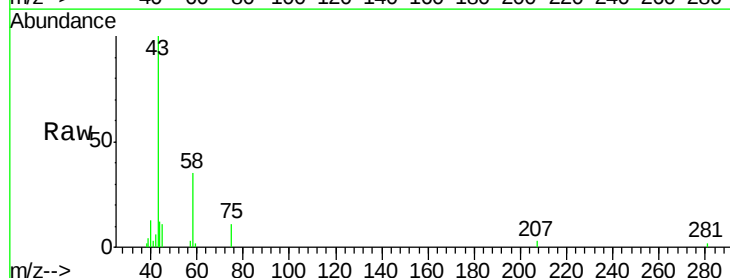
Acq: 12 Aug 2019 23:44

Tgt Ion: 43 Resp: 21753

Ion Ratio Lower Upper

43 100

58 35.0 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.48

10000

8000

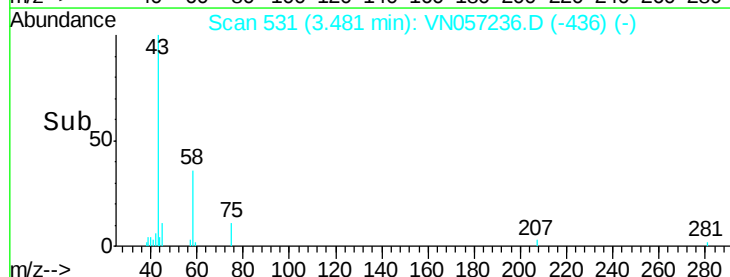
6000

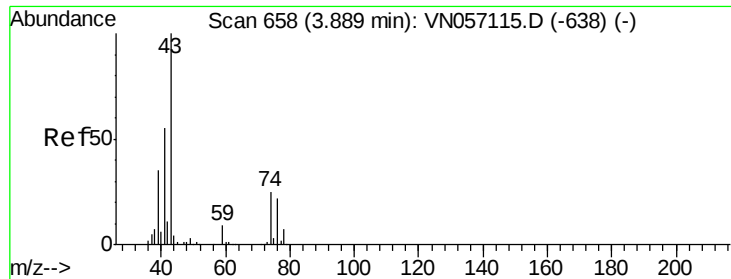
4000

2000

0

Time--> 3.40 3.45 3.50 3.55

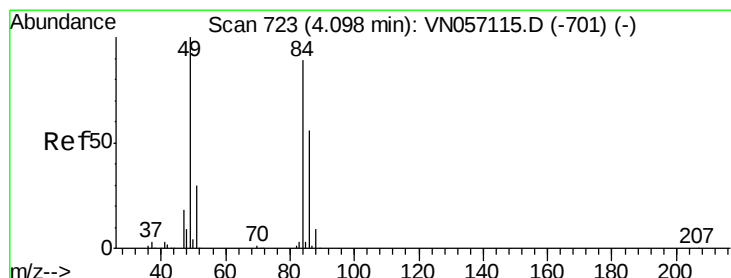
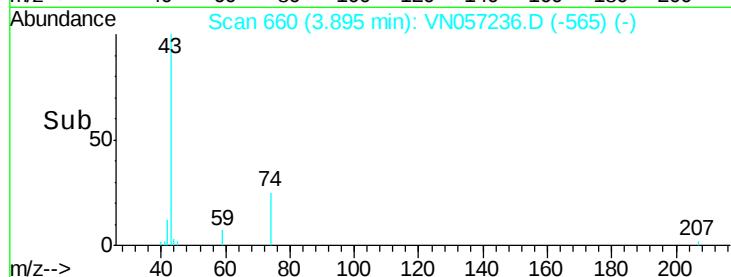
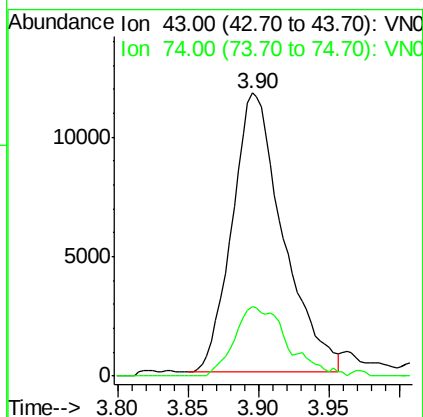
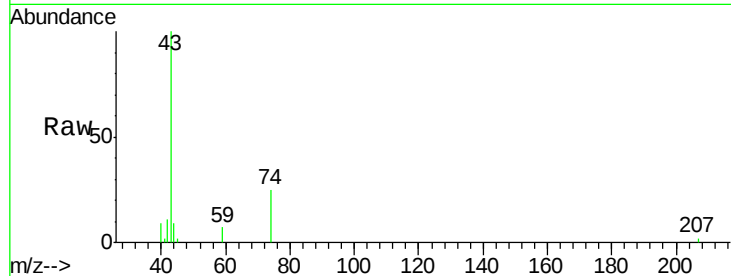




#18
Methvl Acetate
Concen: 1.833 ug/l
RT: 3.90 min Scan# 660
Delta R.T. 0.01 min
Lab File: VN057236.D
Acq: 12 Aug 2019 23:44

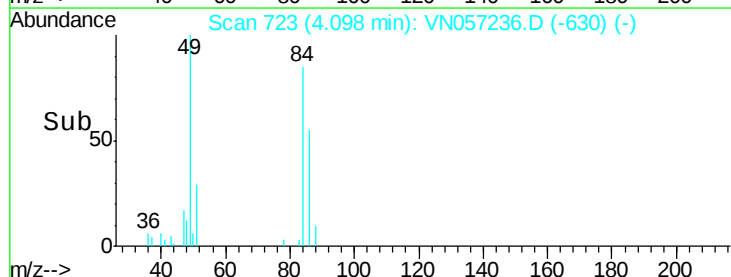
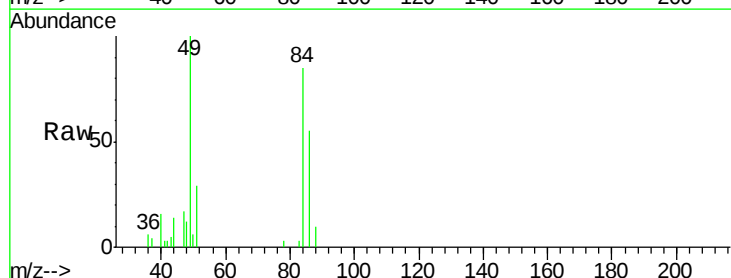
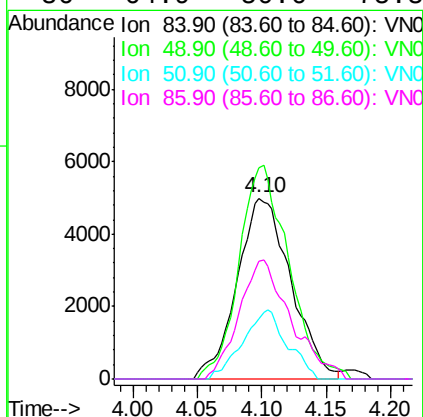
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-E-(3)

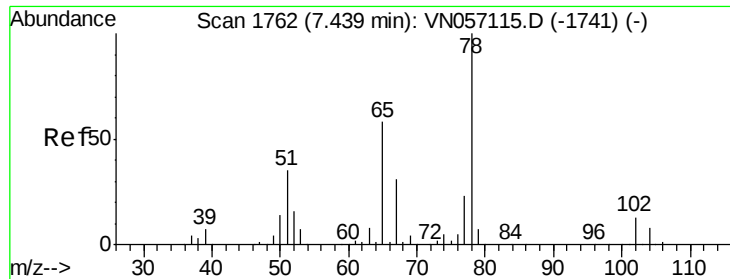
Tot Ion: 43 Resp: 29529
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.4



#20
Methylene Chloride
Concen: 1.093 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057236.D
Acq: 12 Aug 2019 23:44

Tgt Ion: 84 Resp: 14494
Ion Ratio Lower Upper
84 100
49 117.2 89.5 134.3
51 33.6 27.2 40.8
86 64.9 50.6 75.8

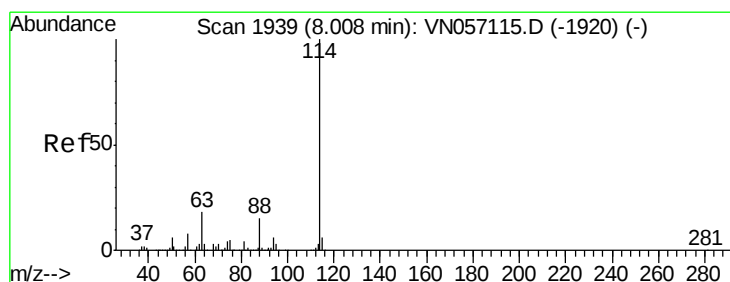
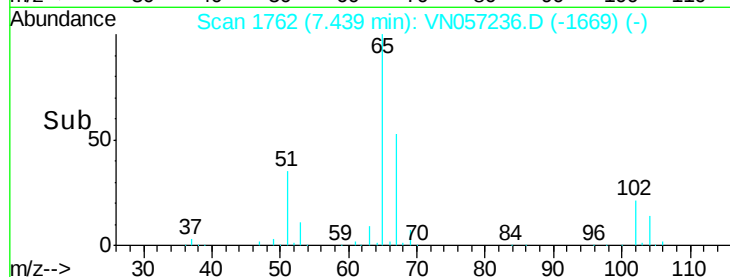
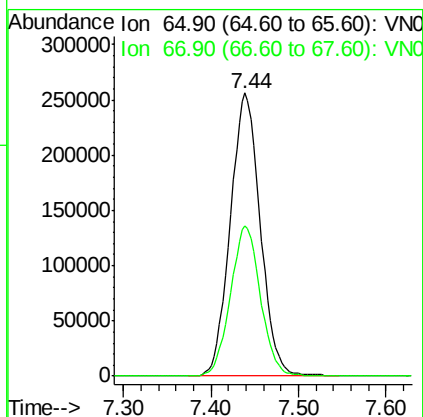
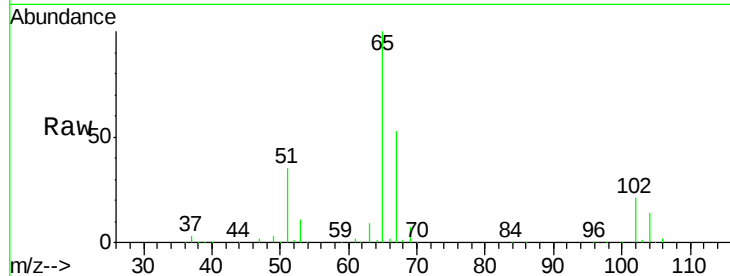




#33
 1,2-Dichloroethane-d4
 Concen: 45.704 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057236.D
 Acq: 12 Aug 2019 23:44

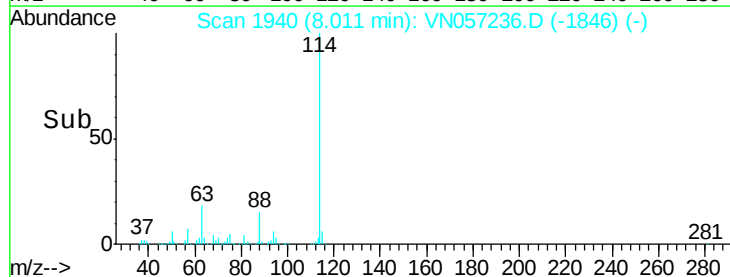
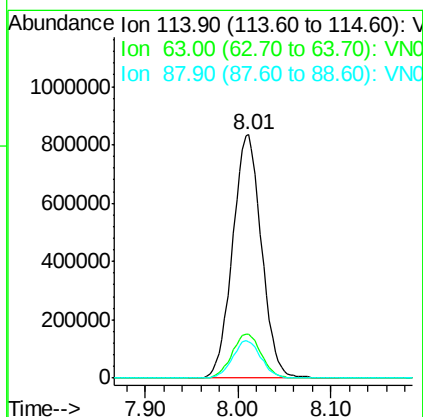
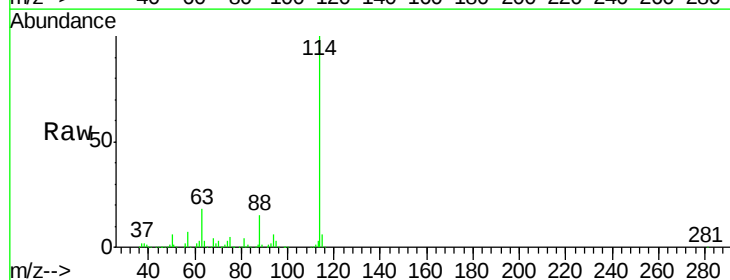
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-E-(3)

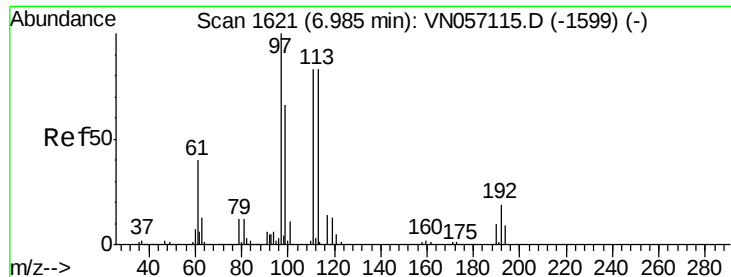
Tot Ion: 65 Resp: 608213
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN057236.D
 Acq: 12 Aug 2019 23:44

Tgt Ion: 114 Resp: 1799381
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.2
 88 15.1 0.0 30.0

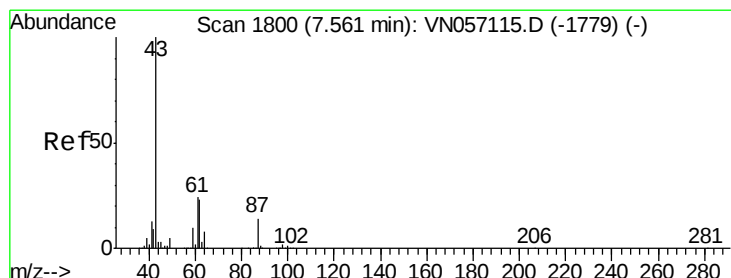
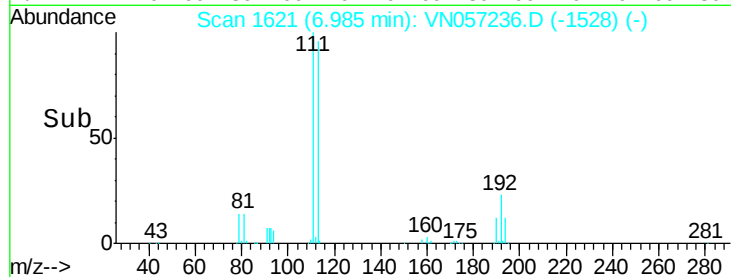
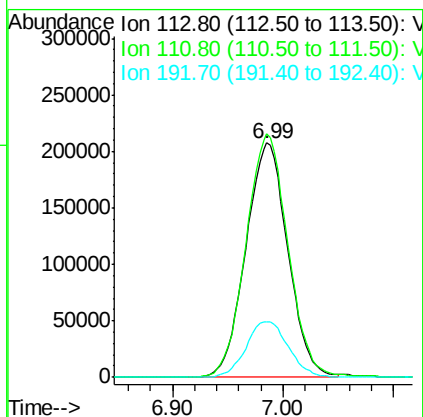
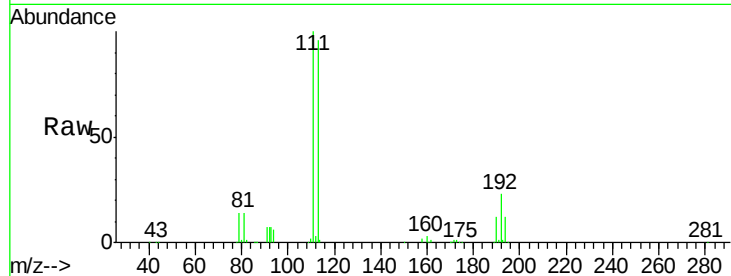




#35
 Dibromofluoromethane
 Concen: 48.367 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057236.D
 Acq: 12 Aug 2019 23:44

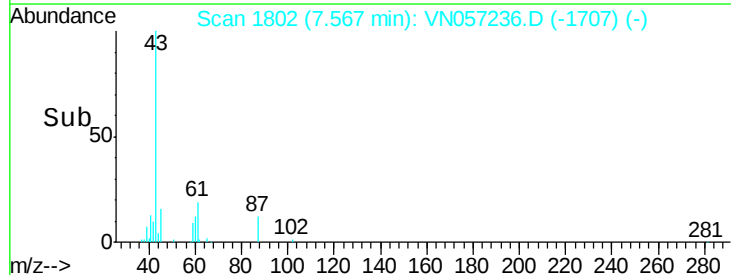
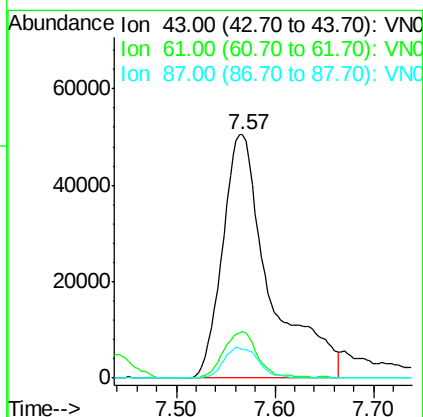
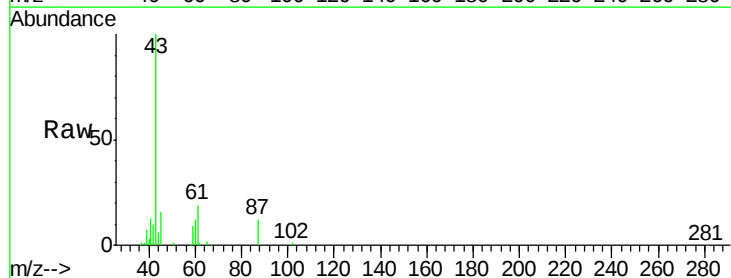
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-E-(3)

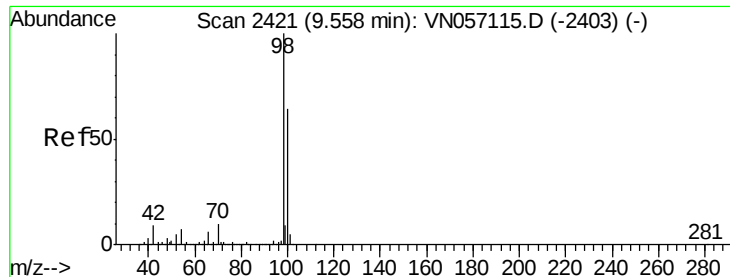
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.3	121.9
192	24.1	19.0	28.4



#43
 Isopropyl Acetate
 Concen: 8.058 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: VN057236.D
 Acq: 12 Aug 2019 23:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	24.2	36.2#
87	9.2	11.8	17.8#

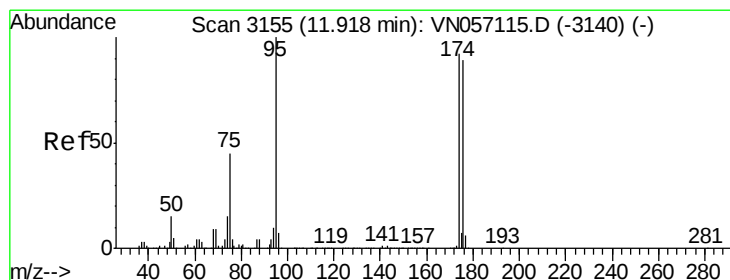
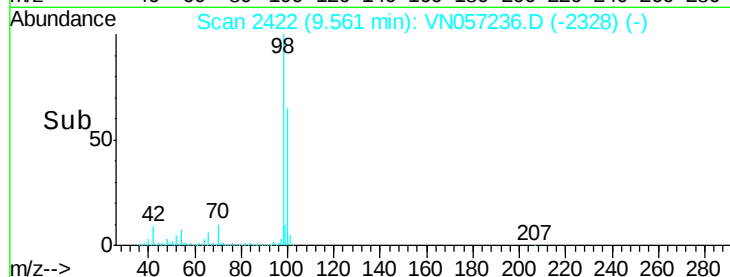
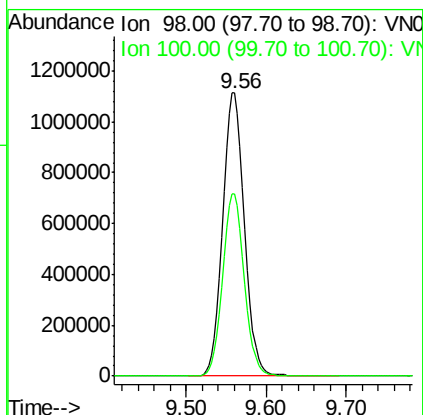
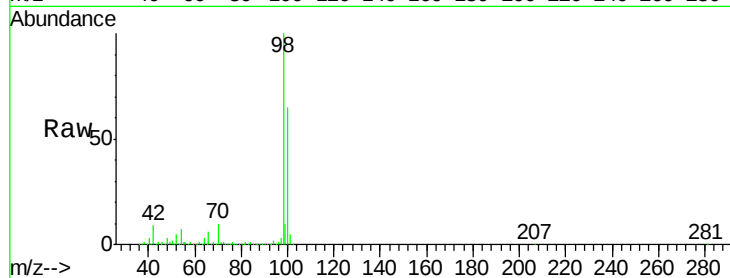




#50
Toluene-d8
Concen: 48.415 ug/l
RT: 9.56 min Scan# 2422
Delta R.T. 0.00 min
Lab File: VN057236.D
Acq: 12 Aug 2019 23:44

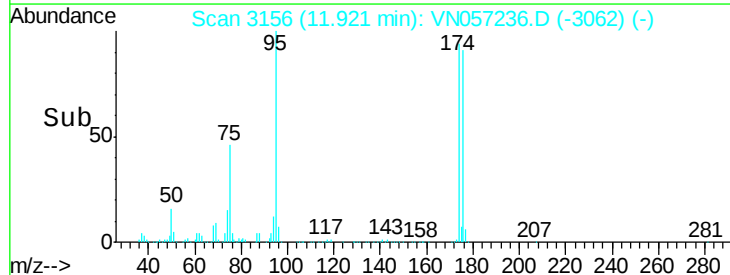
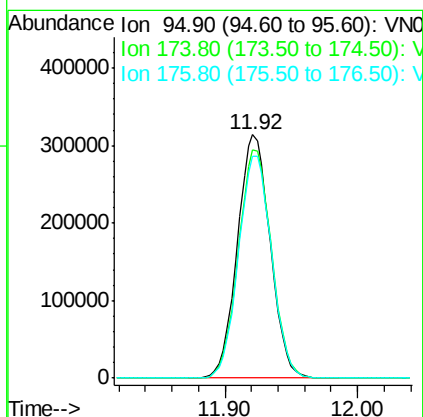
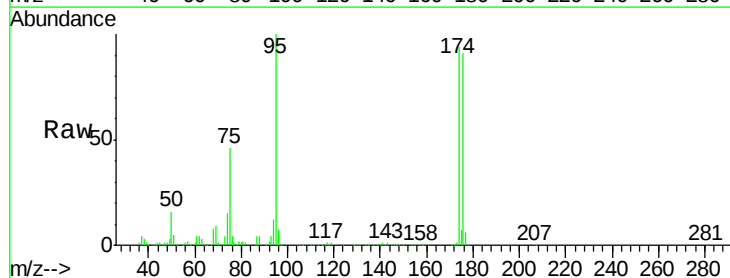
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REACTOR-3-E-(3)

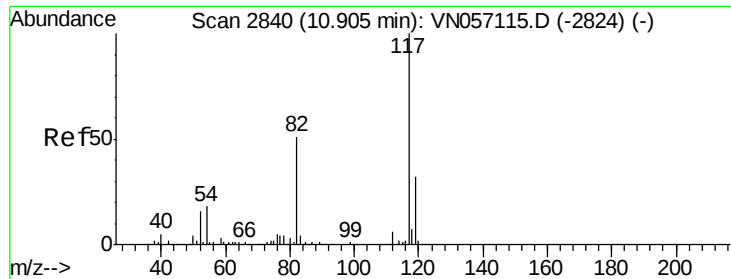
Tot Ion: 98 Resp: 2091462
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 38.719 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057236.D
Acq: 12 Aug 2019 23:44

Tgt Ion: 95 Resp: 538931
Ion Ratio Lower Upper
95 100
174 94.7 0.0 185.0
176 92.4 0.0 181.2

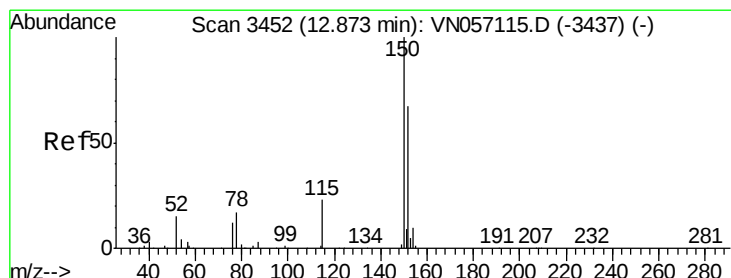
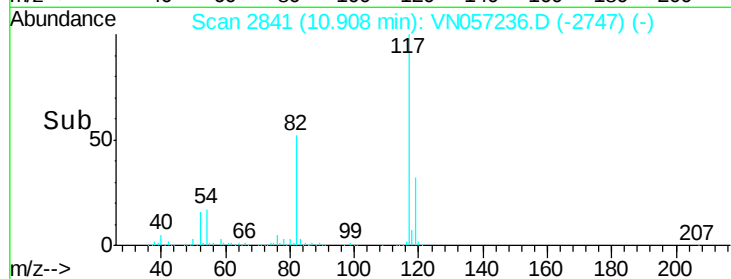
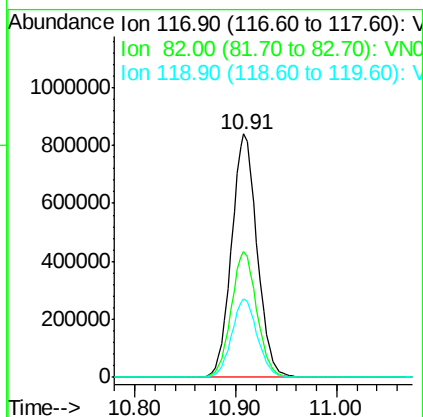
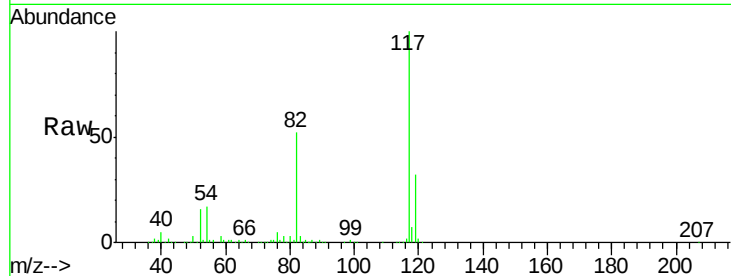




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057236.D
Acq: 12 Aug 2019 23:44

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-E-(3)

Tot Ion:117 Resp: 1476825
Ion Ratio Lower Upper
117 100
82 51.7 40.8 61.2
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057236.D
Acq: 12 Aug 2019 23:44

Tgt Ion:152 Resp: 373444
Ion Ratio Lower Upper
152 100
115 55.4 27.5 82.5
150 155.7 0.0 341.6

