

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063399.D
 Acq On : 17 Sep 2020 5:51
 Operator : JC/MD
 Sample : L4015-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-6E-(A-4)

Quant Time: Sep 17 06:45:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

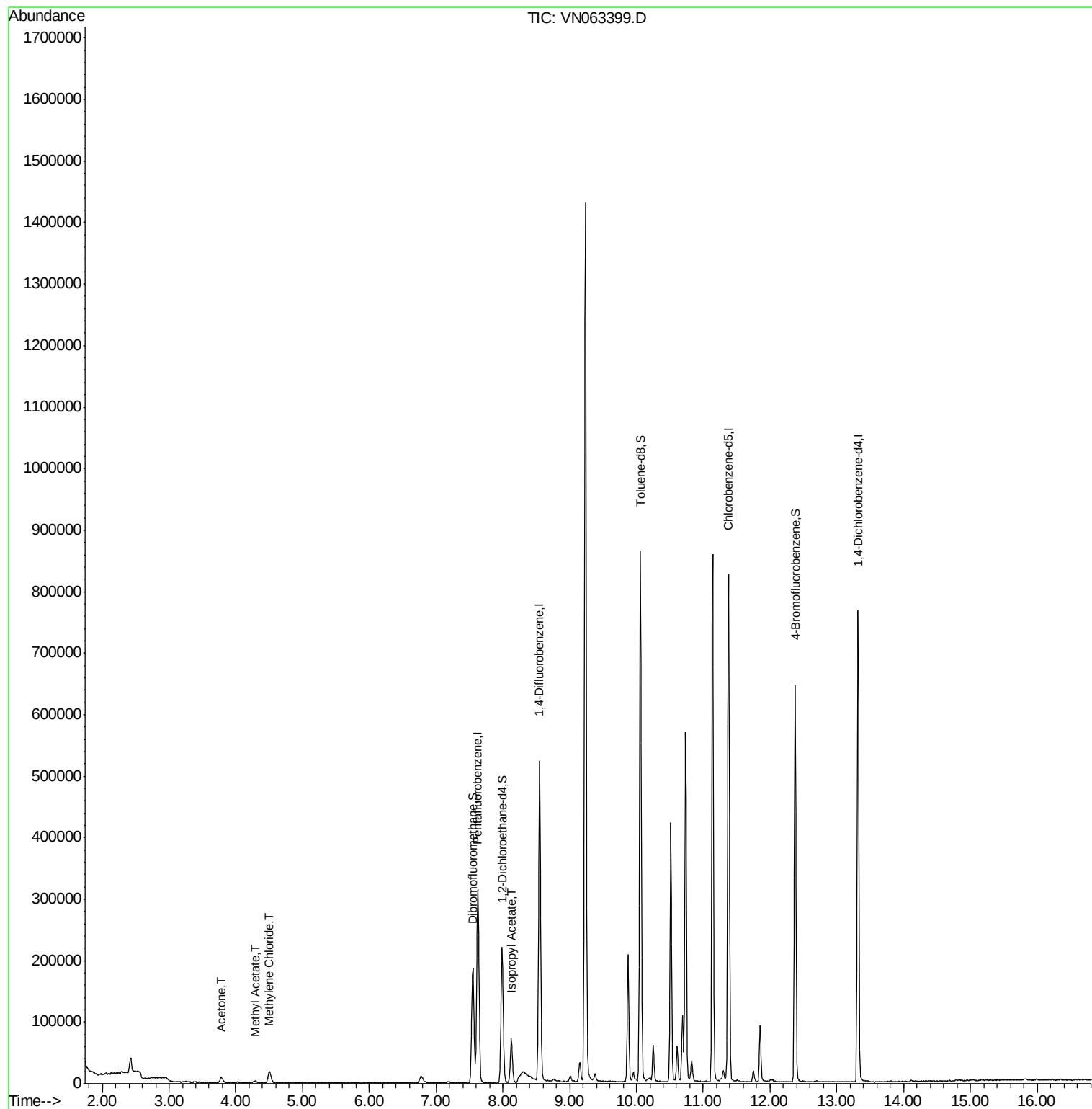
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	225711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	422051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	191453	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
35) Dibromofluoromethane	7.55	113	140471	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	10.06	98	560688	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.38	95	215099	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
Target Compounds						
16) Acetone	3.78	43	16815	13.617	ug/l	99
18) Methyl Acetate	4.29	43	5917	1.888	ug/l #	65
20) Methylene Chloride	4.51	84	13403	4.284	ug/l	87
43) Isopropyl Acetate	8.13	43	88203	11.046	ug/l	99

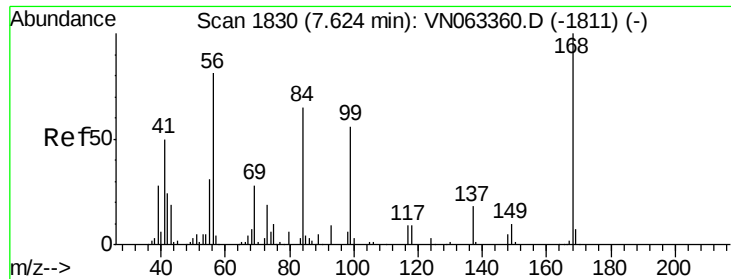
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091620\
Data File : VN063399.D
Acq On : 17 Sep 2020 5:51
Operator : JC/MD
Sample : L4015-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-6E-(A-4)

Quant Time: Sep 17 06:45:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063399.D

Acq: 17 Sep 2020 5:51

Instrument :

MSVOA_N

ClientSampleId :

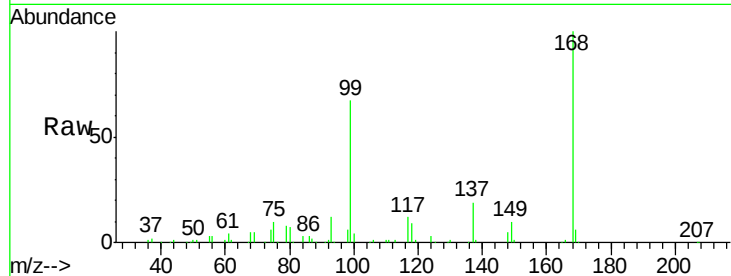
REACTOR-6E-(A-4)

Tot Ion:168 Resp: 225711

Ion Ratio Lower Upper

168 100

99 67.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

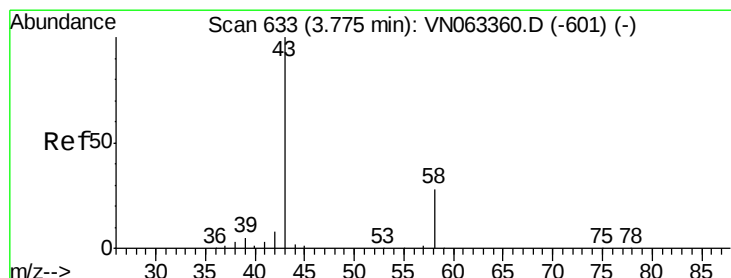
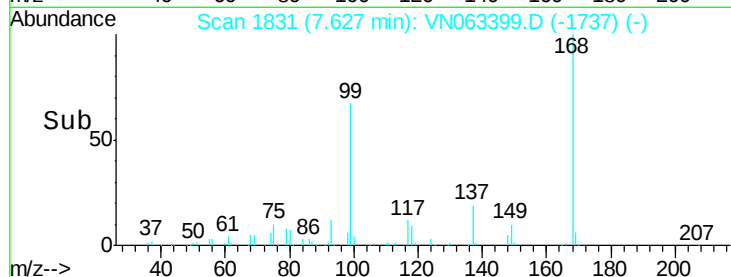
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 13.617 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063399.D

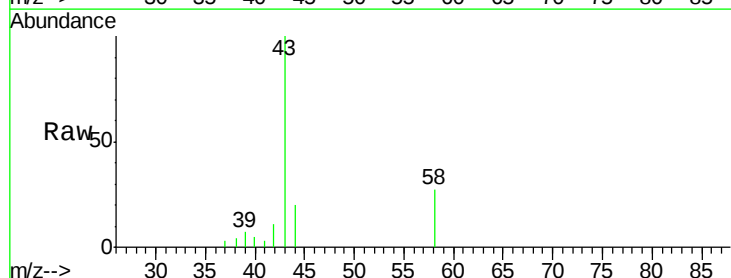
Acq: 17 Sep 2020 5:51

Tgt Ion: 43 Resp: 16815

Ion Ratio Lower Upper

43 100

58 27.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

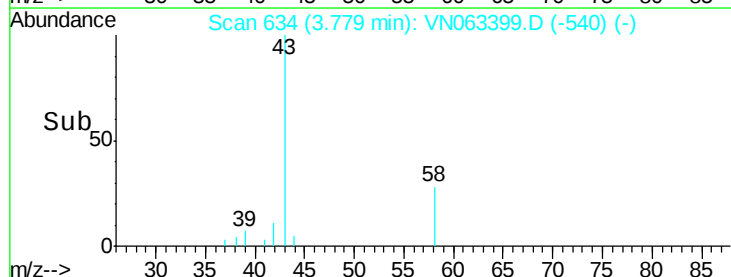
6000

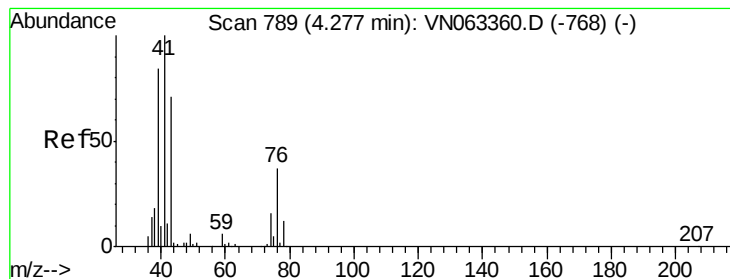
4000

2000

0

Time--> 3.70 3.75 3.80 3.85





#18

Methyl Acetate

Concen: 1.888 ug/l

RT: 4.29 min Scan# 794

Delta R.T. 0.02 min

Lab File: VN063399.D

Acq: 17 Sep 2020 5:51

Instrument :

MSVOA_N

ClientSampleId :

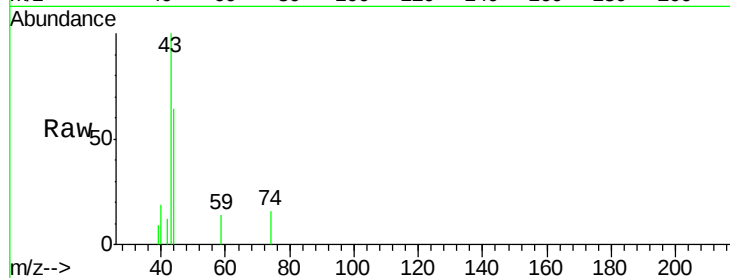
REACTOR-6E-(A-4)

Tot Ion: 43 Resp: 5917

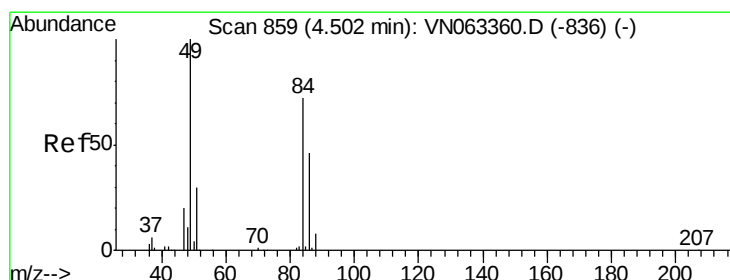
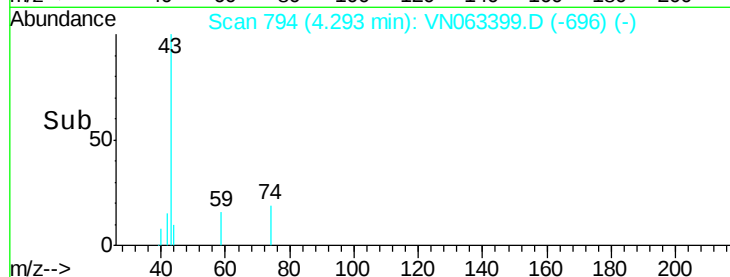
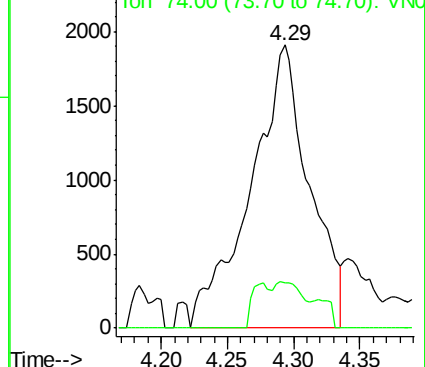
Ion Ratio Lower Upper

43 100

74 5.2 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-768) (-)



#20

Methylene Chloride

Concen: 4.284 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063399.D

Acq: 17 Sep 2020 5:51

Tgt Ion: 84 Resp: 13403

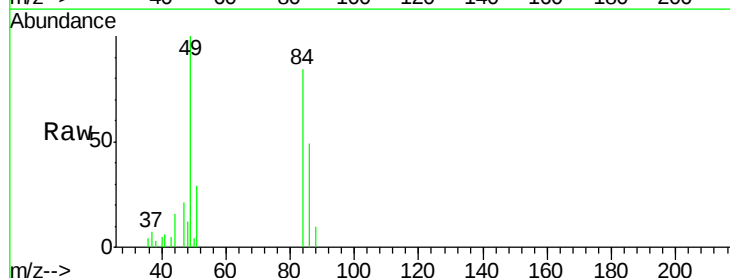
Ion Ratio Lower Upper

84 100

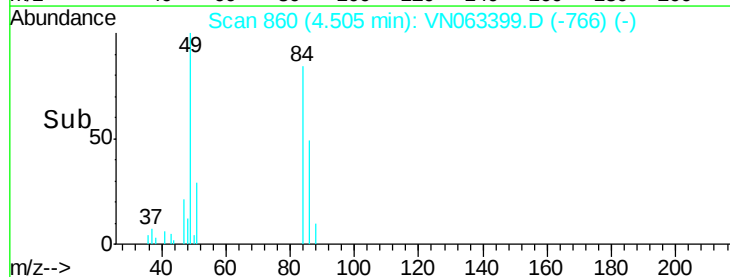
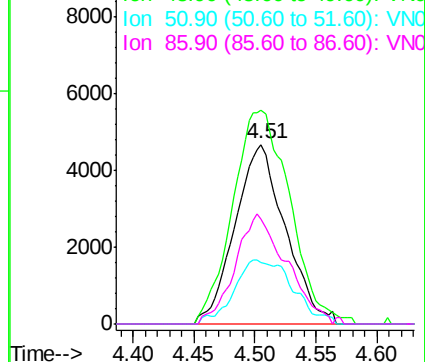
49 119.0 110.7 166.1

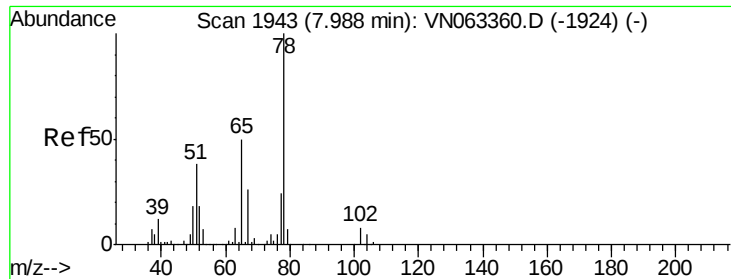
51 34.3 32.9 49.3

86 58.5 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VN063360.D (-836) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.829 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063399.D

Acq: 17 Sep 2020 5:51

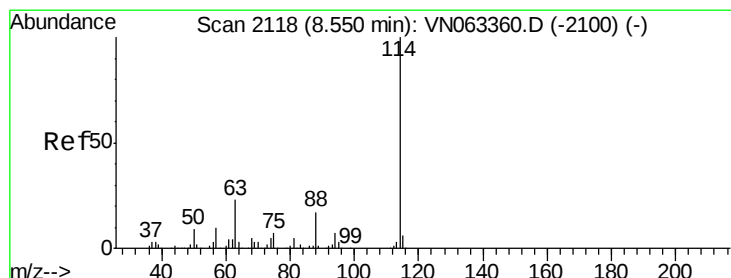
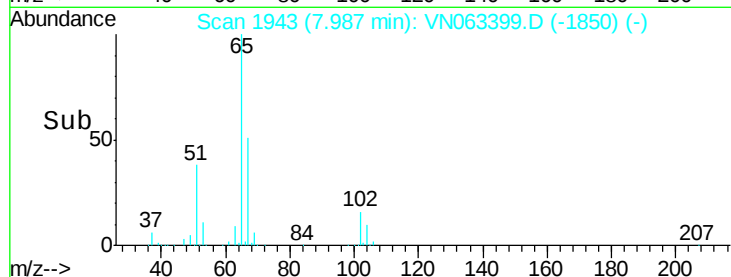
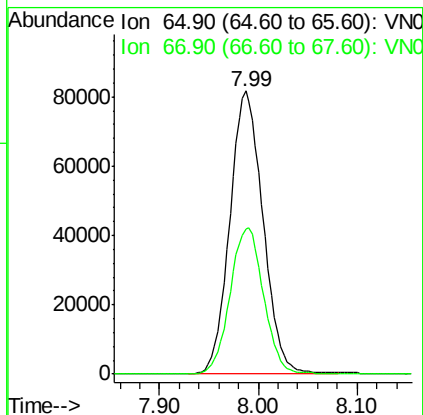
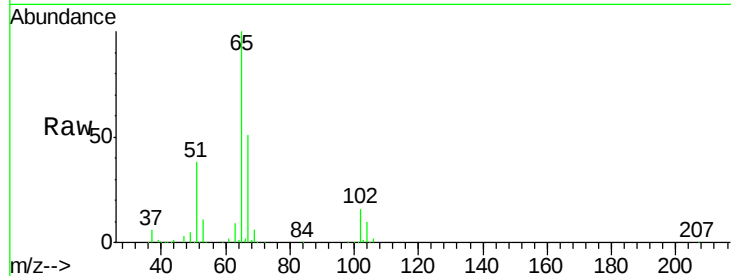
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-6E-(A-4)

Tot Ion: 65 Resp: 191453

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063399.D

Acq: 17 Sep 2020 5:51

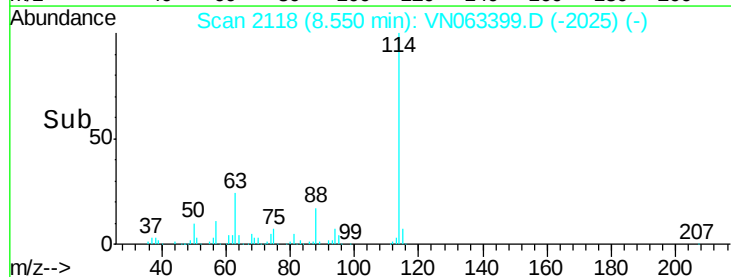
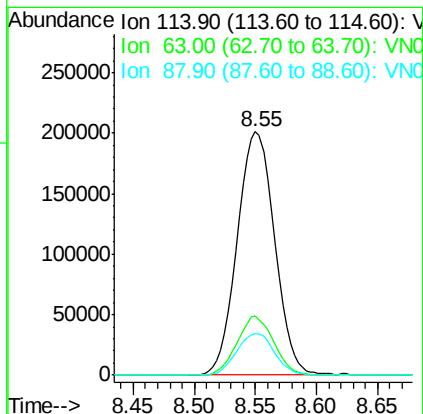
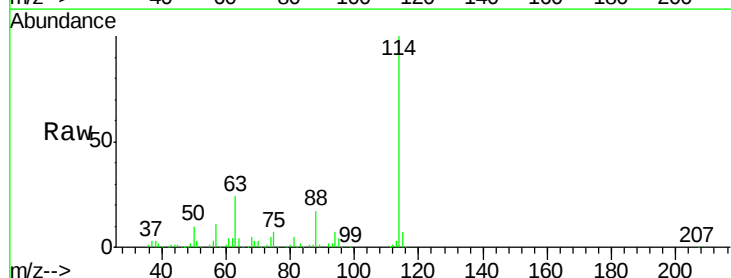
Tgt Ion: 114 Resp: 427101

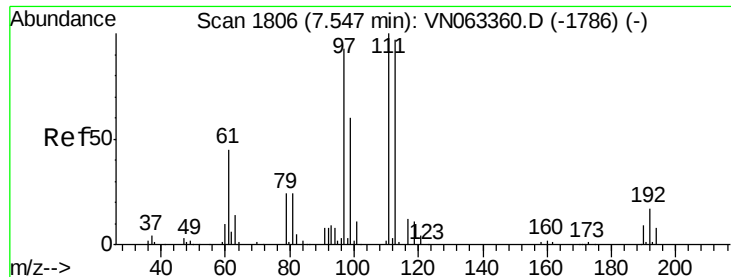
Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.4

88 17.2 0.0 33.2

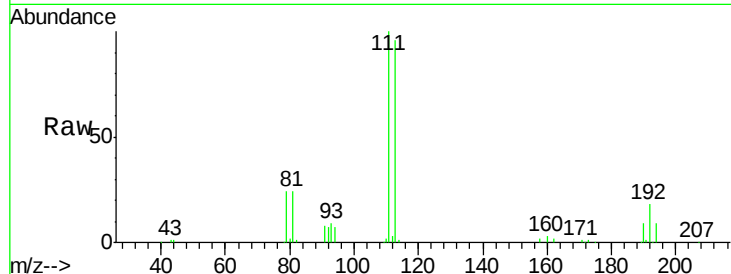




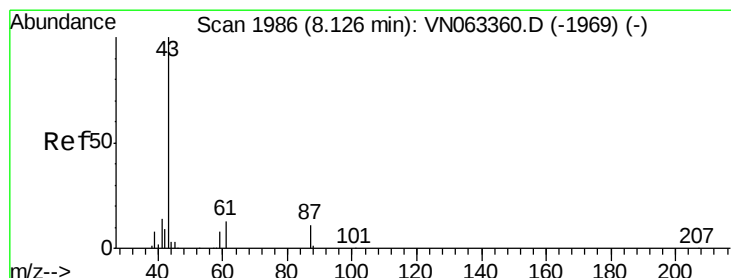
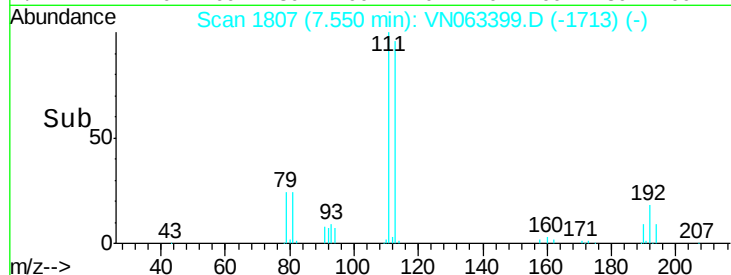
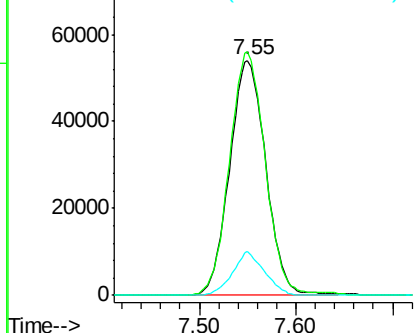
#35
 Dibromofluoromethane
 Concen: 47.509 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063399.D
 Acq: 17 Sep 2020 5:51

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-6E-(A-4)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	16.4	13.9	20.9

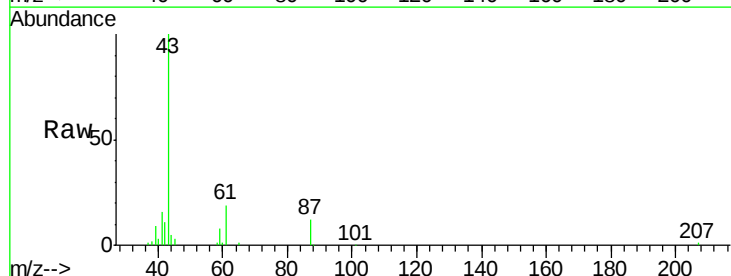


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

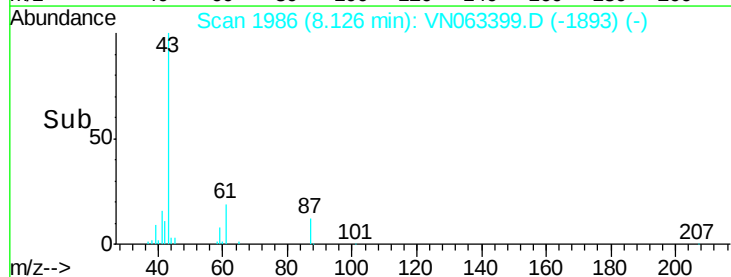
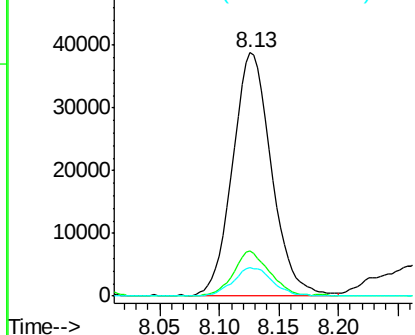


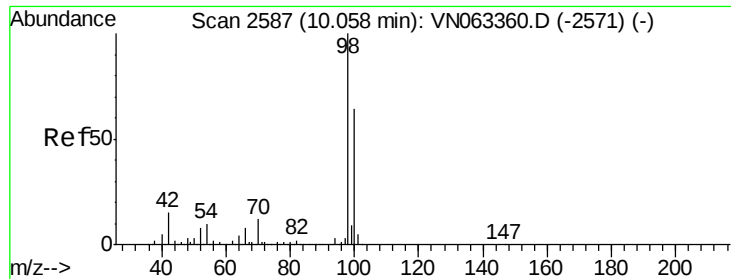
#43
 Isopropyl Acetate
 Concen: 11.046 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN063399.D
 Acq: 17 Sep 2020 5:51

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.1	14.2	21.2
87	11.8	9.0	13.6



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: 50.431 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063399.D

Acq: 17 Sep 2020 5:51

Instrument :

MSVOA_N

ClientSampleId :

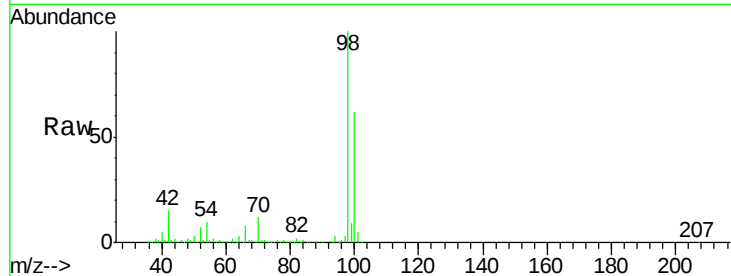
REACTOR-6E-(A-4)

Tot Ion: 98 Resp: 560688

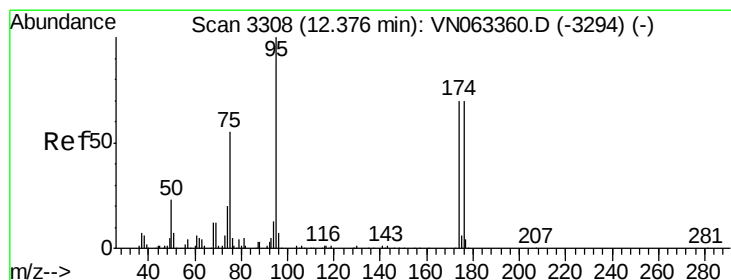
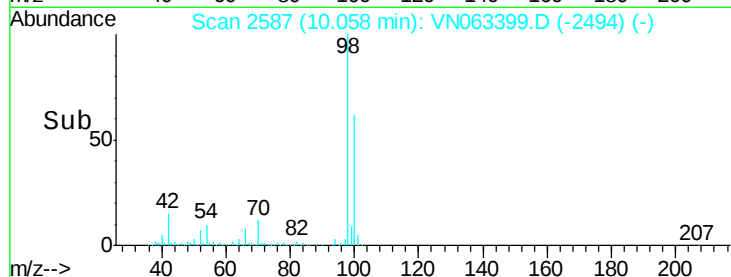
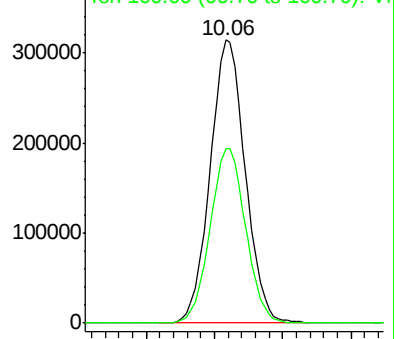
Ion Ratio Lower Upper

98 100

100 62.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 52.777 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063399.D

Acq: 17 Sep 2020 5:51

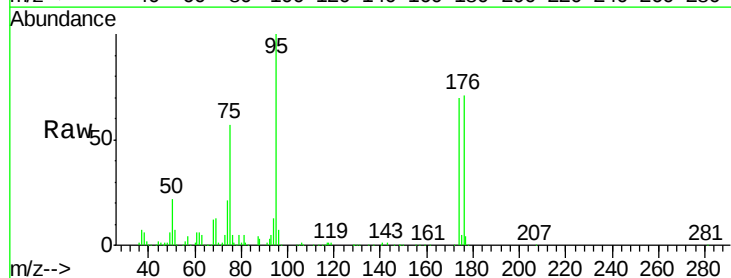
Tgt Ion: 95 Resp: 215099

Ion Ratio Lower Upper

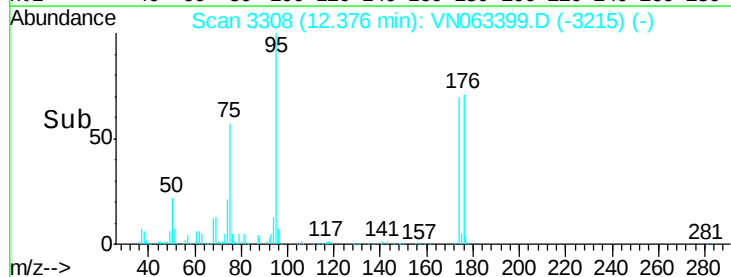
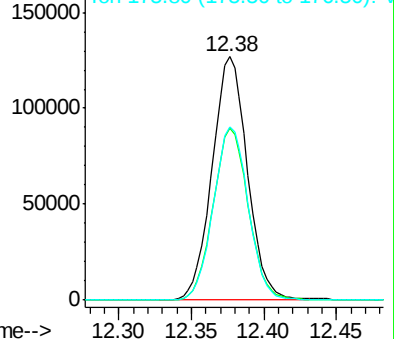
95 100

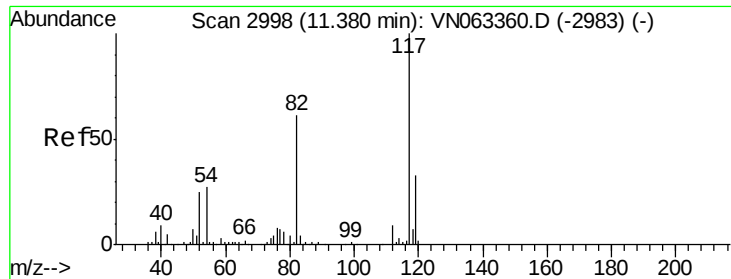
174 70.6 0.0 140.8

176 70.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

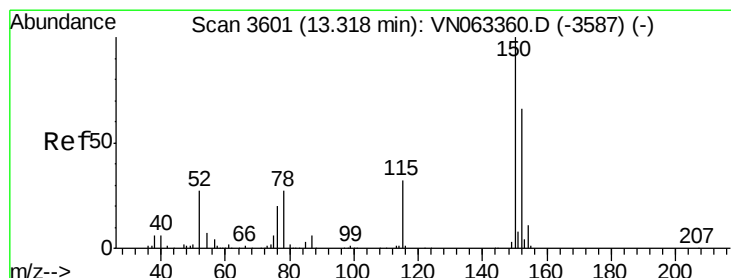
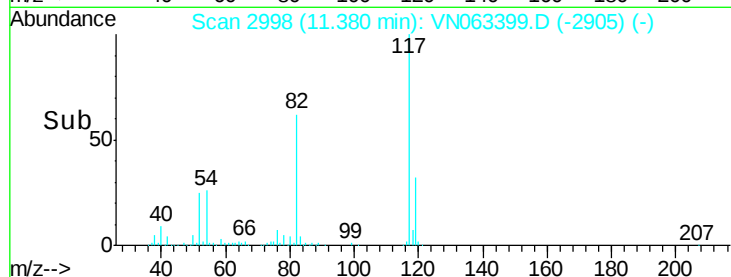
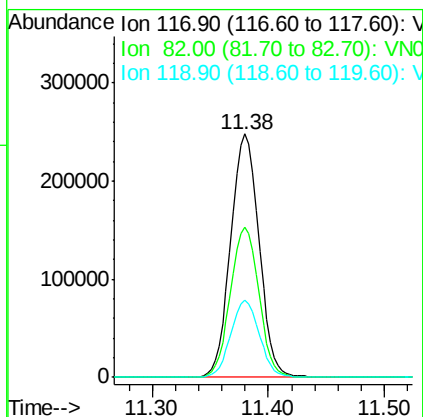
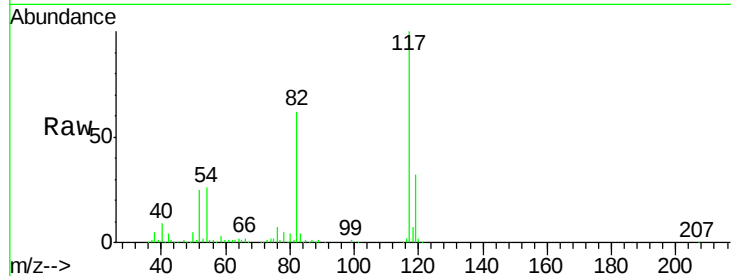




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063399.D
Acq: 17 Sep 2020 5:51

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-6E-(A-4)

Tot Ion:117 Resp: 422051
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063399.D
Acq: 17 Sep 2020 5:51

Tgt Ion:152 Resp: 180893
Ion Ratio Lower Upper
152 100
115 64.2 32.2 96.6
150 158.8 0.0 343.4

