

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057099.D
 Acq On : 6 Aug 2019 13:34
 Operator : JC/SP
 Sample : K4152-37
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-E1-(30)

Quant Time: Aug 07 04:12:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

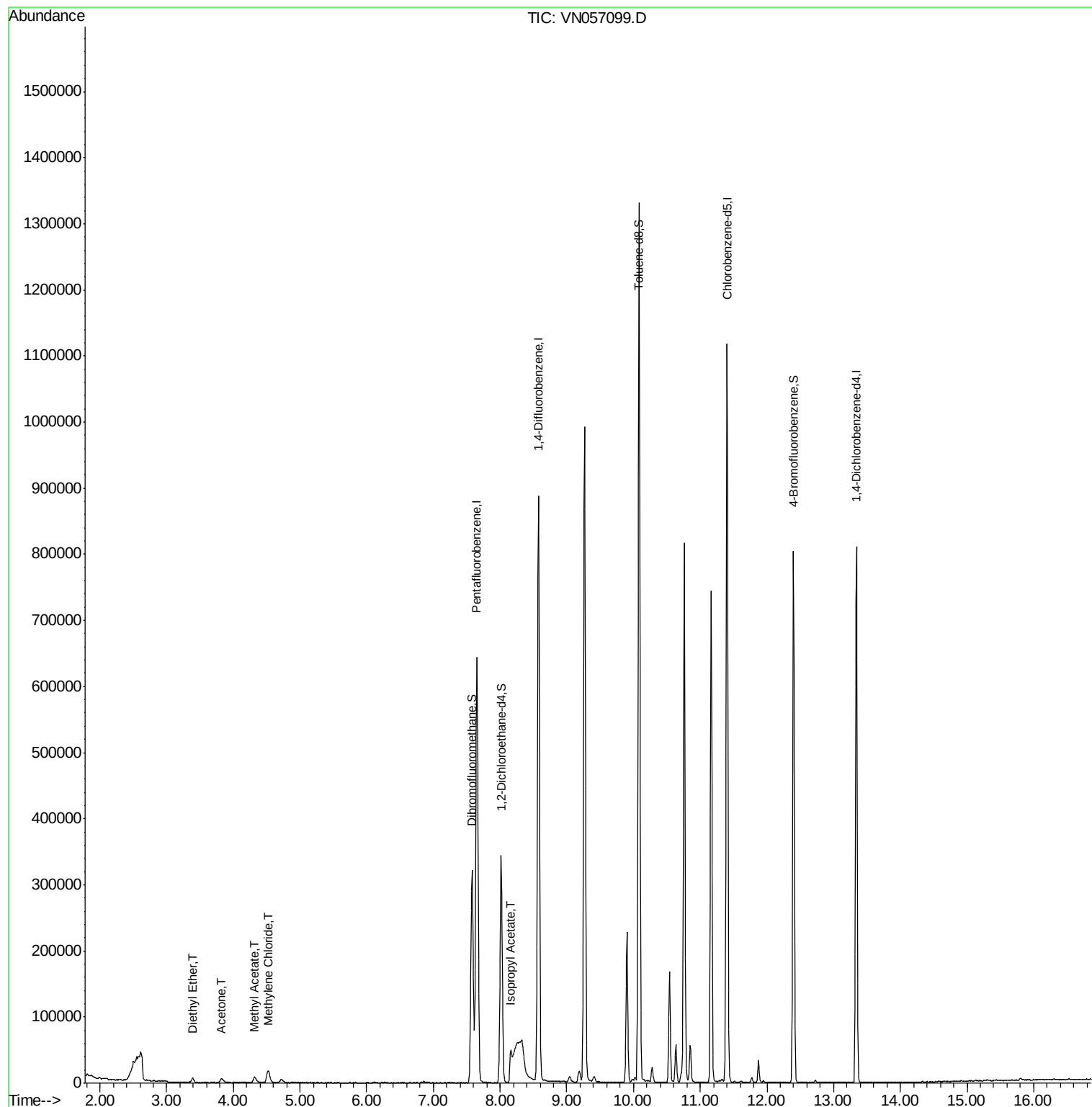
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	582880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	850526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	701808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	234554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	292153	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
35) Dibromofluoromethane	7.58	113	255514	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
50) Toluene-d8	10.08	98	977433	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	12.40	95	277800	41.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.20%	
Target Compounds						
8) Diethyl Ether	3.39	74	3610	1.114	ug/l	84
16) Acetone	3.82	43	12468	5.768	ug/l	93
18) Methyl Acetate	4.32	43	18852	2.734	ug/l #	75
20) Methylene Chloride	4.52	84	16577	2.662	ug/l	91
43) Isopropyl Acetate	8.16	43	44682	4.510	ug/l #	69

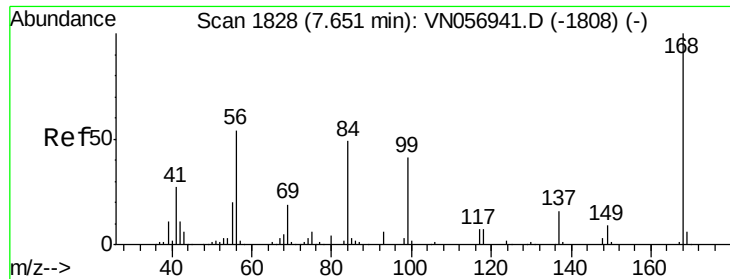
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 07 04:12:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057099.D

Acq: 6 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

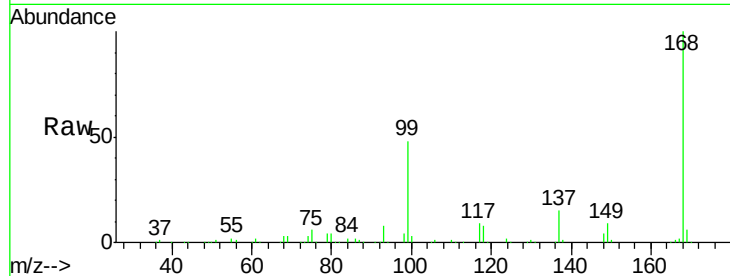
2S-E1-(30)

Tot Ion:168 Resp: 582880

Ion Ratio Lower Upper

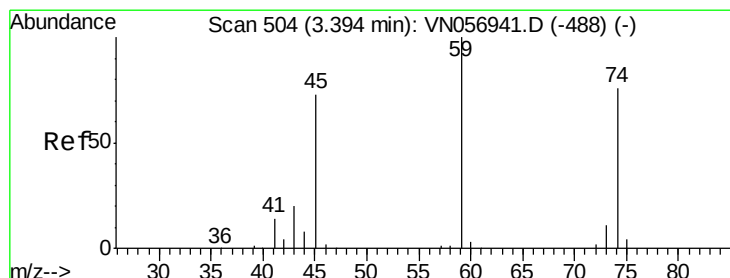
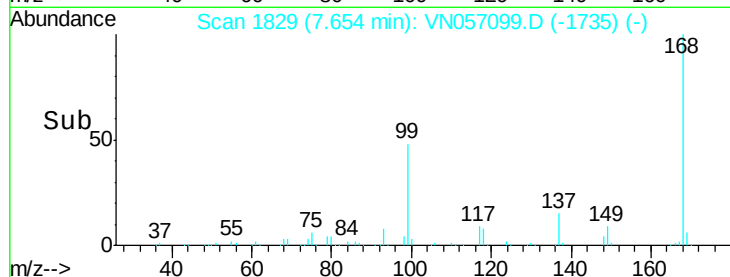
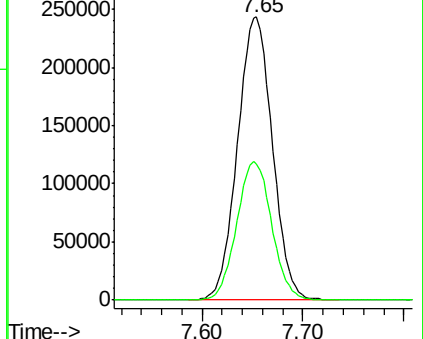
168 100

99 48.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#8

Diethyl Ether

Concen: 1.114 ug/l

RT: 3.39 min Scan# 502

Delta R.T. -0.01 min

Lab File: VN057099.D

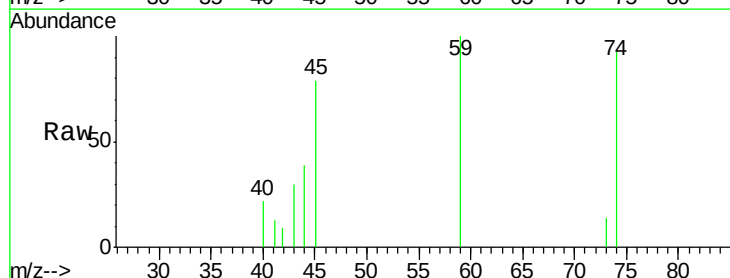
Acq: 6 Aug 2019 13:34

Tgt Ion: 74 Resp: 3610

Ion Ratio Lower Upper

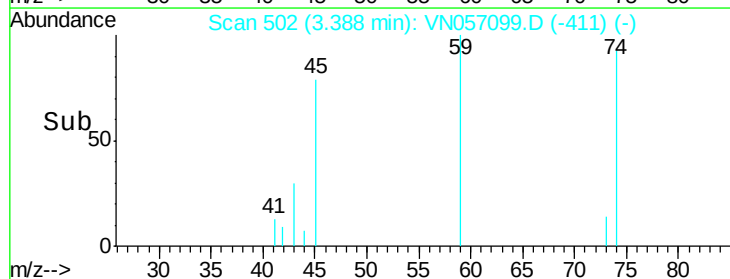
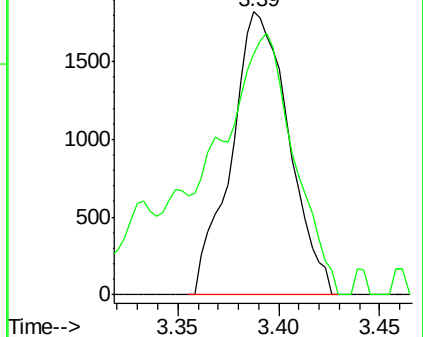
74 100

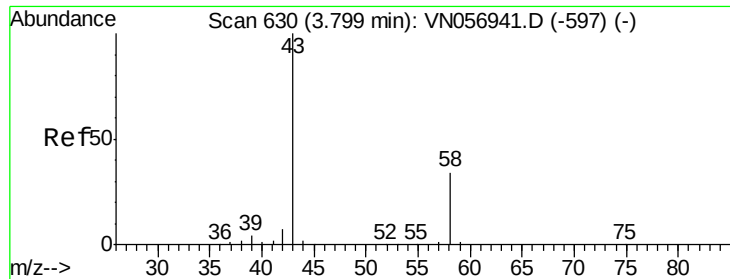
45 112.3 48.1 144.3



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN





#16

Acetone

Concen: 5.768 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN057099.D

Acq: 6 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

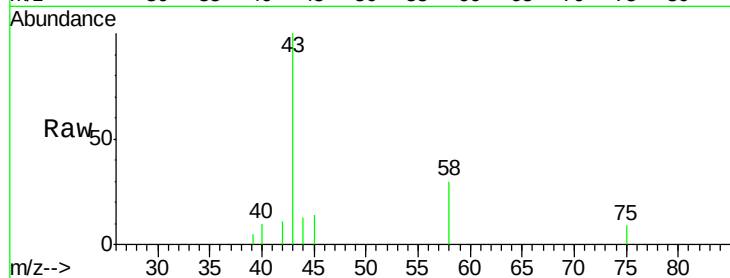
2S-E1-(30)

Tot Ion: 43 Resp: 12468

Ion Ratio Lower Upper

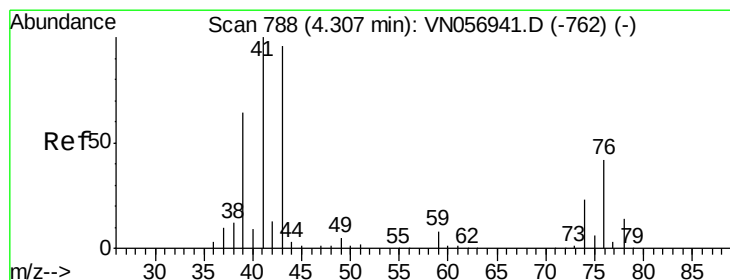
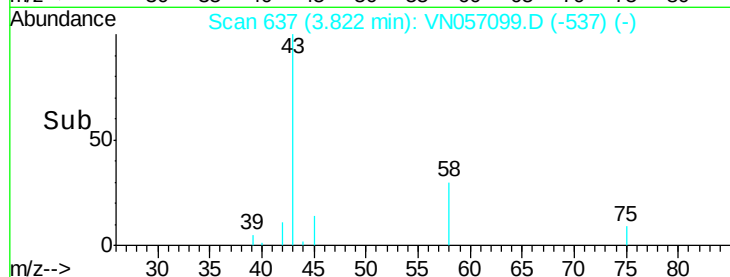
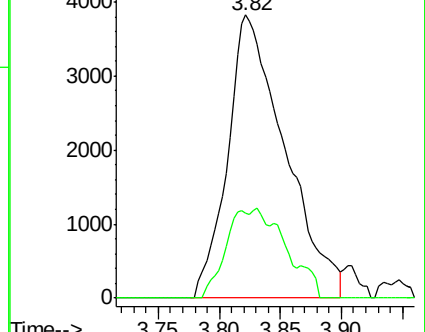
43 100

58 30.2 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN057099.D (-637) (-)

Ion 58.00 (57.70 to 58.70): VN057099.D (-637) (-)



#18

Methyl Acetate

Concen: 2.734 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN057099.D

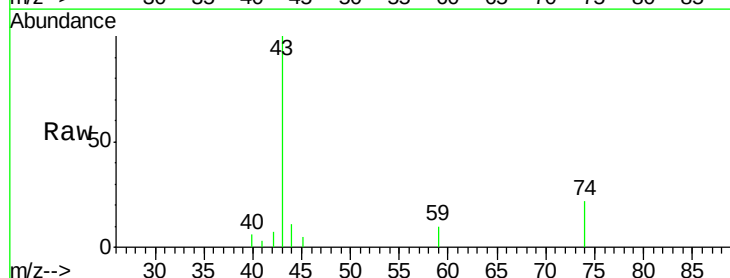
Acq: 6 Aug 2019 13:34

Tgt Ion: 43 Resp: 18852

Ion Ratio Lower Upper

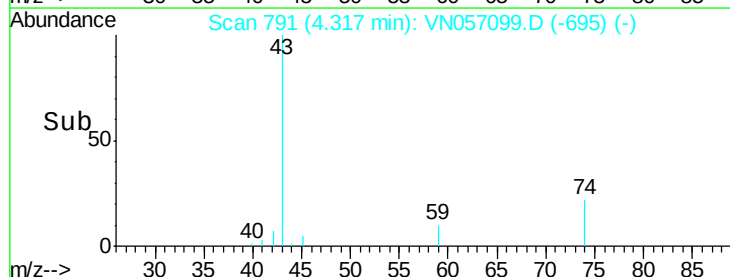
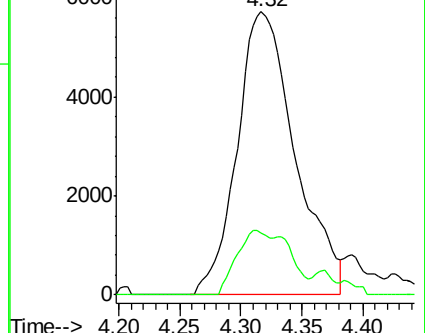
43 100

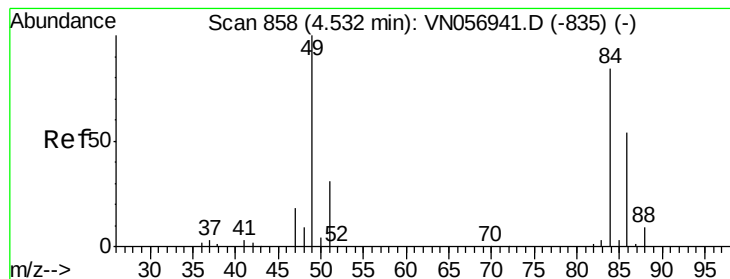
74 12.4 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VN057099.D (-695) (-)

Ion 74.00 (73.70 to 74.70): VN057099.D (-695) (-)





#20

Methylene Chloride

Concen: 2.662 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.02 min

Lab File: VN057099.D

Acq: 6 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

2S-E1-(30)

Tot Ion: 84 Resp: 16577

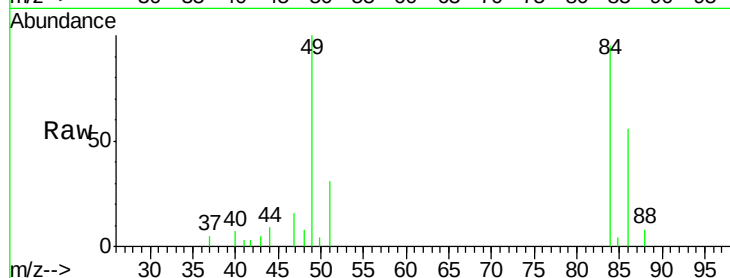
Ion Ratio Lower Upper

84 100

49 105.7 95.2 142.8

51 32.4 29.7 44.5

86 59.6 51.0 76.6

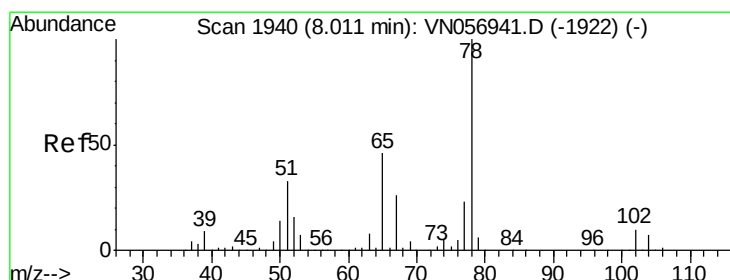
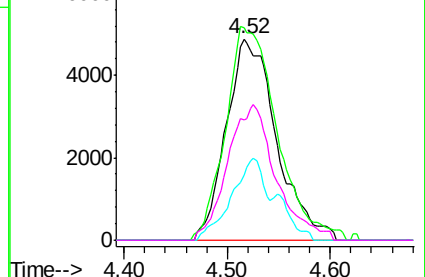
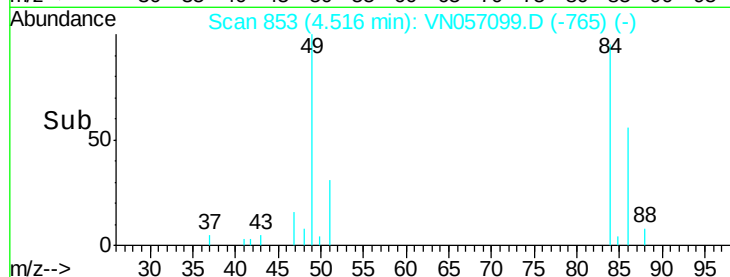


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.965 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057099.D

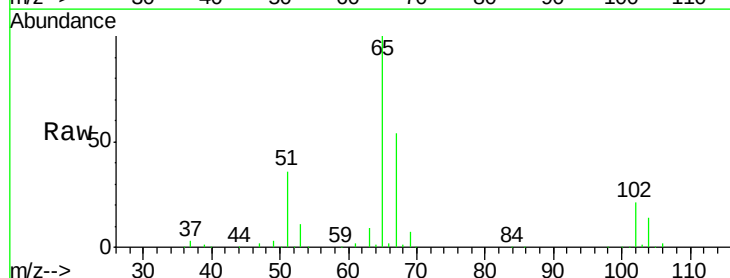
Acq: 6 Aug 2019 13:34

Tgt Ion: 65 Resp: 292153

Ion Ratio Lower Upper

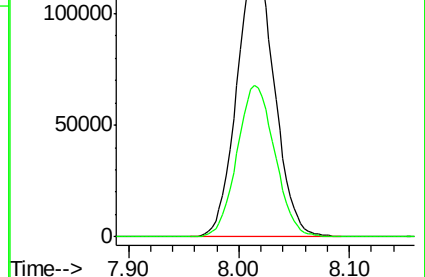
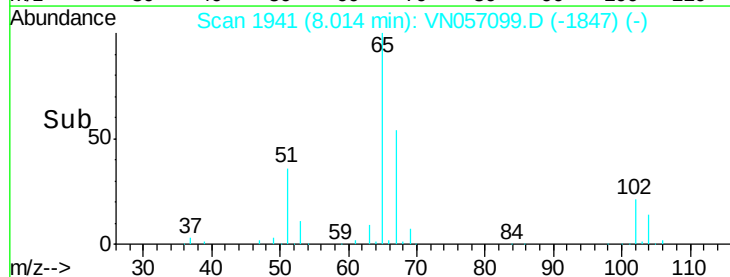
65 100

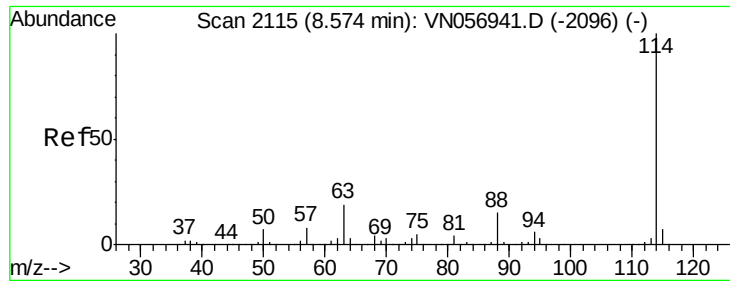
67 55.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

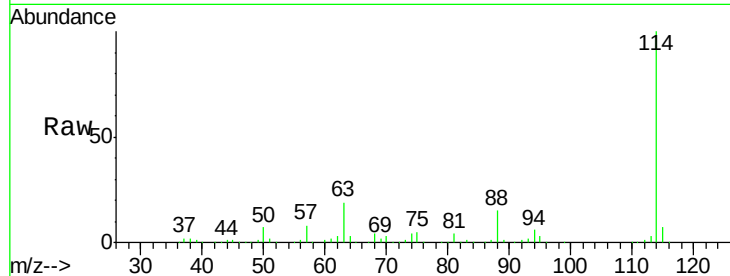




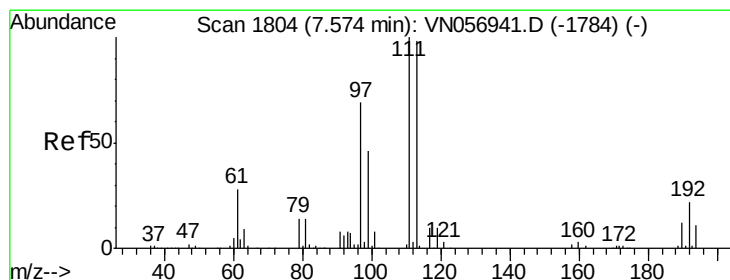
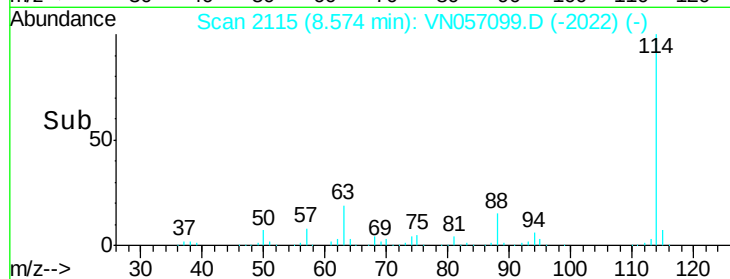
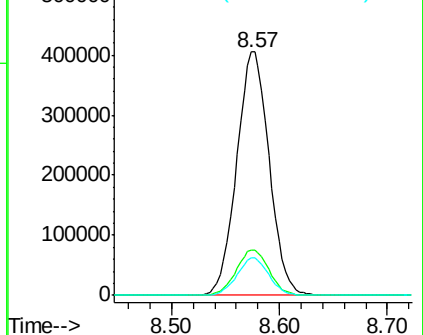
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN057099.D
Acq: 6 Aug 2019 13:34

Instrument :
MSVOA_N
ClientSampled :
2S-E1-(30)

Tot Ion:114 Resp: 850526
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.0
88 15.2 0.0 30.0

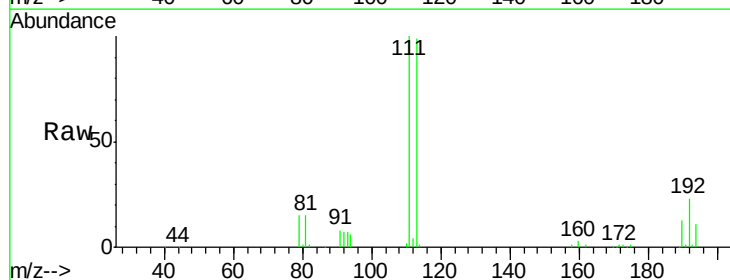


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

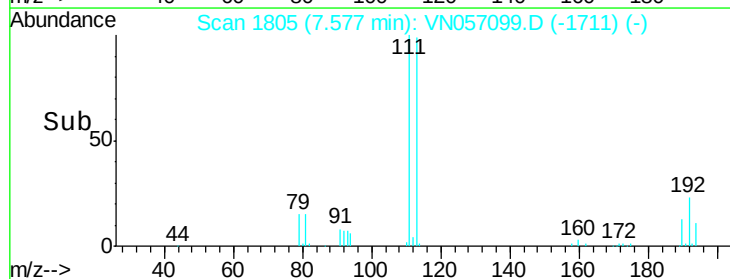
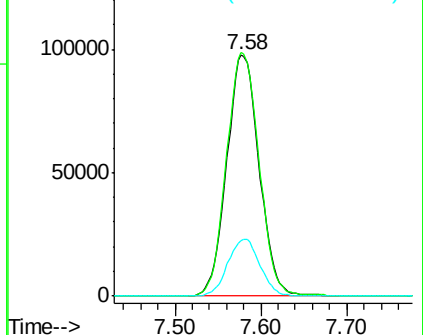


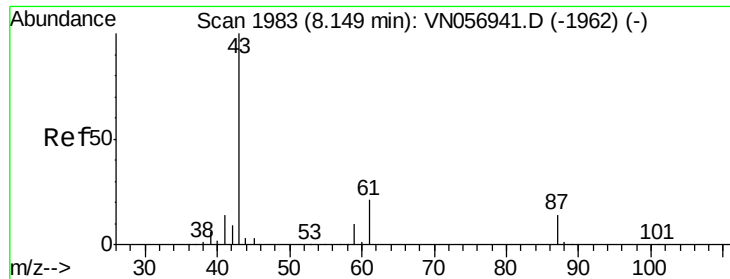
#35
Dibromofluoromethane
Concen: 46.928 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057099.D
Acq: 6 Aug 2019 13:34

Tgt Ion:113 Resp: 255514
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 23.5 18.4 27.6



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: 4.510 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VN057099.D

Acq: 6 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

2S-E1-(30)

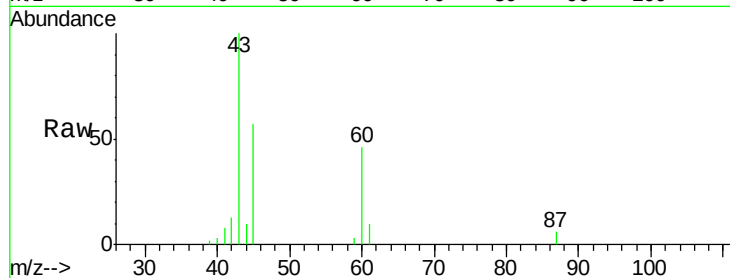
Tot Ion: 43 Resp: 44682

Ion Ratio Lower Upper

43 100

61 10.3 23.0 34.6#

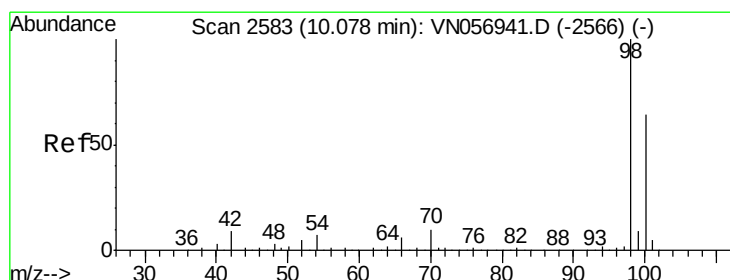
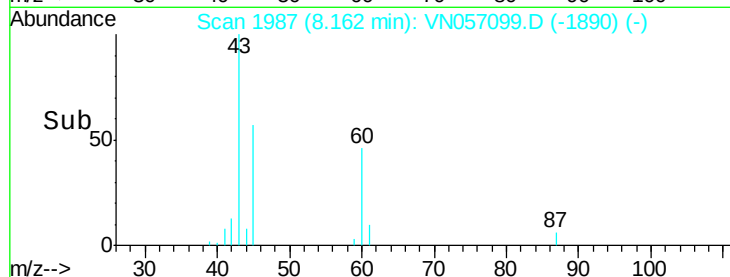
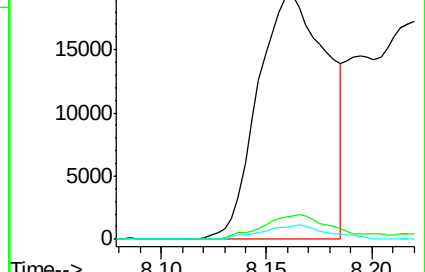
87 5.4 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VN057099.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN057099.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN057099.D (-1890) (-)



#50

Toluene-d8

Concen: 47.075 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057099.D

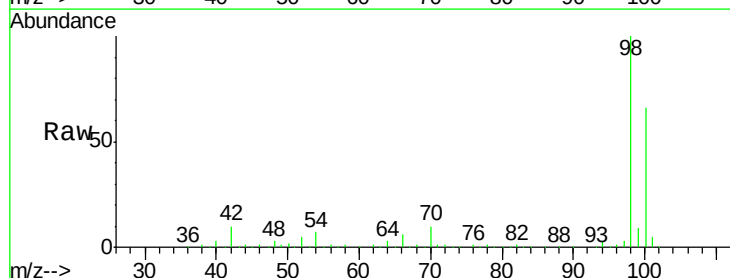
Acq: 6 Aug 2019 13:34

Tgt Ion: 98 Resp: 977433

Ion Ratio Lower Upper

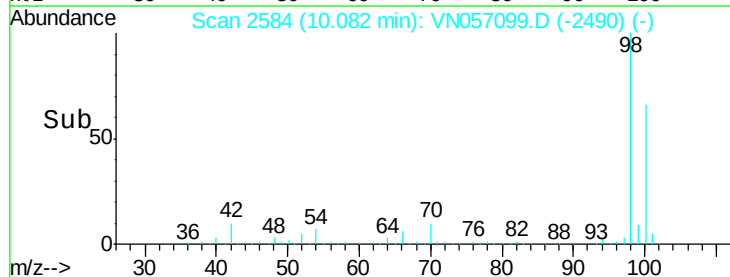
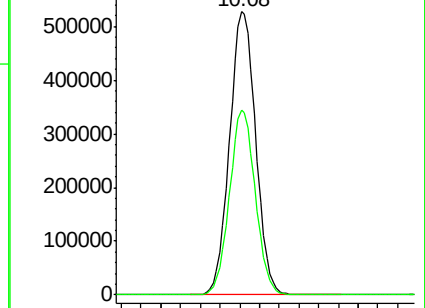
98 100

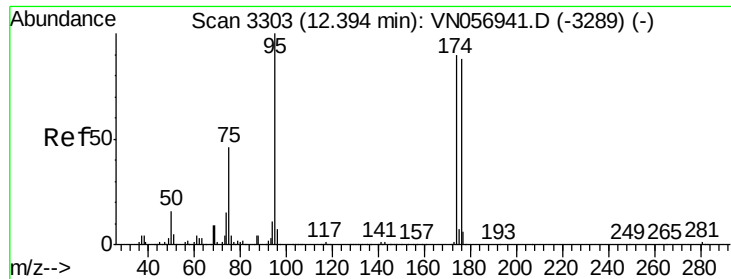
100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN057099.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN057099.D (-2490) (-)

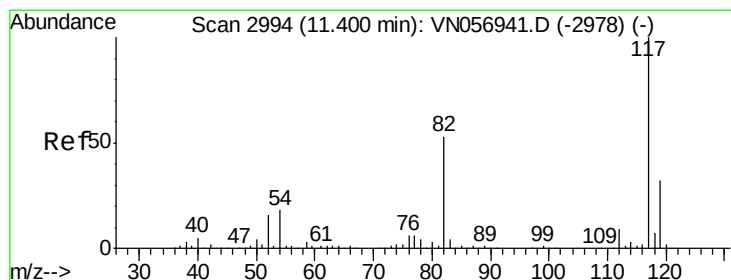
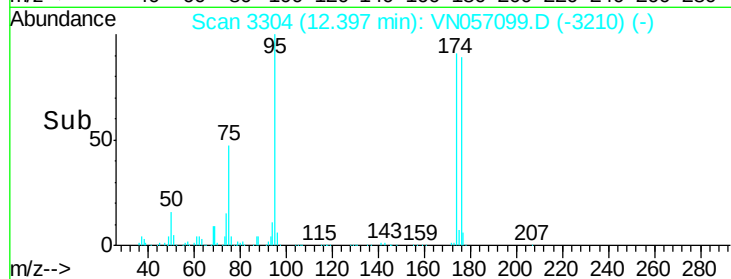
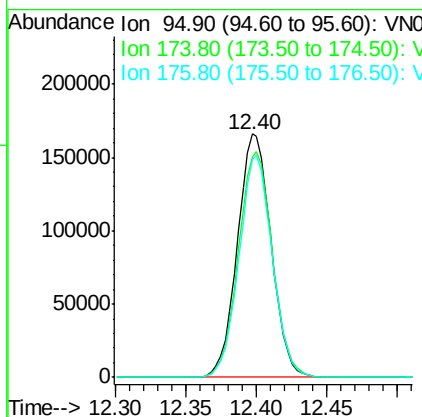
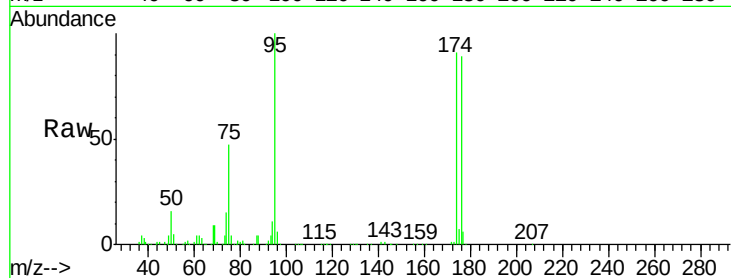




#62
4-Bromofluorobenzene
Concen: 41.098 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057099.D
Acq: 6 Aug 2019 13:34

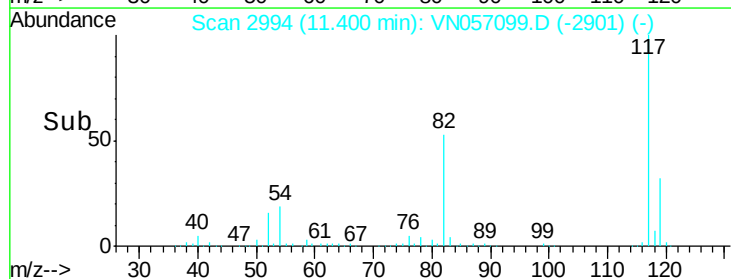
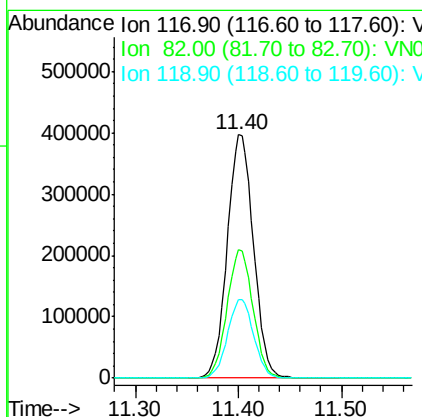
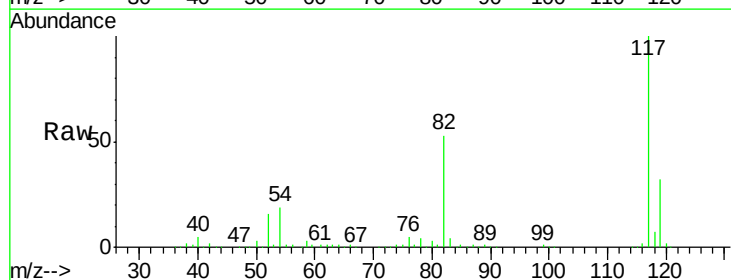
Instrument :
MSVOA_N
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2S-E1-(30)

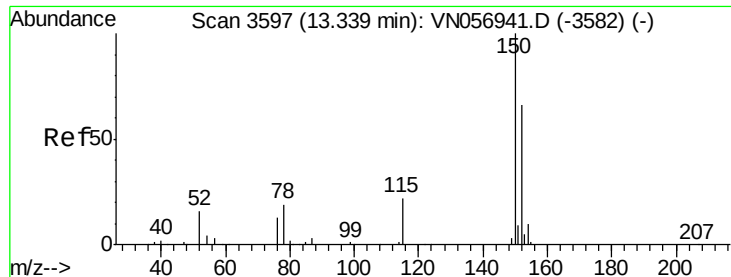
Tot Ion: 95 Resp: 277800
Ion Ratio Lower Upper
95 100
174 93.8 0.0 182.2
176 89.8 0.0 179.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057099.D
Acq: 6 Aug 2019 13:34

Tgt Ion: 117 Resp: 701808
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057099.D

Acq: 6 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

2S-E1-(30)

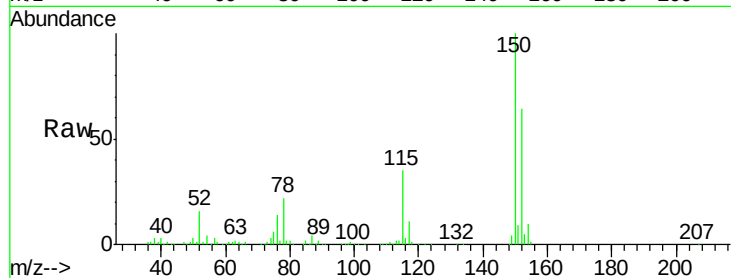
Tot Ion:152 Resp: 234554

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.6

150 159.2 0.0 349.4



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

