

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053774.D
 Acq On : 14 Feb 2019 12:55
 Operator : JC/SP
 Sample : K1350-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-021319-A

Quant Time: Feb 15 04:21:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

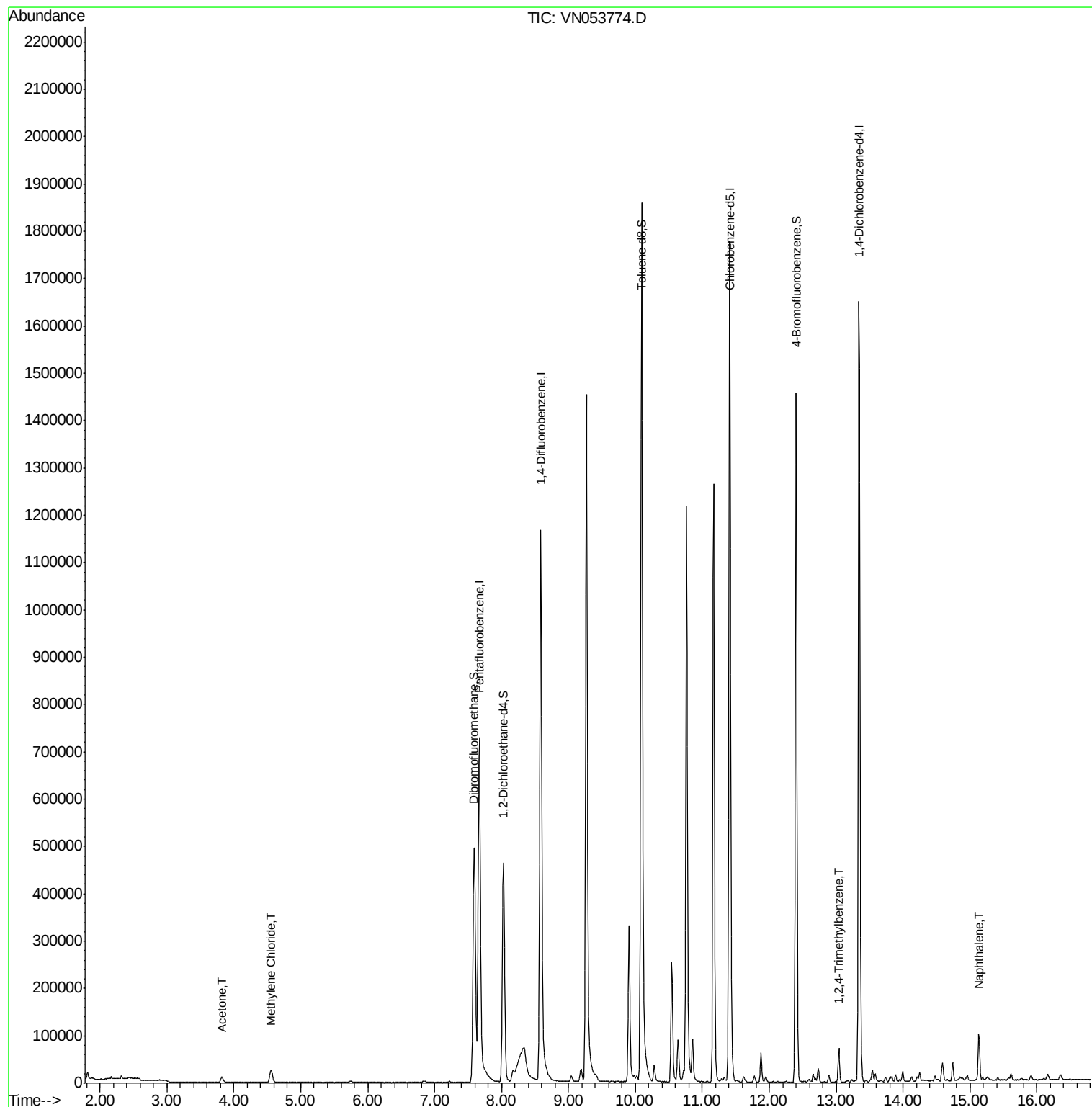
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	739825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1240935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1181077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	491831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	394346	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.59	113	397494	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.09	98	1523013	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.40	95	510038	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
Target Compounds						
16) Acetone	3.82	43	19783	10.392	ug/l	99
20) Methylene Chloride	4.55	84	20112	2.518	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	42571	1.457	ug/l	100
95) Naphthalene	15.13	128	90807	5.793	ug/l	99

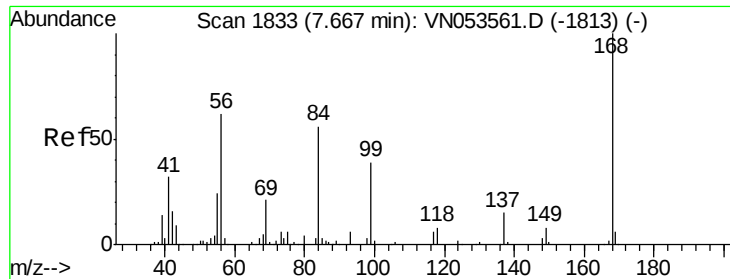
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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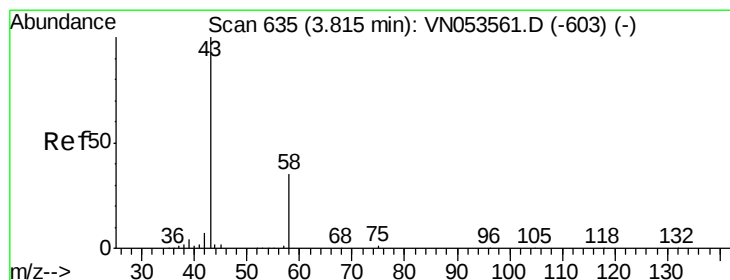
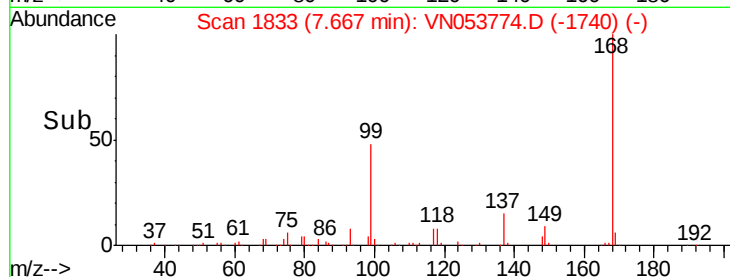
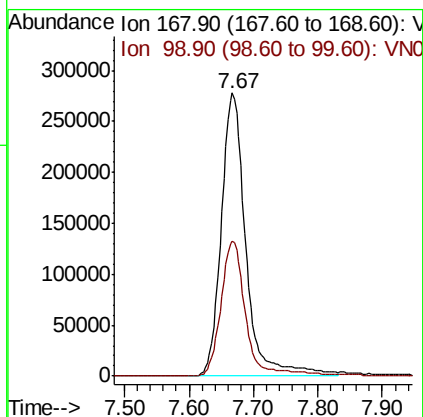
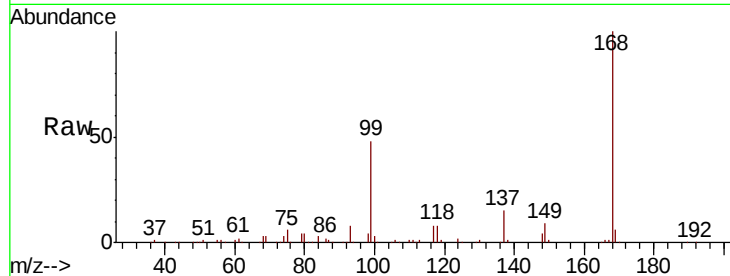




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053774.D
Acq: 14 Feb 2019 12:55

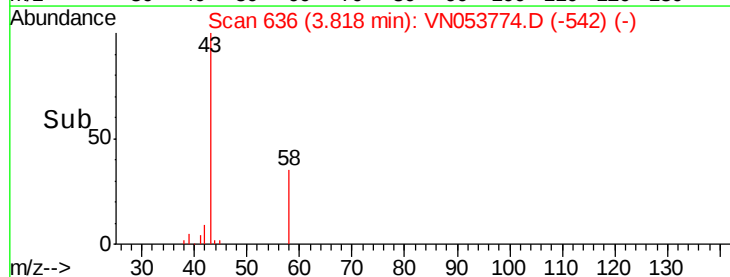
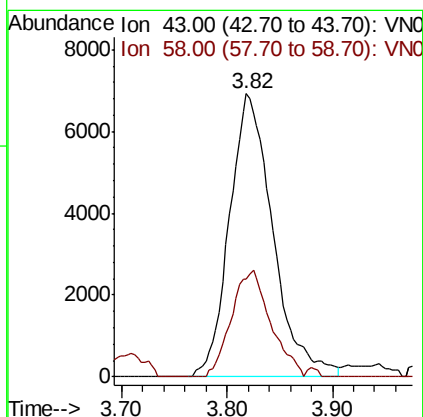
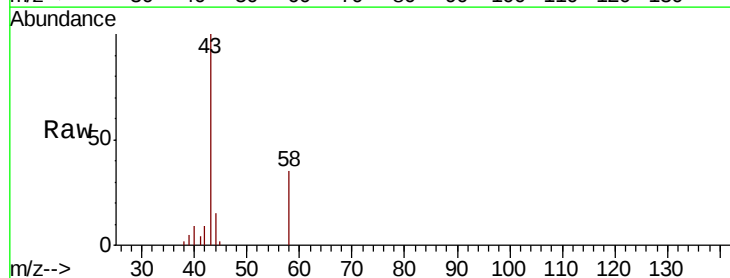
Instrument :
MSVOA_N
ClientSampleId :
EO-02-021319-A

Tot Ion:168 Resp: 739825
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#16
Acetone
Concen: 10.392 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053774.D
Acq: 14 Feb 2019 12:55

Tgt Ion: 43 Resp: 19783
Ion Ratio Lower Upper
43 100
58 34.6 27.1 40.7

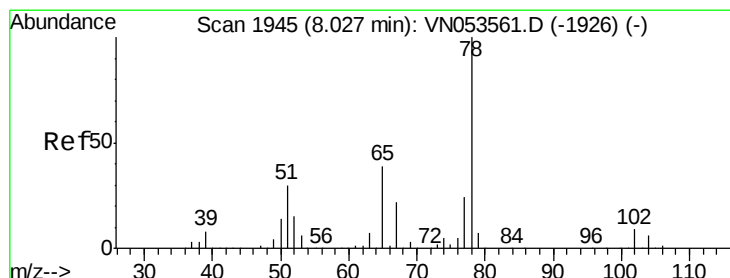
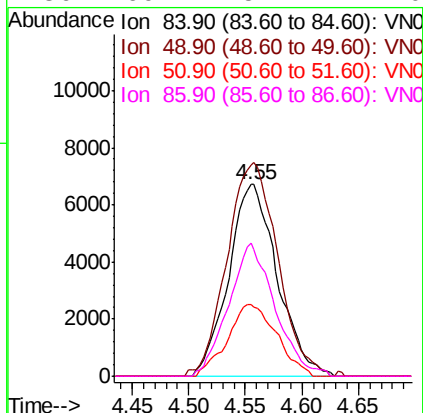
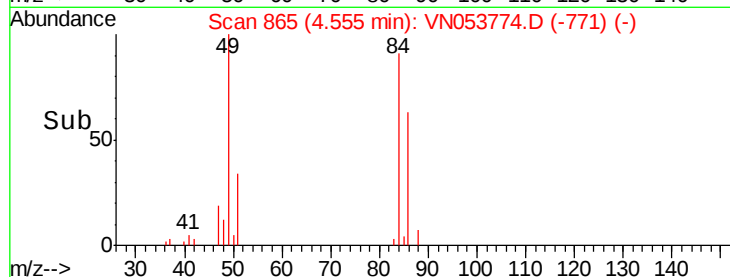
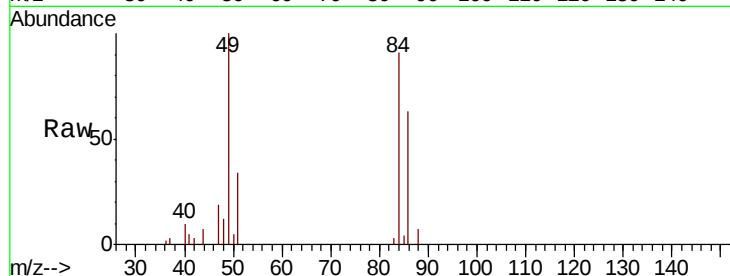




#20
Methvlene Chloride
Concen: 2.518 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053774.D
Acq: 14 Feb 2019 12:55

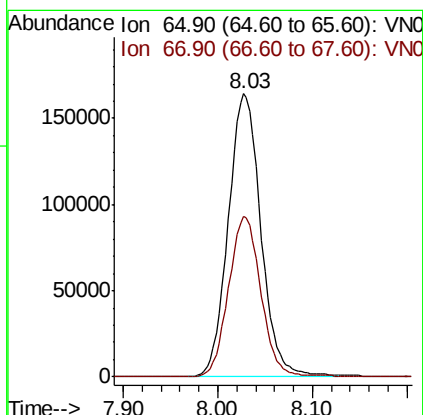
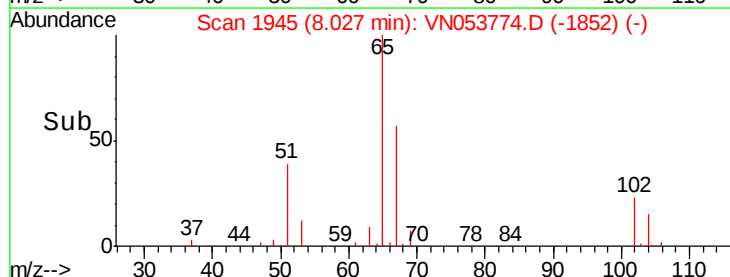
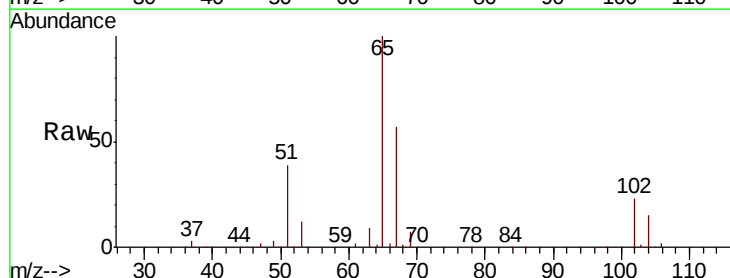
Instrument :
MSVOA_N
ClientSampleId :
EO-02-021319-A

Tot Ion:	84	Resp:	20112
Ion	Ratio	Lower	Upper
84	100		
49	107.7	94.3	141.5
51	37.2	29.4	44.2
86	69.7	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.133 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053774.D
Acq: 14 Feb 2019 12:55

Tgt Ion:	65	Resp:	394346
Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	111.2

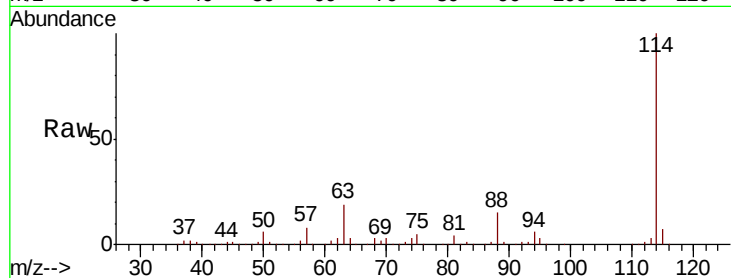




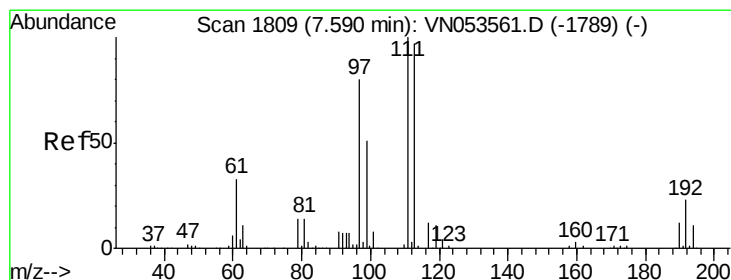
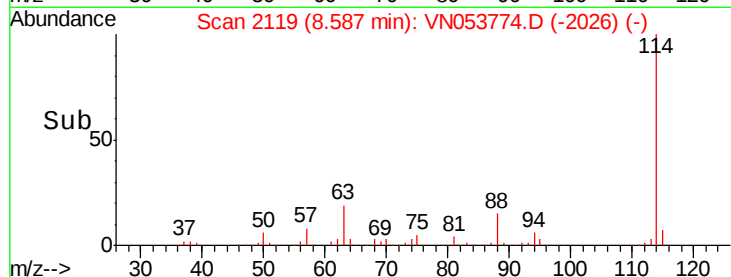
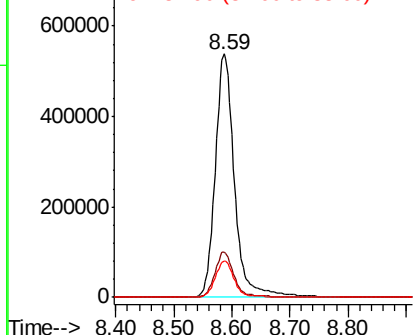
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053774.D
 Acq: 14 Feb 2019 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-021319-A

Tot Ion:114 Resp: 1240935
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 14.9 0.0 30.4

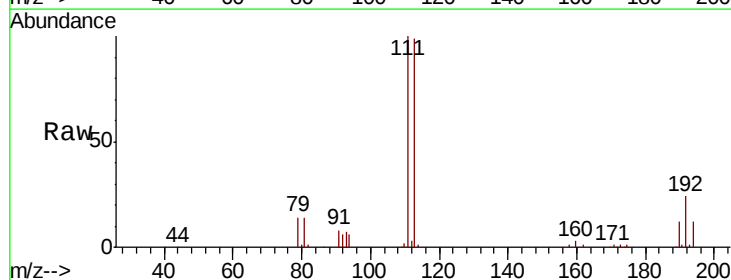


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

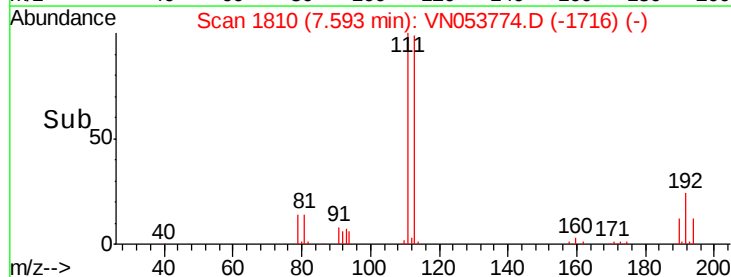
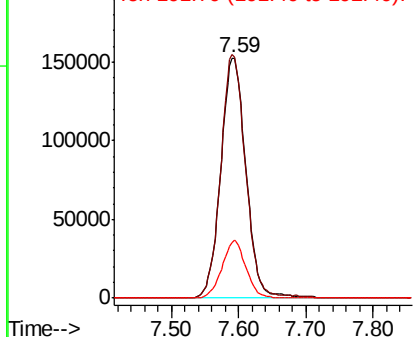


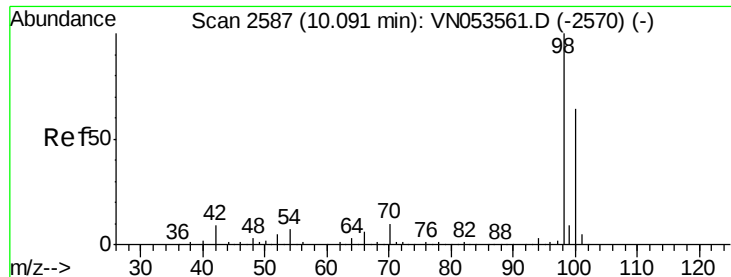
#35
 Dibromofluoromethane
 Concen: 50.694 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053774.D
 Acq: 14 Feb 2019 12:55

Tgt Ion:113 Resp: 397494
 Ion Ratio Lower Upper
 113 100
 111 99.1 81.1 121.7
 192 22.9 18.2 27.2



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





#50

Toluene-d8

Concen: 51.730 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053774.D

Acq: 14 Feb 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

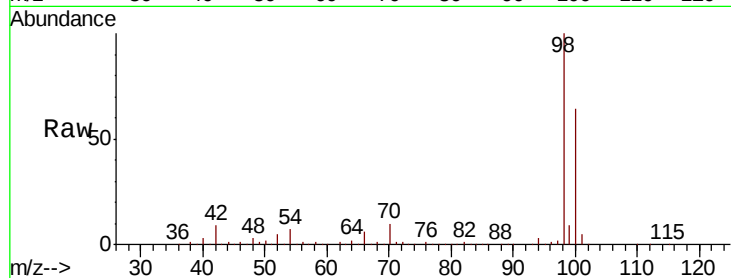
EO-02-021319-A

Tot Ion: 98 Resp: 1523013

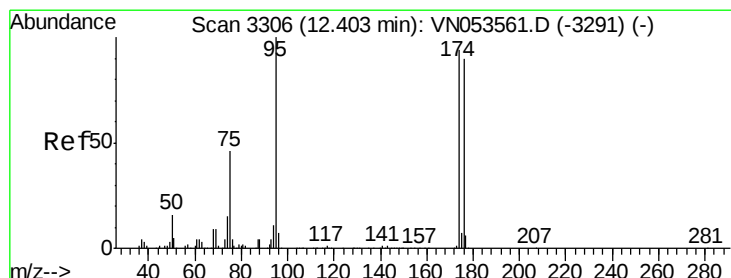
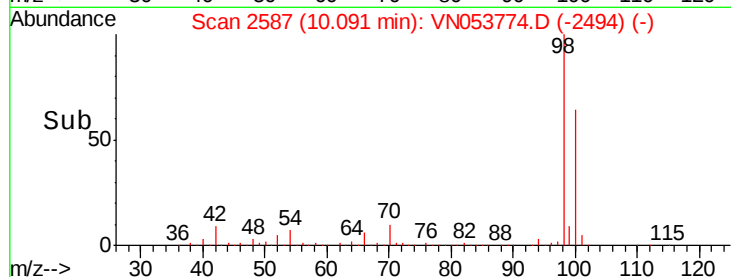
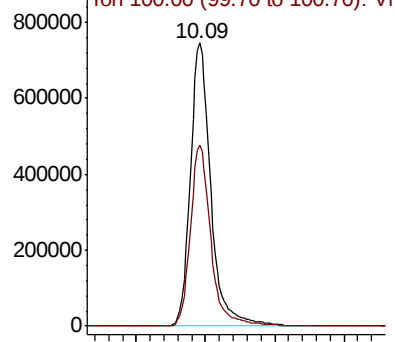
Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 51.942 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053774.D

Acq: 14 Feb 2019 12:55

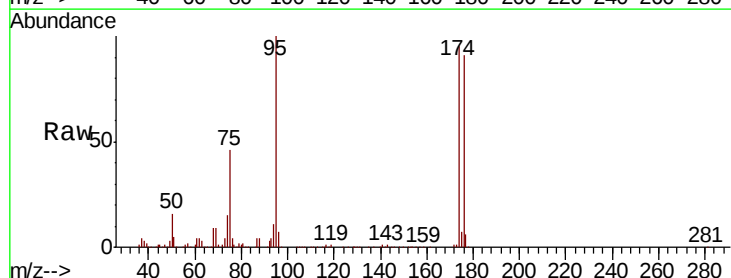
Tgt Ion: 95 Resp: 510038

Ion Ratio Lower Upper

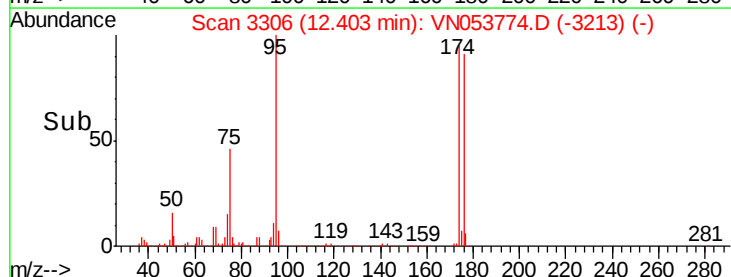
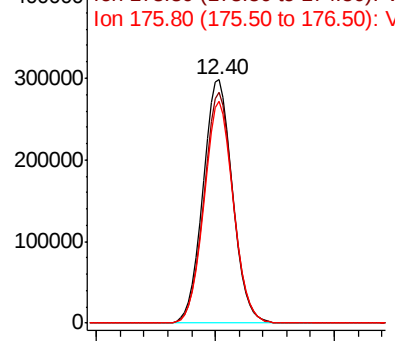
95 100

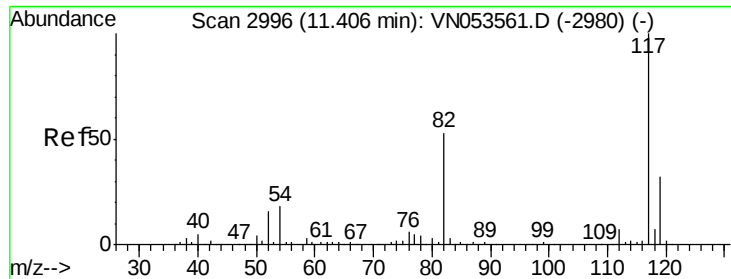
174 94.1 0.0 183.2

176 90.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053774.D

Acq: 14 Feb 2019 12:55

Instrument :

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ClientSampleId :

EO-02-021319-A

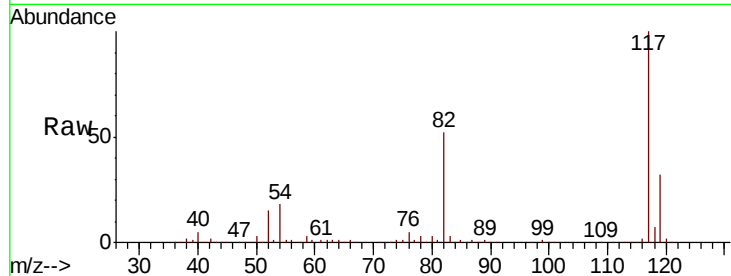
Tot Ion:117 Resp: 1181077

Ion Ratio Lower Upper

117 100

82 52.1 42.9 64.3

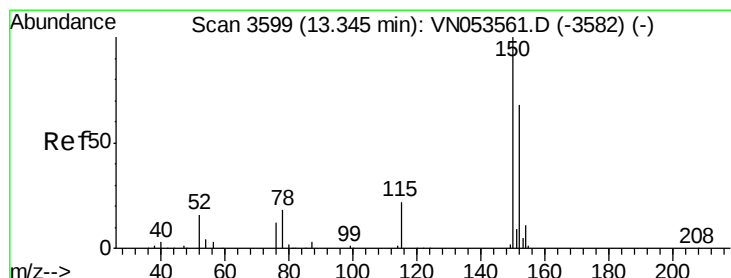
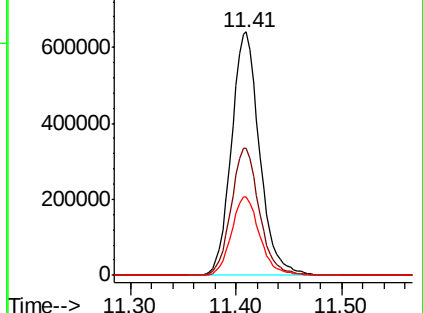
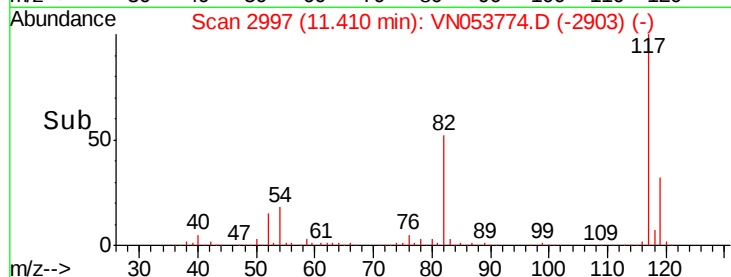
119 32.2 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN053774.D

Acq: 14 Feb 2019 12:55

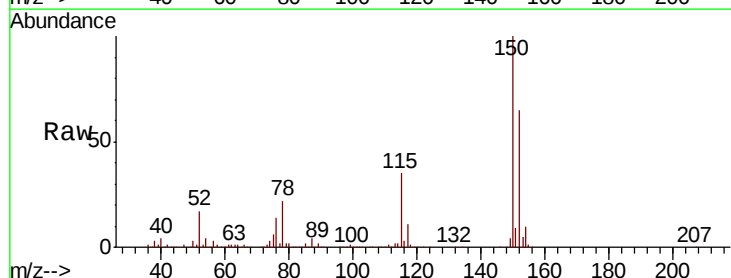
Tgt Ion:152 Resp: 491831

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

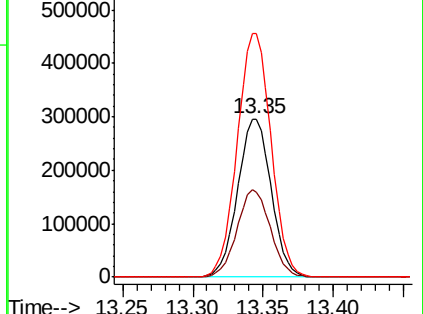
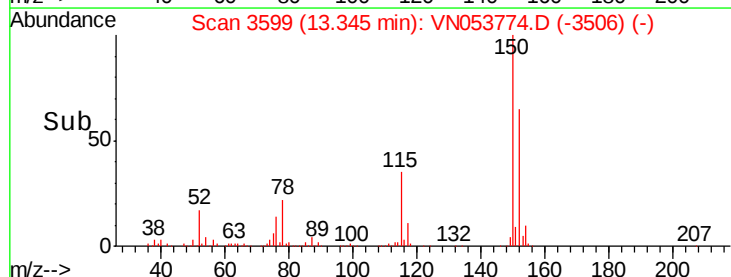
150 155.7 0.0 349.0

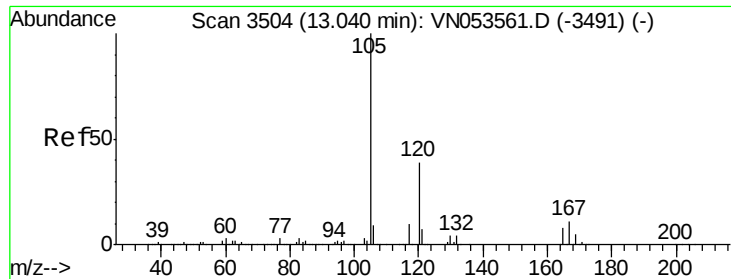


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

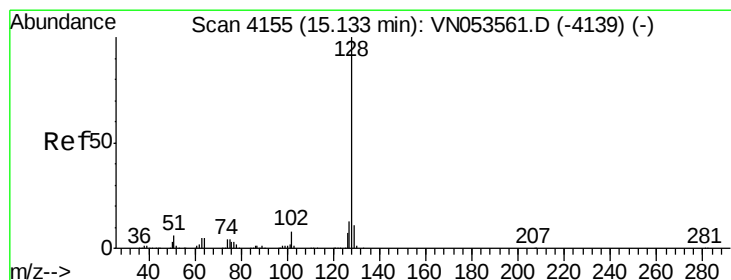
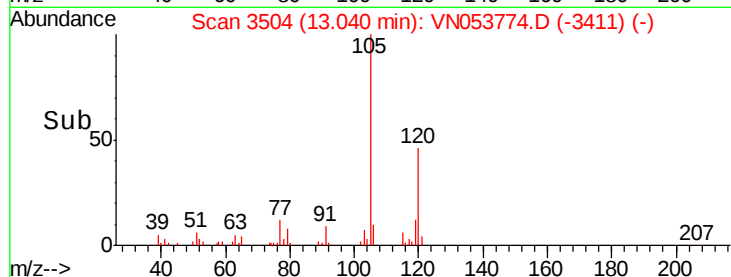
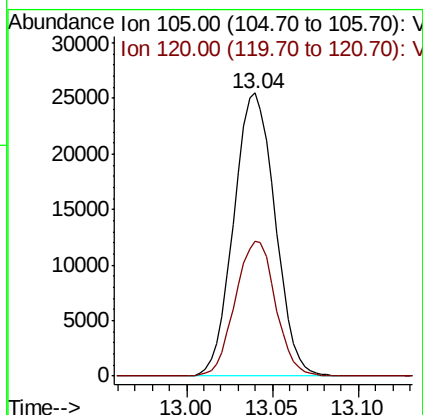
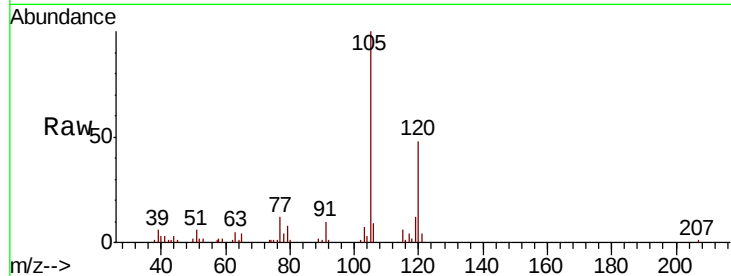




#84
 1,2,4-Trimethylbenzene
 Concen: 1.457 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053774.D
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Instrument :
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 EO-02-021319-A

Tot Ion:105 Resp: 42571
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0



#95
 Naphthalene
 Concen: 5.793 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053774.D
 Acq: 14 Feb 2019 12:55

Tgt Ion:128 Resp: 90807
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.3 15.5
 129 10.8 8.6 13.0

