

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056776.D
 Acq On : 16 Jul 2019 18:06
 Operator : JC/SP
 Sample : K3623-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-071519-A

Quant Time: Jul 17 02:34:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	253561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	462845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	493529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183079	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	152221	54.27	ug/l	0.00
Spiked Amount			Recovery	=	108.54%	
35) Dibromofluoromethane	7.59	113	137687	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	10.09	98	590627	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.40	95	212721	56.70	ug/l	0.00
Spiked Amount			Recovery	=	113.40%	

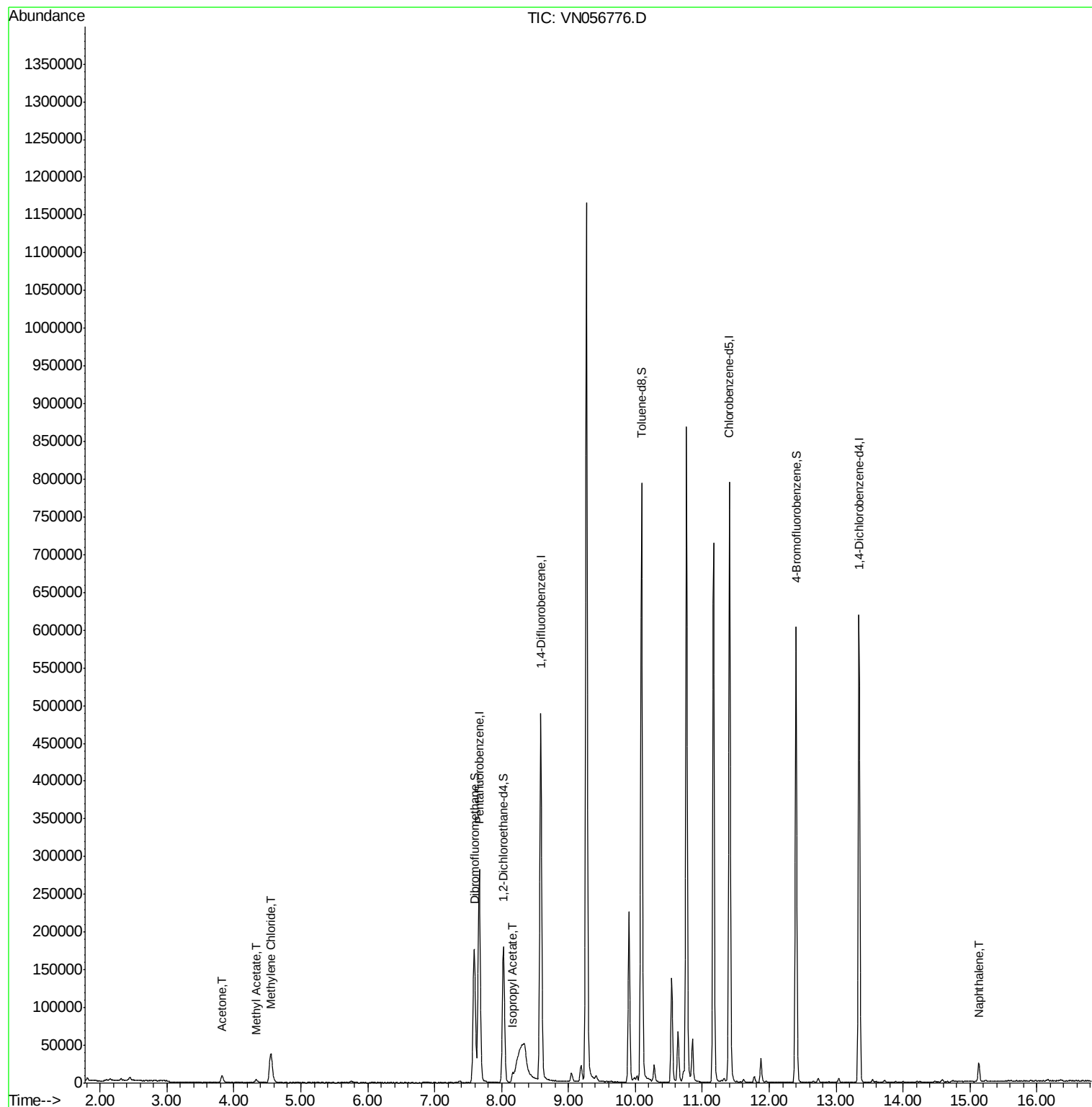
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	16353	12.652	ug/l	93
18) Methyl Acetate	4.34	43	9041	2.184	ug/l #	90
20) Methylene Chloride	4.55	84	31696	11.222	ug/l	97
43) Isopropyl Acetate	8.17	43	16381	2.468	ug/l	93
95) Naphthalene	15.13	128	23821	6.734	ug/l	99

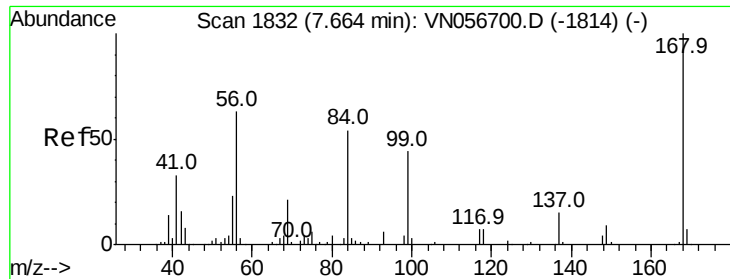
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056776.D

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MSVOA_N

ClientSampleId :

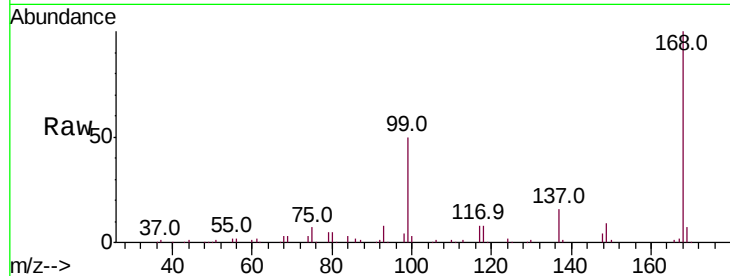
EO-02-071519-A

Tot Ion:168 Resp: 253561

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

60000

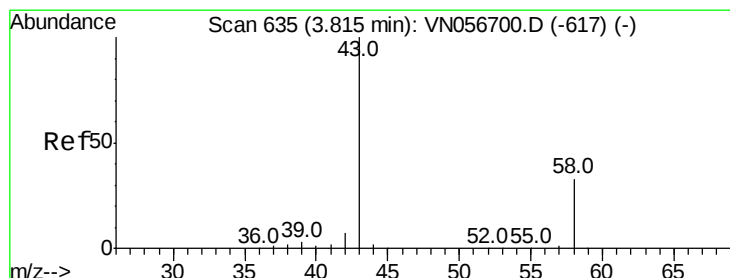
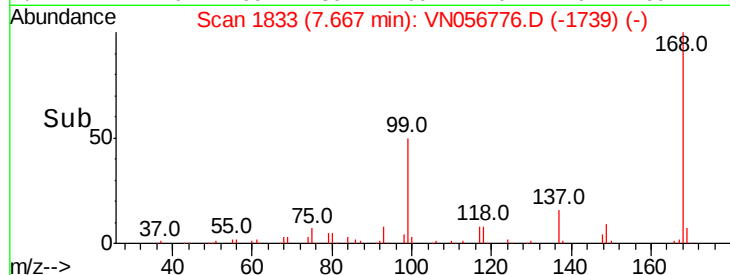
40000

20000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 12.652 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056776.D

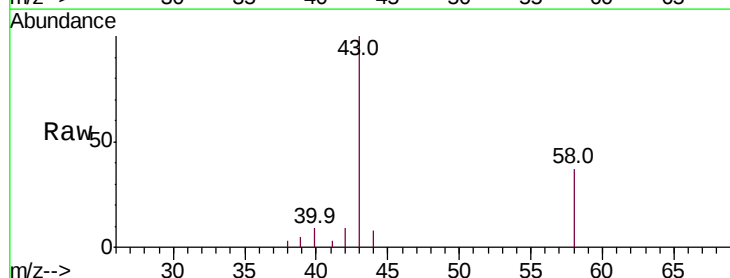
Acq: 16 Jul 2019 18:06

Tgt Ion: 43 Resp: 16353

Ion Ratio Lower Upper

43 100

58 37.1 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

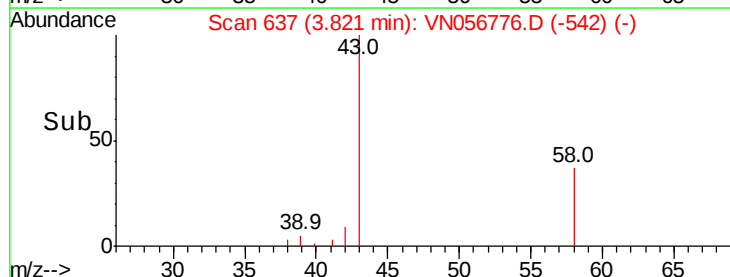
4000

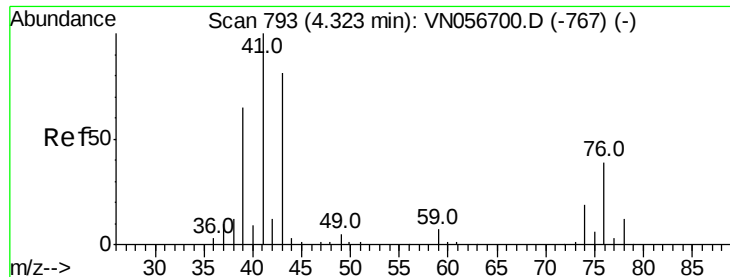
2000

0

Time-->

3.80 3.90

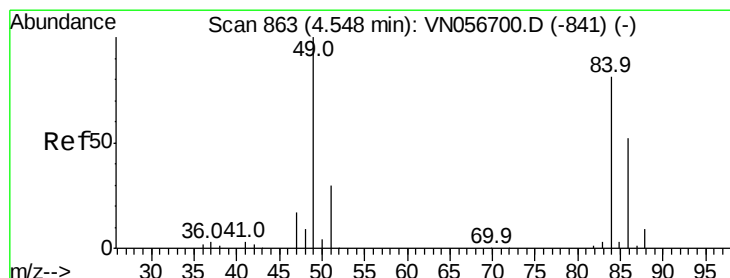
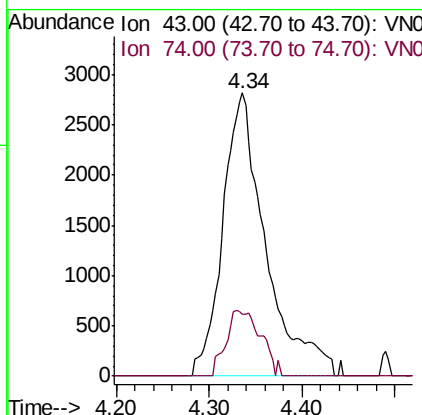
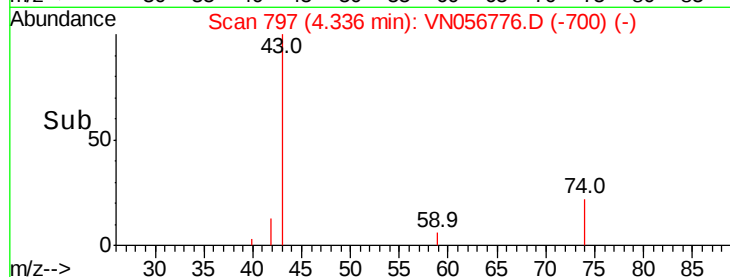
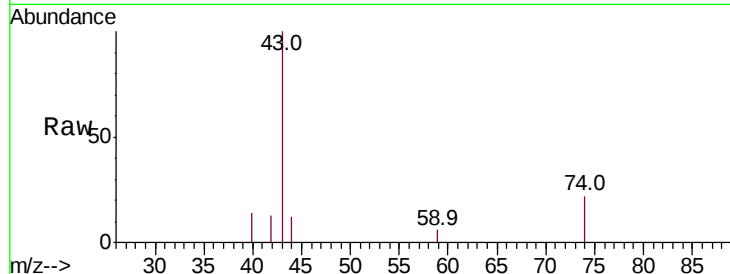




#18
Methyl Acetate
Concen: 2.184 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056776.D
Acq: 16 Jul 2019 18:06

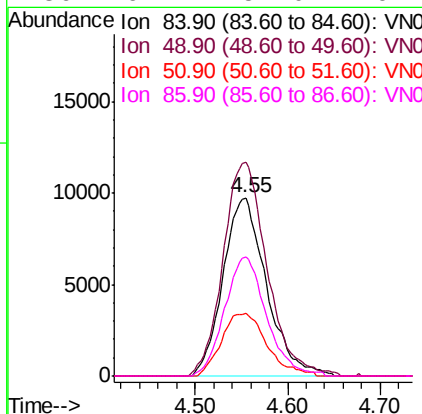
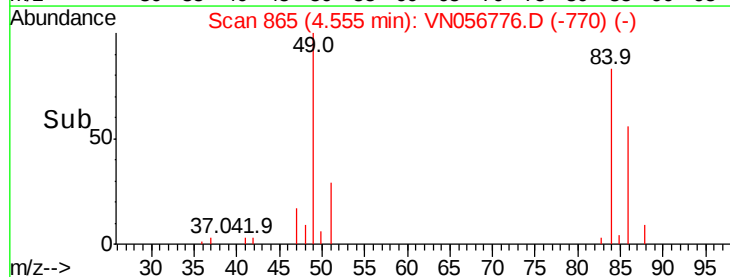
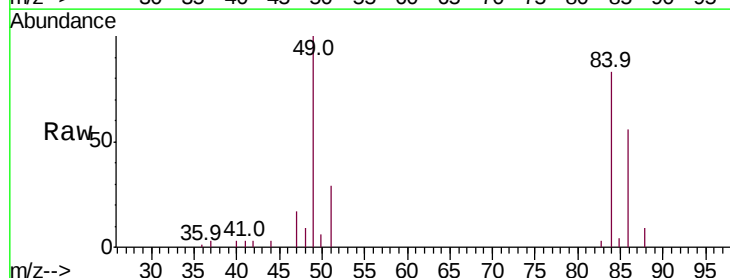
Instrument :
MSVOA_N
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EO-02-071519-A

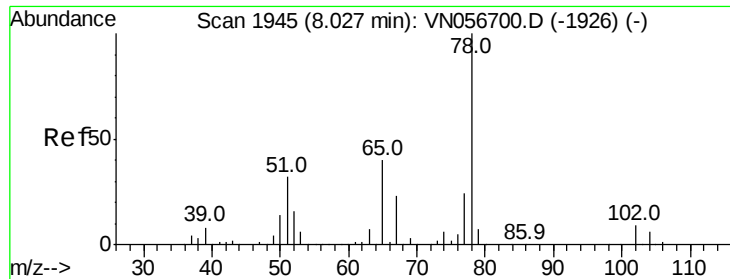
Tot Ion: 43 Resp: 9041
Ion Ratio Lower Upper
43 100
74 18.7 18.9 28.3#



#20
Methylene Chloride
Concen: 11.222 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056776.D
Acq: 16 Jul 2019 18:06

Tgt Ion: 84 Resp: 31696
Ion Ratio Lower Upper
84 100
49 119.9 98.2 147.4
51 35.1 29.6 44.4
86 67.1 51.0 76.4

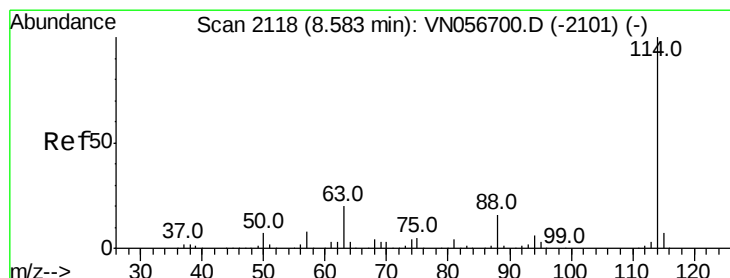
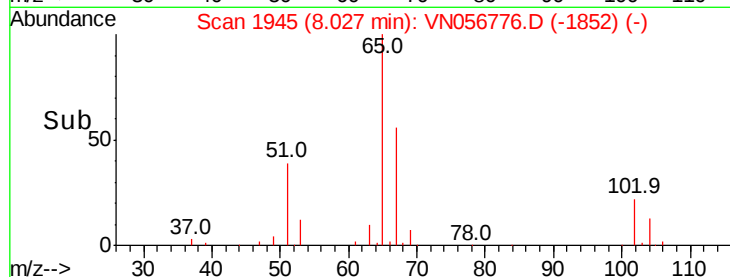
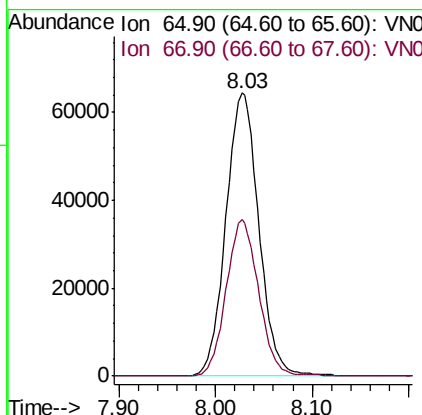
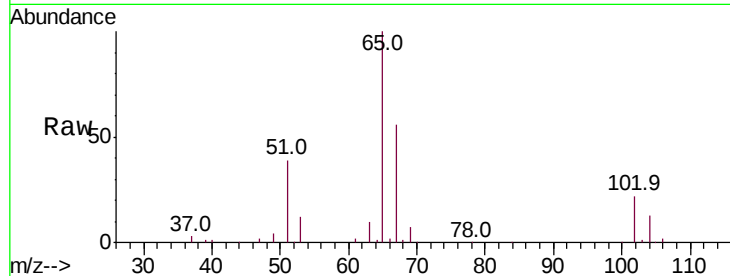




#33
 1,2-Dichloroethane-d4
 Concen: 54.273 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056776.D
 Acq: 16 Jul 2019 18:06

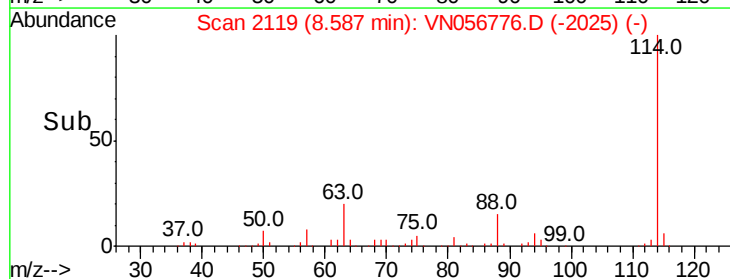
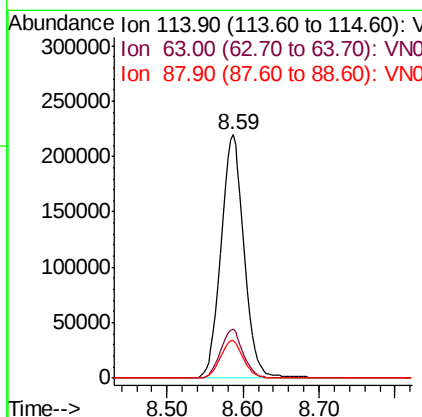
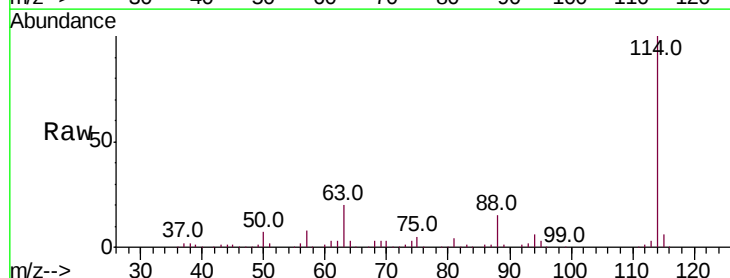
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-071519-A

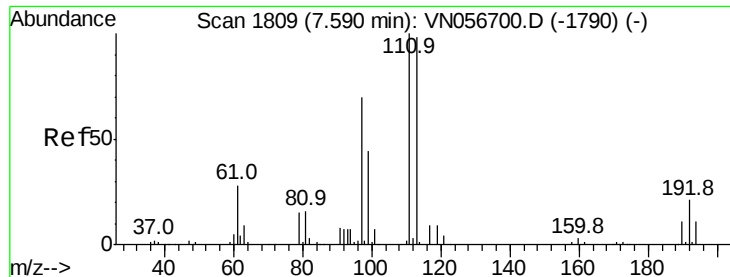
Tot Ion: 65 Resp: 152221
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056776.D
 Acq: 16 Jul 2019 18:06

Tgt Ion: 114 Resp: 462845
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.4 0.0 31.2

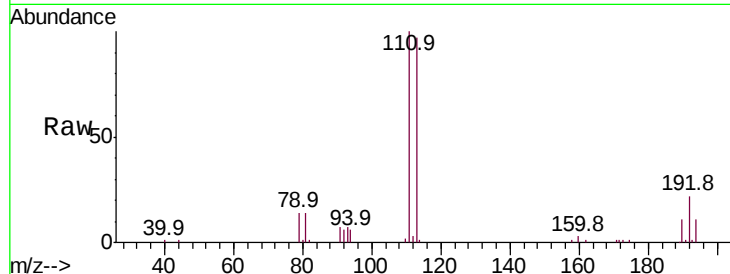




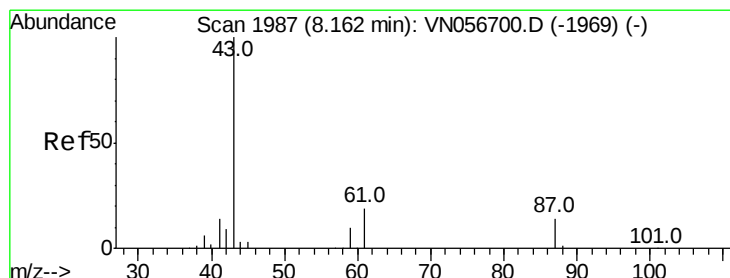
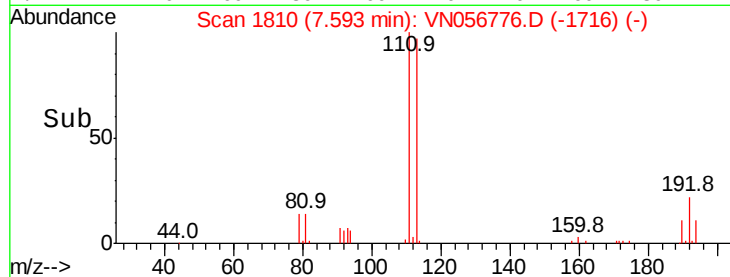
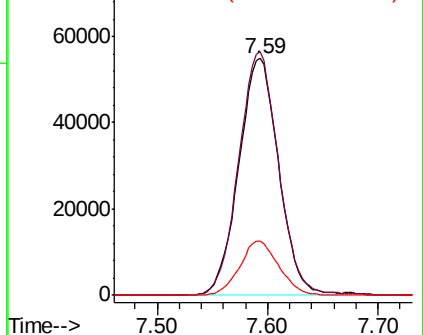
#35
 Dibromofluoromethane
 Concen: 47.802 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056776.D
 Acq: 16 Jul 2019 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-071519-A

Tot Ion:113 Resp: 137687
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.6
 192 22.4 17.5 26.3

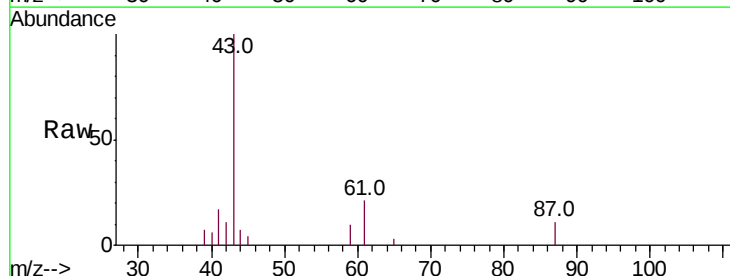


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

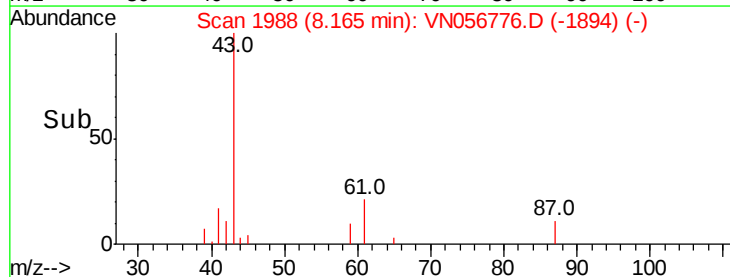
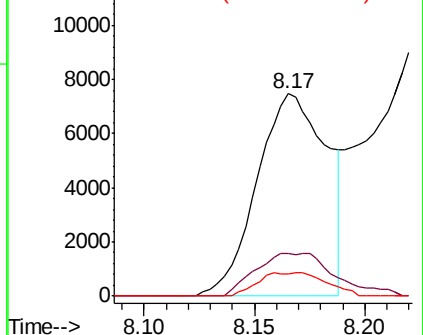


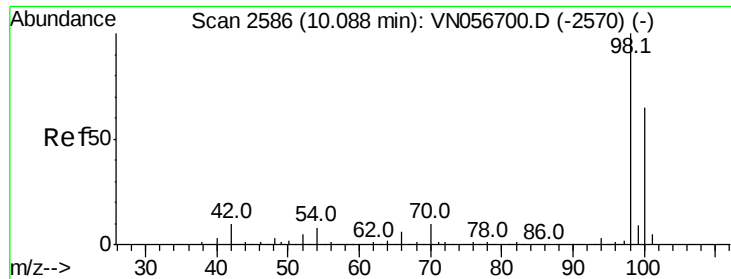
#43
 Isopropyl Acetate
 Concen: 2.468 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN056776.D
 Acq: 16 Jul 2019 18:06

Tgt Ion: 43 Resp: 16381
 Ion Ratio Lower Upper
 43 100
 61 24.1 22.3 33.5
 87 11.3 11.1 16.7



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: 53.091 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056776.D

Acq: 16 Jul 2019 18:06

Instrument :

MSVOA_N

ClientSampleId :

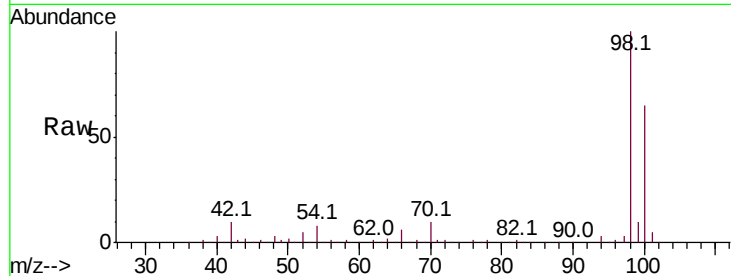
EO-02-071519-A

Tot Ion: 98 Resp: 590627

Ion Ratio Lower Upper

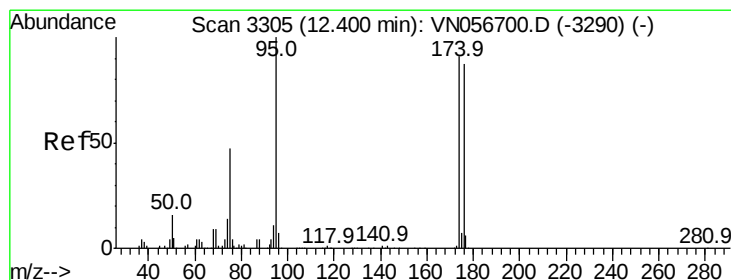
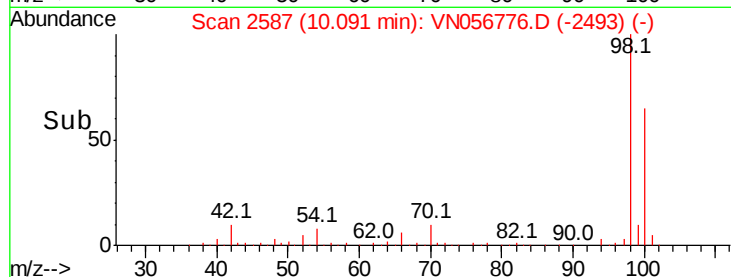
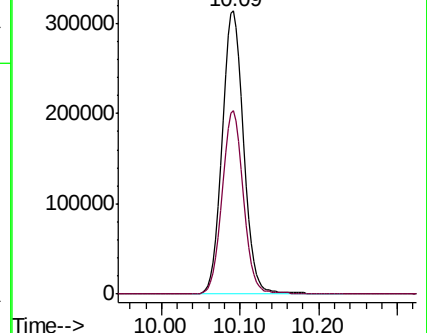
98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056776.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056776.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 56.701 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056776.D

Acq: 16 Jul 2019 18:06

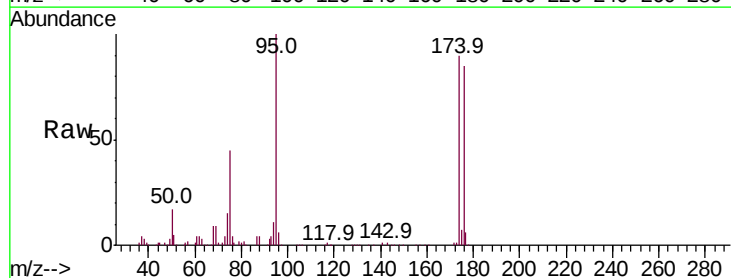
Tgt Ion: 95 Resp: 212721

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.0

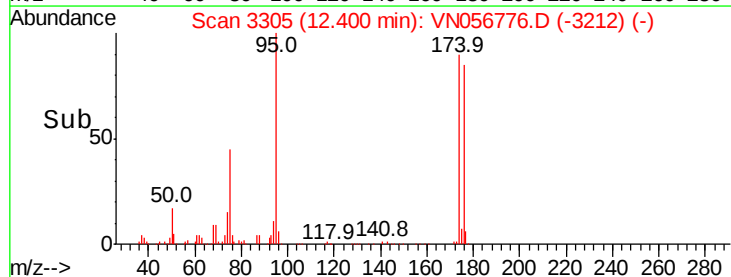
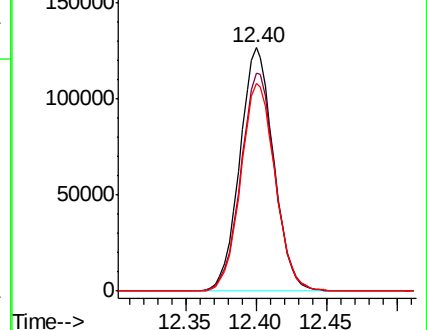
176 86.9 0.0 173.2

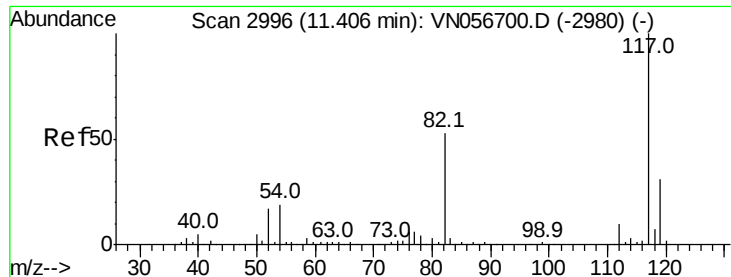


Abundance Ion 94.90 (94.60 to 95.60): VN056776.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056776.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056776.D (-3212) (-)

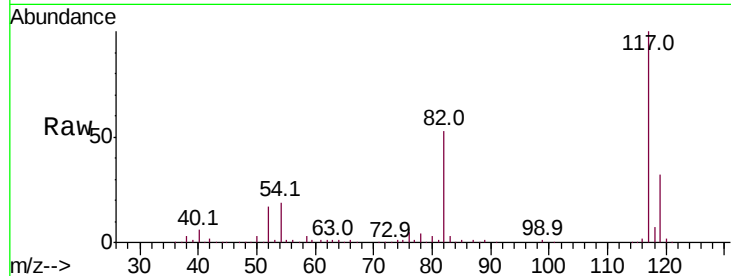




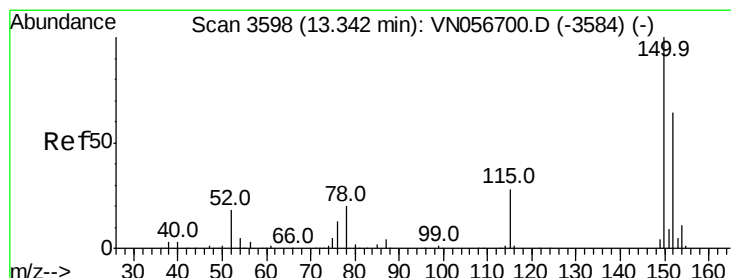
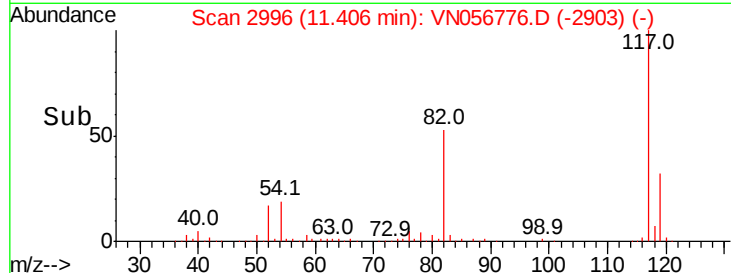
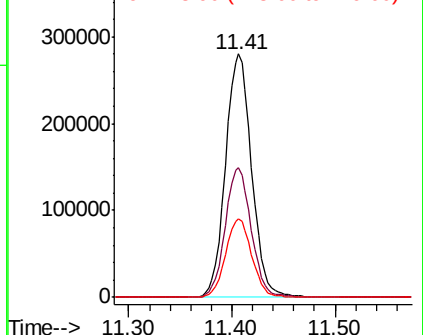
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056776.D
 Acq: 16 Jul 2019 18:06

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Tot Ion:117 Resp: 493529
 Ion Ratio Lower Upper
 117 100
 82 53.1 42.2 63.2
 119 32.4 25.2 37.8

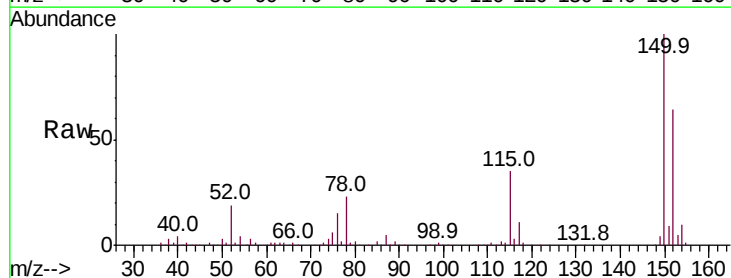


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

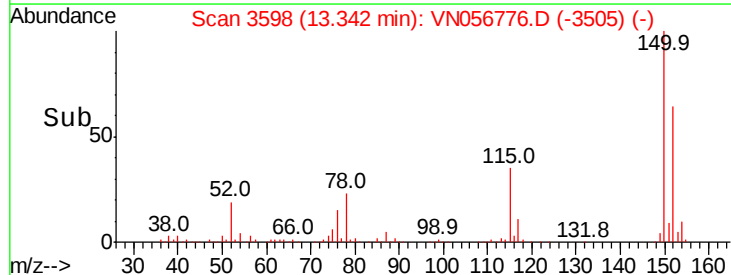
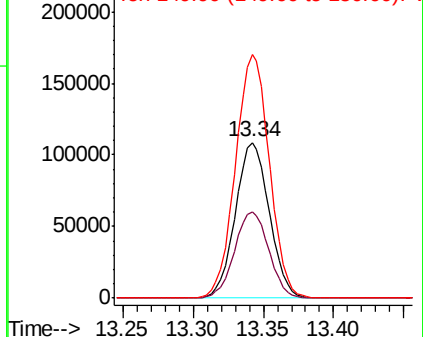


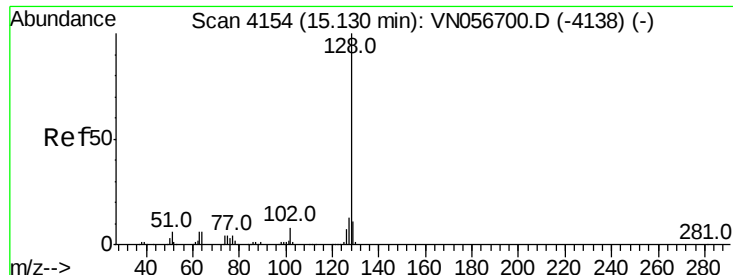
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN056776.D
 Acq: 16 Jul 2019 18:06

Tgt Ion:152 Resp: 183079
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 156.7 0.0 345.8



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





#95

Naphthalene

Concen: 6.734 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056776.D

Acq: 16 Jul 2019 18:06

Instrument :

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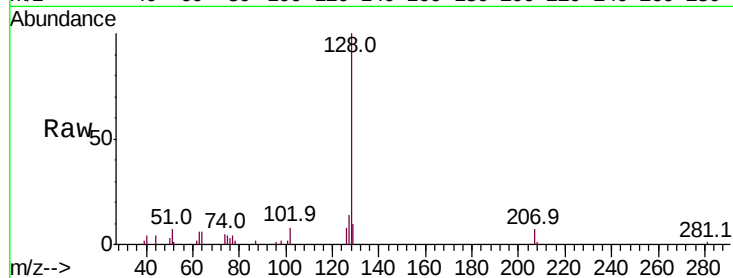
Tot Ion:128 Resp: 23821

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

