

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056775.D
 Acq On : 16 Jul 2019 17:42
 Operator : JC/SP
 Sample : K3623-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jul 17 02:29:00 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

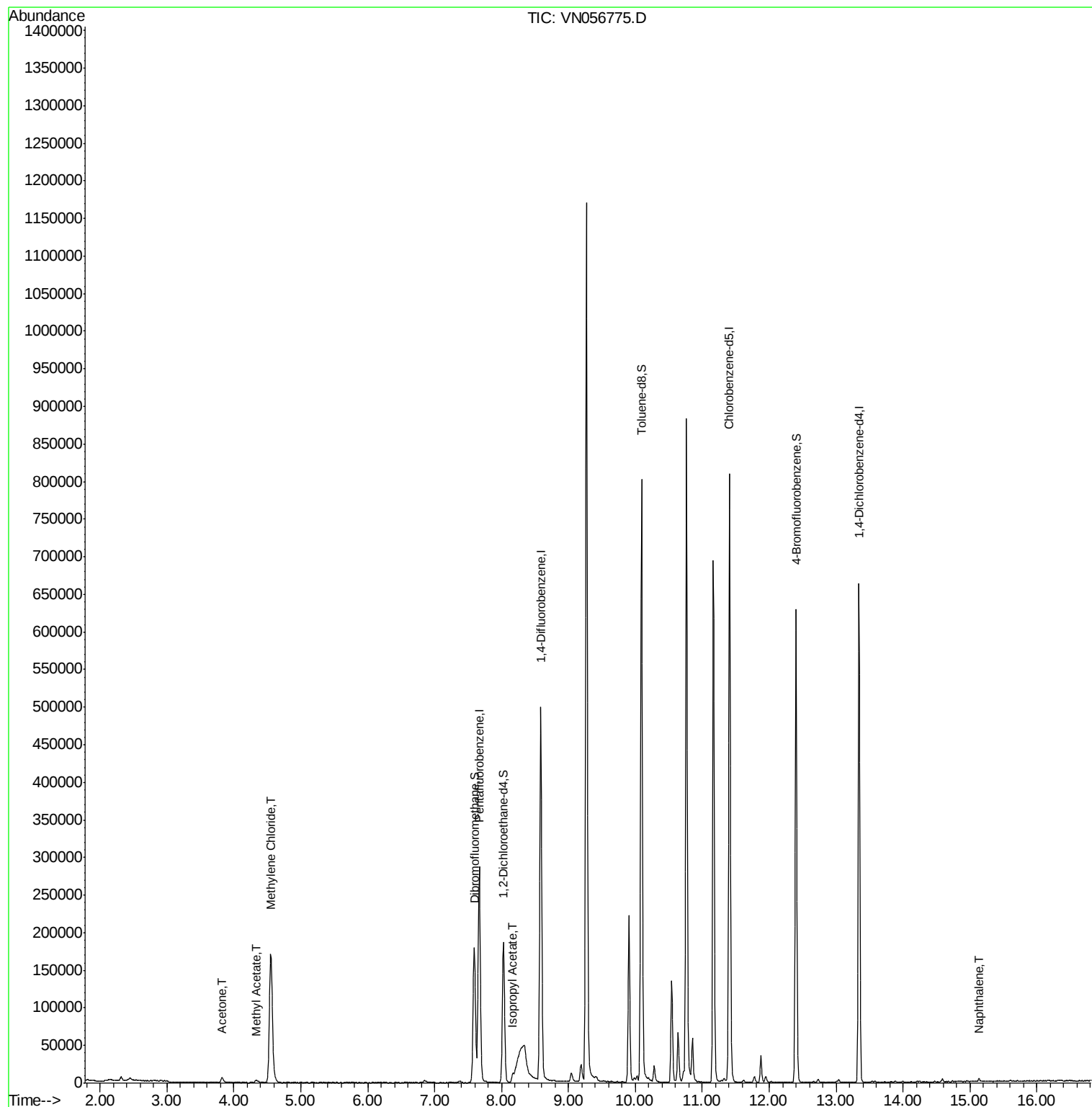
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	260521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	475002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	505384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	156524	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
35) Dibromofluoromethane	7.59	113	140862	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
50) Toluene-d8	10.09	98	601088	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.40	95	223432	58.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.06%	
Target Compounds						
16) Acetone	3.82	43	12001	9.037	ug/l	99
18) Methyl Acetate	4.33	43	6463	1.217	ug/l #	74
20) Methylene Chloride	4.55	84	139401	48.036	ug/l	96
43) Isopropyl Acetate	8.17	43	15363	2.256	ug/l #	93
95) Naphthalene	15.13	128	4609	4.939	ug/l #	93

(#) = 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: VN056775.D

Acq: 16 Jul 2019 17:42

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MSVOA_N

ClientSampleId :

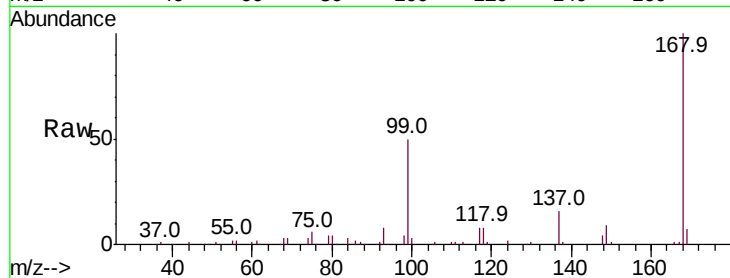
EO-02-071519-B

Tot Ion:168 Resp: 260521

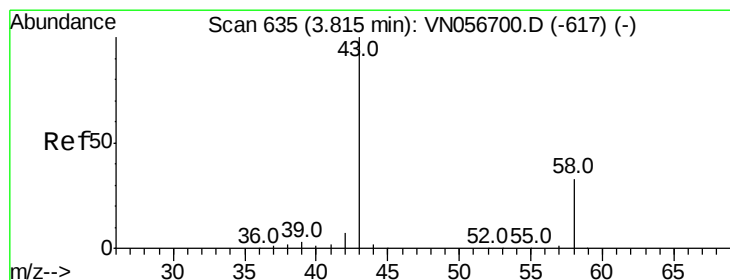
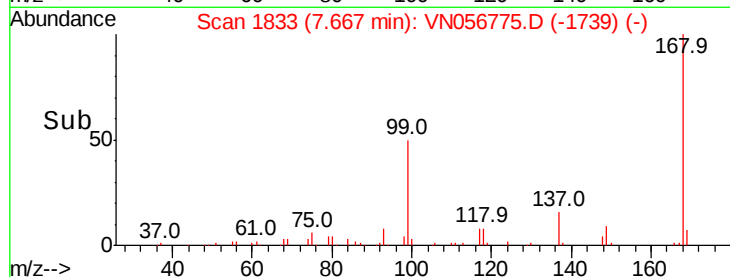
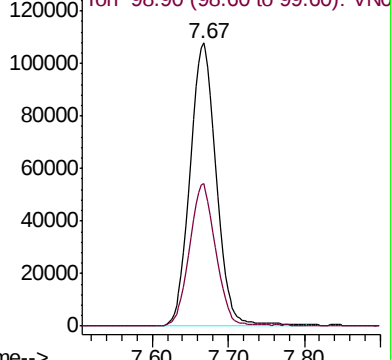
Ion Ratio Lower Upper

168 100

99 50.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056775.D (-1739) (-)



#16

Acetone

Concen: 9.037 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056775.D

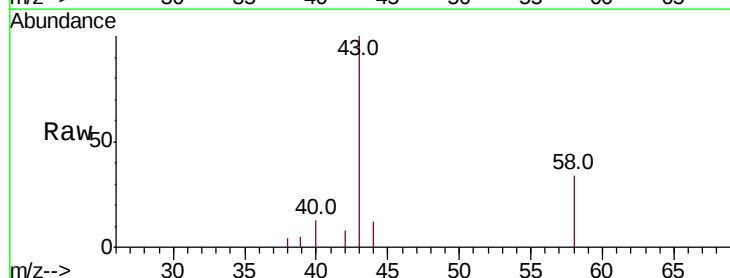
Acq: 16 Jul 2019 17:42

Tgt Ion: 43 Resp: 12001

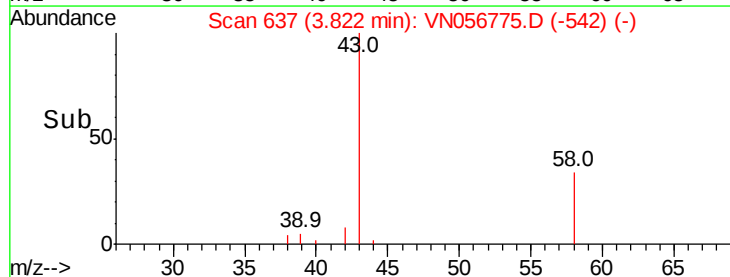
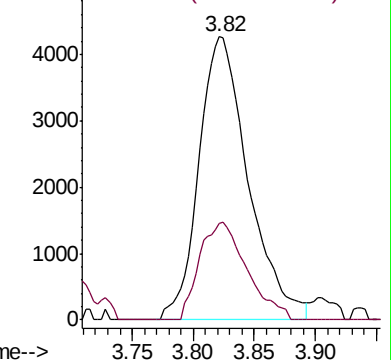
Ion Ratio Lower Upper

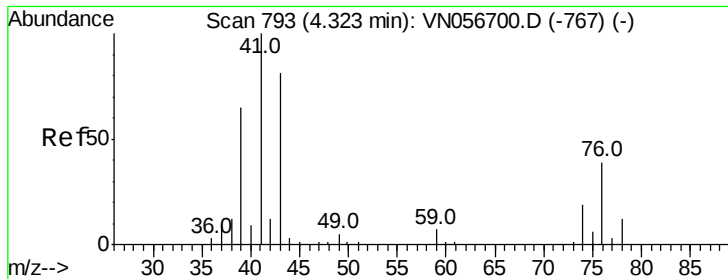
43 100

58 34.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056775.D (-542) (-)

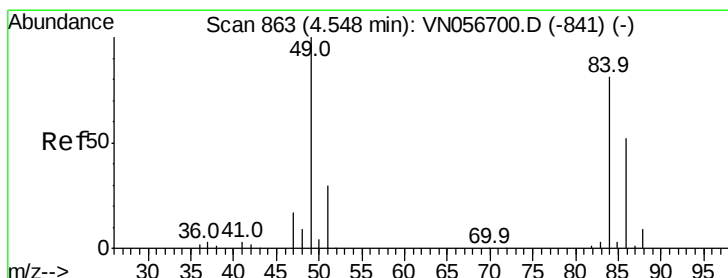
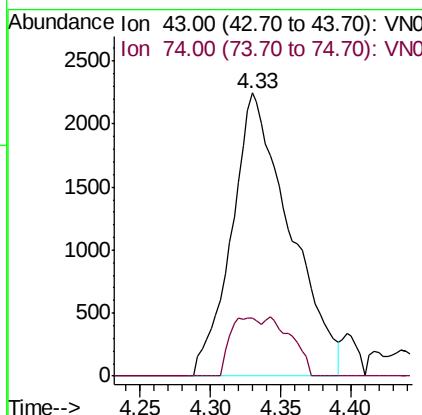
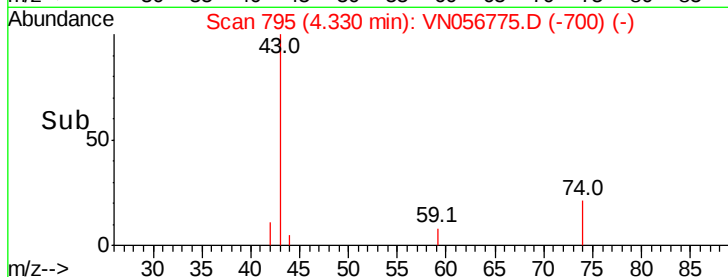
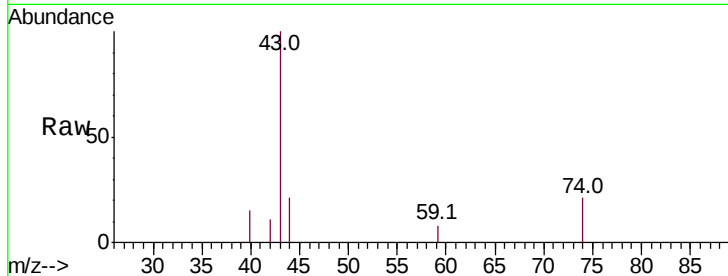




#18
Methyl Acetate
Concen: 1.217 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056775.D
Acq: 16 Jul 2019 17:42

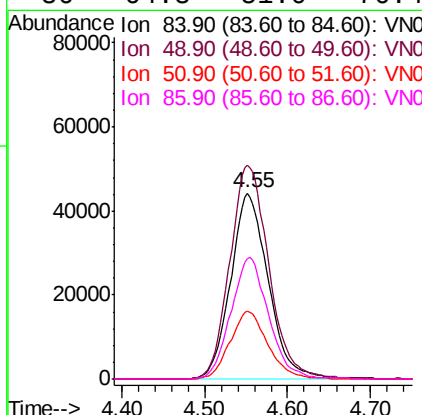
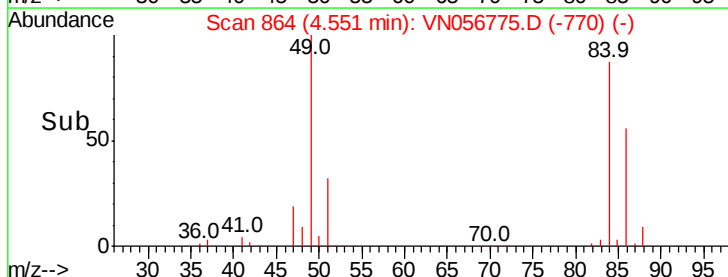
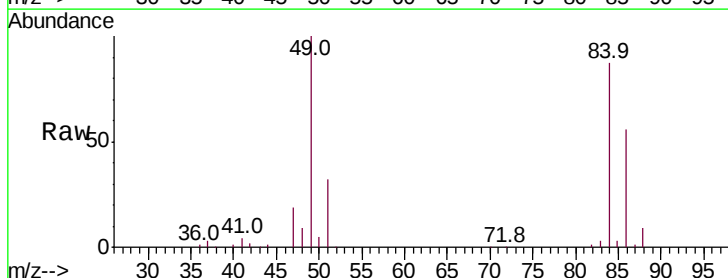
Instrument :
MSVOA_N
ClientSampleId :
EO-02-071519-B

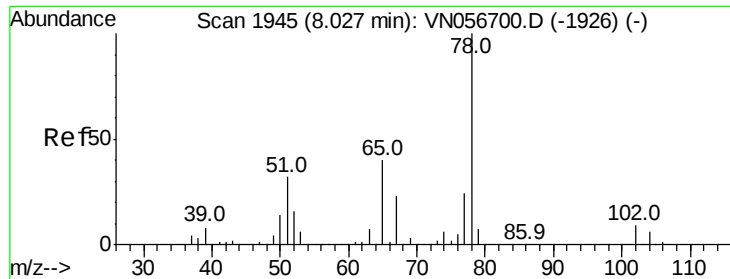
Tot Ion: 43 Resp: 6463
Ion Ratio Lower Upper
43 100
74 10.9 18.9 28.3#



#20
Methylene Chloride
Concen: 48.036 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056775.D
Acq: 16 Jul 2019 17:42

Tgt Ion: 84 Resp: 139401
Ion Ratio Lower Upper
84 100
49 114.9 98.2 147.4
51 36.5 29.6 44.4
86 64.8 51.0 76.4

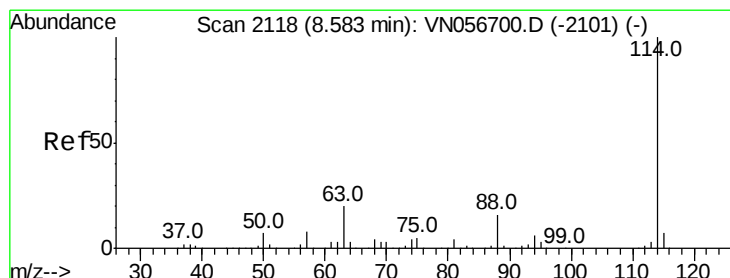
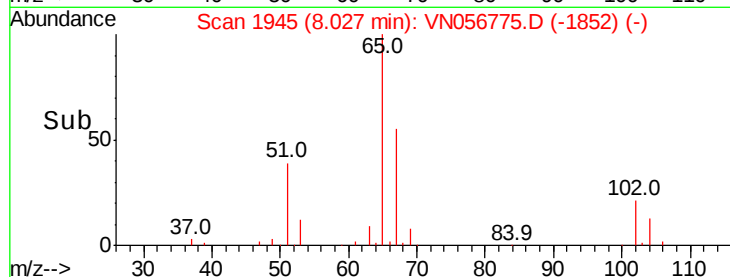
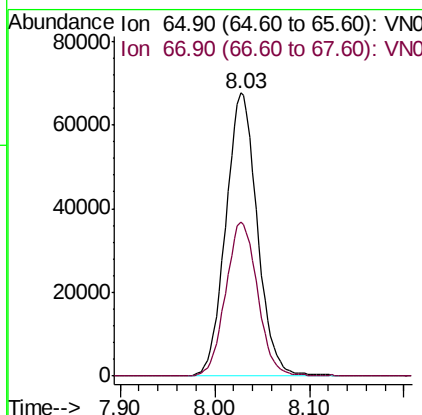
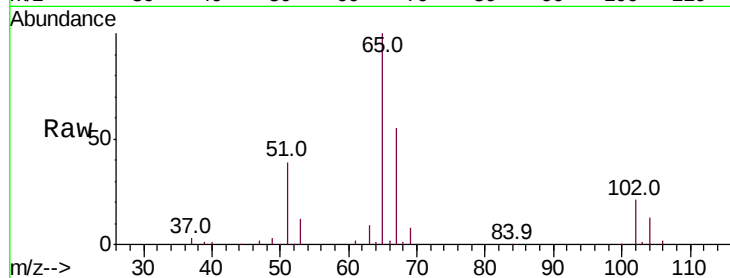




#33
 1,2-Dichloroethane-d4
 Concen: 54.316 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056775.D
 Acq: 16 Jul 2019 17:42

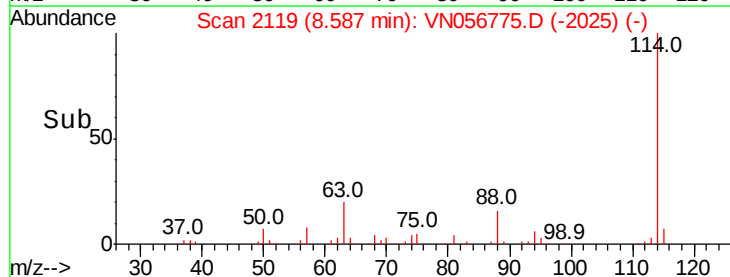
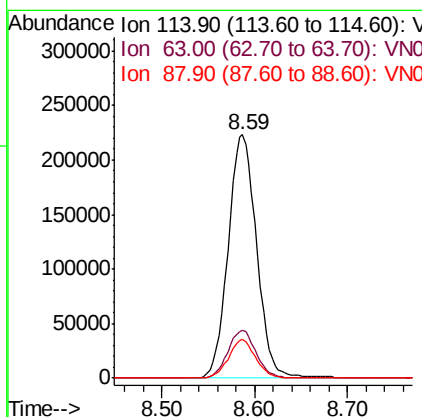
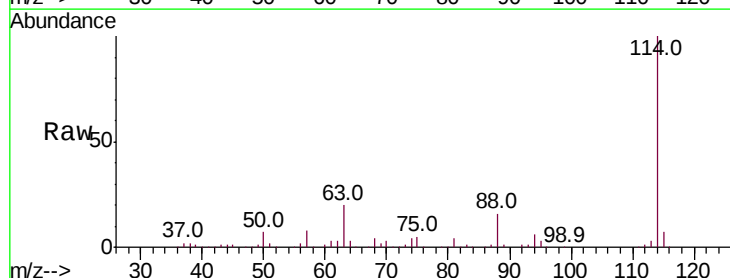
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-071519-B

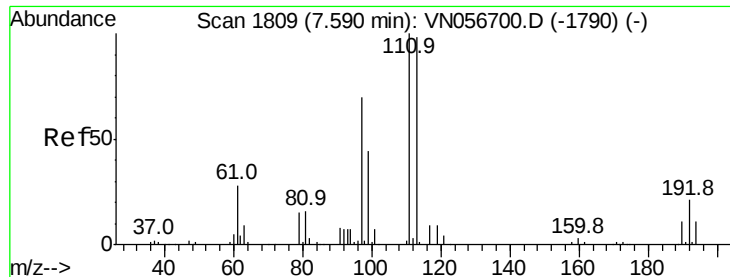
Tot Ion: 65 Resp: 156524
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056775.D
 Acq: 16 Jul 2019 17:42

Tgt Ion: 114 Resp: 475002
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.652 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056775.D

Acq: 16 Jul 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

EO-02-071519-B

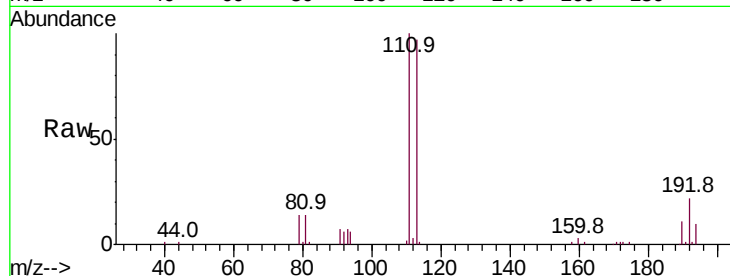
Tot Ion:113 Resp: 140862

Ion Ratio Lower Upper

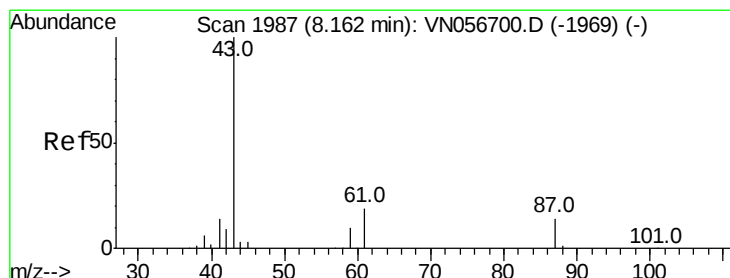
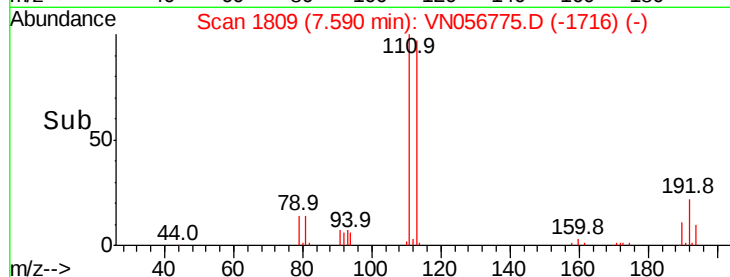
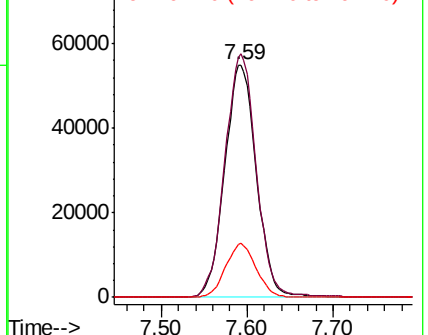
113 100

111 103.8 81.8 122.6

192 22.2 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: 2.256 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056775.D

Acq: 16 Jul 2019 17:42

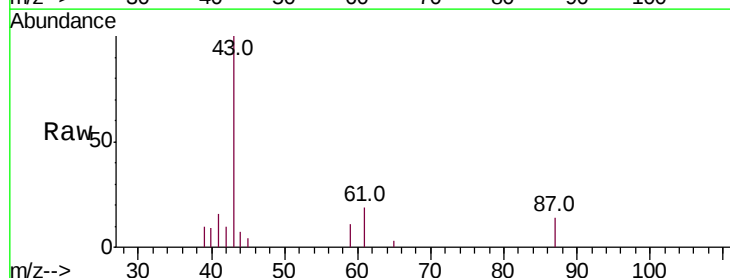
Tgt Ion: 43 Resp: 15363

Ion Ratio Lower Upper

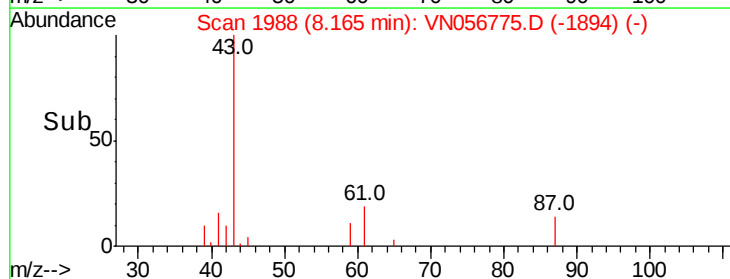
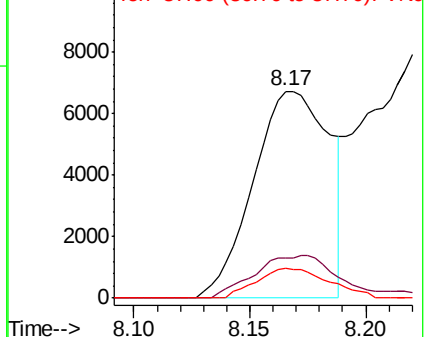
43 100

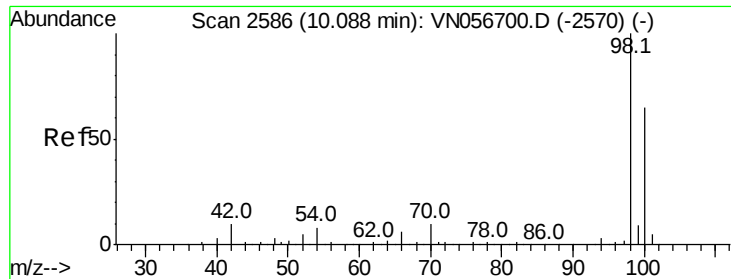
61 22.3 22.3 33.5#

87 13.6 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: 52.649 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056775.D

Acq: 16 Jul 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

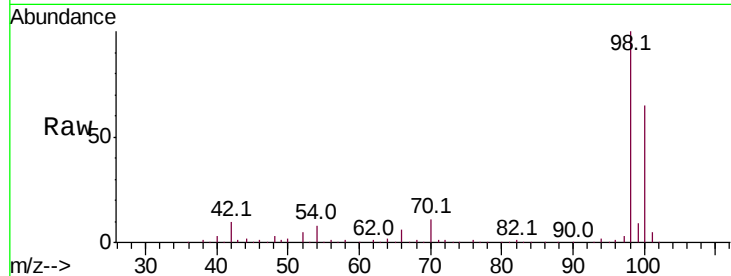
EO-02-071519-B

Tot Ion: 98 Resp: 601088

Ion Ratio Lower Upper

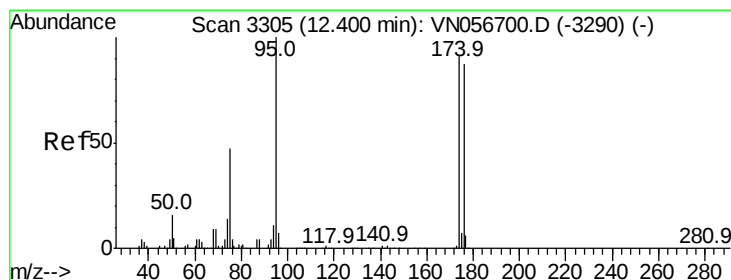
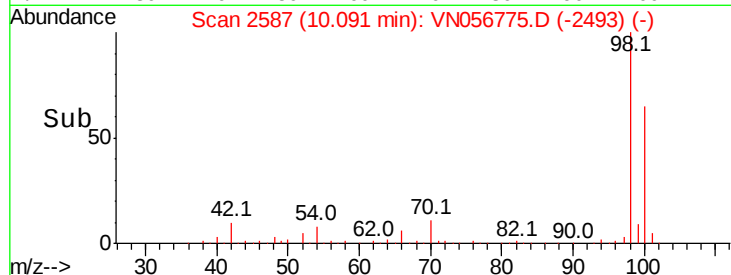
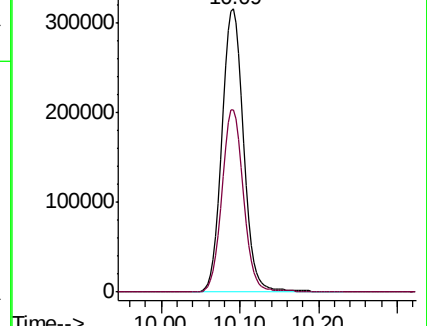
98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056775.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN056775.D (-2493) (-)



#62

4-Bromofluorobenzene

Concen: 58.032 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056775.D

Acq: 16 Jul 2019 17:42

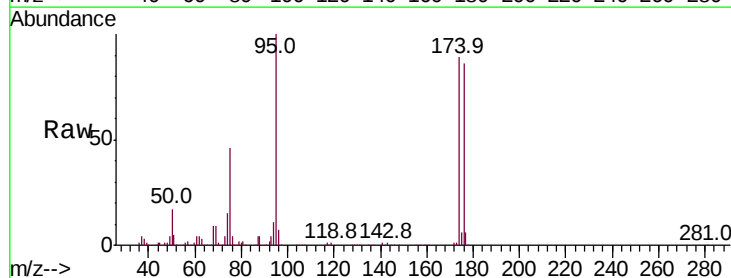
Tgt Ion: 95 Resp: 223432

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

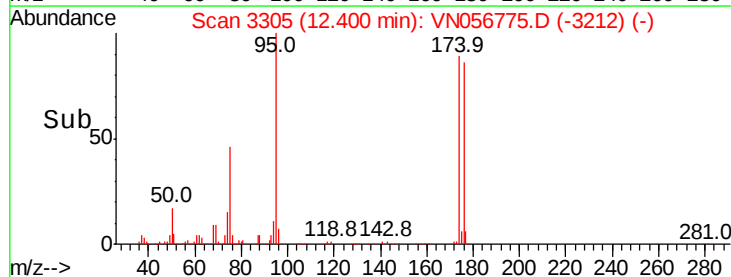
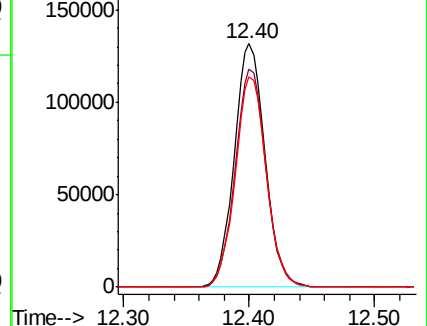
176 87.2 0.0 173.2

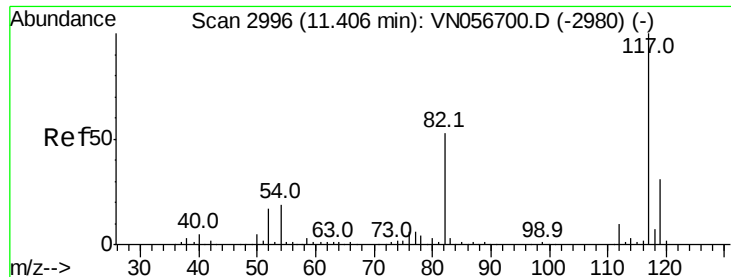


Abundance Ion 94.90 (94.60 to 95.60): VN056775.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056775.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056775.D (-3212) (-)

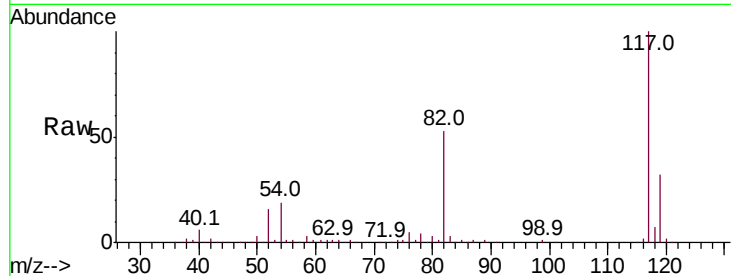




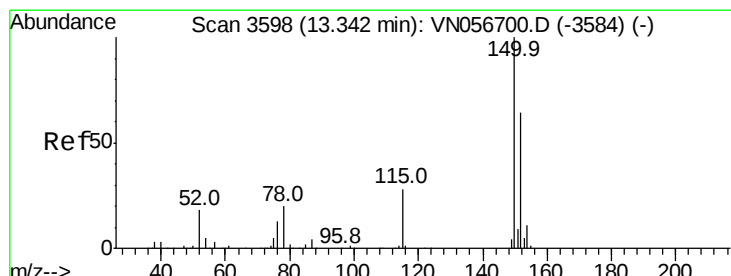
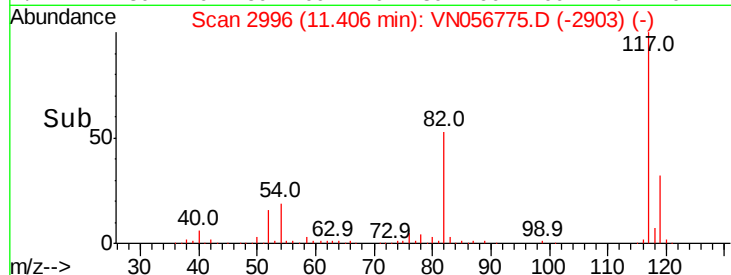
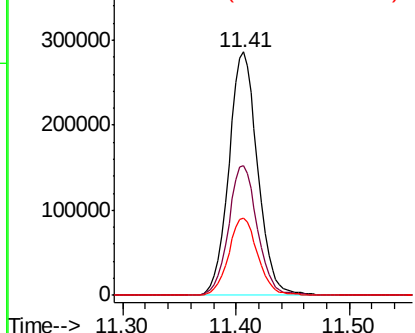
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056775.D
Acq: 16 Jul 2019 17:42

Instrument :
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Tot Ion:117 Resp: 505384
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 31.8 25.2 37.8

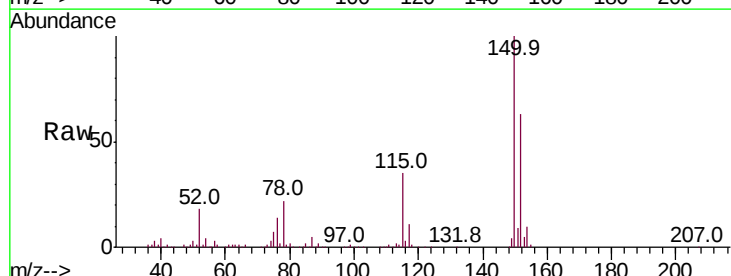


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

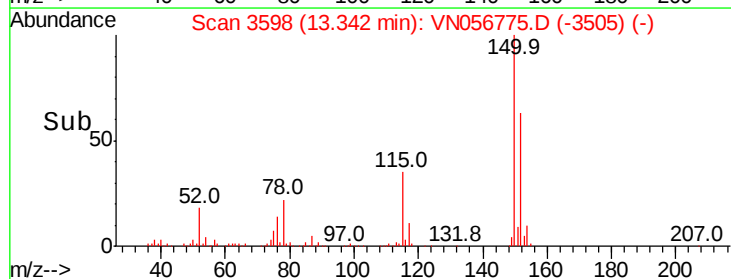
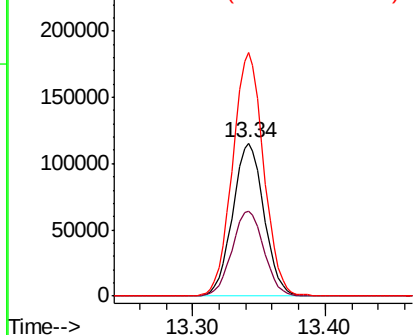


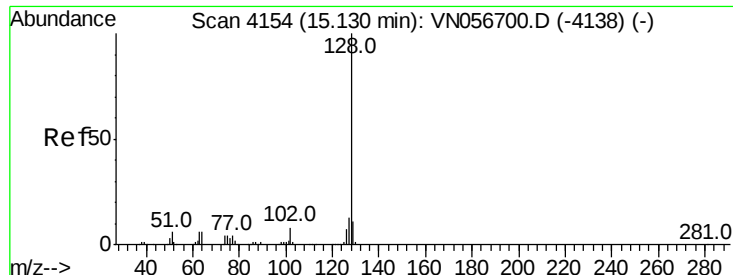
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056775.D
Acq: 16 Jul 2019 17:42

Tgt Ion:152 Resp: 189290
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 157.7 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: 4.939 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056775.D

Acq: 16 Jul 2019 17:42

Instrument :

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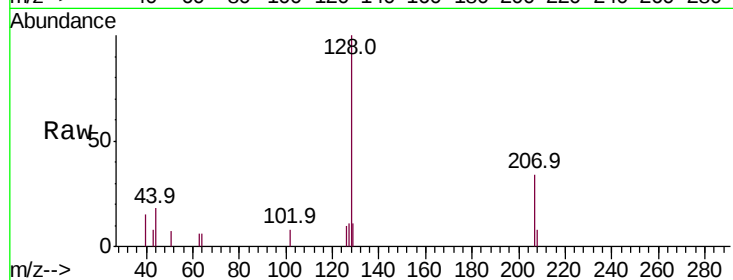
Tot Ion:128 Resp: 4609

Ion Ratio Lower Upper

128 100

127 10.1 10.3 15.5#

129 8.5 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

