

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056883.D
 Acq On : 23 Jul 2019 17:02
 Operator : JC/SP
 Sample : K3943-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PA-71619

Quant Time: Jul 24 02:20:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	236074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	447211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	500437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169228	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	144257	57.29	ug/l	0.00
Spiked Amount			Recovery	=	114.58%	
35) Dibromofluoromethane	7.59	113	133135	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
50) Toluene-d8	10.09	98	573137	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.40	95	210325	59.26	ug/l	0.00
Spiked Amount			Recovery	=	118.52%	

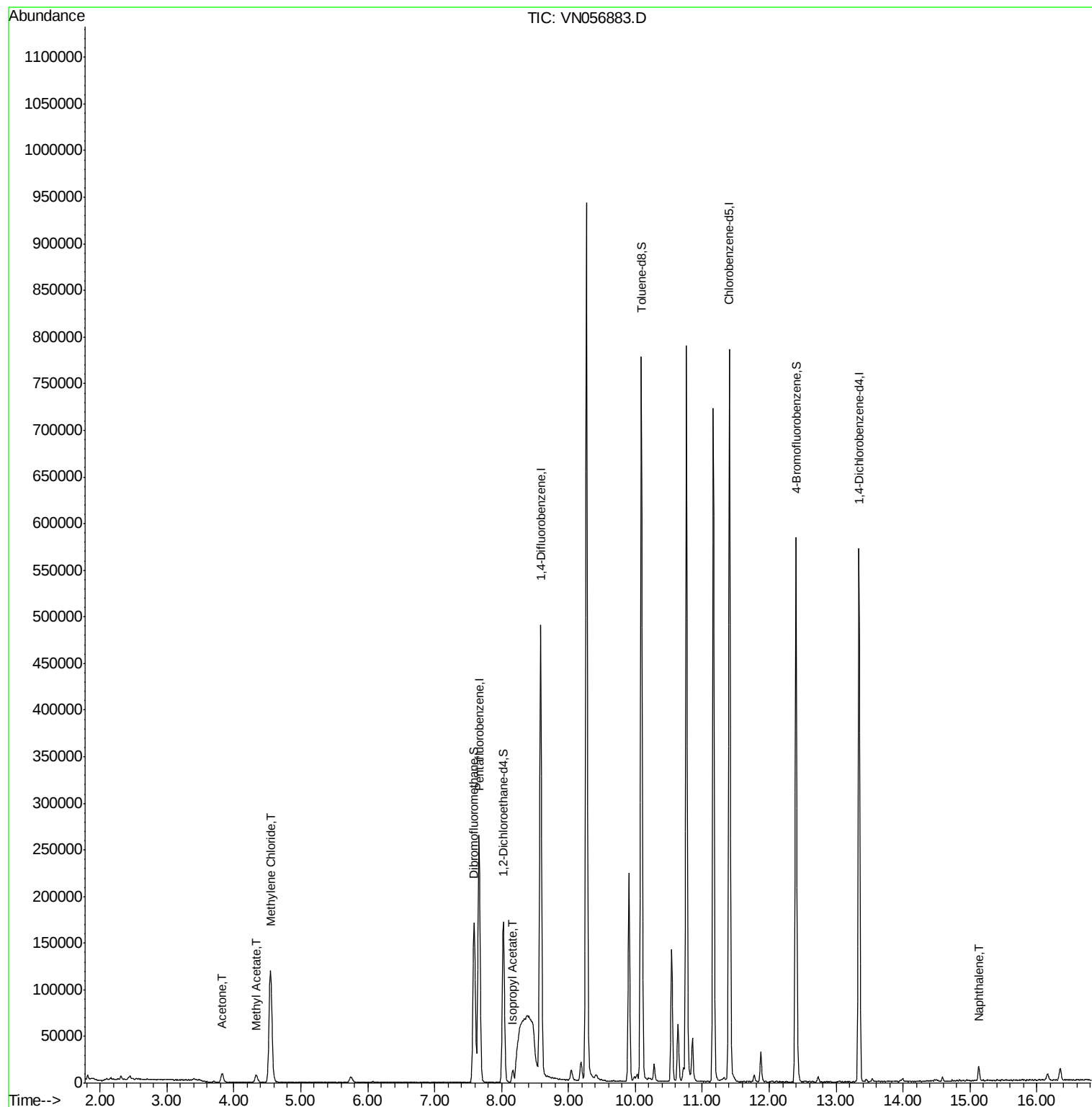
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	16143	17.803	ug/l	97
18) Methyl Acetate	4.33	43	15731	3.586	ug/l	97
20) Methylene Chloride	4.55	84	95495	35.220	ug/l	99
43) Isopropyl Acetate	8.17	43	15815	2.766	ug/l	97
95) Naphthalene	15.13	128	14694	5.281	ug/l	97

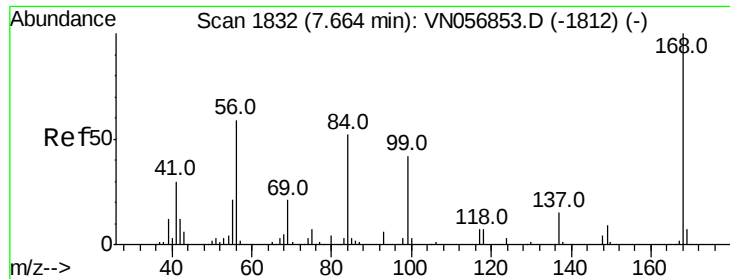
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056883.D

Acq: 23 Jul 2019 17:02

Instrument :

MSVOA_N

ClientSampleId :

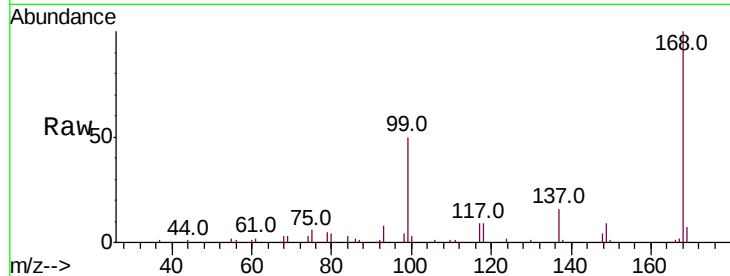
PA-71619

Tot Ion:168 Resp: 236074

Ion Ratio Lower Upper

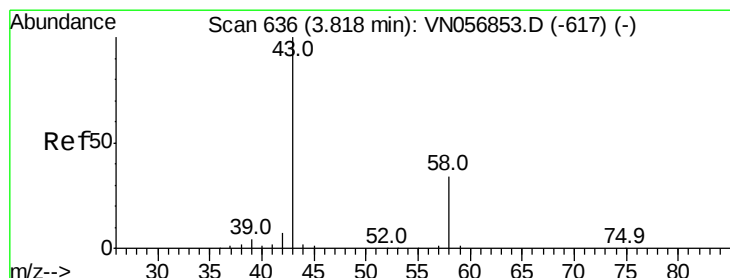
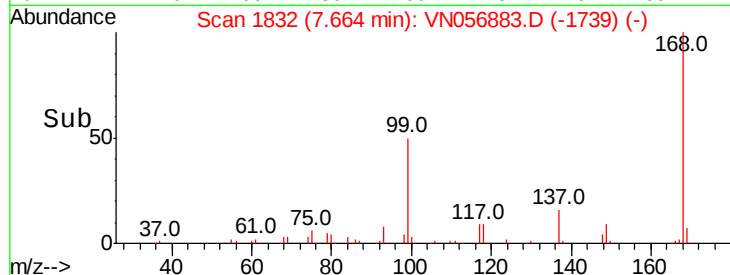
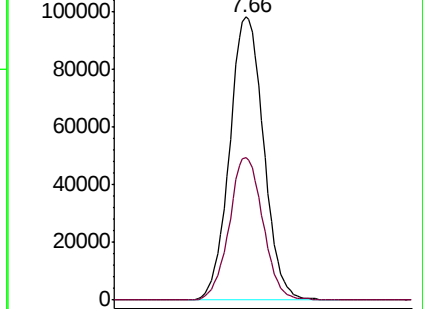
168 100

99 50.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 17.803 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056883.D

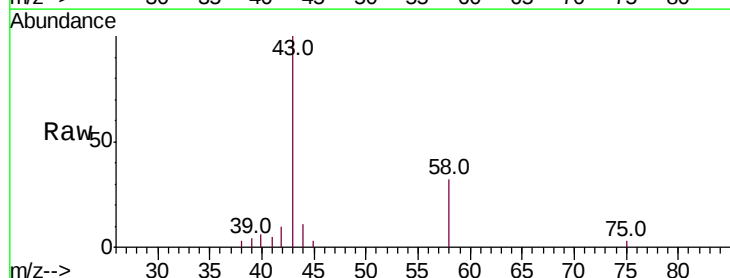
Acq: 23 Jul 2019 17:02

Tgt Ion: 43 Resp: 16143

Ion Ratio Lower Upper

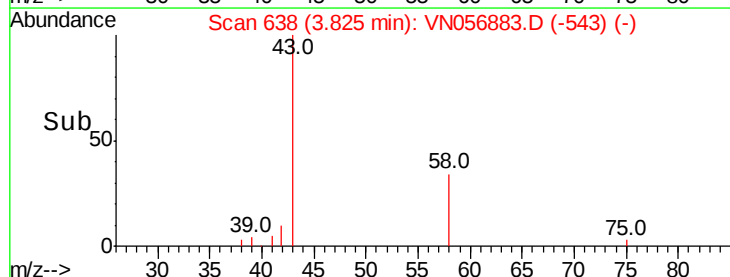
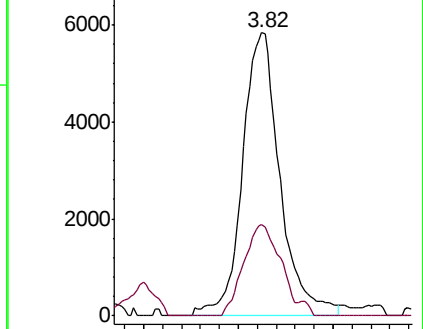
43 100

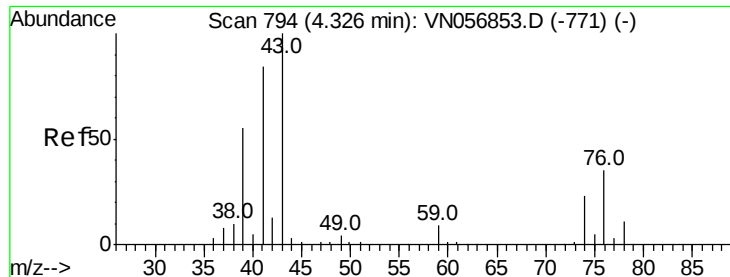
58 32.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

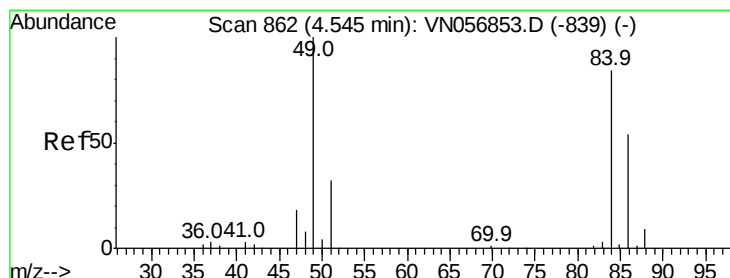
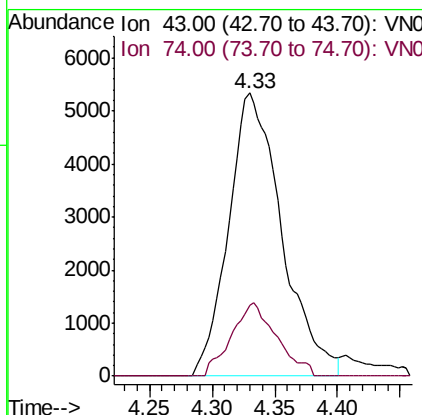
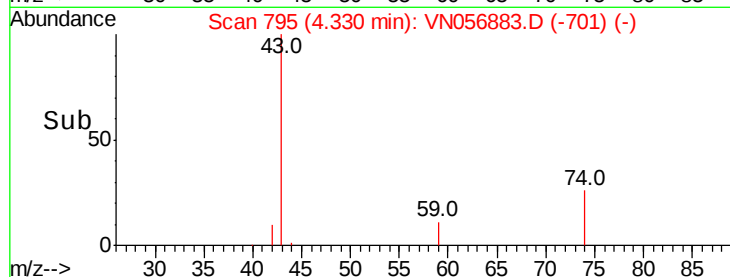
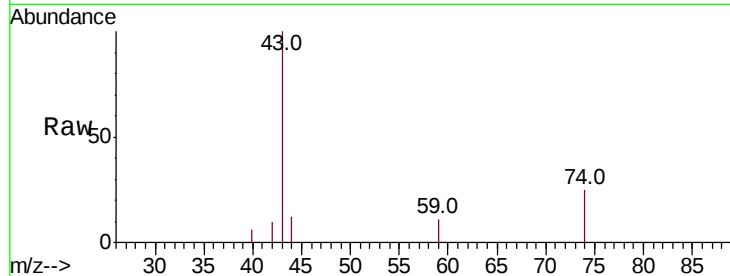




#18
Methyl Acetate
Concen: 3.586 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056883.D
Acq: 23 Jul 2019 17:02

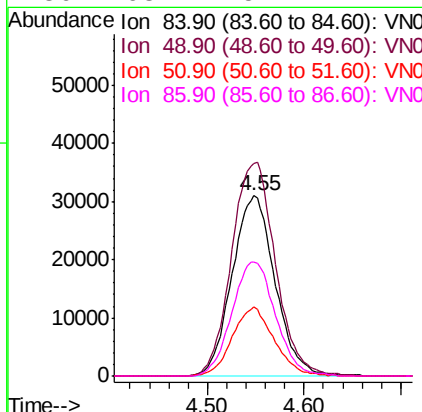
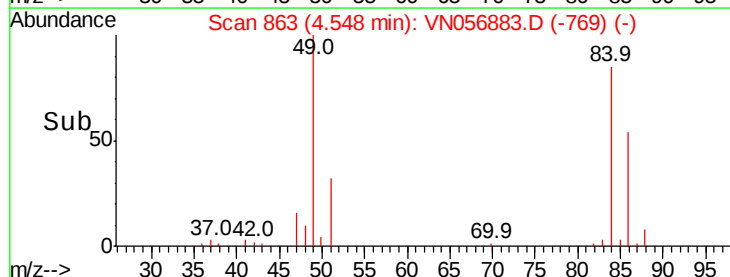
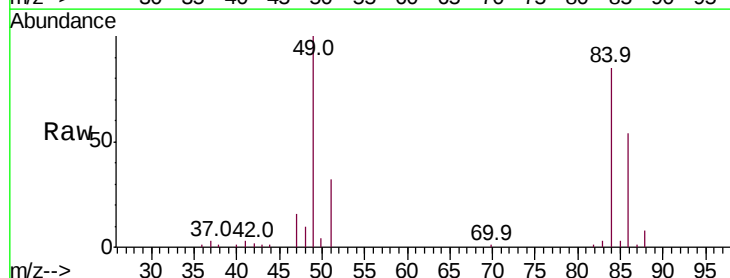
Instrument :
MSVOA_N
ClientSampleId :
PA-71619

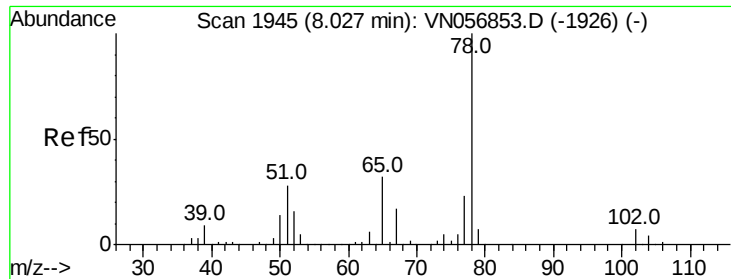
Tot Ion: 43 Resp: 15731
Ion Ratio Lower Upper
43 100
74 22.0 19.0 28.4



#20
Methylene Chloride
Concen: 35.220 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056883.D
Acq: 23 Jul 2019 17:02

Tgt Ion: 84 Resp: 95495
Ion Ratio Lower Upper
84 100
49 118.1 94.9 142.3
51 38.0 29.9 44.9
86 63.4 51.4 77.2

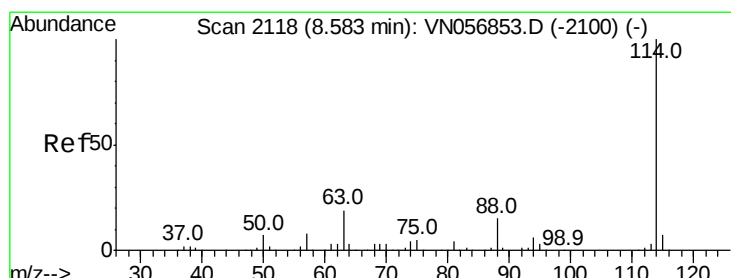
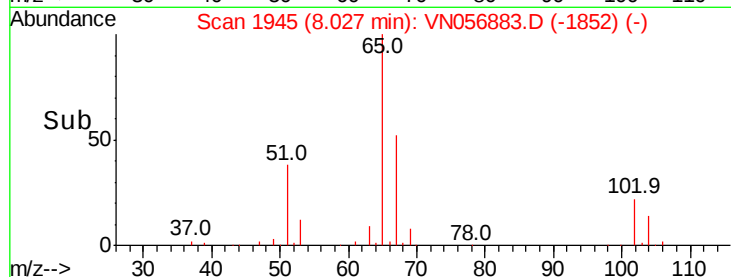
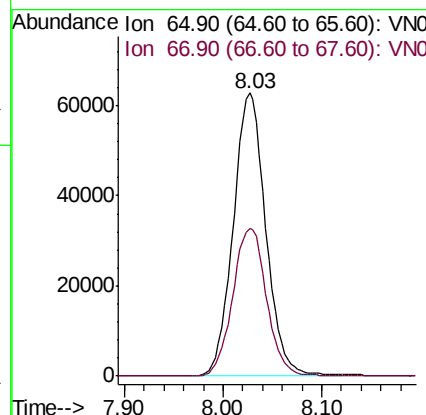
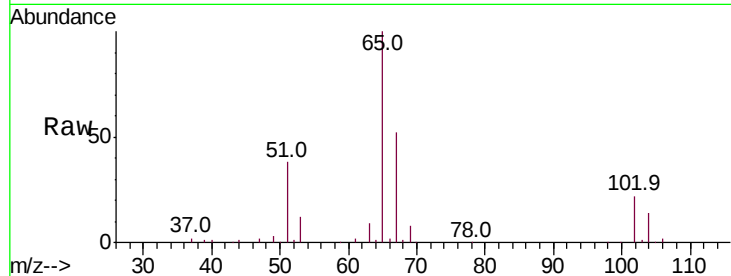




#33
 1,2-Dichloroethane-d4
 Concen: 57.288 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056883.D
 Acq: 23 Jul 2019 17:02

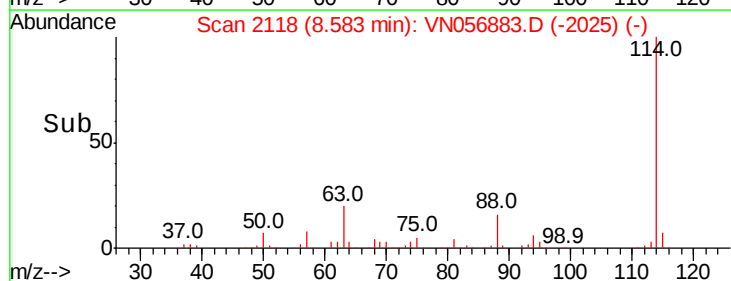
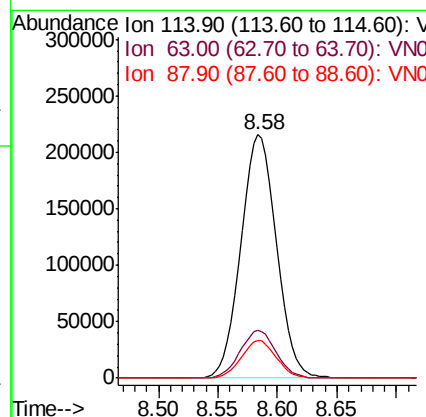
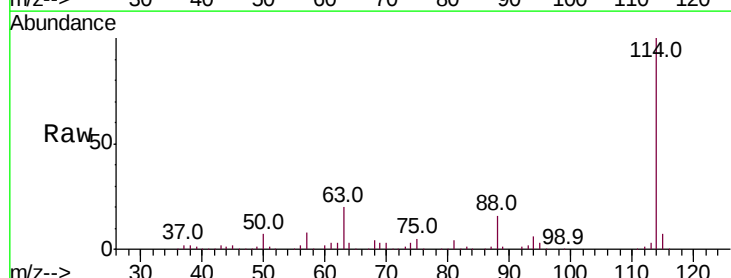
Instrument :
 MSVOA_N
 ClientSampleId :
 PA-71619

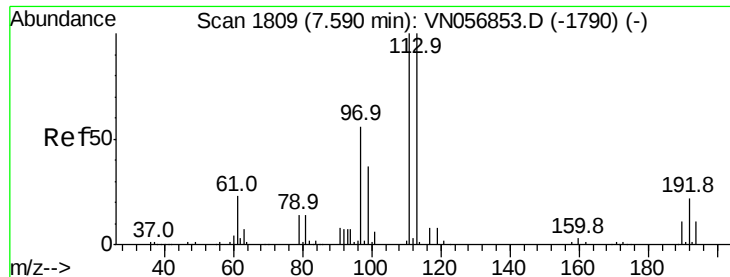
Tot Ion: 65 Resp: 144257
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056883.D
 Acq: 23 Jul 2019 17:02

Tgt Ion: 114 Resp: 447211
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.8
 88 15.5 0.0 31.0

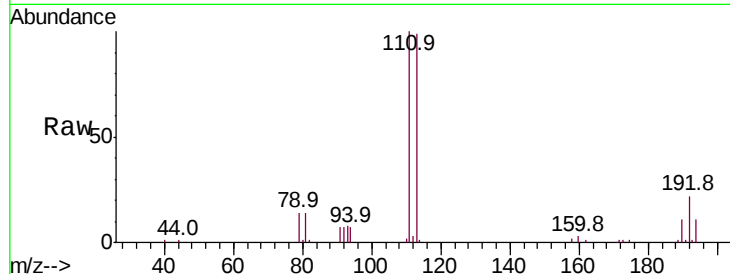




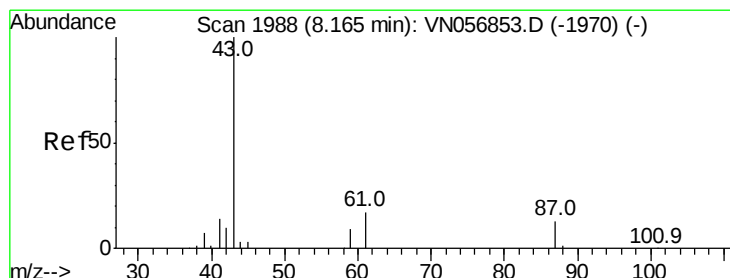
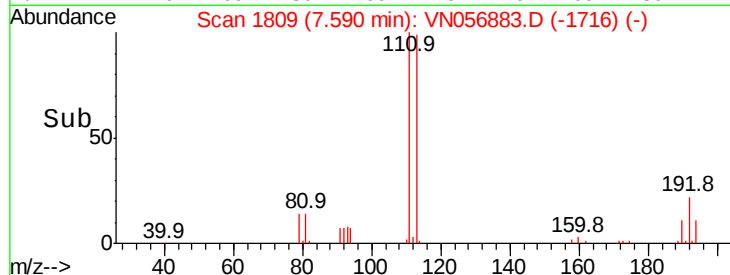
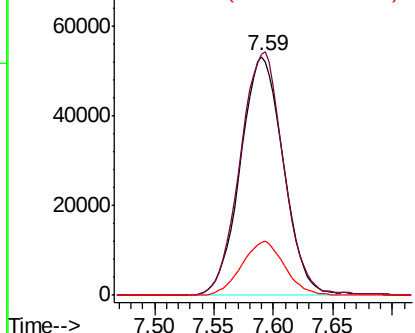
#35
 Dibromofluoromethane
 Concen: 46.968 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056883.D
 Acq: 23 Jul 2019 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 PA-71619

Tot Ion:113 Resp: 133135
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.9 122.9
 192 22.6 18.5 27.7

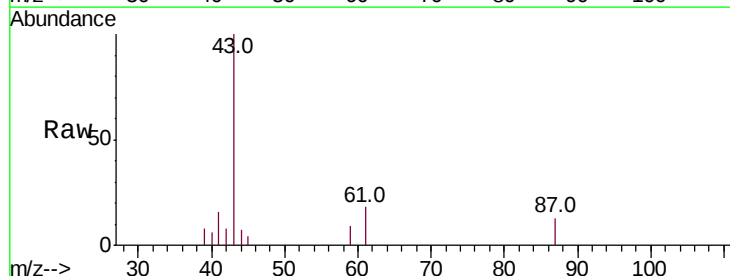


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

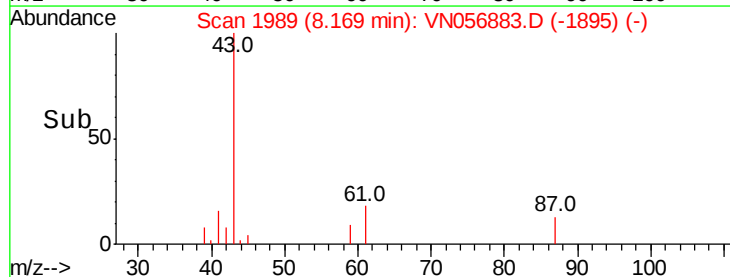
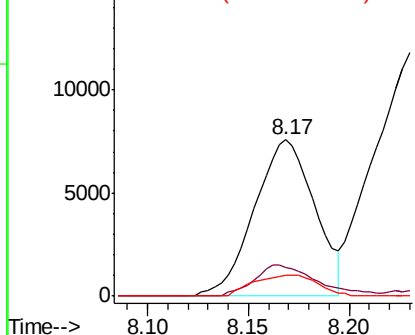


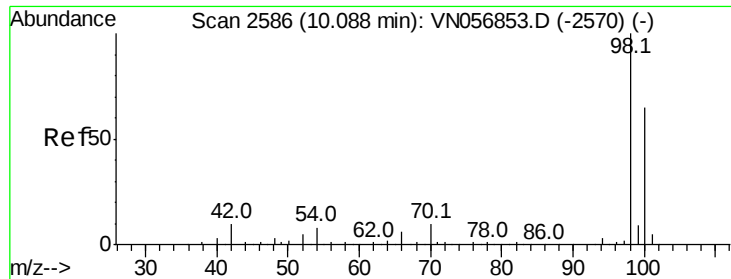
#43
 Isopropyl Acetate
 Concen: 2.766 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056883.D
 Acq: 23 Jul 2019 17:02

Tgt Ion: 43 Resp: 15815
 Ion Ratio Lower Upper
 43 100
 61 20.5 17.8 26.6
 87 14.2 11.0 16.4



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: 52.851 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056883.D

Acq: 23 Jul 2019 17:02

Instrument :

MSVOA_N

ClientSampleId :

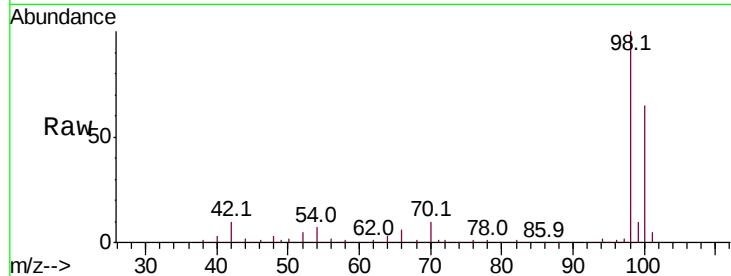
PA-71619

Tot Ion: 98 Resp: 573137

Ion Ratio Lower Upper

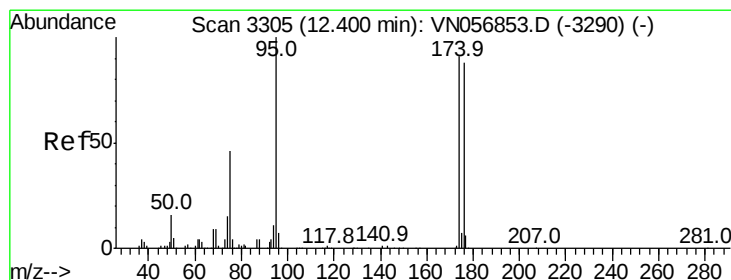
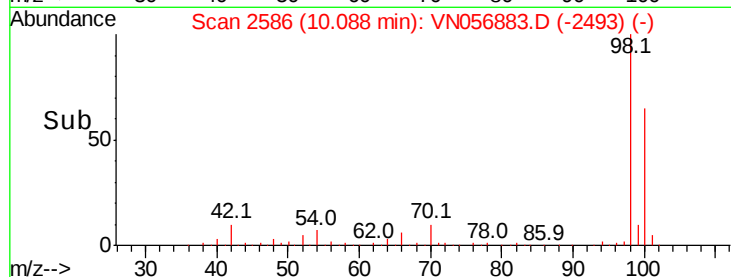
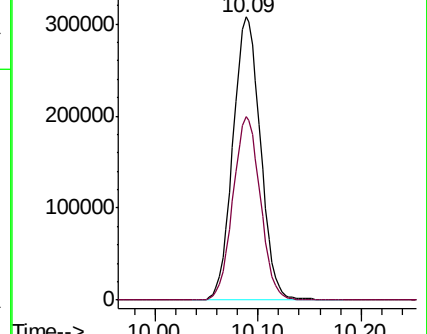
98 100

100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 59.265 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056883.D

Acq: 23 Jul 2019 17:02

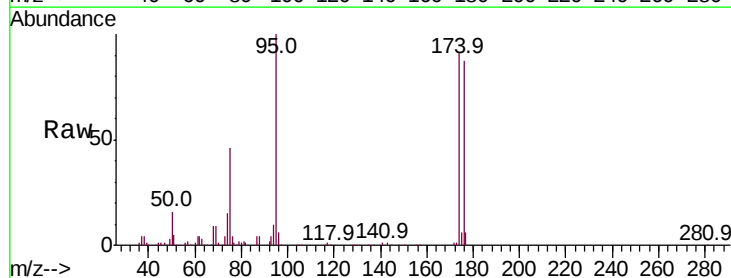
Tgt Ion: 95 Resp: 210325

Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.4

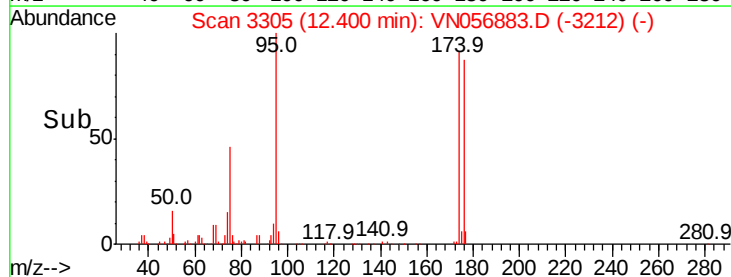
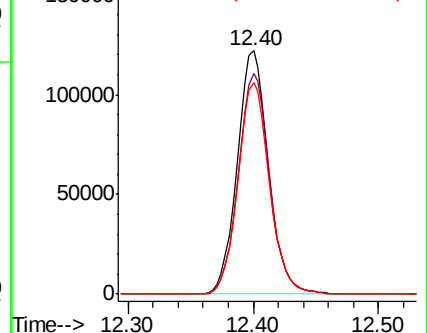
176 87.7 0.0 175.8

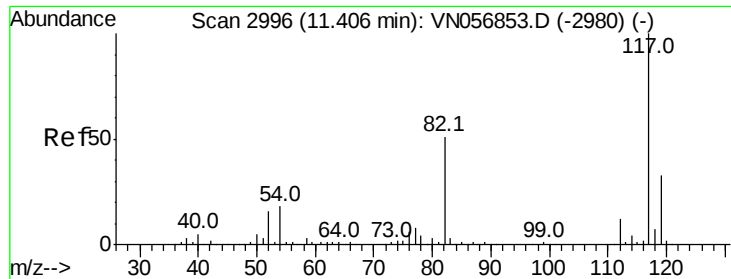


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

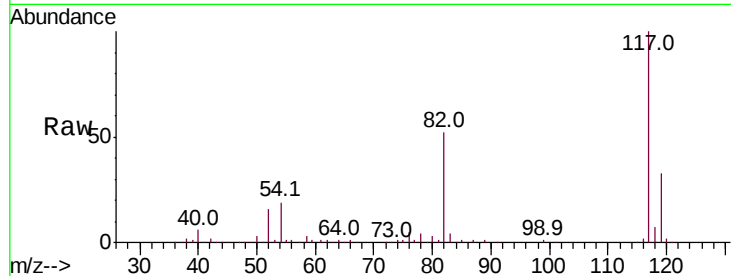




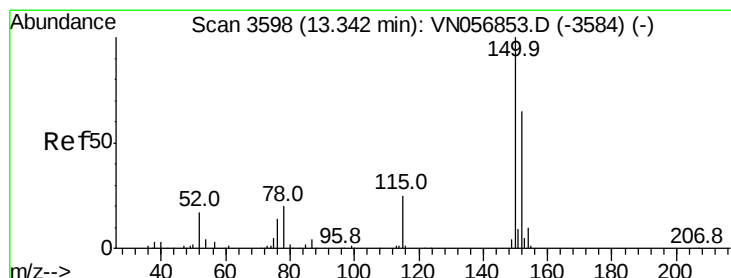
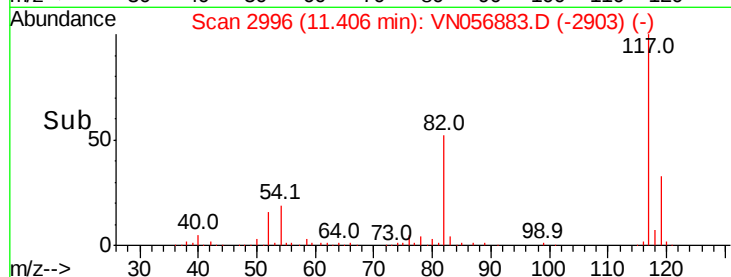
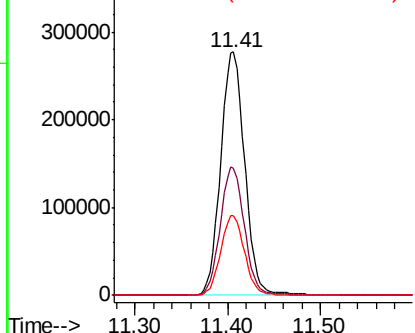
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056883.D
Acq: 23 Jul 2019 17:02

Instrument :
MSVOA_N
ClientSampleId :
PA-71619

Tot Ion:117 Resp: 500437
Ion Ratio Lower Upper
117 100
82 52.2 41.2 61.8
119 32.6 26.4 39.6

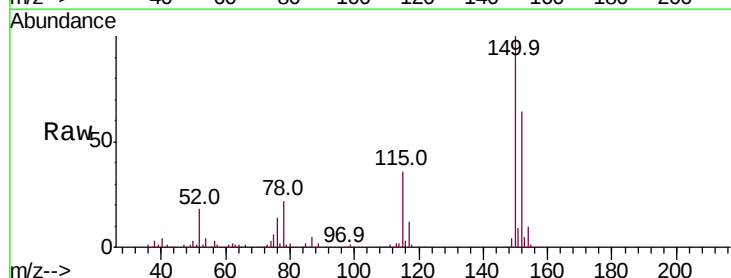


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

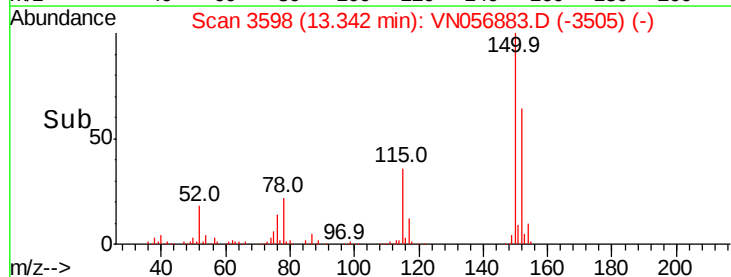
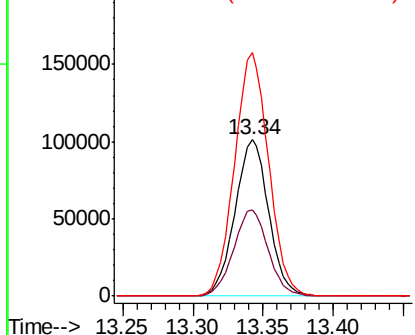


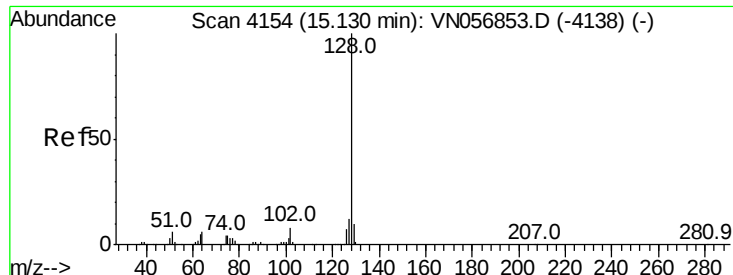
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056883.D
Acq: 23 Jul 2019 17:02

Tgt Ion:152 Resp: 169228
Ion Ratio Lower Upper
152 100
115 56.5 27.6 82.7
150 157.7 0.0 343.0



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





#95

Naphthalene

Concen: 5.281 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN056883.D

Acq: 23 Jul 2019 17:02

Instrument :

MSVOA_N

ClientSampleId :

PA-71619

Tot Ion:128 Resp: 14694

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.2

129 11.5 8.5 12.7

