

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
 Data File : VN056675.D
 Acq On : 11 Jul 2019 19:15
 Operator : JC/SP
 Sample : K3740-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-24

Quant Time: Jul 12 09:07:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

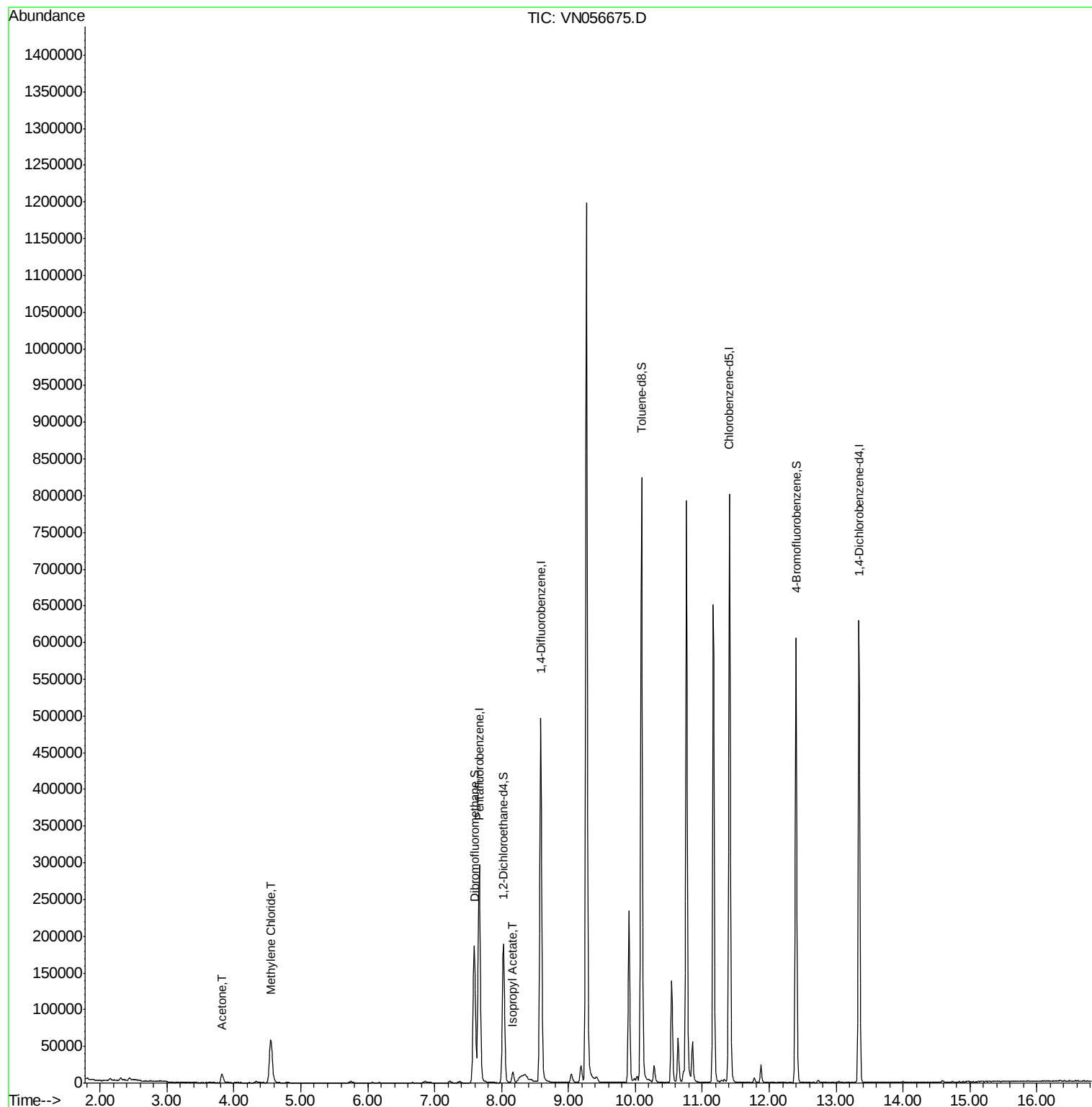
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	267209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	470131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	499913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	159015	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
35) Dibromofluoromethane	7.59	113	142164	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	10.09	98	606226	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.40	95	215263	56.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.16%	
Target Compounds						
16) Acetone	3.82	43	21273	14.337	ug/l	Qvalue 100
20) Methylene Chloride	4.55	84	47498	16.383	ug/l	95
43) Isopropyl Acetate	8.17	43	17517	2.794	ug/l #	91

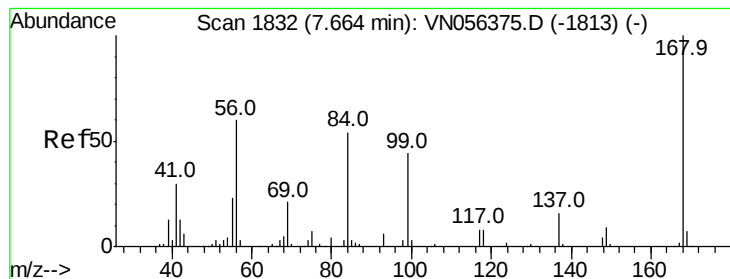
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071219\
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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: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

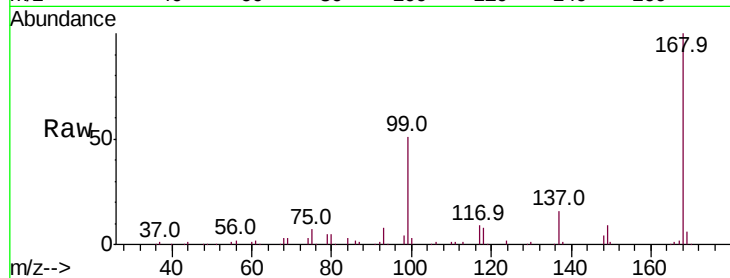
COMP-24

Tot Ion:168 Resp: 267209

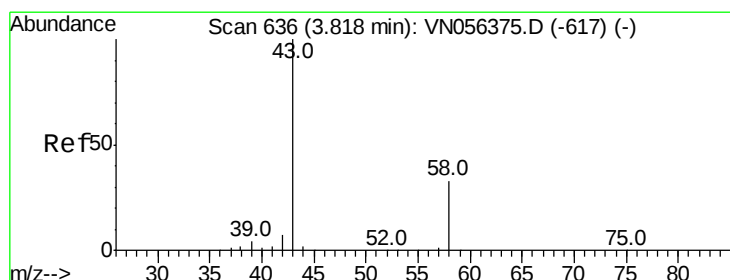
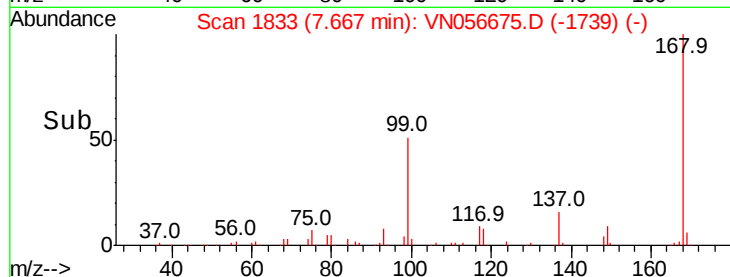
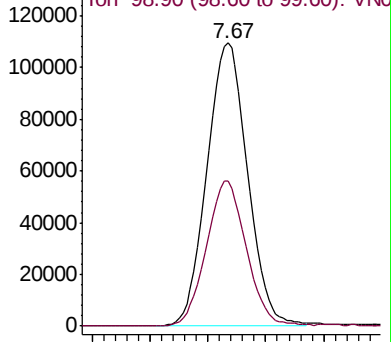
Ion Ratio Lower Upper

168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056675.D (-1739) (-)



#16

Acetone

Concen: 14.337 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056675.D

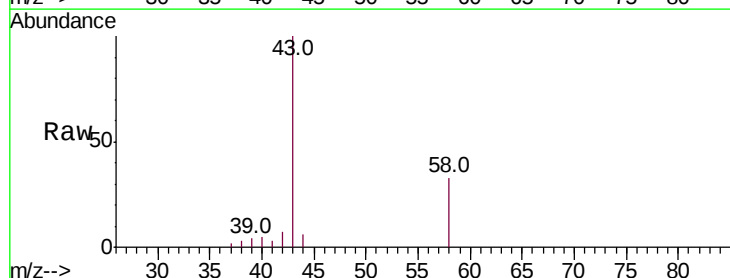
Acq: 11 Jul 2019 19:15

Tgt Ion: 43 Resp: 21273

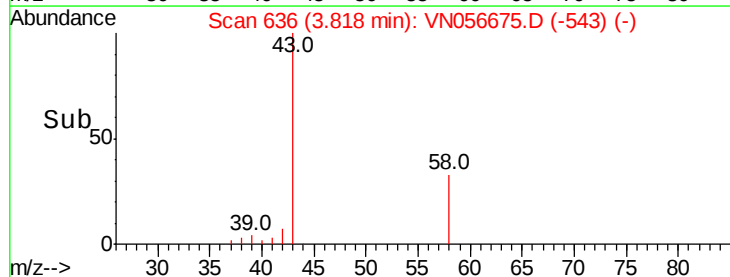
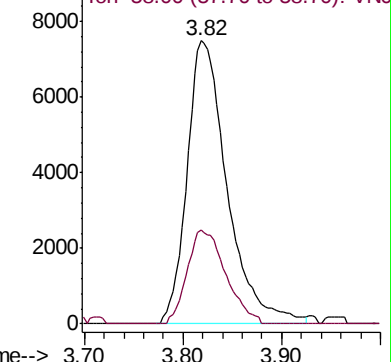
Ion Ratio Lower Upper

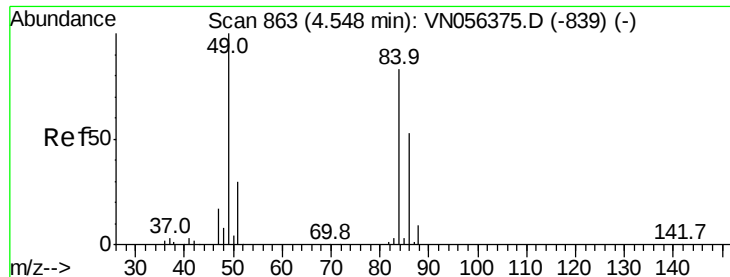
43 100

58 33.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056675.D (-543) (-)





#20

Methylene Chloride

Concen: 16.383 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

COMP-24

Tot Ion: 84 Resp: 47498

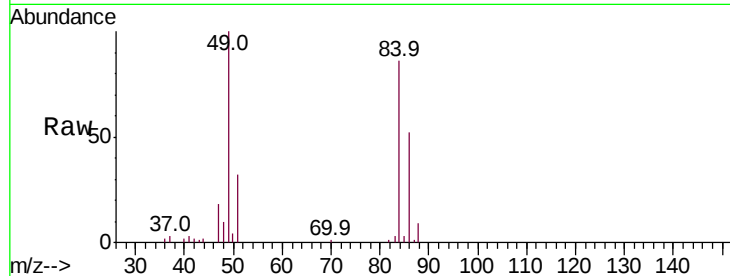
Ion Ratio Lower Upper

84 100

49 114.5 96.4 144.6

51 36.6 28.6 43.0

86 60.5 51.4 77.2

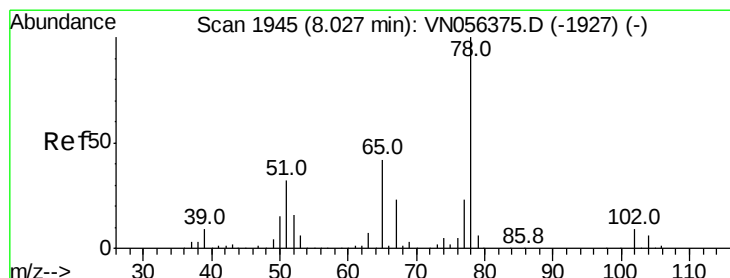
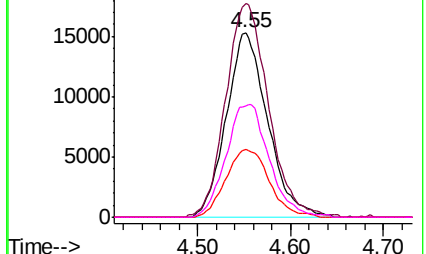
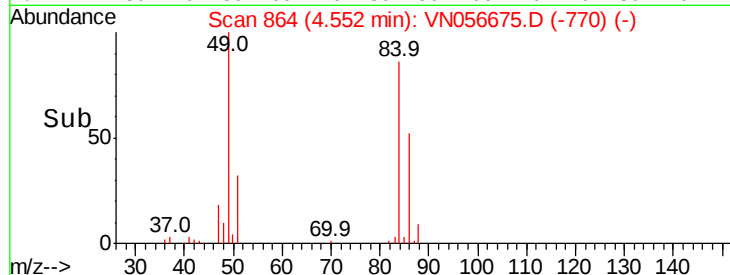


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 53.694 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056675.D

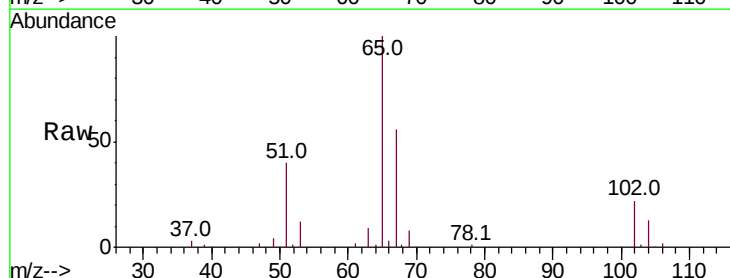
Acq: 11 Jul 2019 19:15

Tgt Ion: 65 Resp: 159015

Ion Ratio Lower Upper

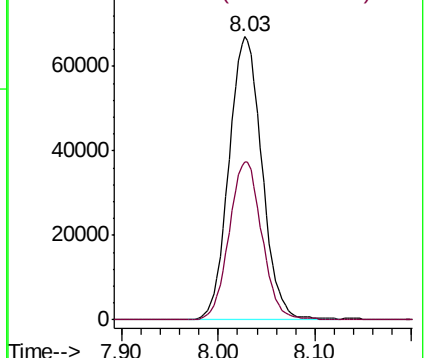
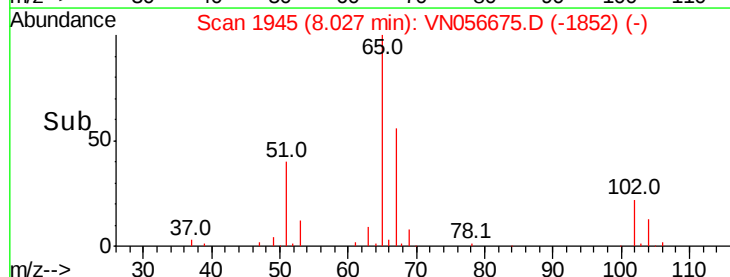
65 100

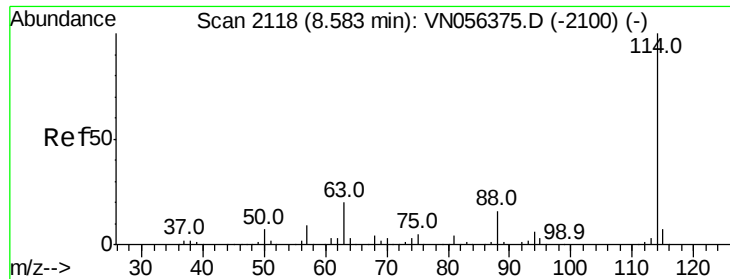
67 55.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

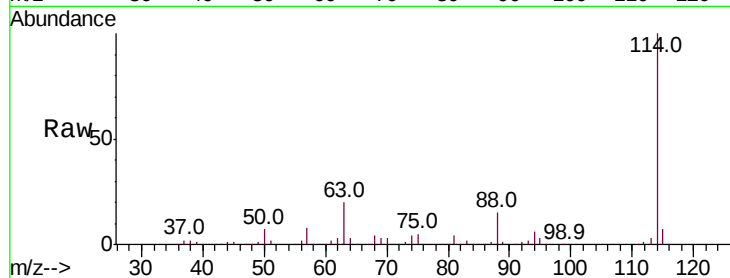




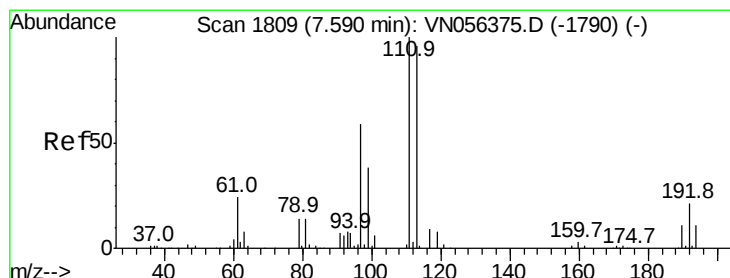
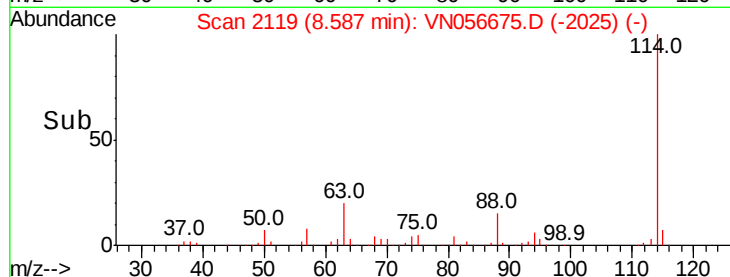
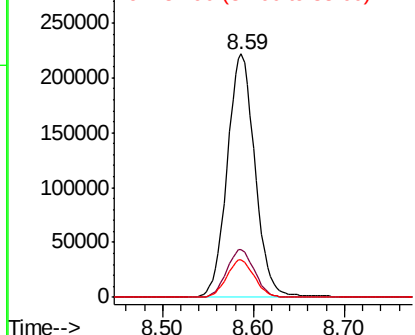
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056675.D
 Acq: 11 Jul 2019 19:15

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-24

Tot Ion:114 Resp: 470131
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.4 0.0 31.4

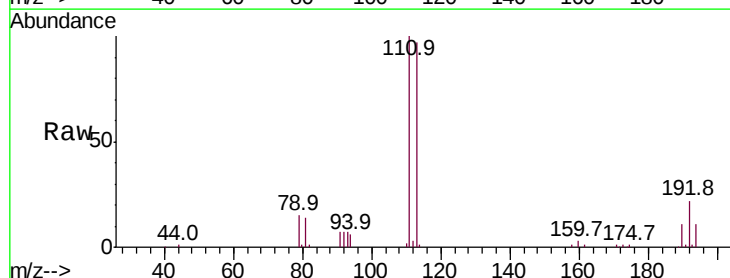


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

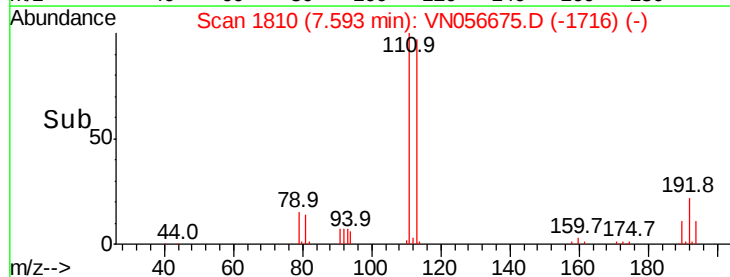
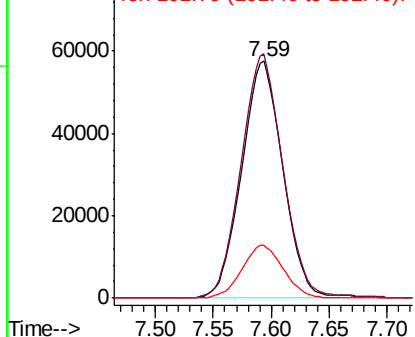


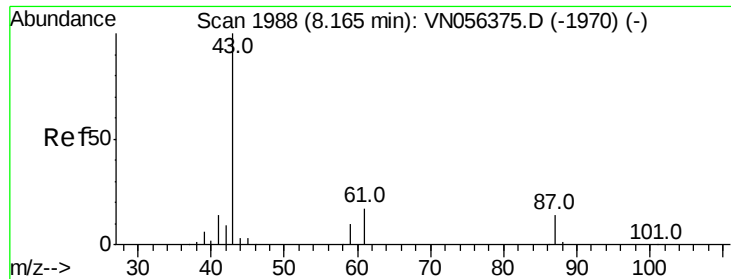
#35
 Dibromofluoromethane
 Concen: 48.473 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056675.D
 Acq: 11 Jul 2019 19:15

Tgt Ion:113 Resp: 142164
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.9 124.3
 192 22.3 17.7 26.5



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: 2.794 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

COMP-24

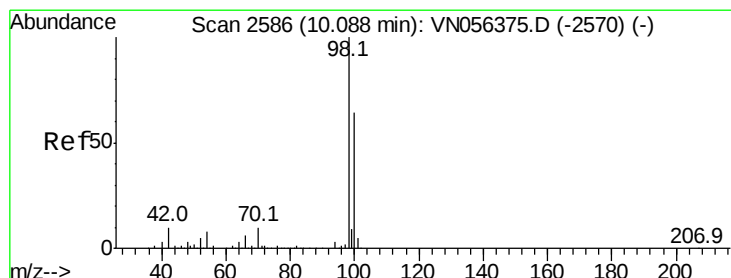
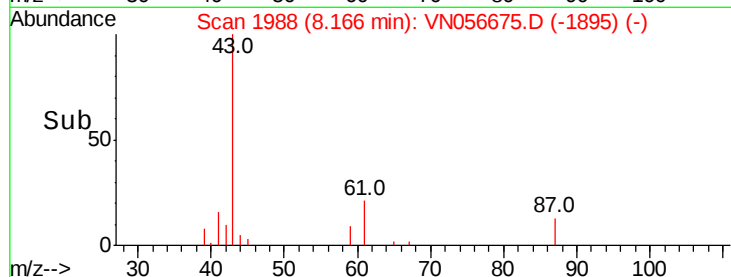
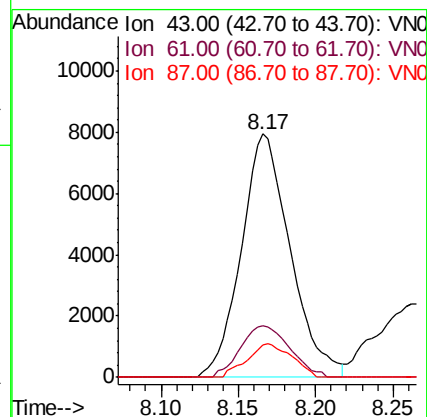
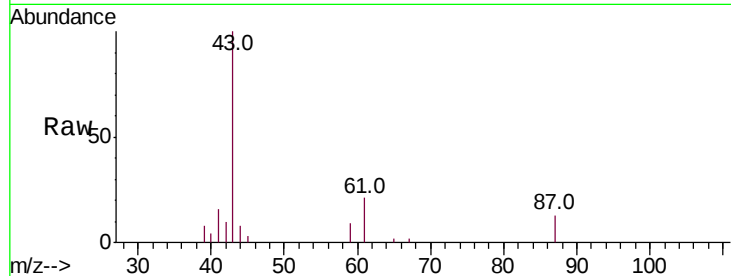
Tot Ion: 43 Resp: 17517

Ion Ratio Lower Upper

43 100

61 21.4 22.0 33.0#

87 12.6 11.0 16.4



#50

Toluene-d8

Concen: 53.122 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056675.D

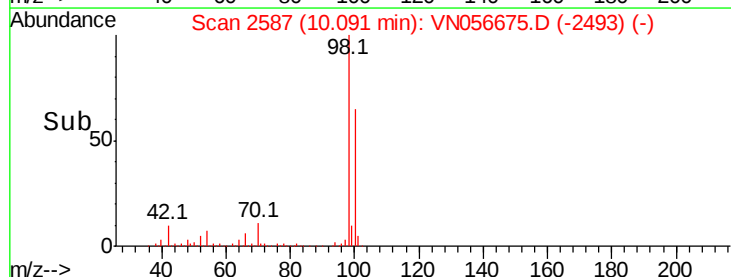
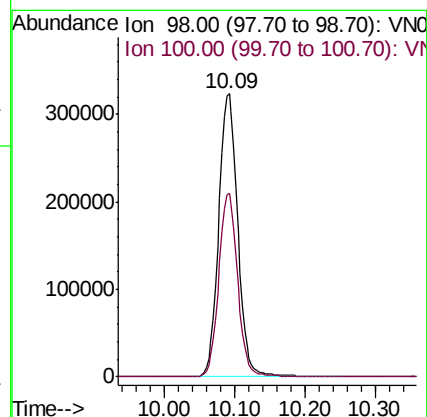
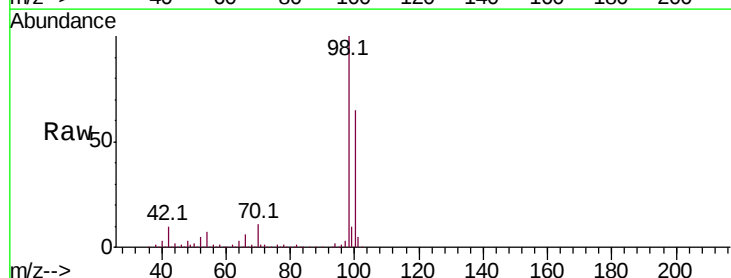
Acq: 11 Jul 2019 19:15

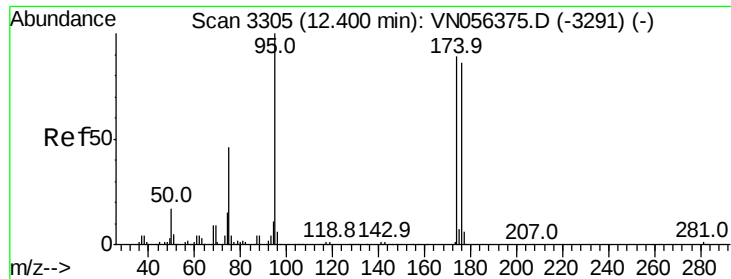
Tgt Ion: 98 Resp: 606226

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 56.585 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-24

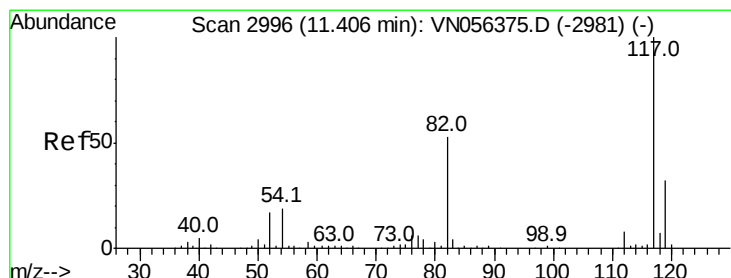
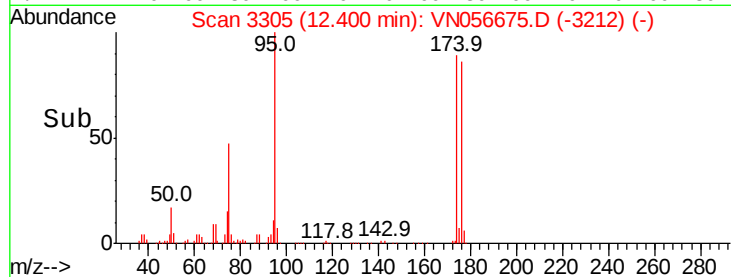
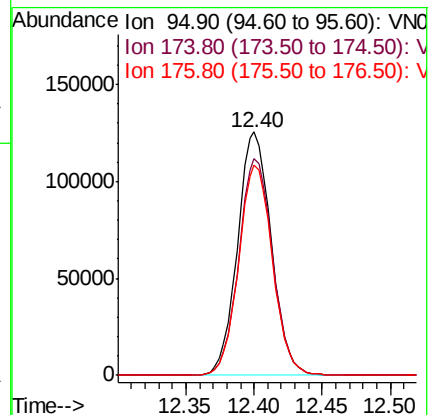
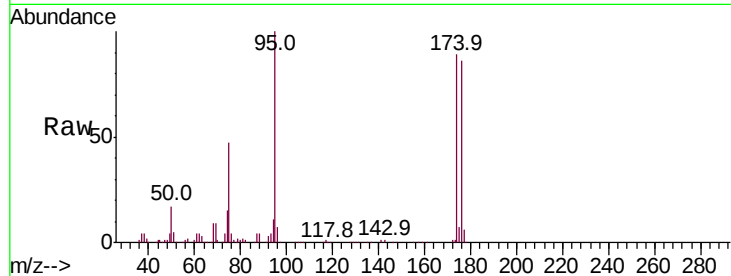
Tot Ion: 95 Resp: 215263

Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.4

176 86.6 0.0 173.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

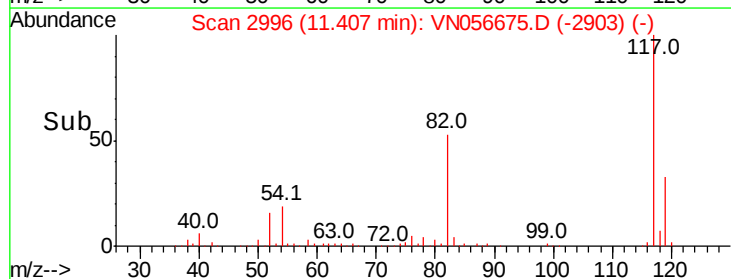
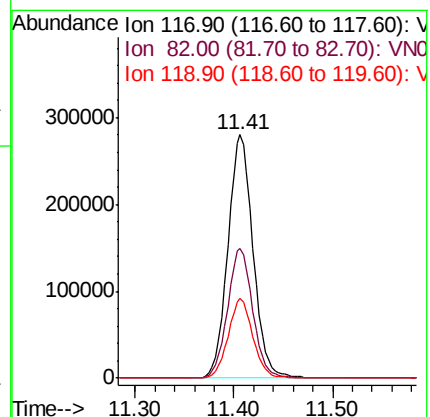
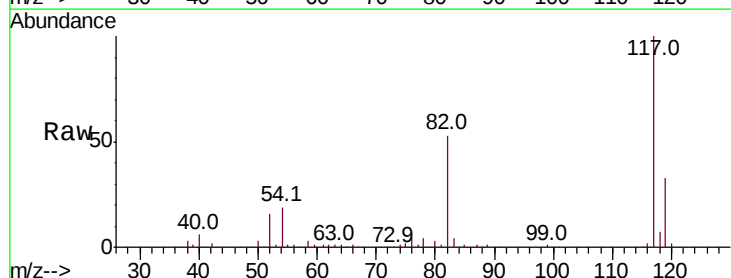
Tgt Ion: 117 Resp: 499913

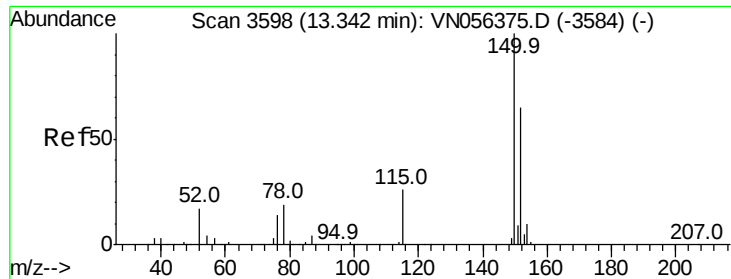
Ion Ratio Lower Upper

117 100

82 53.3 42.0 63.0

119 32.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-24

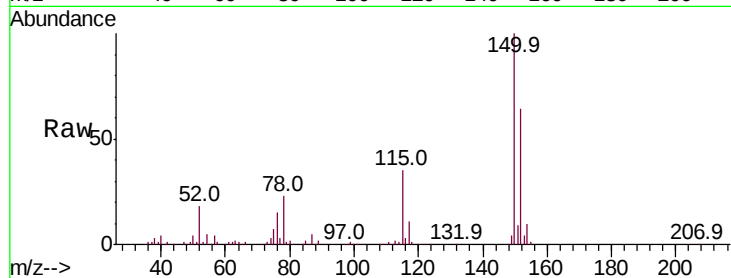
Tot Ion:152 Resp: 183341

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.4

150 157.3 0.0 348.4



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

