

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056483.D
 Acq On : 25 Jun 2019 13:55
 Operator : JC/SP
 Sample : K3156-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-062419

Quant Time: Jun 26 04:29:15 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

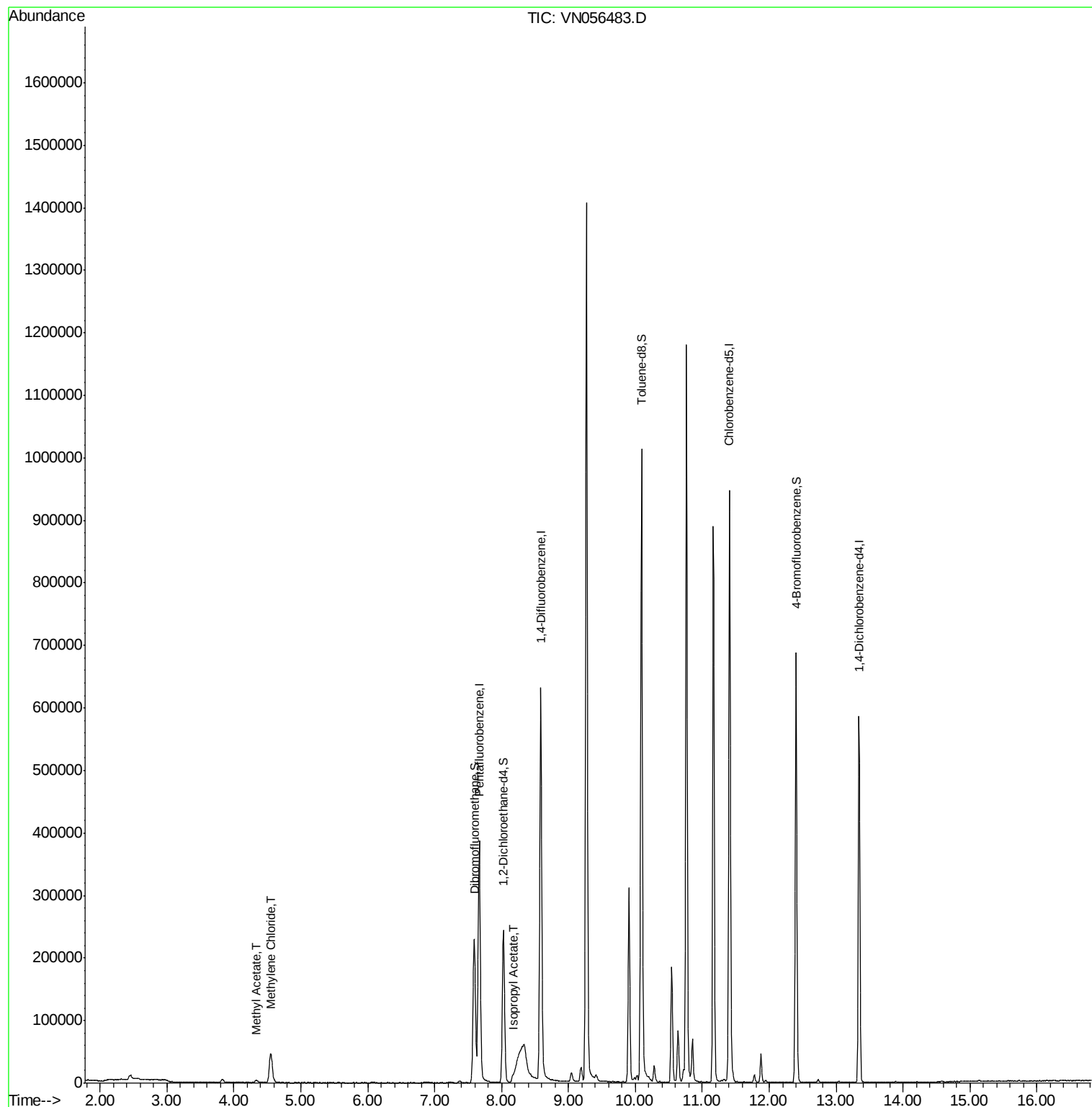
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	354992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	613959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	612107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	205614	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
35) Dibromofluoromethane	7.59	113	179199	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	10.09	98	764918	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.40	95	244708	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
Target Compounds						
18) Methyl Acetate	4.34	43	8673	1.403	ug/l #	88
20) Methylene Chloride	4.55	84	38378	9.609	ug/l	99
43) Isopropyl Acetate	8.17	43	9979	1.219	ug/l #	91

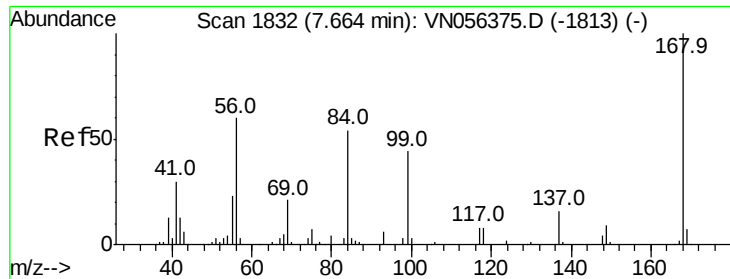
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056483.D

Acq: 25 Jun 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

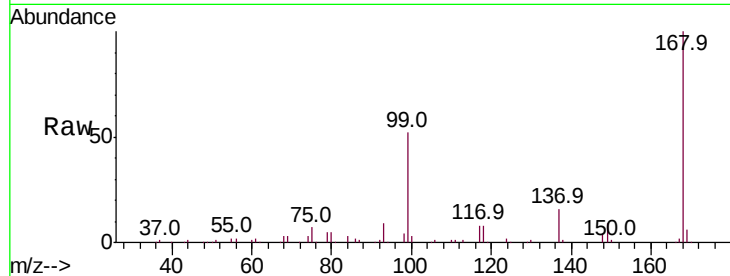
HD-02-062419

Tot Ion:168 Resp: 354992

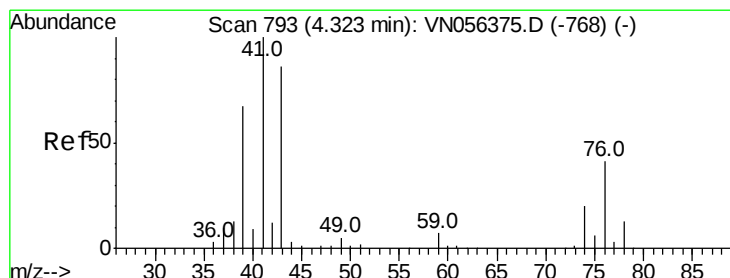
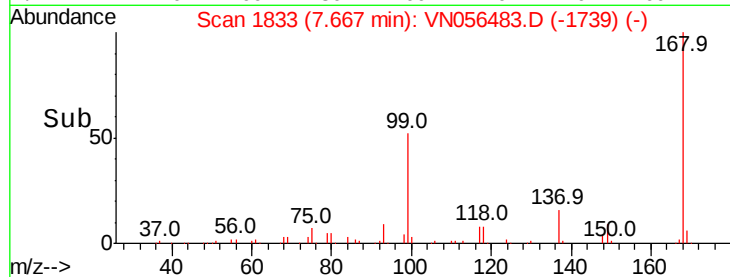
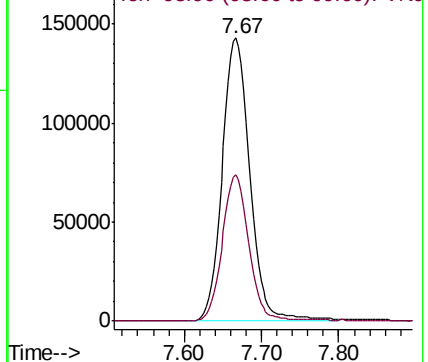
Ion Ratio Lower Upper

168 100

99 51.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)



#18

Methyl Acetate

Concen: 1.403 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056483.D

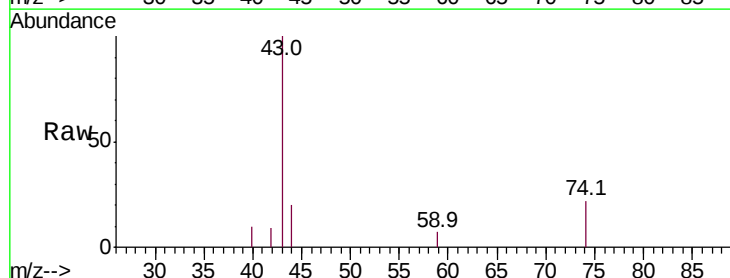
Acq: 25 Jun 2019 13:55

Tgt Ion: 43 Resp: 8673

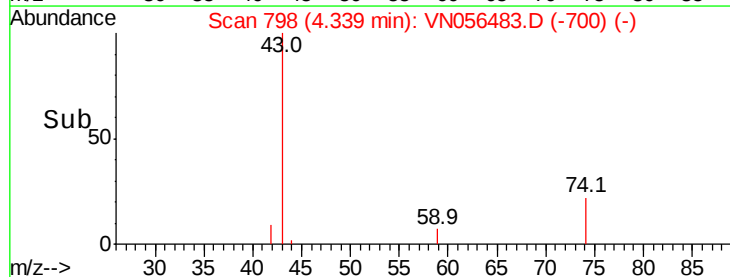
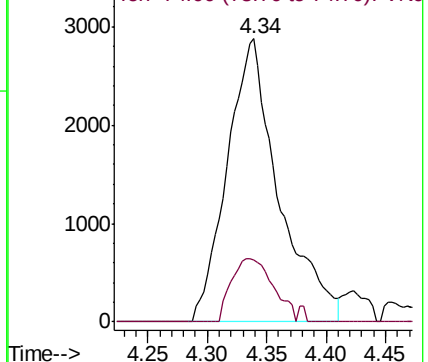
Ion Ratio Lower Upper

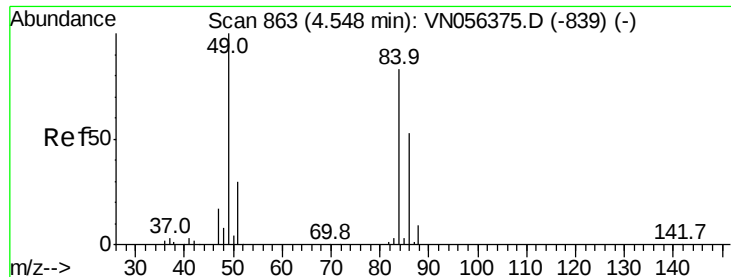
43 100

74 18.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-768) (-)

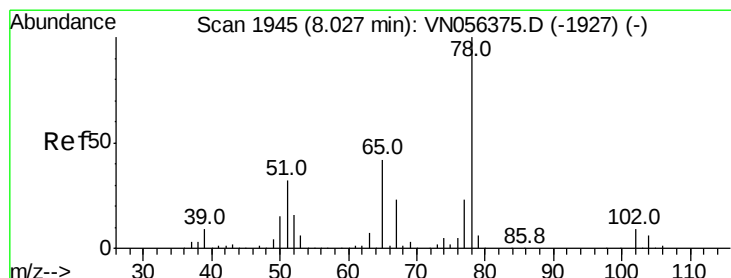
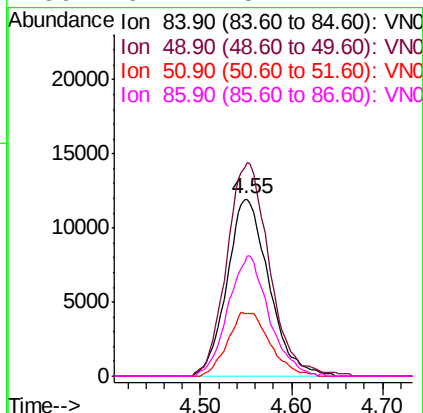
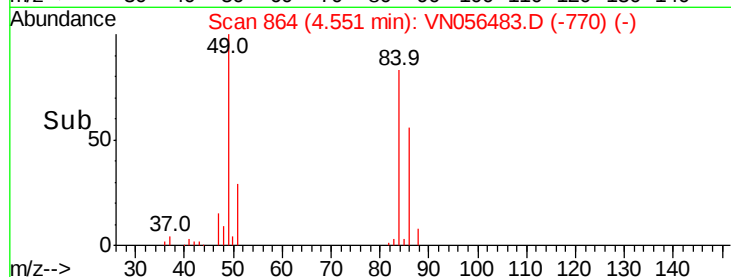
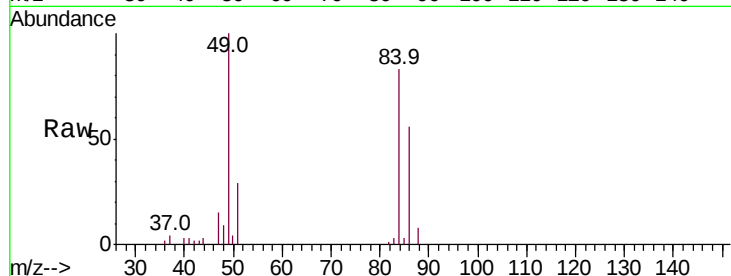




#20
Methylene Chloride
Concen: 9.609 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056483.D
Acq: 25 Jun 2019 13:55

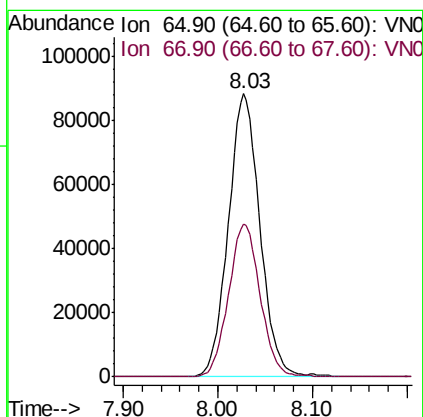
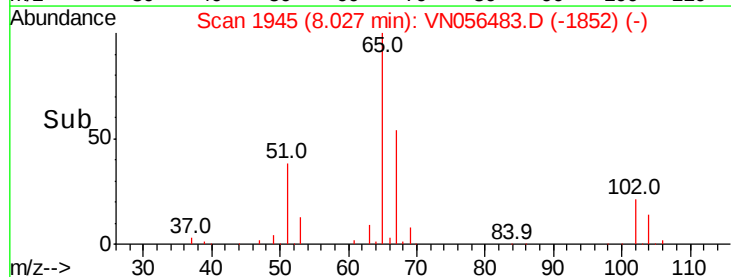
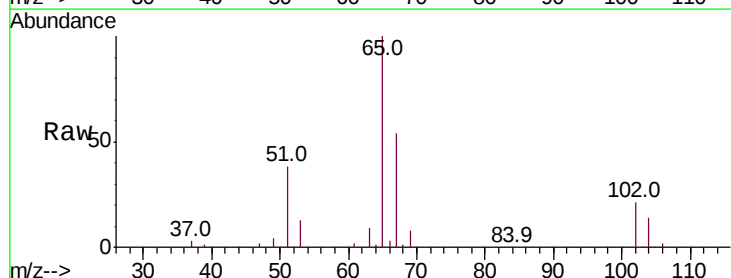
Instrument :
MSVOA_N
ClientSampled :
HD-02-062419

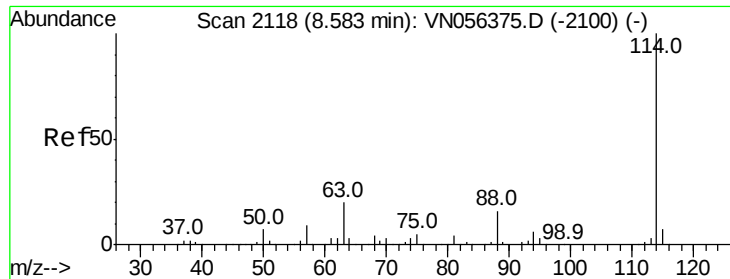
Tot Ion: 84 Resp: 38378
Ion Ratio Lower Upper
84 100
49 120.6 96.4 144.6
51 35.2 28.6 43.0
86 67.7 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 52.261 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056483.D
Acq: 25 Jun 2019 13:55

Tgt Ion: 65 Resp: 205614
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0

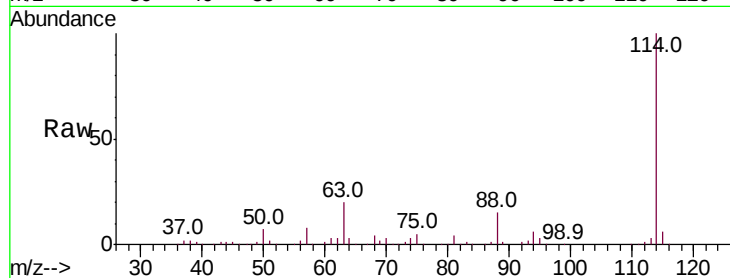




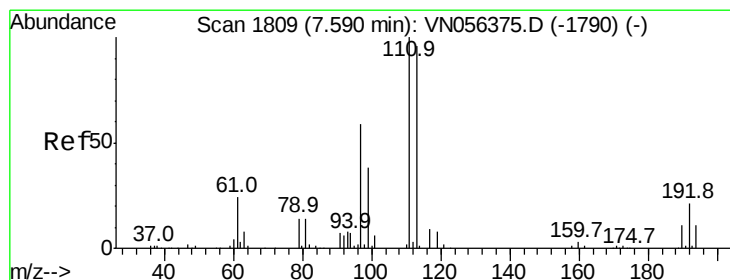
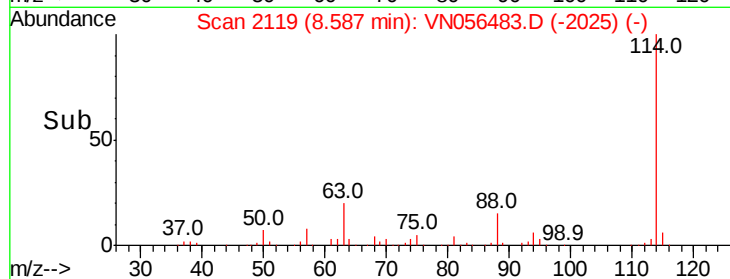
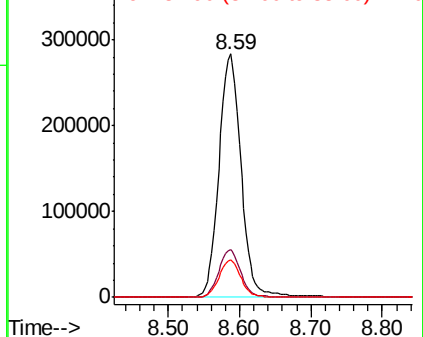
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056483.D
 Acq: 25 Jun 2019 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-062419

Tot Ion:114 Resp: 613959
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.4 0.0 31.4

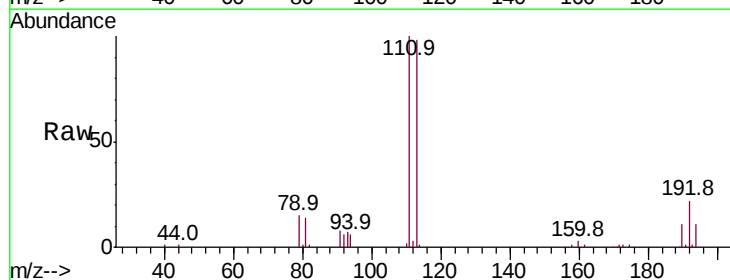


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

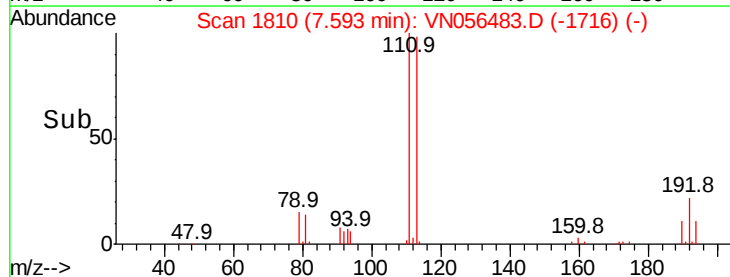
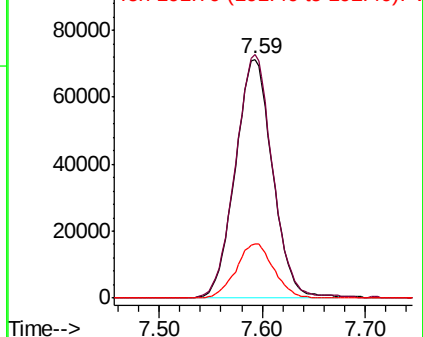


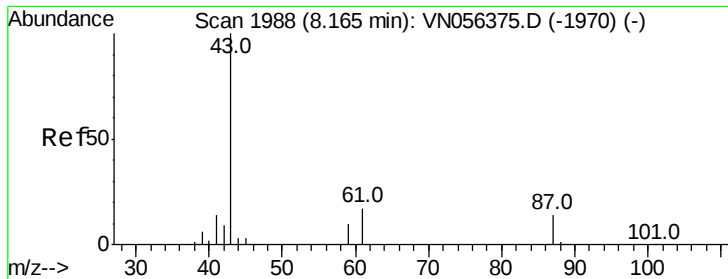
#35
 Dibromofluoromethane
 Concen: 46.787 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056483.D
 Acq: 25 Jun 2019 13:55

Tgt Ion:113 Resp: 179199
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.9 124.3
 192 22.8 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: 1.219 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056483.D

Acq: 25 Jun 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

HD-02-062419

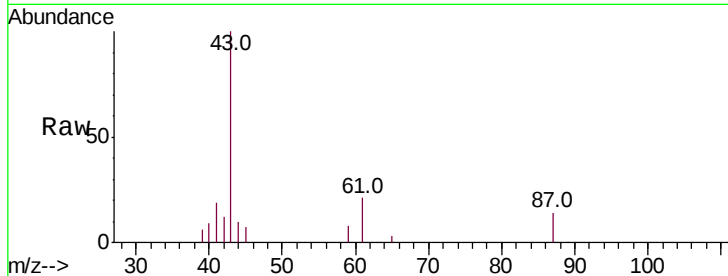
Tot Ion: 43 Resp: 9979

Ion Ratio Lower Upper

43 100

61 32.4 22.0 33.0

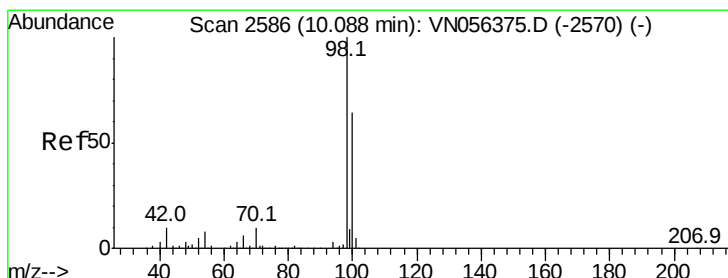
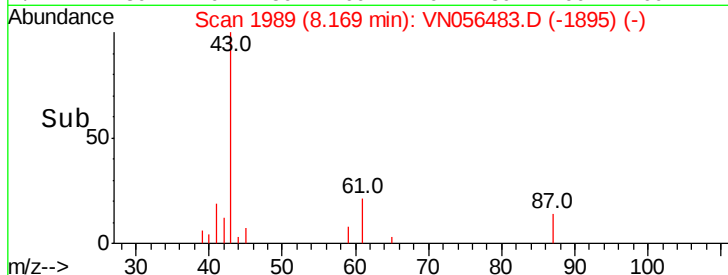
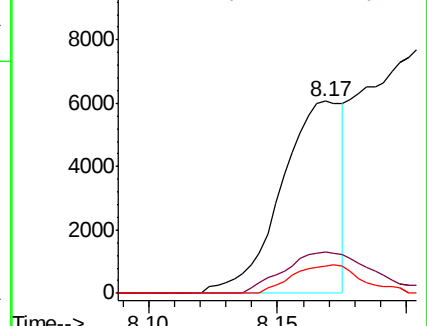
87 16.8 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.326 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056483.D

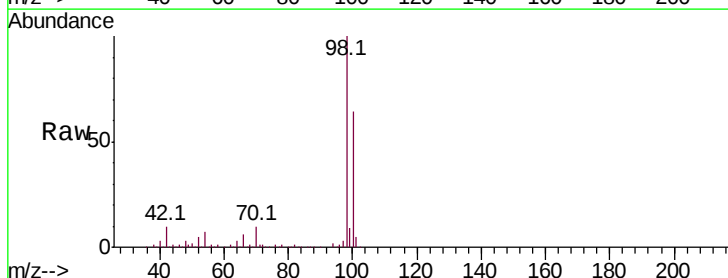
Acq: 25 Jun 2019 13:55

Tgt Ion: 98 Resp: 764918

Ion Ratio Lower Upper

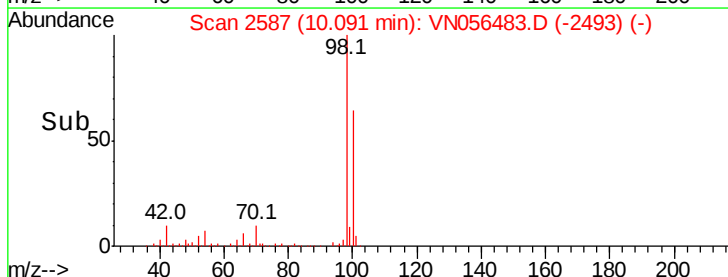
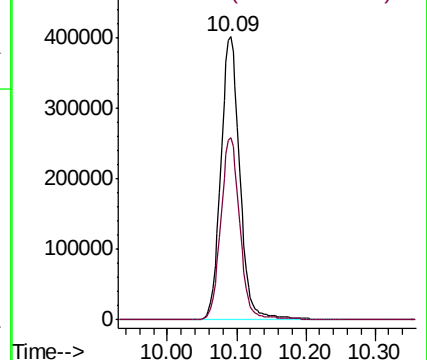
98 100

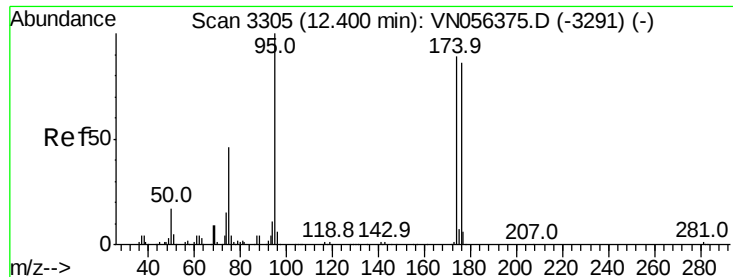
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

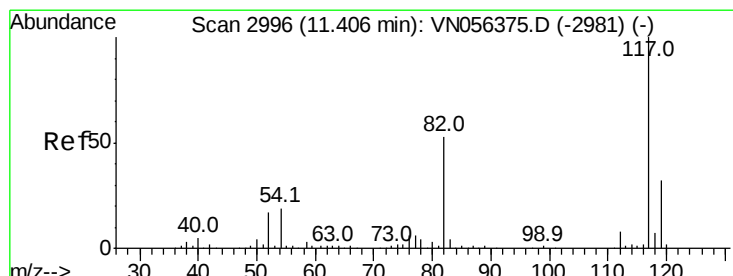
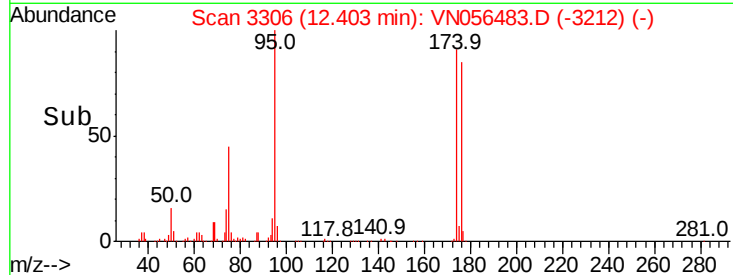
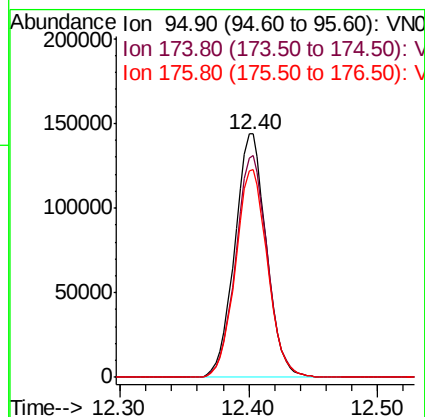
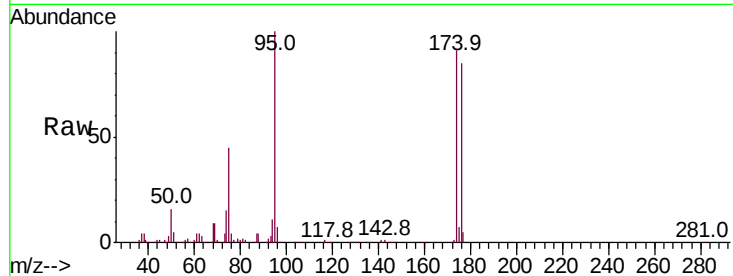




#62
4-Bromofluorobenzene
Concen: 49.256 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN056483.D
Acq: 25 Jun 2019 13:55

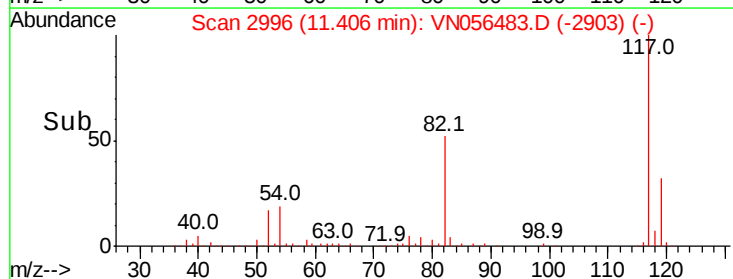
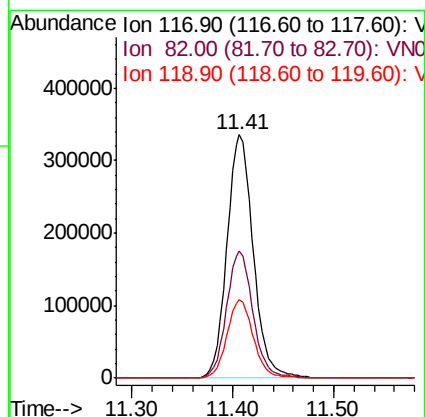
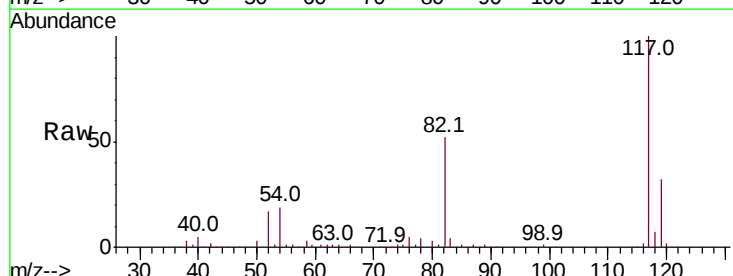
Instrument :
MSVOA_N
ClientSampleId :
HD-02-062419

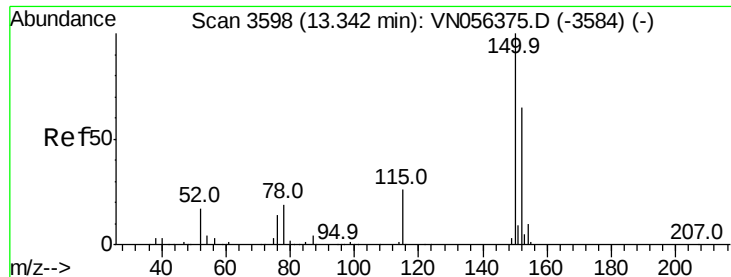
Tot Ion: 95 Resp: 244708
Ion Ratio Lower Upper
95 100
174 91.4 0.0 179.4
176 86.6 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056483.D
Acq: 25 Jun 2019 13:55

Tgt Ion: 117 Resp: 612107
Ion Ratio Lower Upper
117 100
82 52.0 42.0 63.0
119 32.1 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: VN056483.D

Acq: 25 Jun 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

HD-02-062419

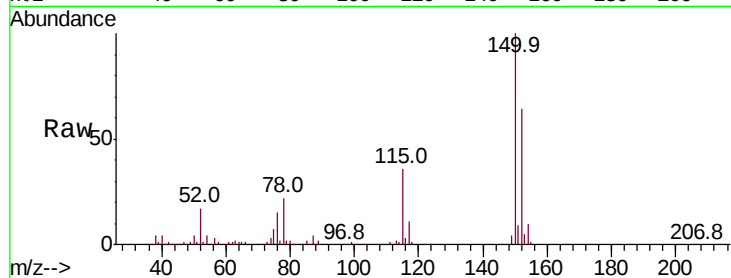
Tot Ion:152 Resp: 173246

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.4

150 157.9 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

