

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055894.D
 Acq On : 30 May 2019 12:33
 Operator : JC/SP
 Sample : K2648-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-052919

Quant Time: May 30 18:59:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

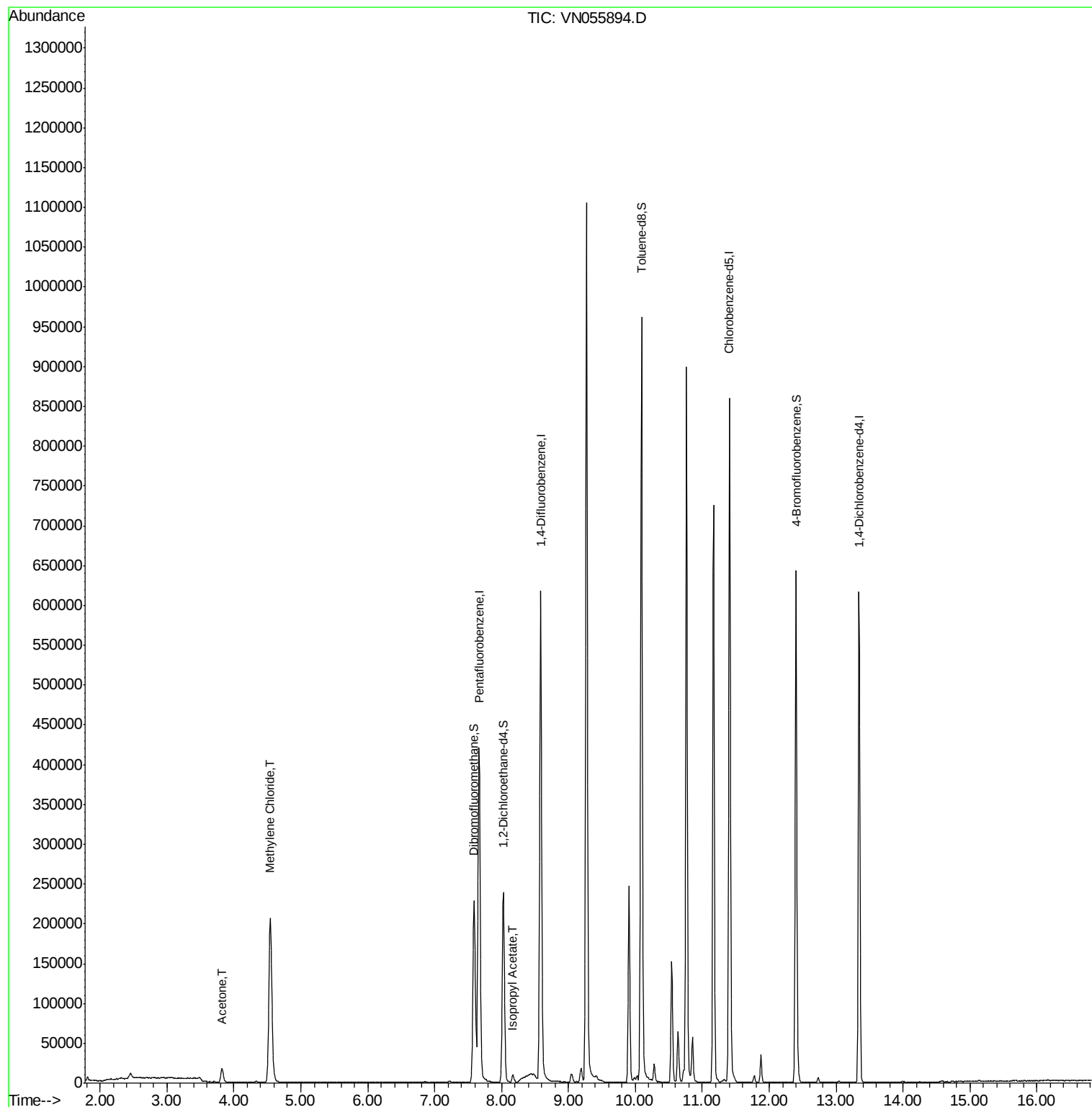
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	390901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	591913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	555571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	201717	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	7.59	113	175328	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	10.09	98	714022	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	231551	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
16) Acetone	3.82	43	29929	16.866	ug/l	Qvalue 100
20) Methylene Chloride	4.54	84	169037	43.985	ug/l	99
43) Isopropyl Acetate	8.17	43	12419	1.483	ug/l #	86

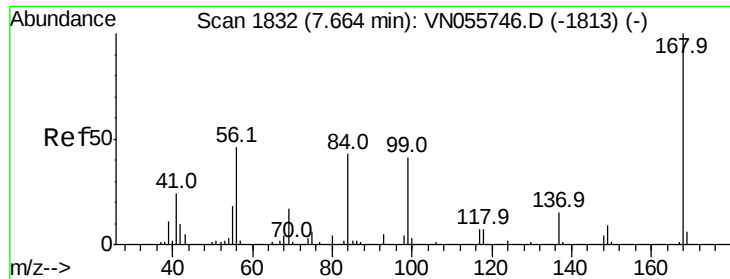
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN053019\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

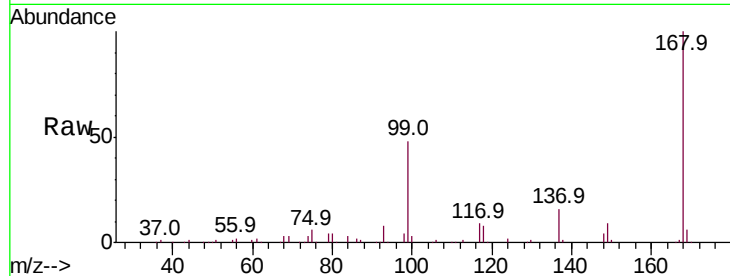
TR-04-052919

Tot Ion:168 Resp: 390901

Ion Ratio Lower Upper

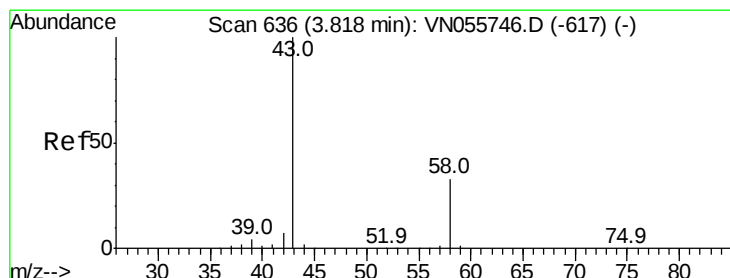
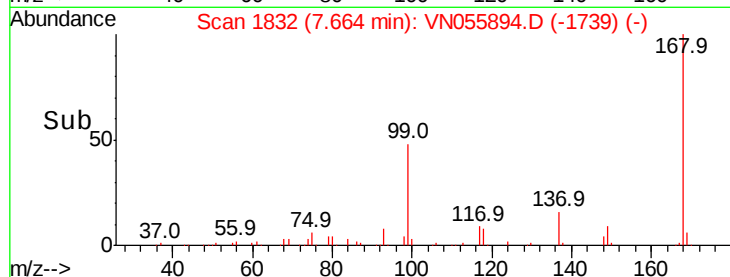
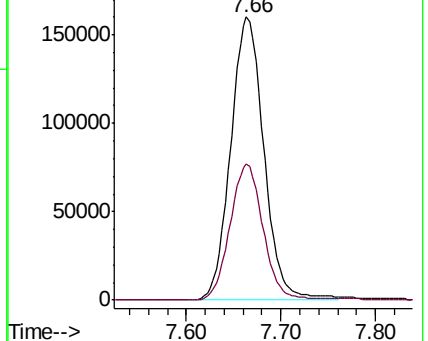
168 100

99 48.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 16.866 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055894.D

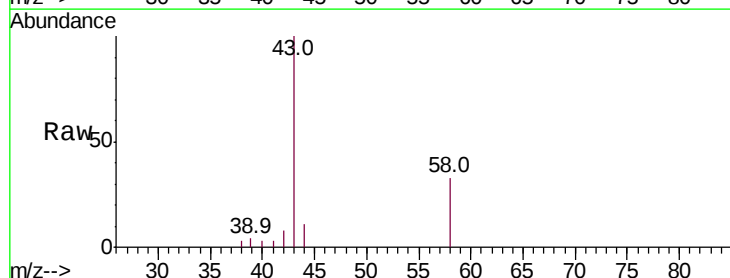
Acq: 30 May 2019 12:33

Tgt Ion: 43 Resp: 29929

Ion Ratio Lower Upper

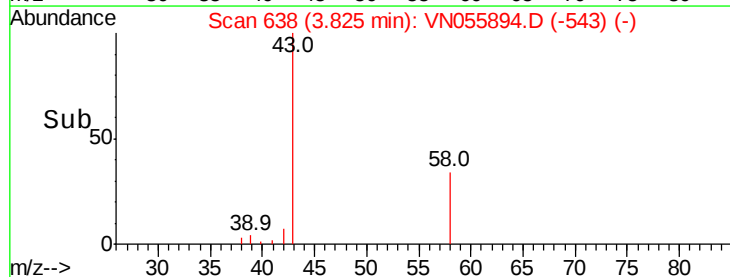
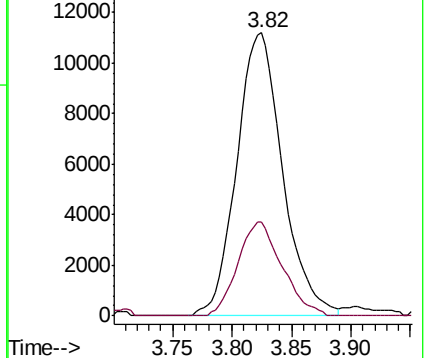
43 100

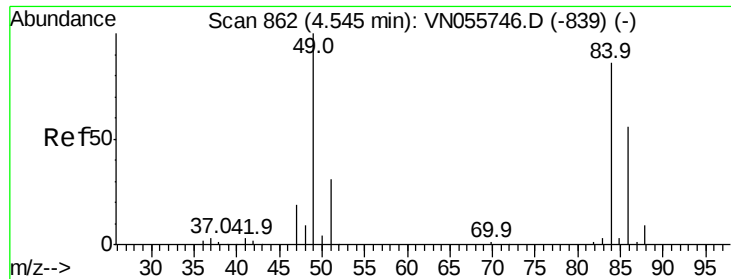
58 33.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

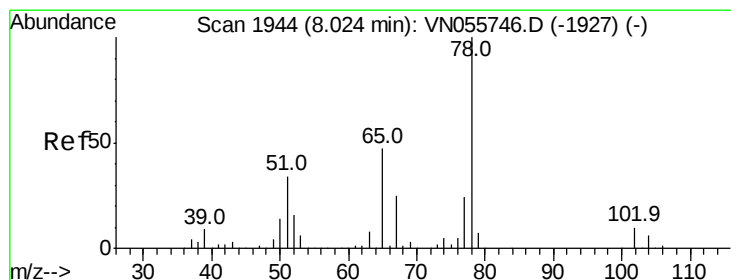
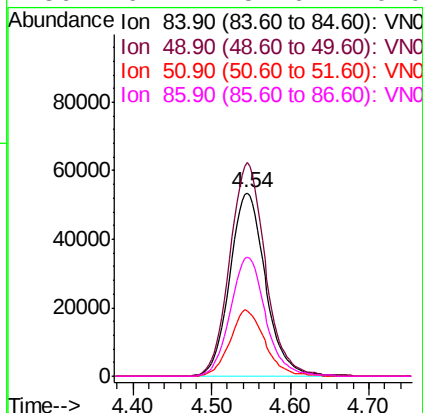
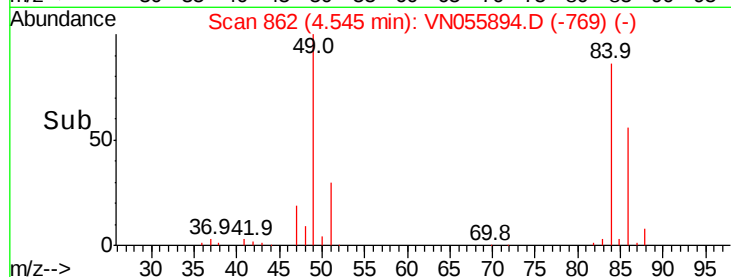
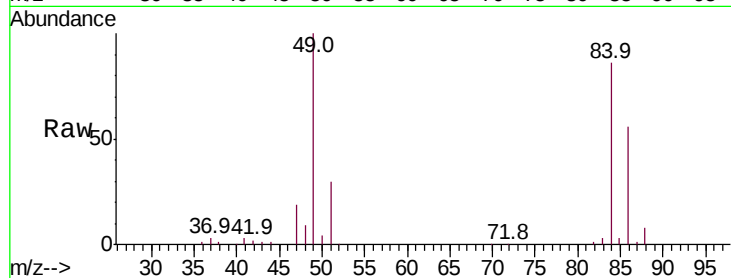




#20
Methvlene Chloride
Concen: 43.985 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055894.D
Acq: 30 May 2019 12:33

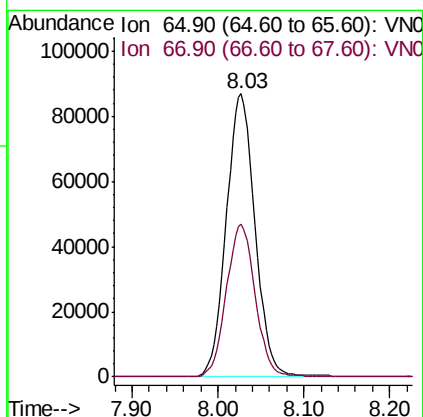
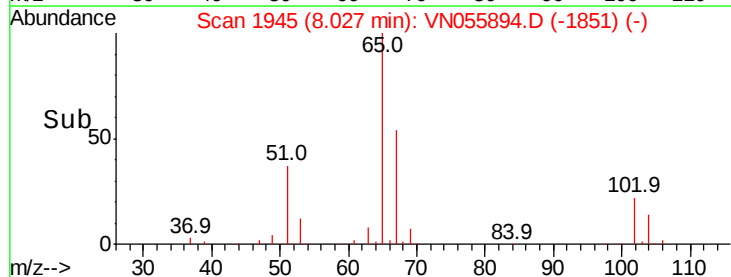
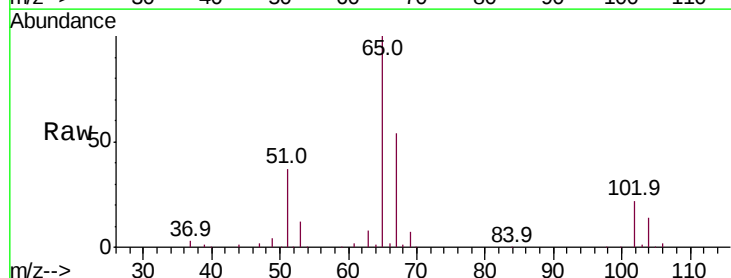
Instrument :
MSVOA_N
ClientSampleId :
TR-04-052919

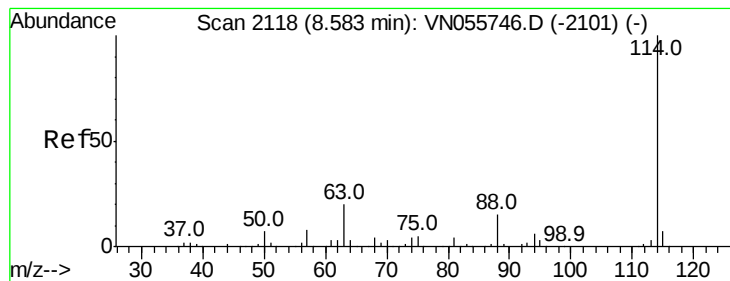
Tot Ion:	84	Resp:	169037
Ion	Ratio	Lower	Upper
84	100		
49	116.3	93.5	140.3
51	35.3	28.6	43.0
86	64.7	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 49.968 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055894.D
Acq: 30 May 2019 12:33

Tgt Ion:	65	Resp:	201717
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

TR-04-052919

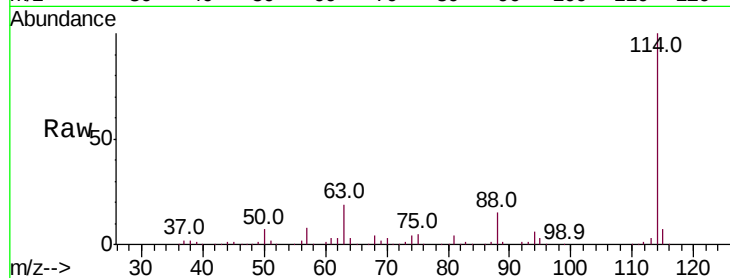
Tot Ion:114 Resp: 591913

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

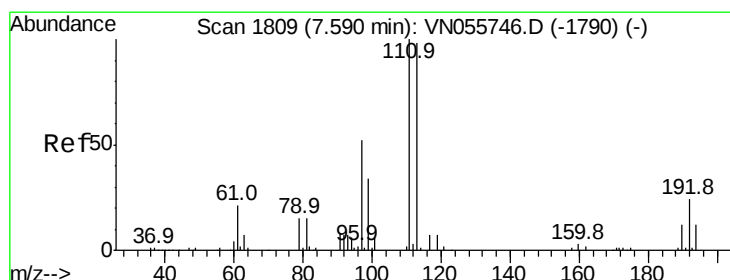
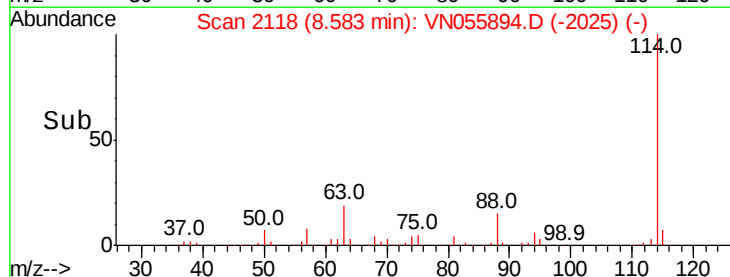
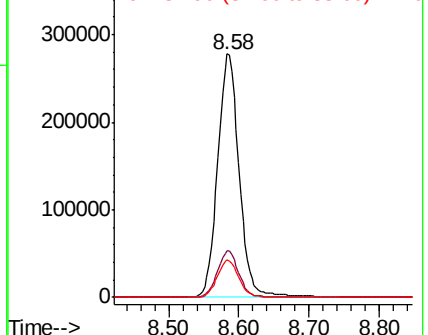
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.851 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

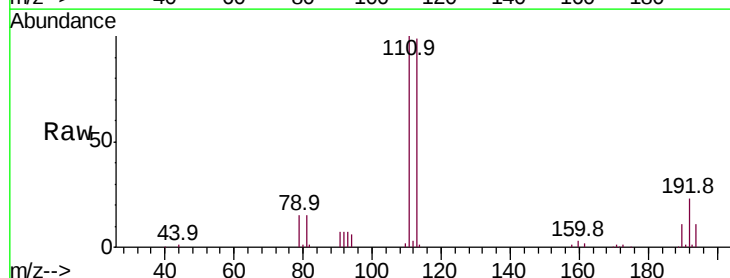
Tgt Ion:113 Resp: 175328

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

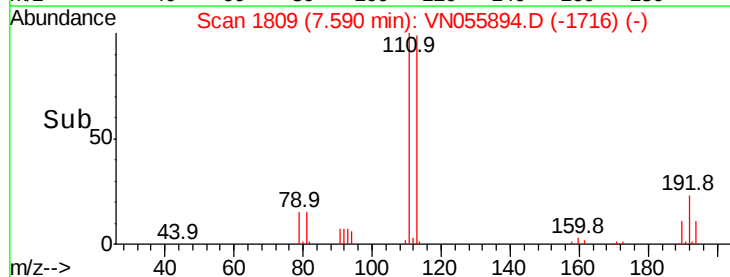
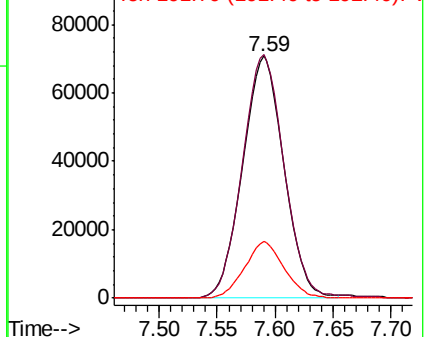
192 22.4 19.5 29.3

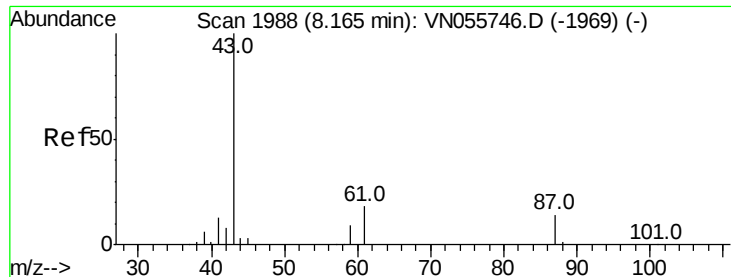


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.483 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

TR-04-052919

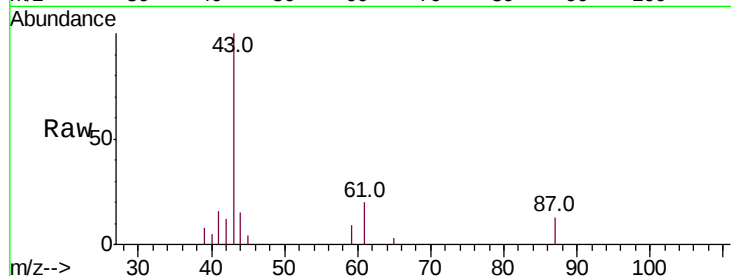
Tot Ion: 43 Resp: 12419

Ion Ratio Lower Upper

43 100

61 18.4 22.2 33.4#

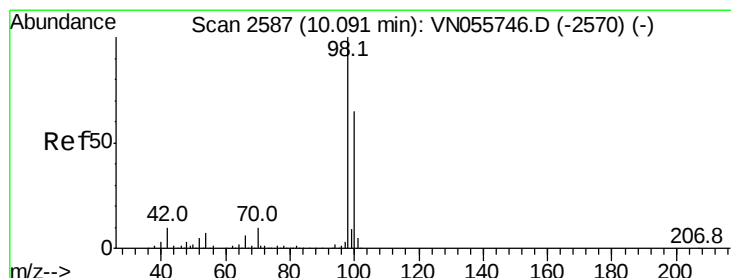
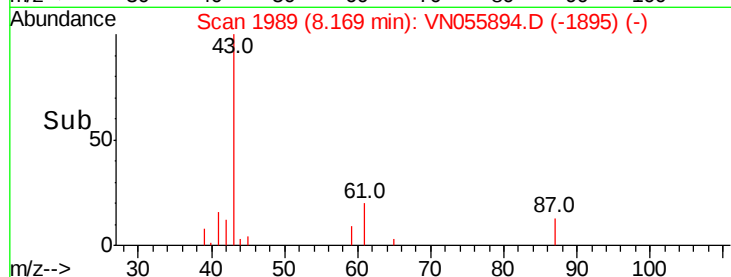
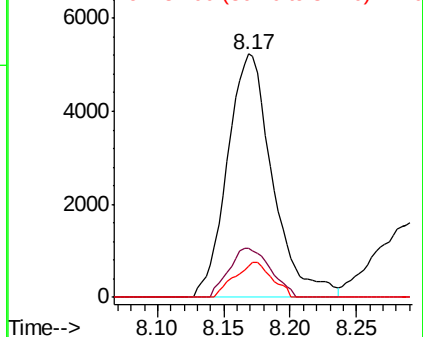
87 11.9 11.4 17.2



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: 49.740 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055894.D

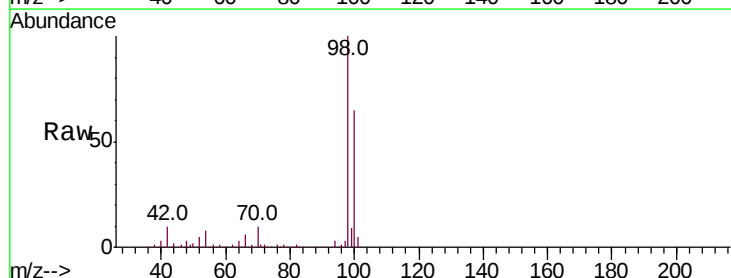
Acq: 30 May 2019 12:33

Tgt Ion: 98 Resp: 714022

Ion Ratio Lower Upper

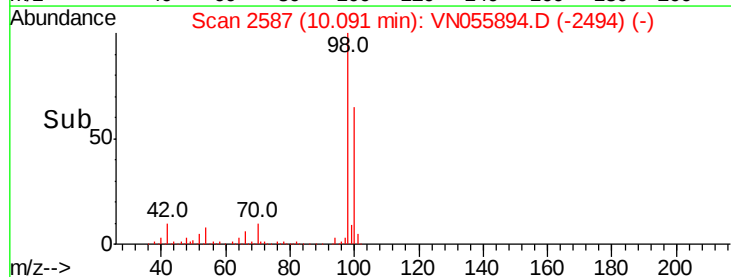
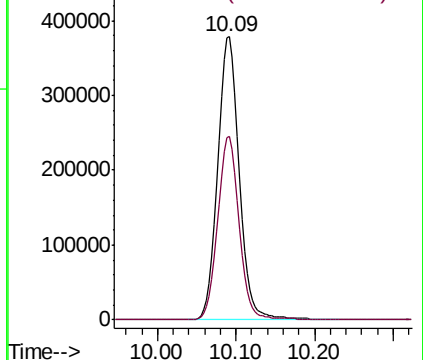
98 100

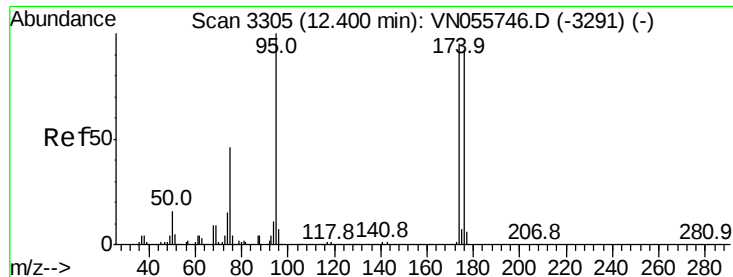
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

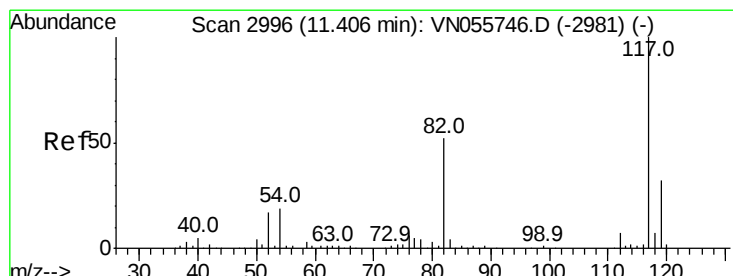
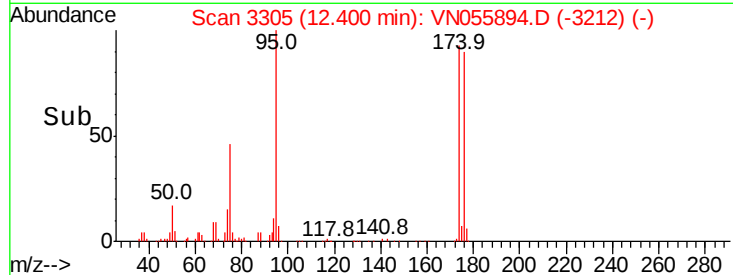
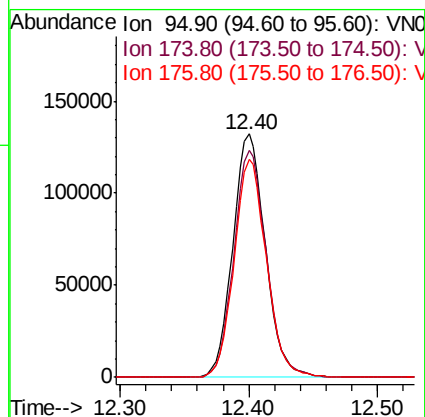
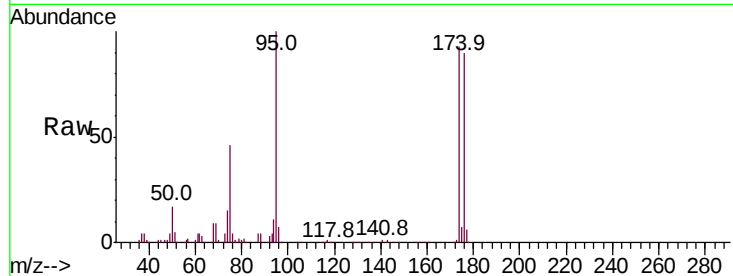




#62
4-Bromofluorobenzene
Concen: 47.042 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055894.D
Acq: 30 May 2019 12:33

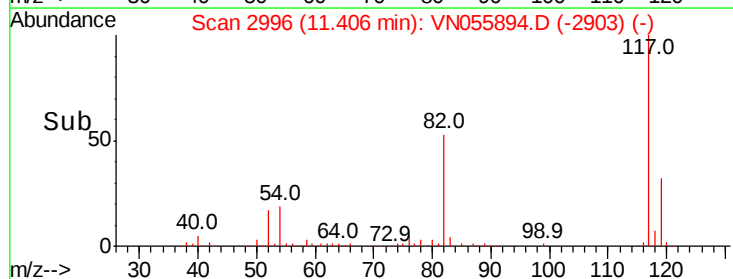
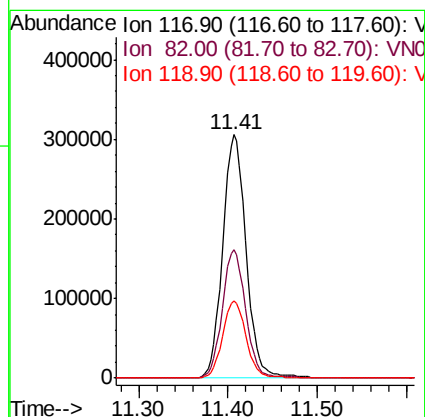
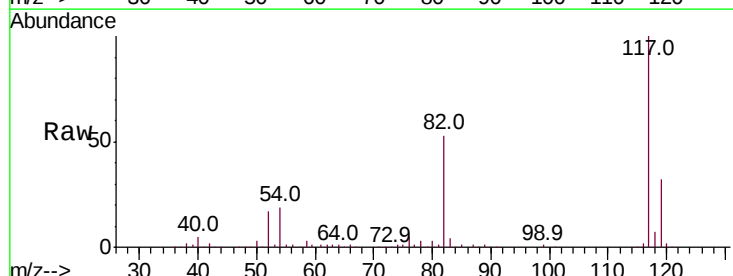
Instrument :
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TR-04-052919

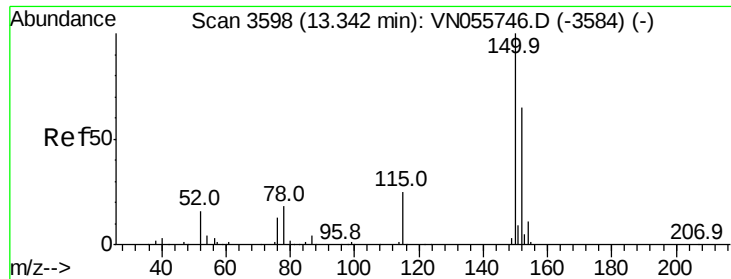
Tot Ion: 95 Resp: 231551
Ion Ratio Lower Upper
95 100
174 93.1 0.0 191.0
176 89.0 0.0 185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055894.D
Acq: 30 May 2019 12:33

Tgt Ion: 117 Resp: 555571
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 31.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055894.D

Acq: 30 May 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

TR-04-052919

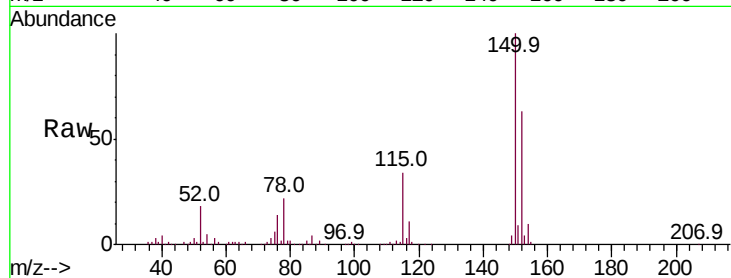
Tot Ion:152 Resp: 185109

Ion Ratio Lower Upper

152 100

115 54.5 27.0 81.0

150 157.1 0.0 343.2



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

