

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091219\
 Data File : VN057941.D
 Acq On : 11 Sep 2019 22:01
 Operator : JC/SP
 Sample : K4835-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-3

Quant Time: Sep 12 03:42:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

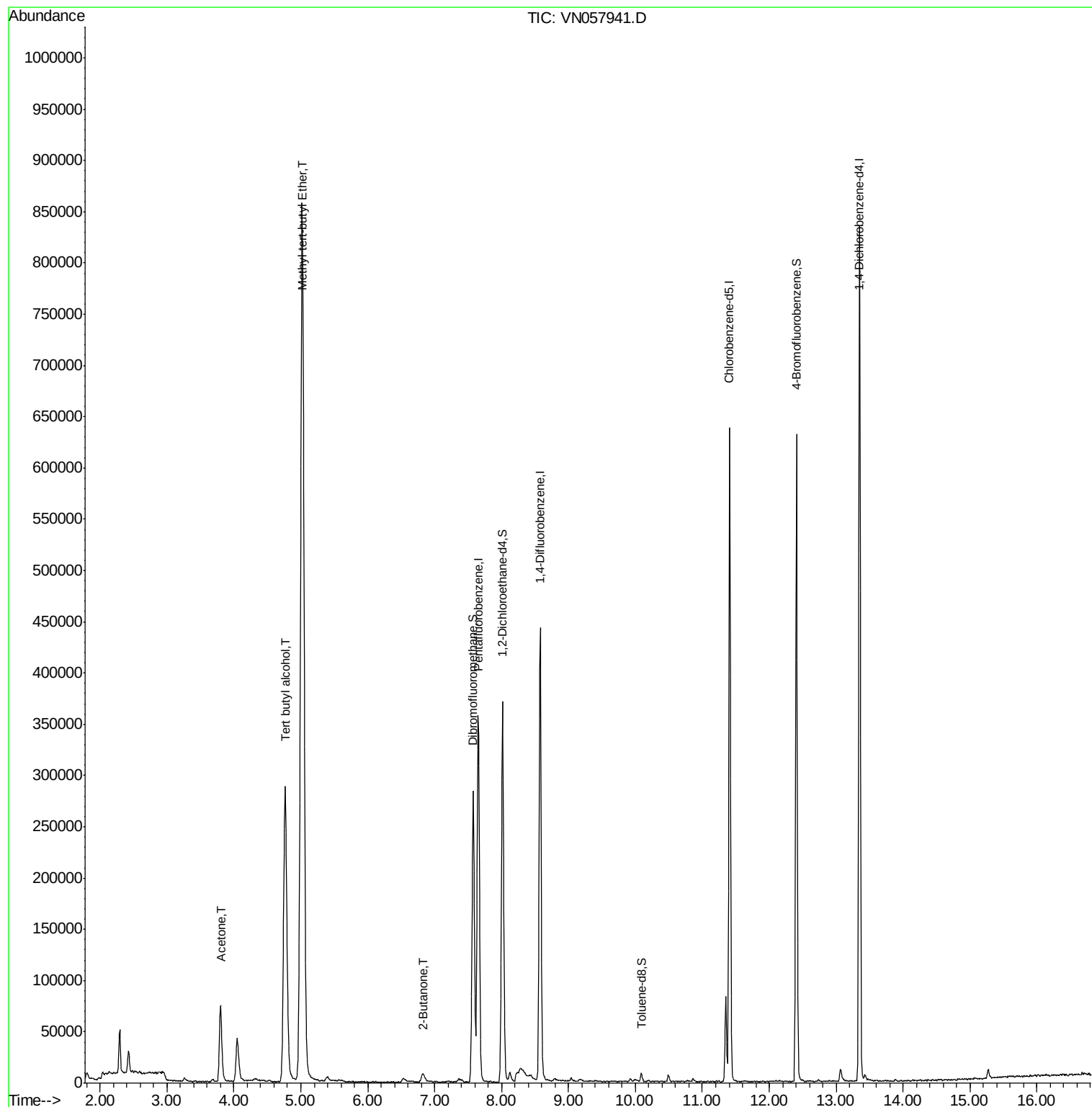
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	277732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	377308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	341404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	206252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	314013	55.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.64%	
35) Dibromofluoromethane	7.58	113	213161	61.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.42%	
50) Toluene-d8	10.09	98	6042	0.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.90%	
62) 4-Bromofluorobenzene	12.41	95	208682	40.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.00%	
Target Compounds						
11) Tert butyl alcohol	4.77	59	499453	733.590	ug/l	100
16) Acetone	3.80	43	125104	67.842	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	1458134	118.476	ug/l	98
25) 2-Butanone	6.83	43	13723	5.142	ug/l	99

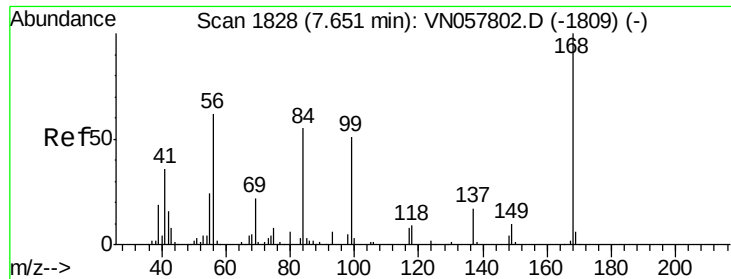
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057941.D

Acq: 11 Sep 2019 22:01

Instrument :

MSVOA_N

ClientSampleId :

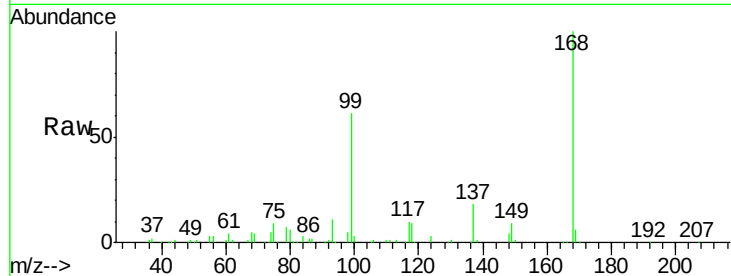
PZ-3

Tot Ion:168 Resp: 277732

Ion Ratio Lower Upper

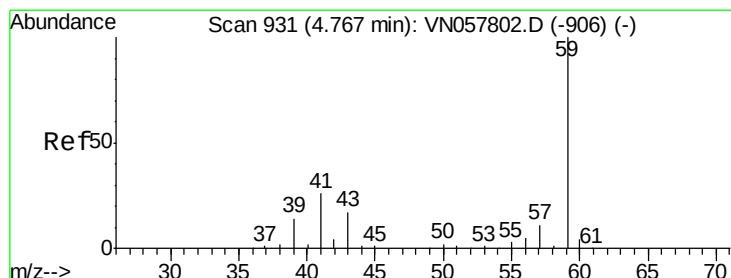
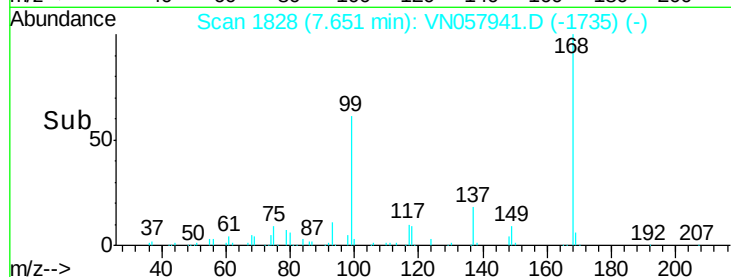
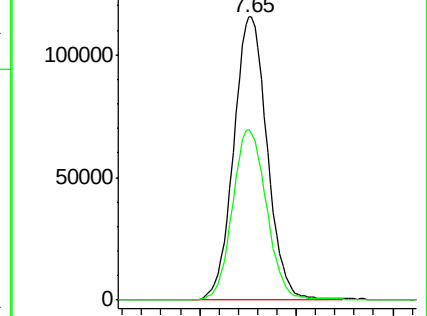
168 100

99 60.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 733.590 ug/l

RT: 4.77 min Scan# 931

Delta R.T. 0.00 min

Lab File: VN057941.D

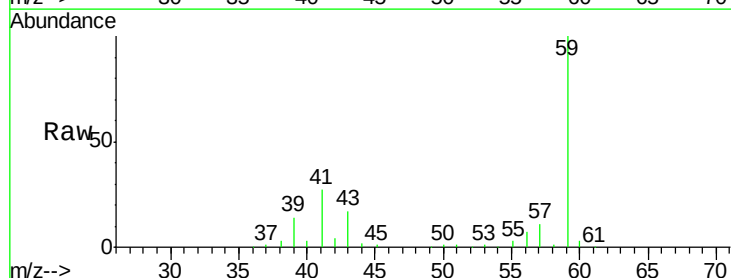
Acq: 11 Sep 2019 22:01

Tgt Ion: 59 Resp: 499453

Ion Ratio Lower Upper

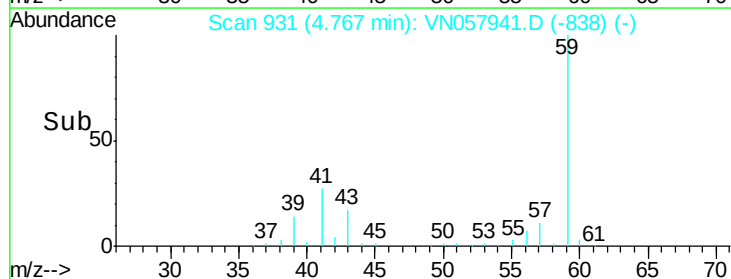
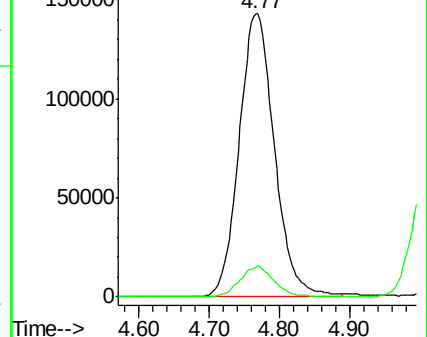
59 100

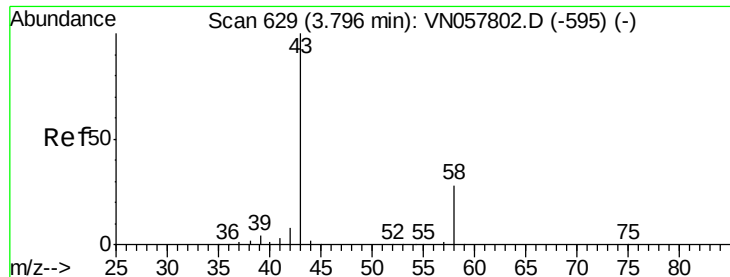
57 10.5 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 67.842 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057941.D

Acq: 11 Sep 2019 22:01

Instrument :

MSVOA_N

ClientSampled :

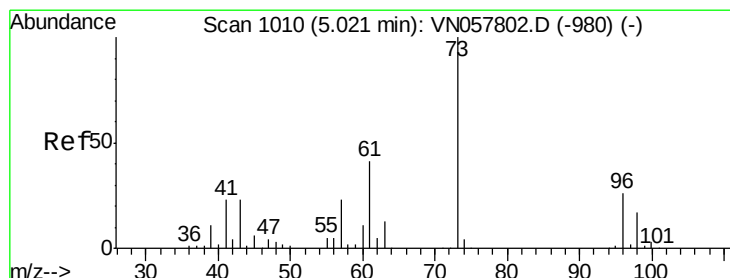
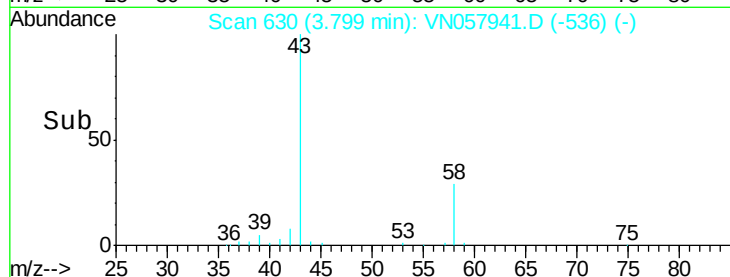
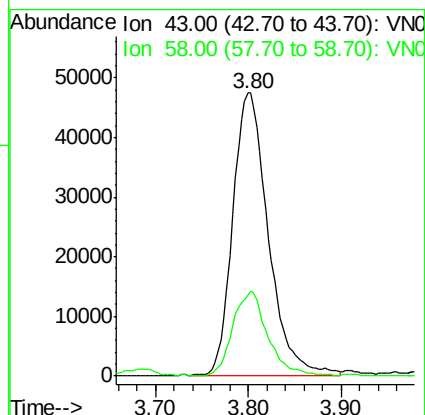
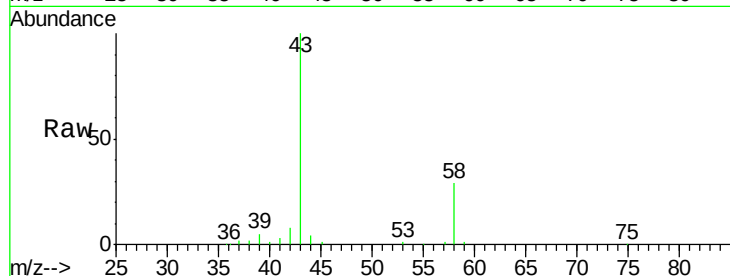
PZ-3

Tot Ion: 43 Resp: 125104

Ion Ratio Lower Upper

43 100

58 28.7 22.2 33.2



#19

Methyl tert-butyl Ether

Concen: 118.476 ug/l

RT: 5.02 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN057941.D

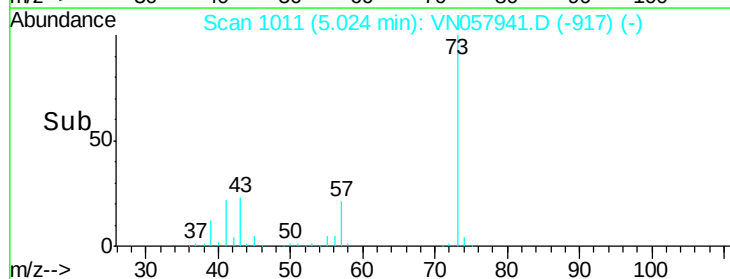
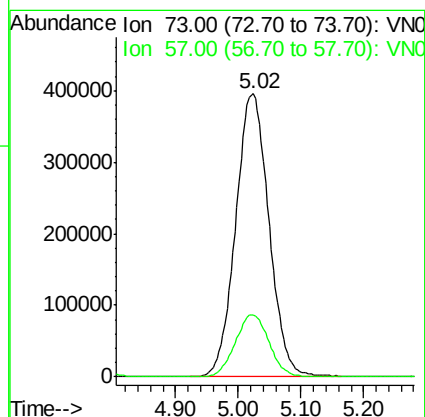
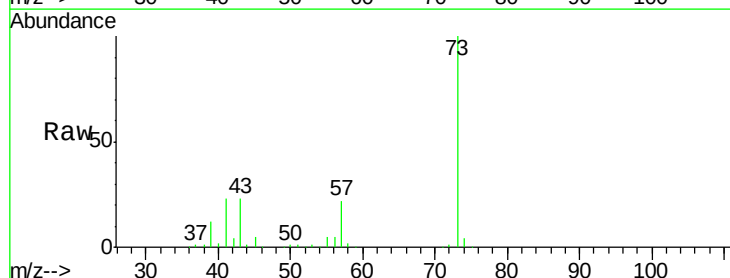
Acq: 11 Sep 2019 22:01

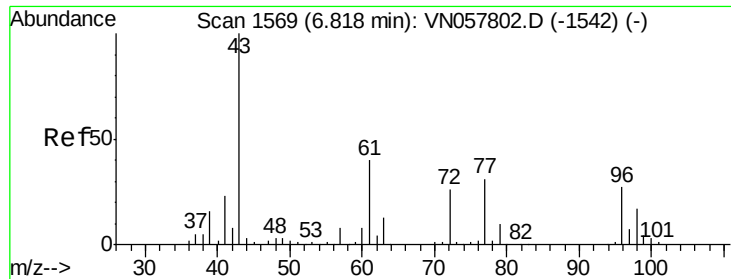
Tgt Ion: 73 Resp: 1458134

Ion Ratio Lower Upper

73 100

57 21.8 18.2 27.2

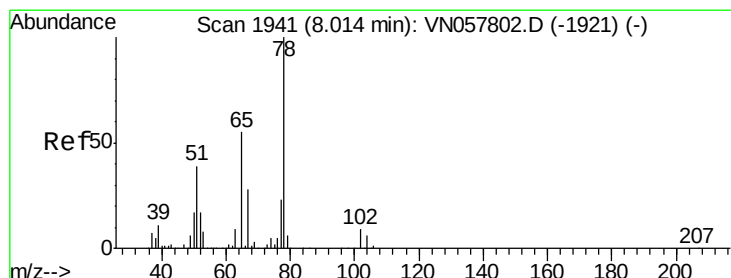
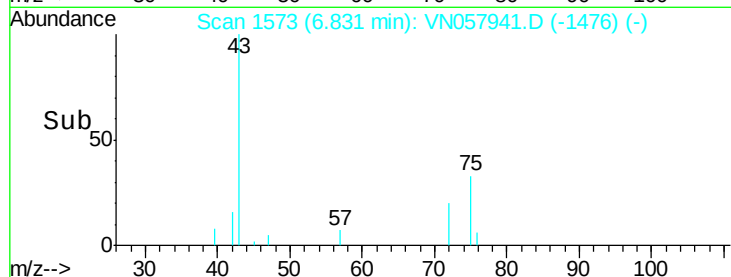
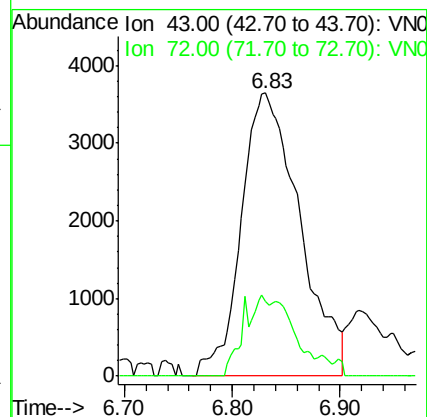
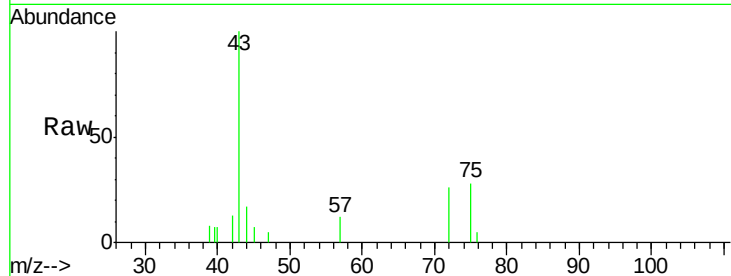




#25
2-Butanone
Concen: 5.142 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN057941.D
Acq: 11 Sep 2019 22:01

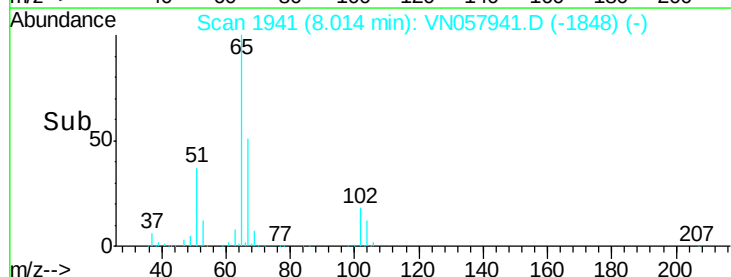
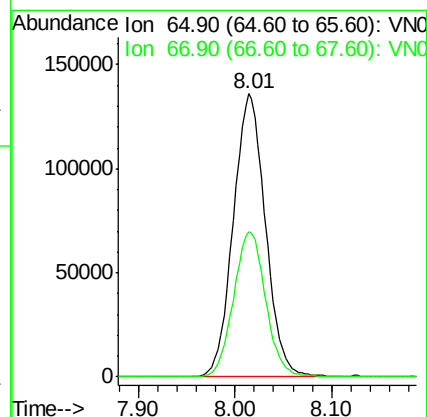
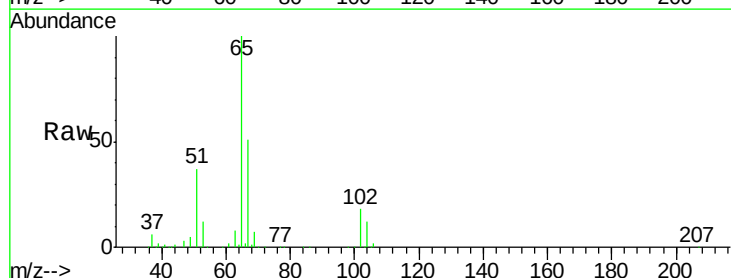
Instrument :
MSVOA_N
ClientSampled :
PZ-3

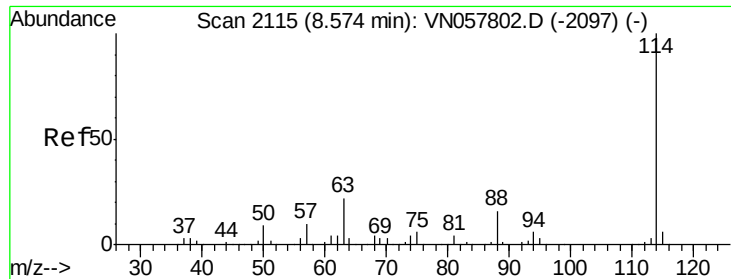
Tot Ion: 43 Resp: 13723
Ion Ratio Lower Upper
43 100
72 26.4 20.6 30.8



#33
1,2-Dichloroethane-d4
Concen: 55.822 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057941.D
Acq: 11 Sep 2019 22:01

Tgt Ion: 65 Resp: 314013
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

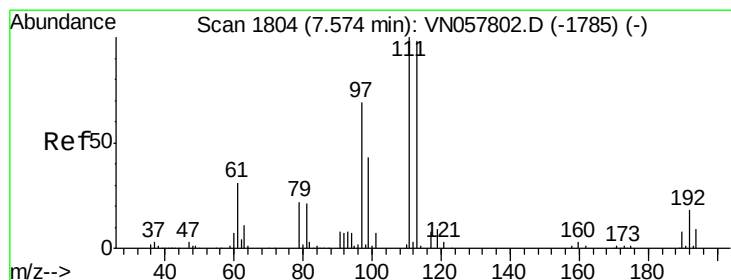
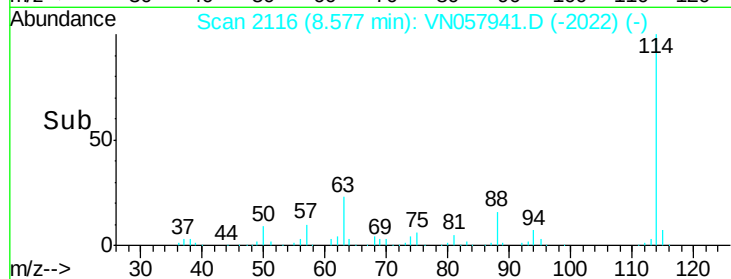
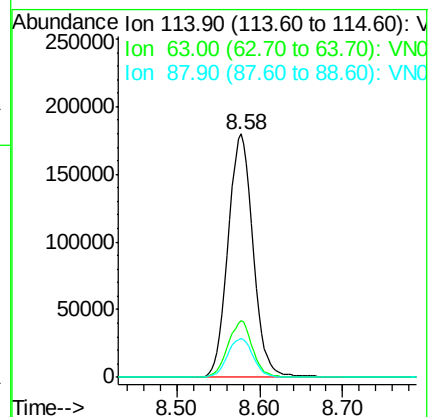
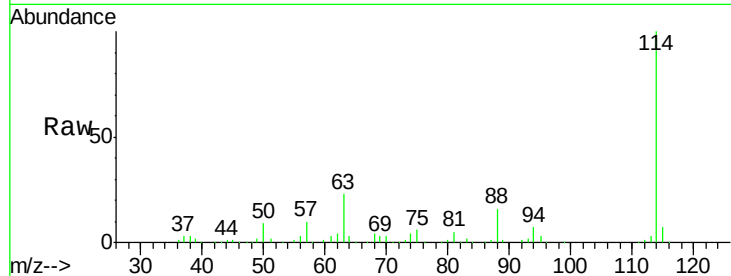




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057941.D
 Acq: 11 Sep 2019 22:01

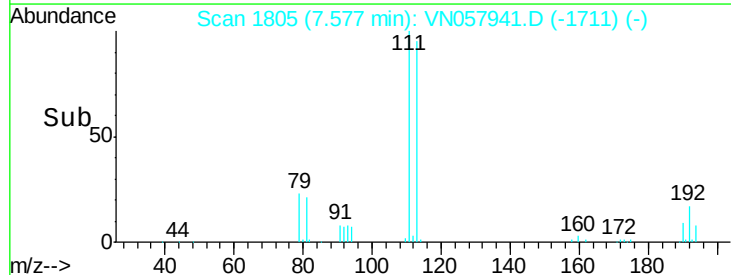
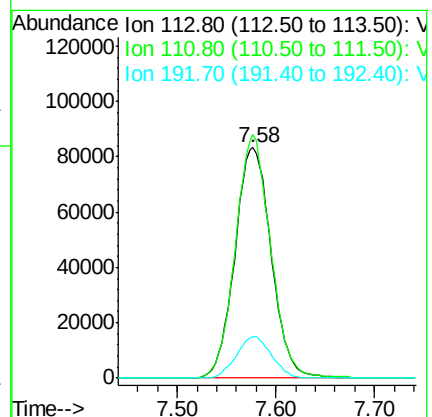
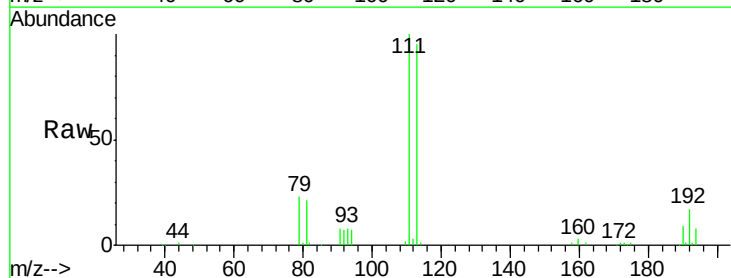
Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-3

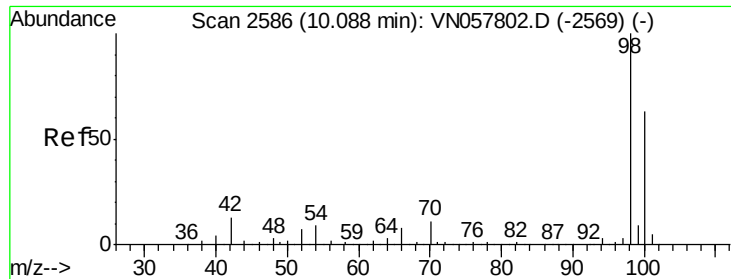
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	44.0
88	15.7	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 61.211 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057941.D
 Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.3	121.9
192	17.4	14.6	22.0

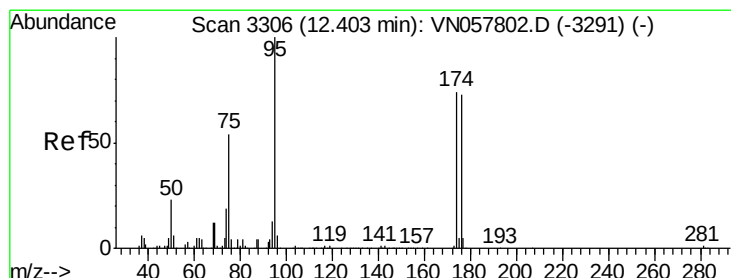
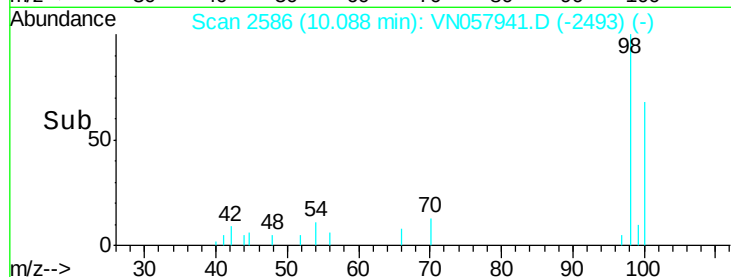
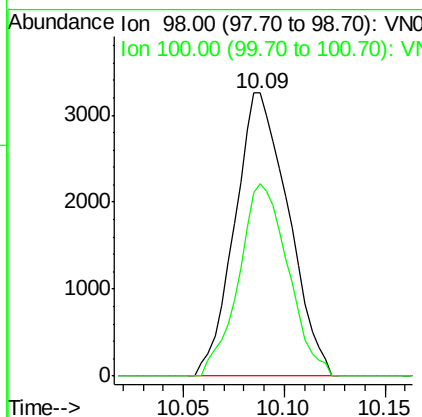
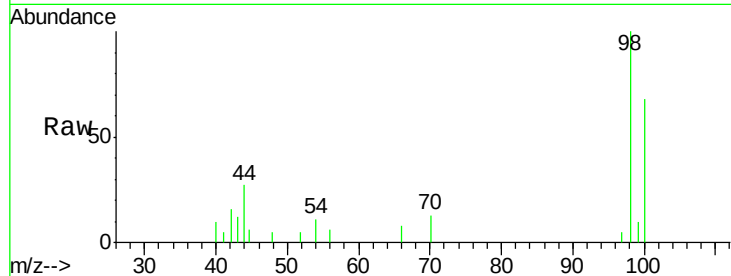




#50
Toluene-d8
Concen: 0.447 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057941.D
Acq: 11 Sep 2019 22:01

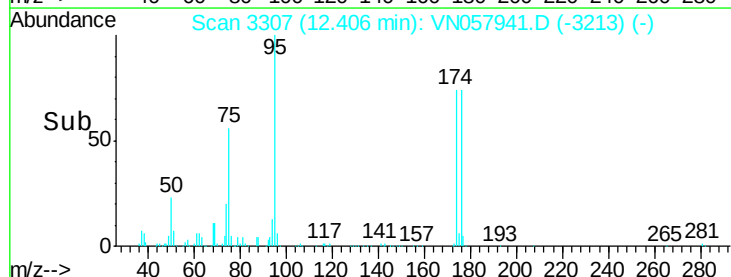
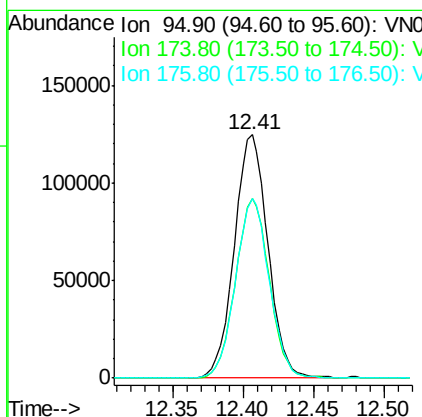
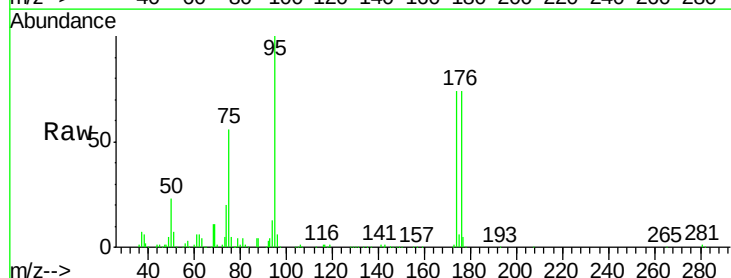
Instrument :
MSVOA_N
ClientSampled :
PZ-3

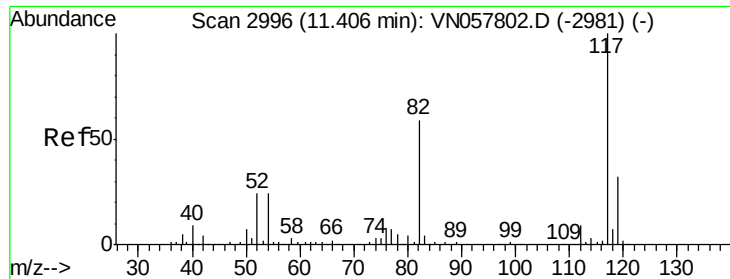
Tot Ion: 98 Resp: 6042
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 40.501 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057941.D
Acq: 11 Sep 2019 22:01

Tgt Ion: 95 Resp: 208682
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.2
176 73.8 0.0 146.0

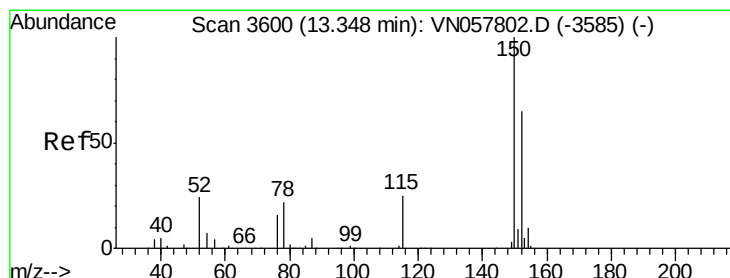
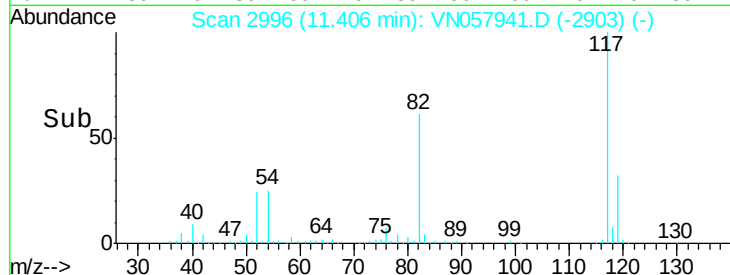
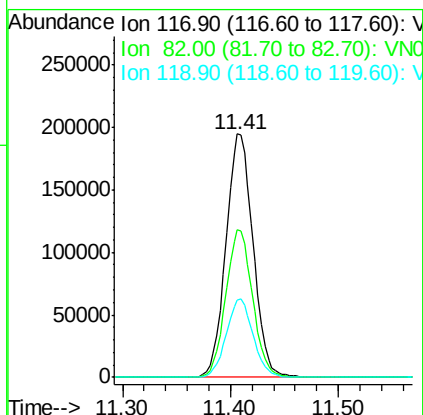
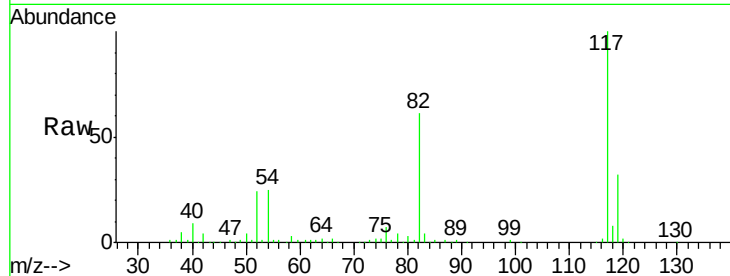




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057941.D
Acq: 11 Sep 2019 22:01

Instrument :
MSVOA_N
ClientSampled :
PZ-3

Tot Ion:117 Resp: 341404
Ion Ratio Lower Upper
117 100
82 60.6 47.2 70.8
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057941.D
Acq: 11 Sep 2019 22:01

Tgt Ion:152 Resp: 206252
Ion Ratio Lower Upper
152 100
115 62.6 30.3 91.0
150 159.2 0.0 352.4

