

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058582.D
 Acq On : 7 Oct 2019 21:12
 Operator : JC/SP
 Sample : K5230-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Oct 08 15:40:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

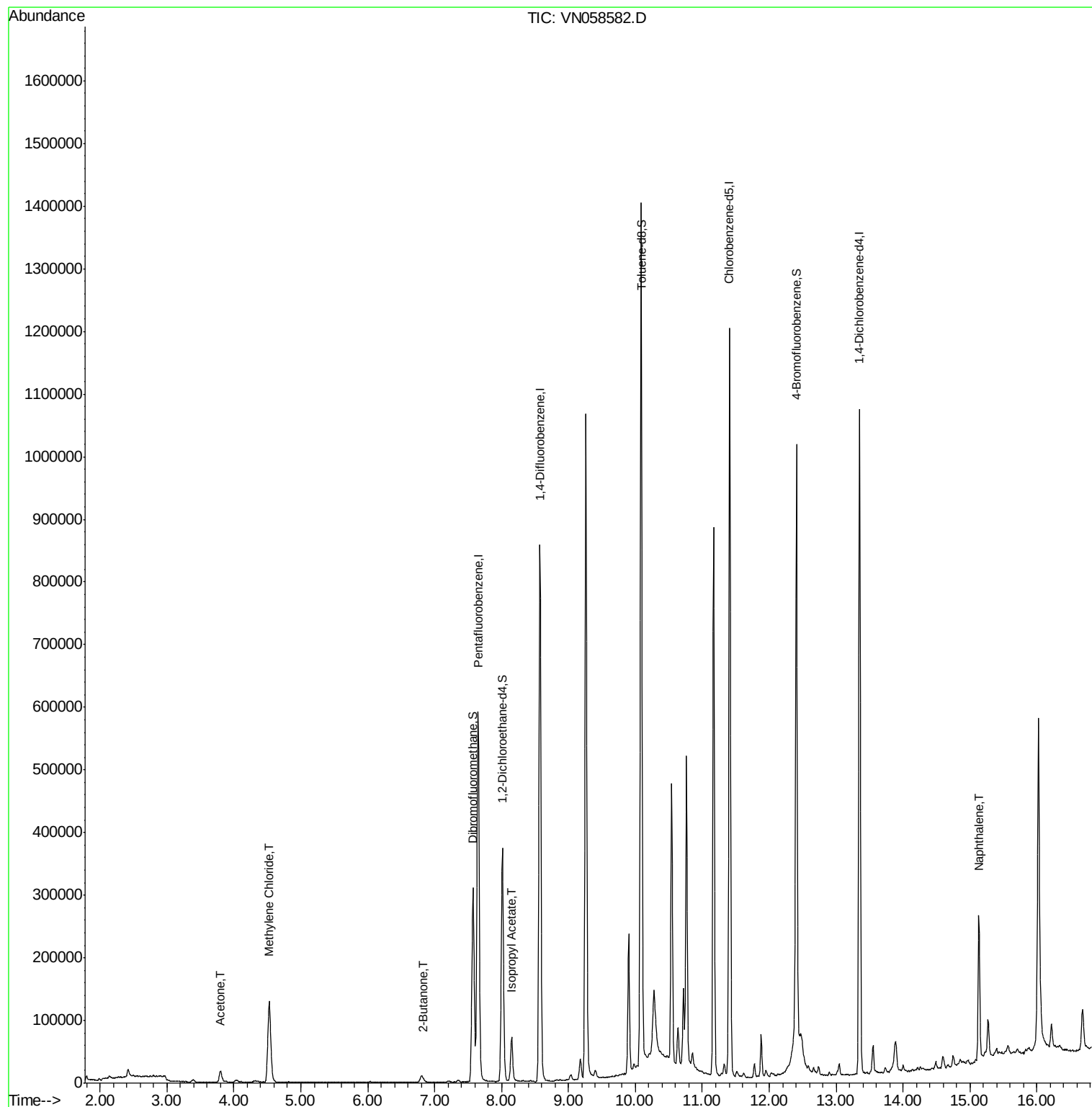
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	480959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	763703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	669970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	279727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	328464	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
35) Dibromofluoromethane	7.57	113	236863	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
50) Toluene-d8	10.08	98	949379	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.41	95	317675	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
16) Acetone	3.80	43	32050	13.377	ug/l	99
20) Methylene Chloride	4.53	84	96435	17.441	ug/l	95
25) 2-Butanone	6.83	43	4522	1.375	ug/l	94
43) Isopropyl Acetate	8.15	43	83922	7.208	ug/l	99
95) Naphthalene	15.13	128	175487	12.819	ug/l	99

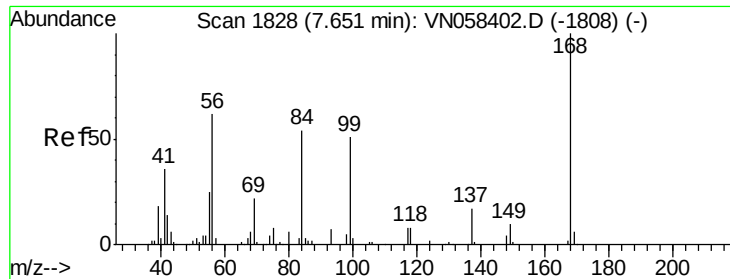
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100719\
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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: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

ClientSampled :

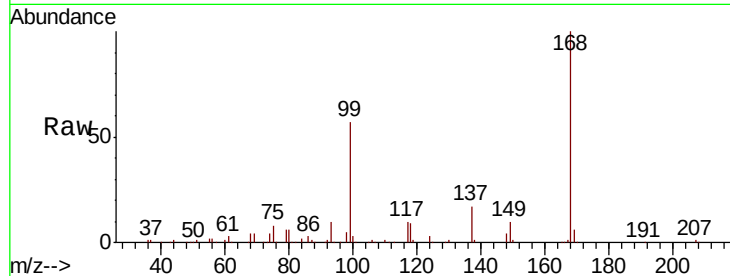
TP-2

Tot Ion:168 Resp: 480959

Ion Ratio Lower Upper

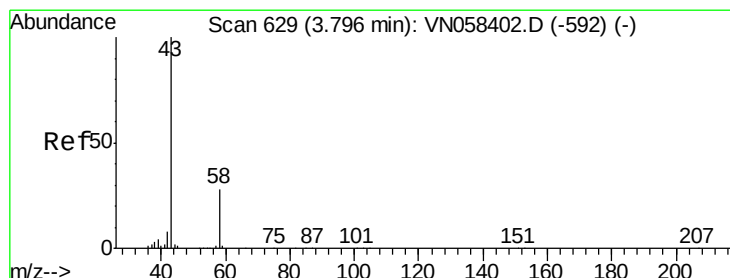
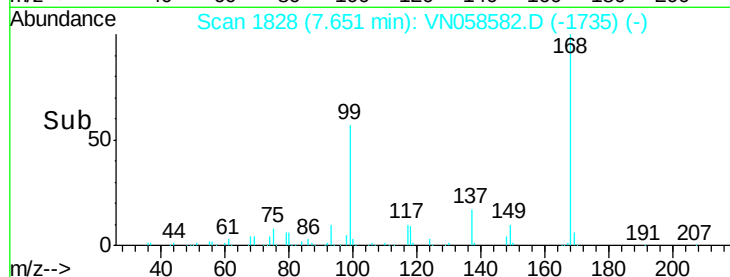
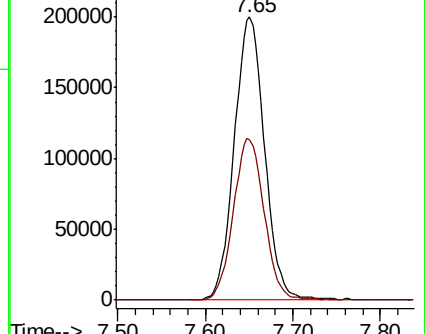
168 100

99 56.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 13.377 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058582.D

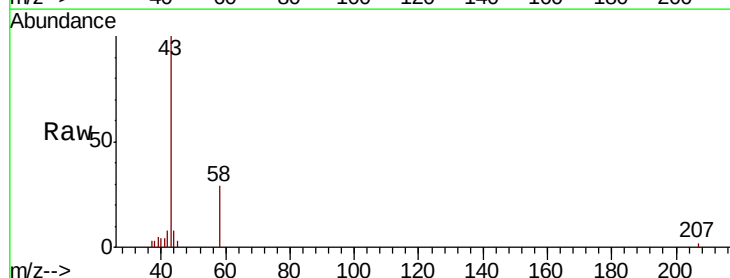
Acq: 7 Oct 2019 21:12

Tgt Ion: 43 Resp: 32050

Ion Ratio Lower Upper

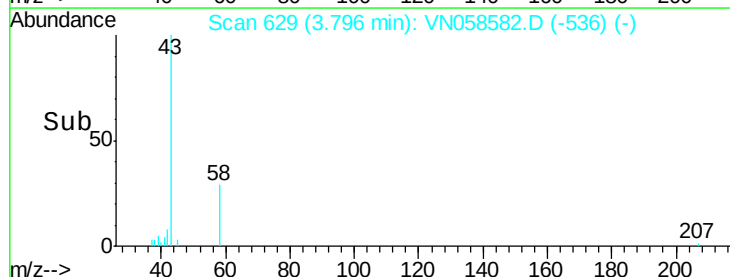
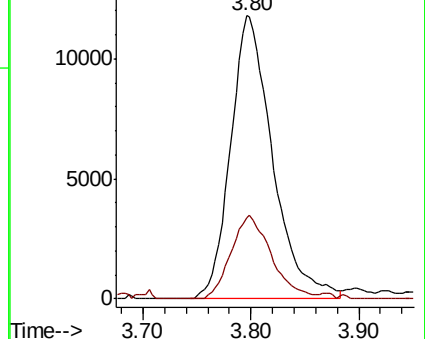
43 100

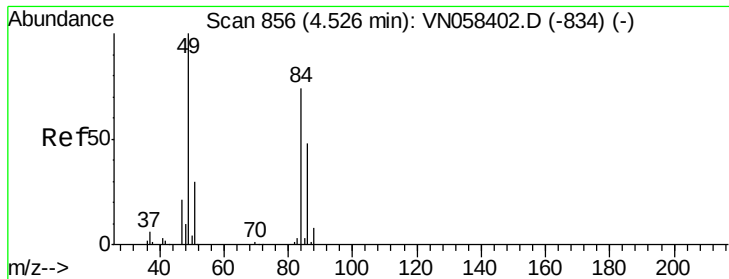
58 28.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

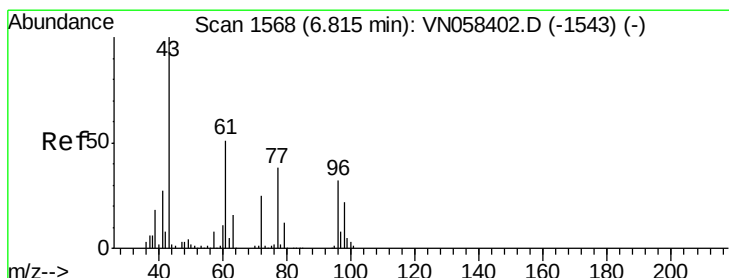
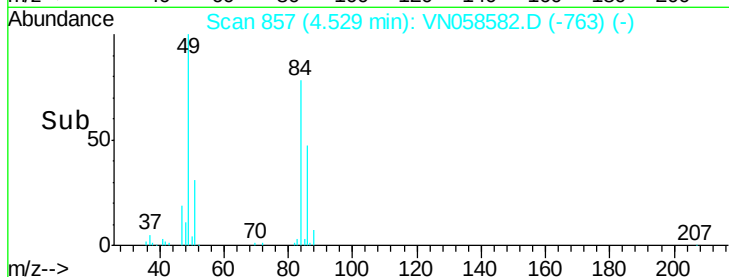
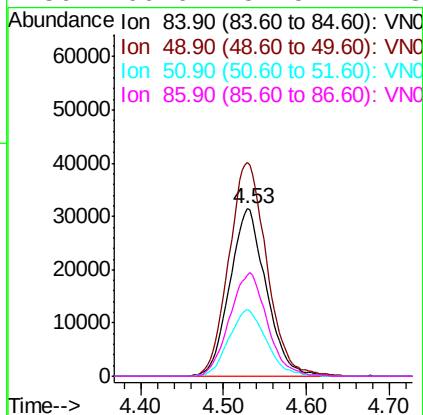
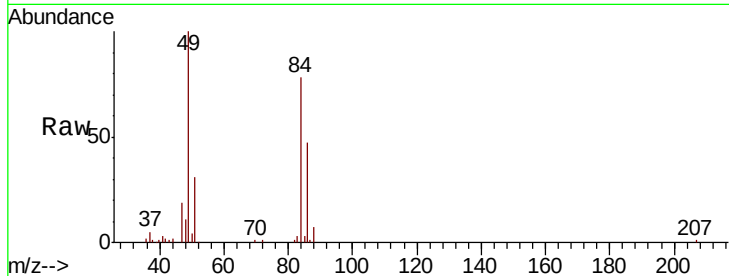




#20
Methvlene Chloride
Concen: 17.441 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058582.D
Acq: 7 Oct 2019 21:12

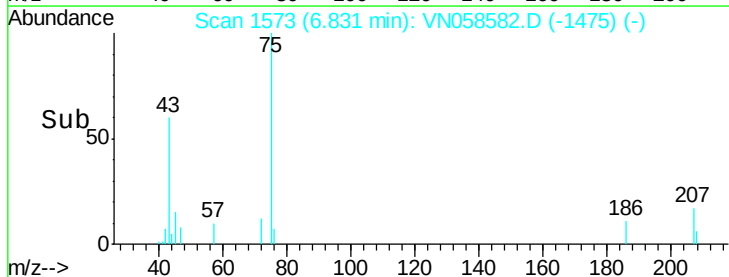
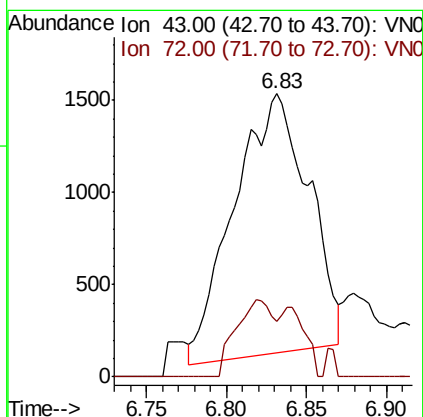
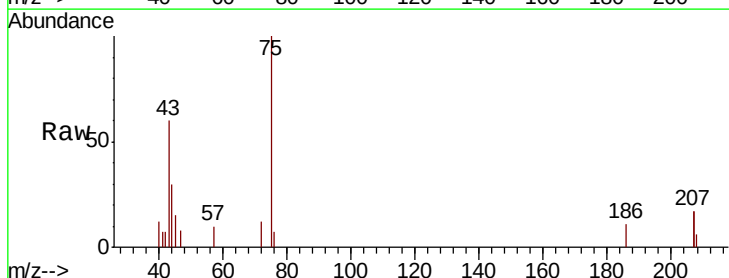
Instrument :
MSVOA_N
ClientSampled :
TP-2

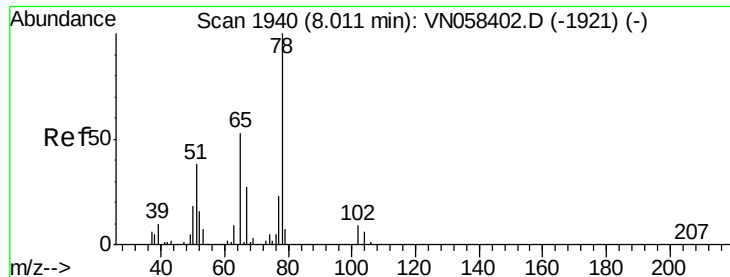
Tot Ion: 84 Resp: 96435
Ion Ratio Lower Upper
84 100
49 127.7 107.9 161.9
51 39.6 32.8 49.2
86 60.6 51.5 77.3



#25
2-Butanone
Concen: 1.375 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN058582.D
Acq: 7 Oct 2019 21:12

Tgt Ion: 43 Resp: 4522
Ion Ratio Lower Upper
43 100
72 22.3 20.2 30.4

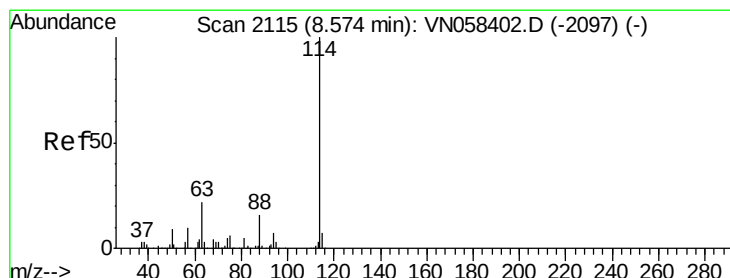
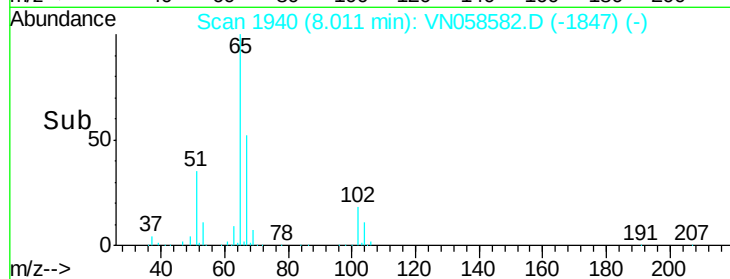
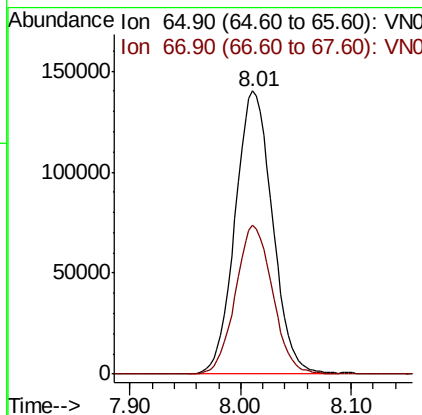
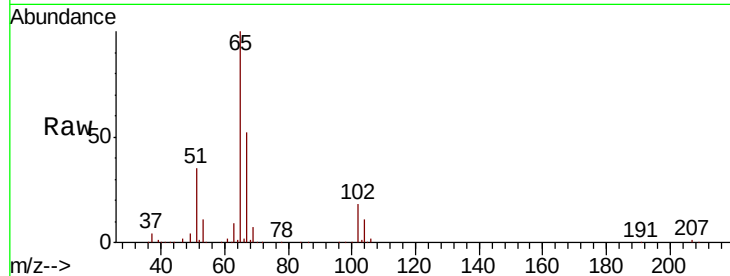




#33
 1,2-Dichloroethane-d4
 Concen: 46.734 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058582.D
 Acq: 7 Oct 2019 21:12

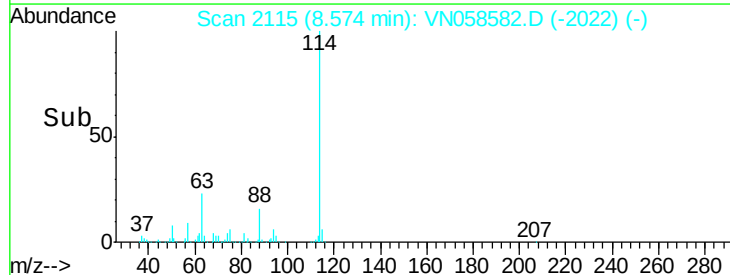
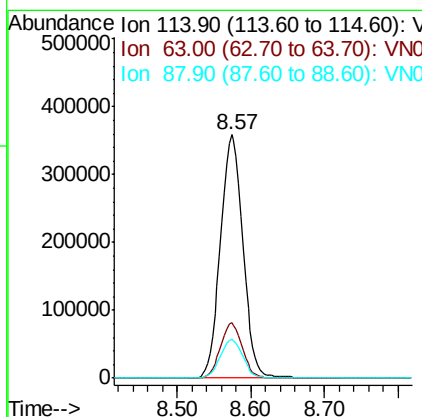
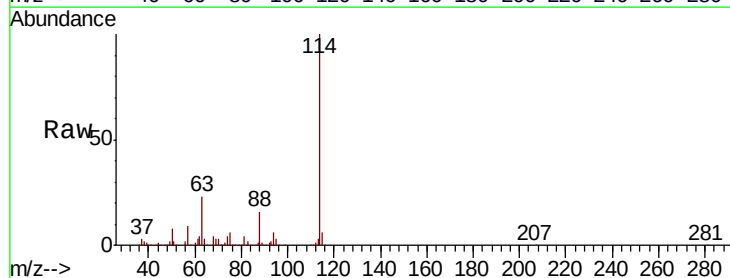
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

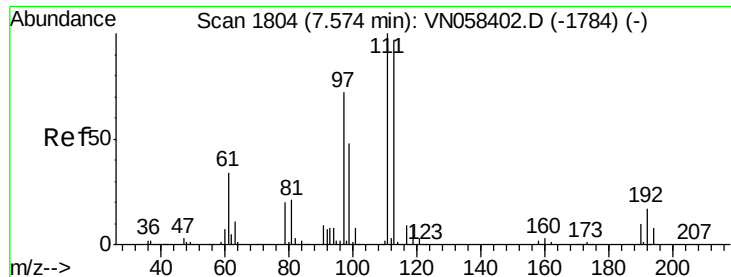
Tot Ion: 65 Resp: 328464
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058582.D
 Acq: 7 Oct 2019 21:12

Tgt Ion: 114 Resp: 763703
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 16.1 0.0 32.2

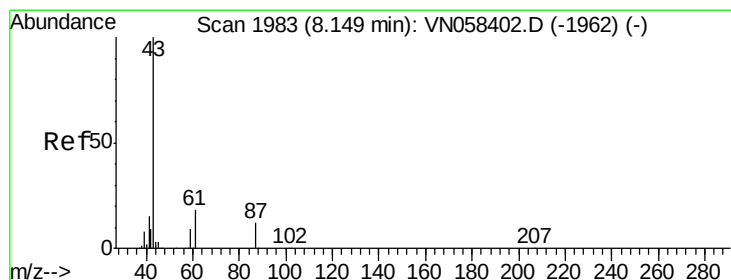
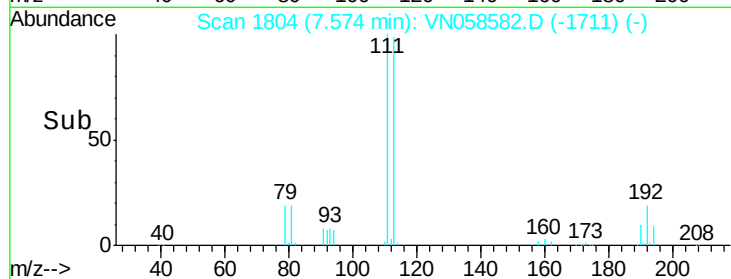
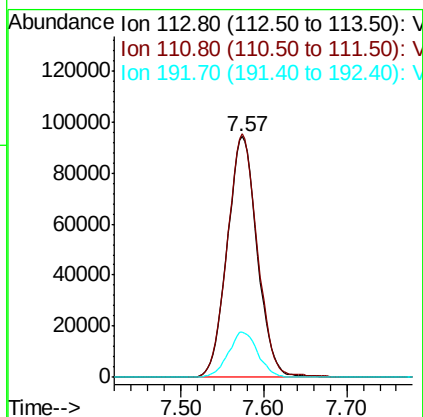
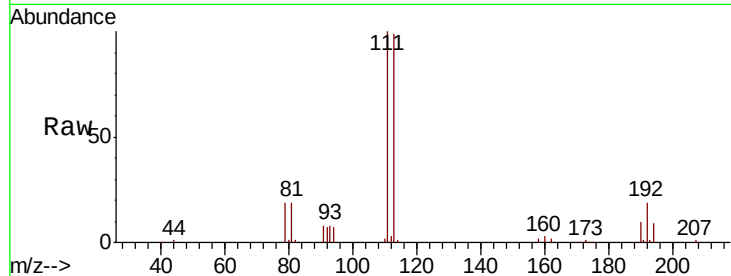




#35
Dibromofluoromethane
Concen: 50.605 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058582.D
Acq: 7 Oct 2019 21:12

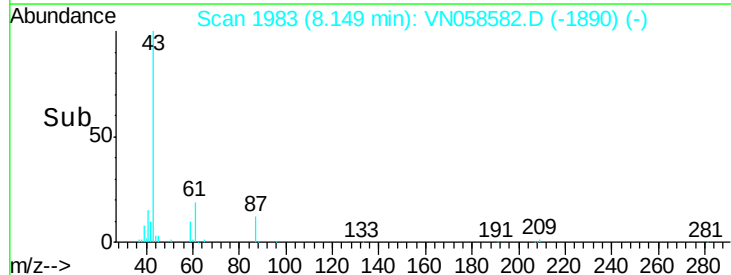
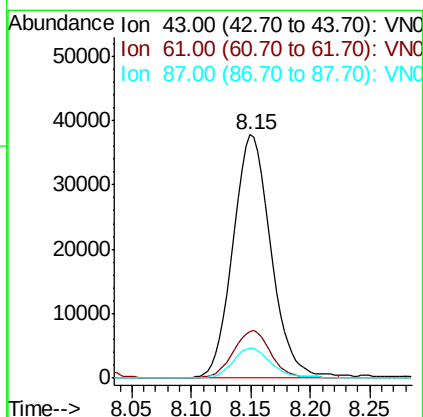
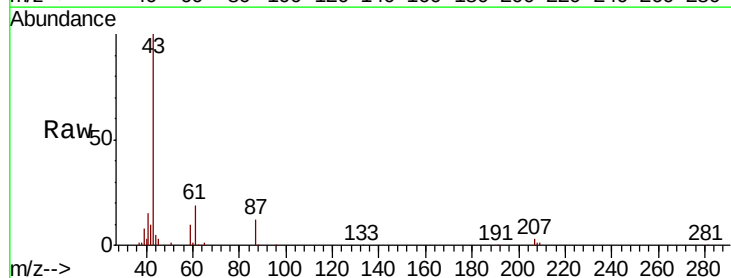
Instrument :
MSVOA_N
ClientSampleId :
TP-2

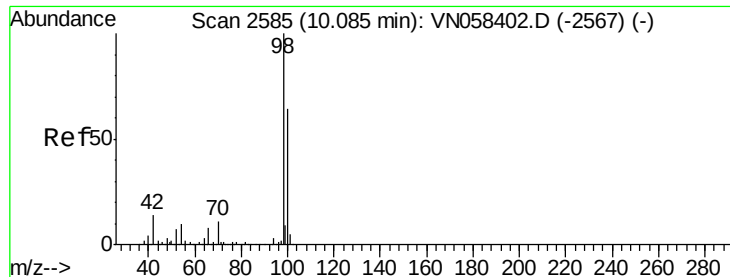
Tot Ion:113 Resp: 236863
Ion Ratio Lower Upper
113 100
111 100.7 83.4 125.2
192 18.5 14.9 22.3



#43
Isopropyl Acetate
Concen: 7.208 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VN058582.D
Acq: 7 Oct 2019 21:12

Tgt Ion: 43 Resp: 83922
Ion Ratio Lower Upper
43 100
61 19.2 14.8 22.2
87 12.2 9.7 14.5





#50

Toluene-d8

Concen: 51.777 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

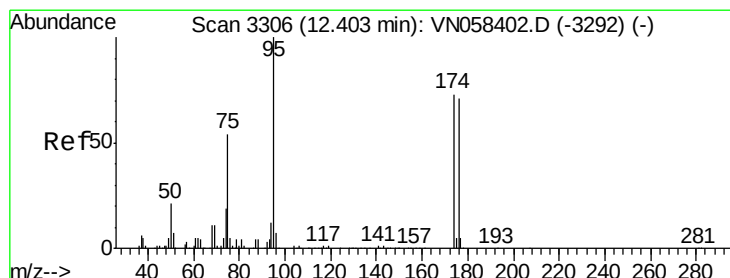
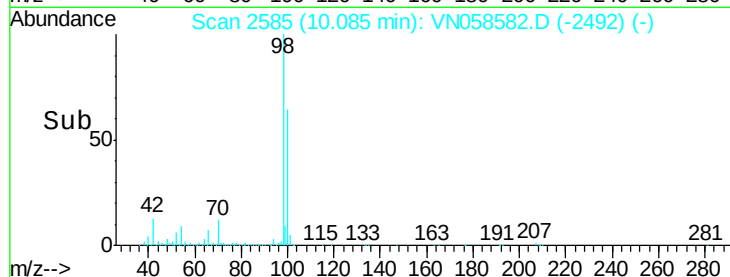
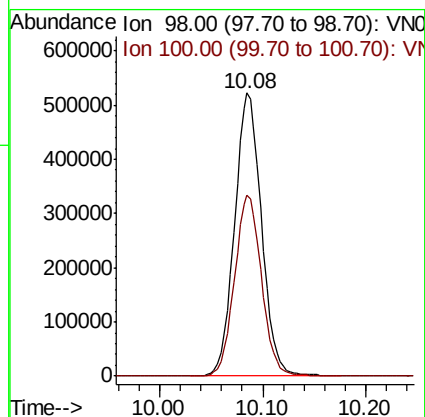
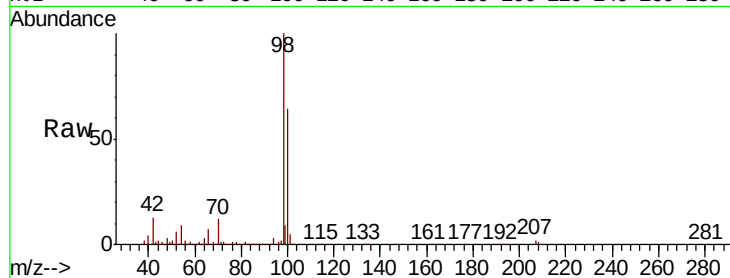
TP-2

Tot Ion: 98 Resp: 949379

Ion Ratio Lower Upper

98 100

100 64.2 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 47.915 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

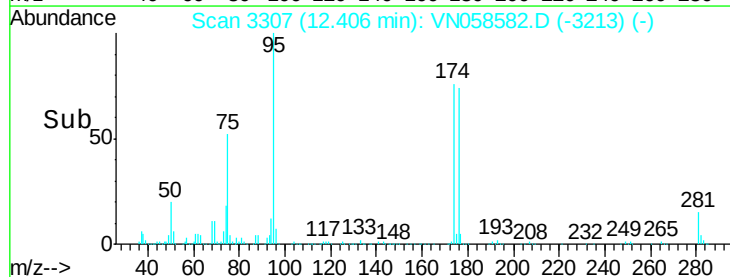
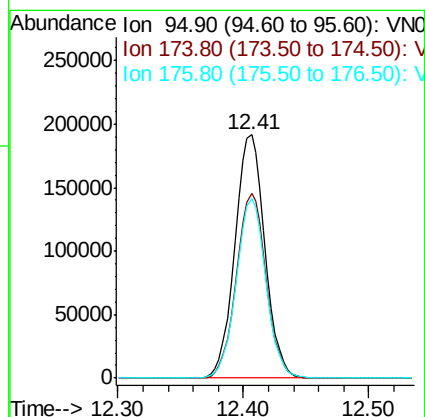
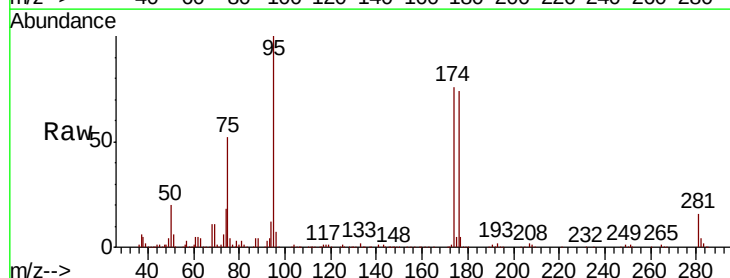
Tgt Ion: 95 Resp: 317675

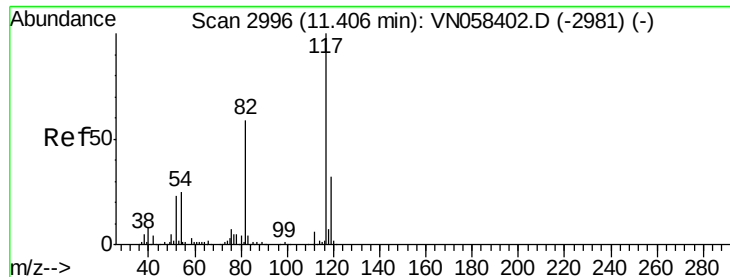
Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.6

176 73.0 0.0 146.2

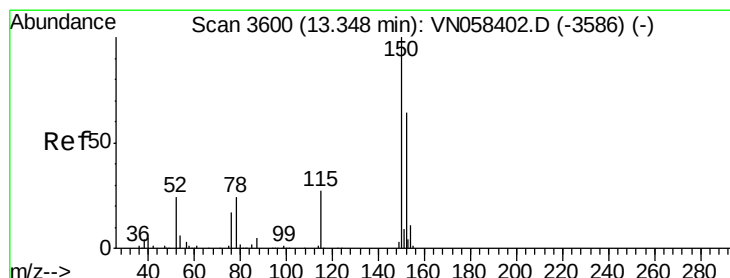
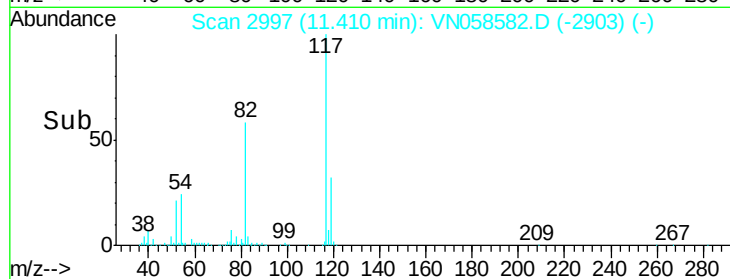
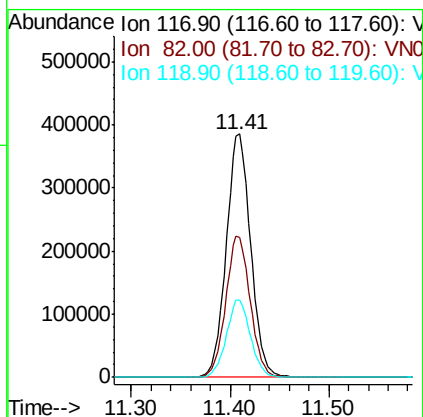
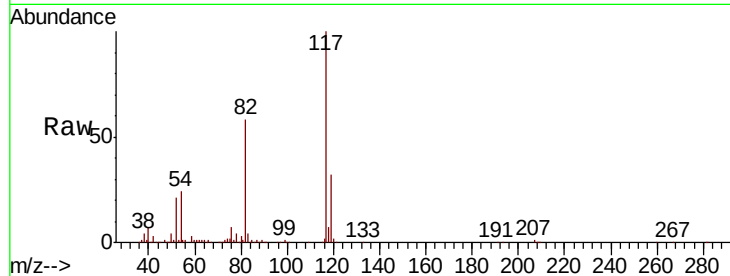




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058582.D
Acq: 7 Oct 2019 21:12

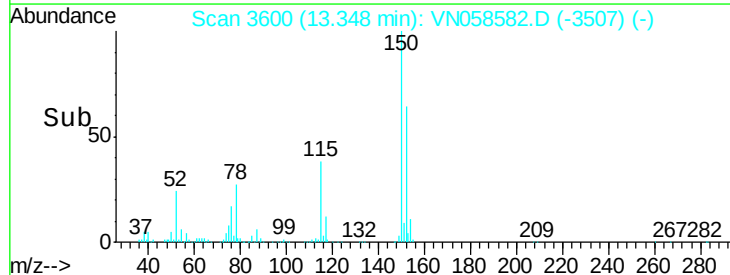
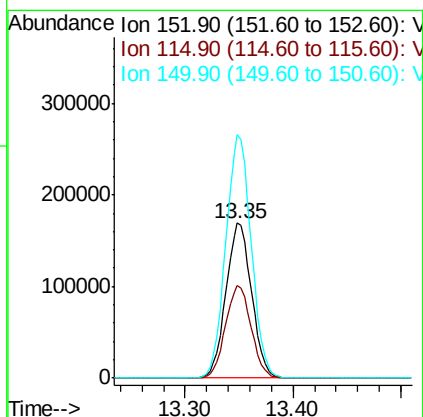
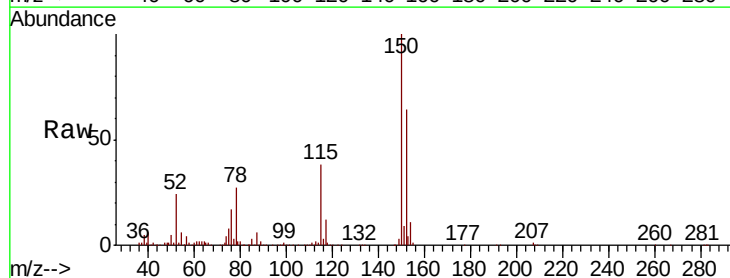
Instrument :
MSVOA_N
ClientSampled :
TP-2

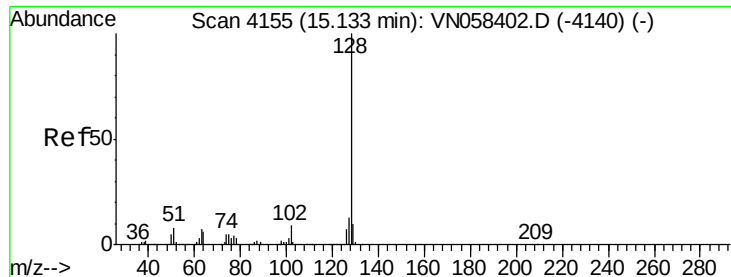
Tot Ion:117 Resp: 669970
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.0
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058582.D
Acq: 7 Oct 2019 21:12

Tgt Ion:152 Resp: 279727
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 156.1 0.0 348.2





#95

Naphthalene

Concen: 12.819 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058582.D

Acq: 7 Oct 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

TP-2

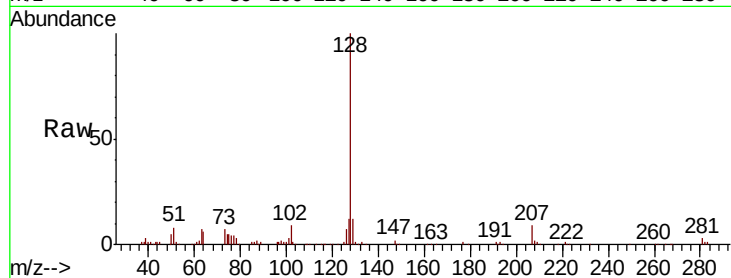
Tot Ion:128 Resp: 175487

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.5 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

