

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057964.D
 Acq On : 12 Sep 2019 12:42
 Operator : JC/SP
 Sample : K4790-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-3

Quant Time: Sep 13 05:17:00 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

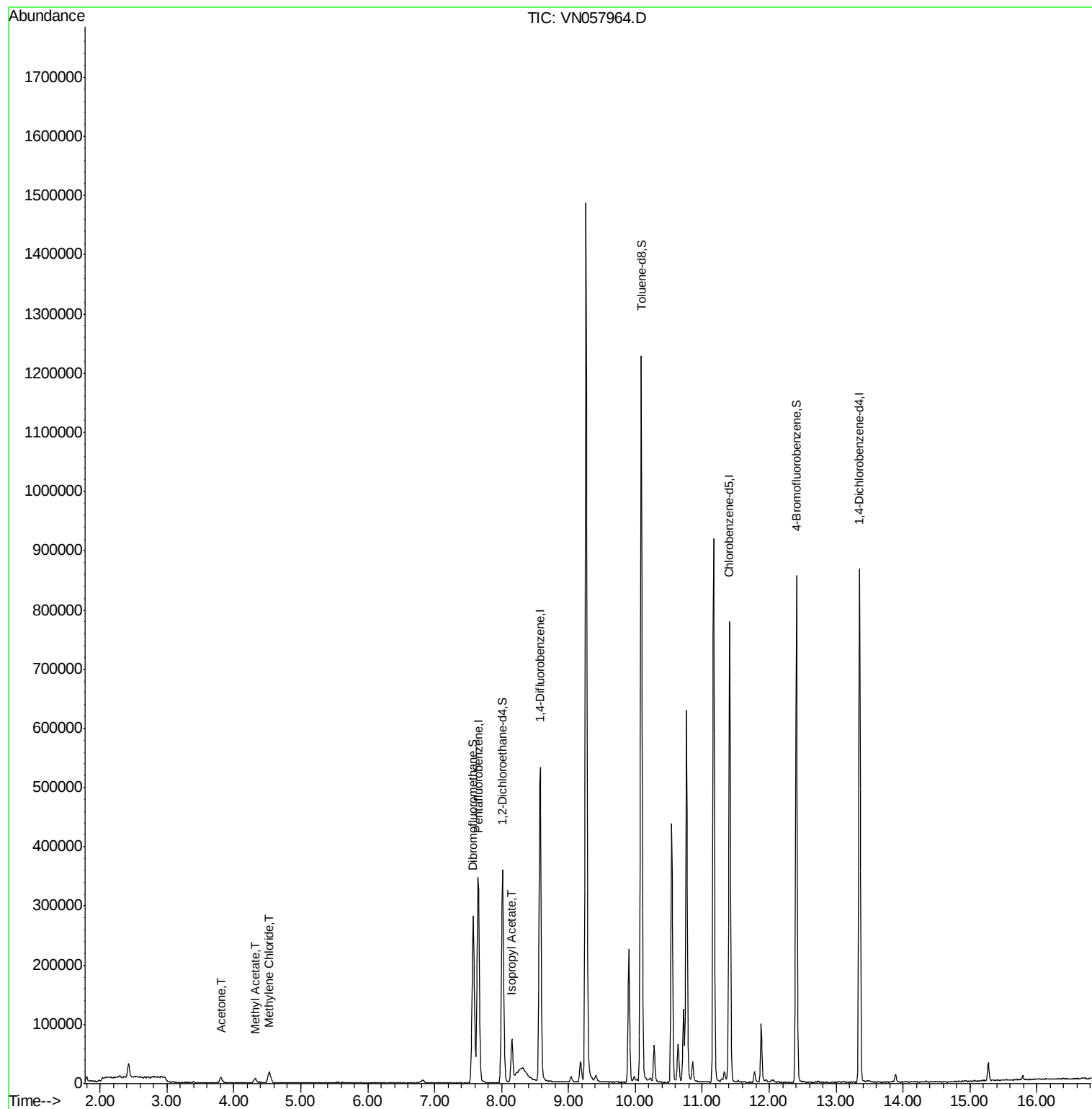
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	270515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	458122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	428680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	308180	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
35) Dibromofluoromethane	7.58	113	209501	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	10.09	98	843286	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.41	95	283087	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
Target Compounds						
16) Acetone	3.80	43	16649	9.269	ug/l	96
18) Methyl Acetate	4.32	43	14031	2.930	ug/l #	89
20) Methylene Chloride	4.53	84	13604	2.817	ug/l	93
43) Isopropyl Acetate	8.16	43	89498	9.695	ug/l #	90

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057964.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

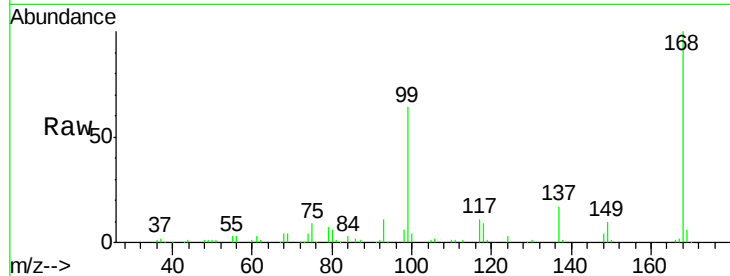
DRUM-3

Tot Ion:168 Resp: 270515

Ion Ratio Lower Upper

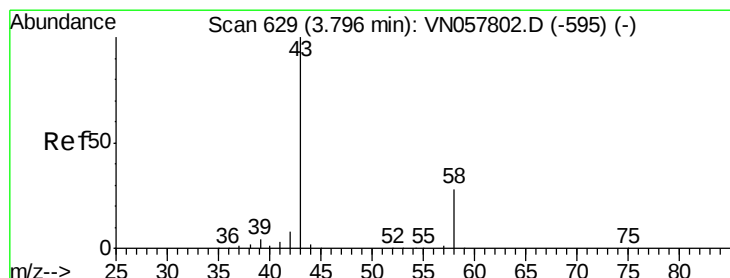
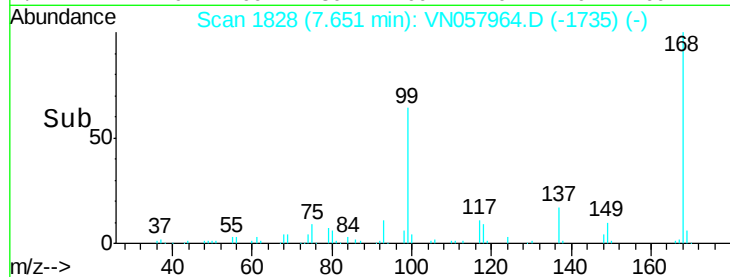
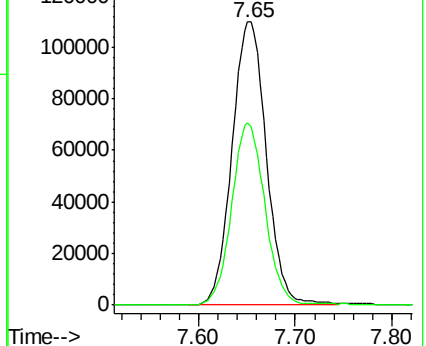
168 100

99 64.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.269 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057964.D

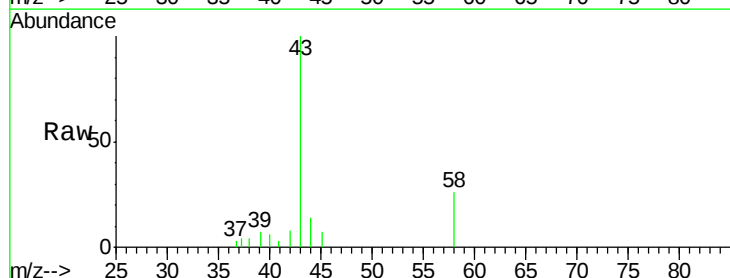
Acq: 12 Sep 2019 12:42

Tgt Ion: 43 Resp: 16649

Ion Ratio Lower Upper

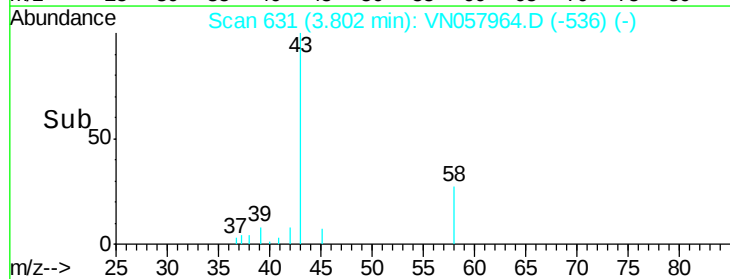
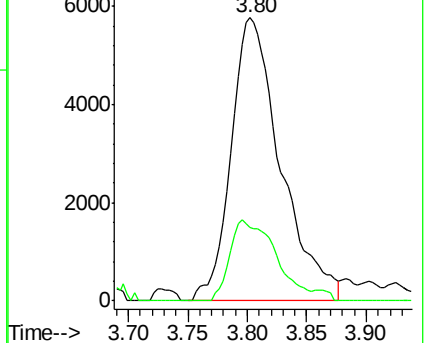
43 100

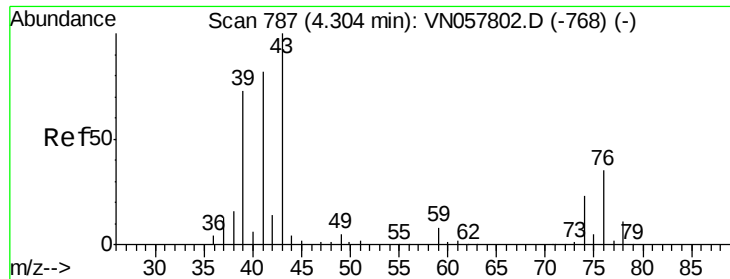
58 25.7 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

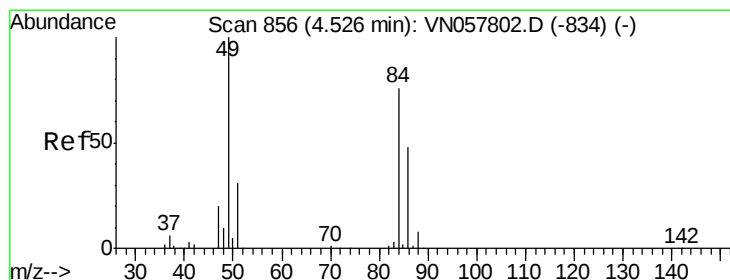
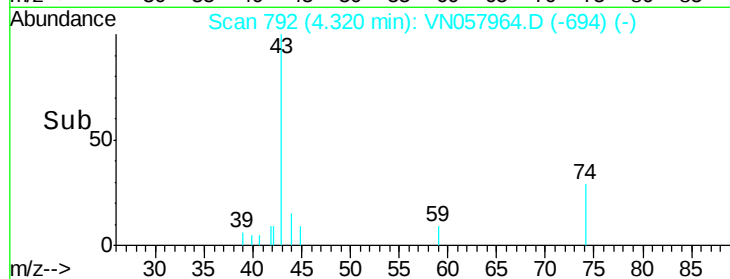
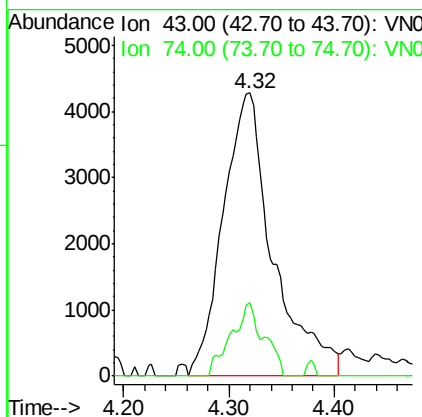
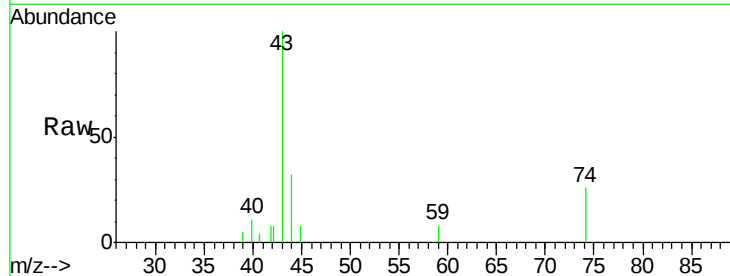




#18
Methyl Acetate
Concen: 2.930 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.02 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

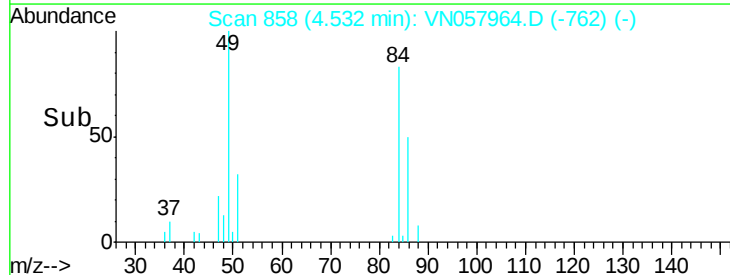
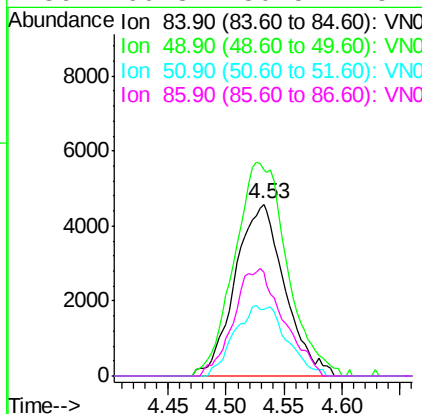
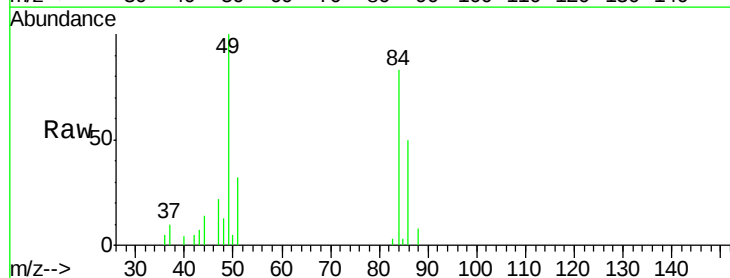
Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

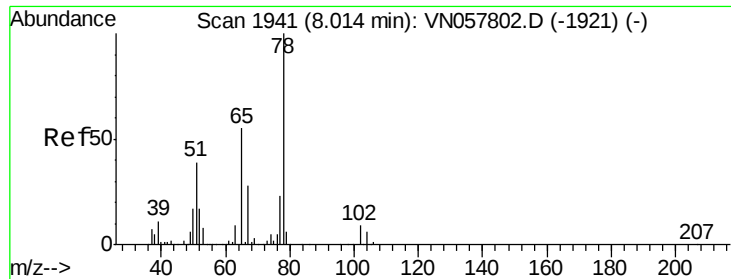
Tot Ion: 43 Resp: 14031
Ion Ratio Lower Upper
43 100
74 17.0 17.9 26.9#



#20
Methylene Chloride
Concen: 2.817 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 84 Resp: 13604
Ion Ratio Lower Upper
84 100
49 120.0 104.8 157.2
51 38.6 33.0 49.4
86 60.3 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 56.247 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057964.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_N

ClientSampled :

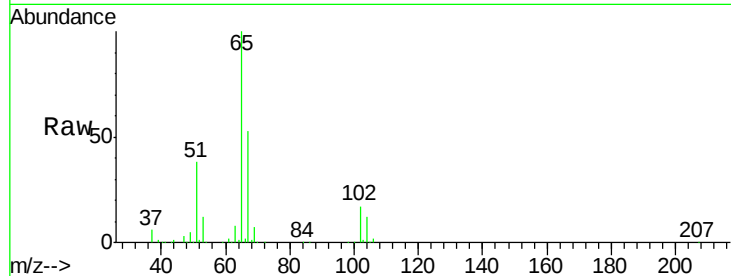
DRUM-3

Tot Ion: 65 Resp: 308180

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057802.D (-1921) (-)

8.01

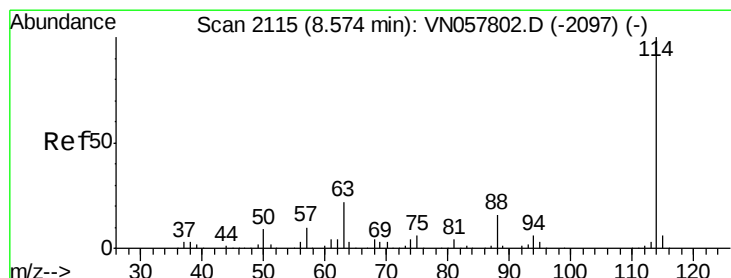
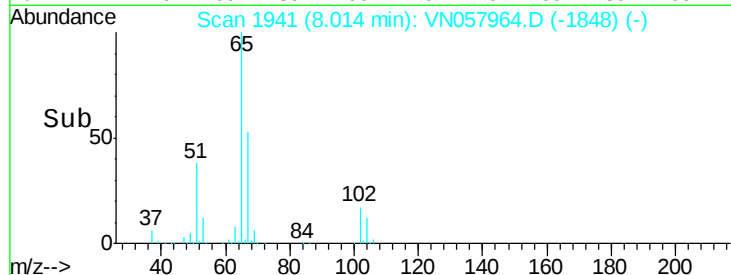
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057964.D

Acq: 12 Sep 2019 12:42

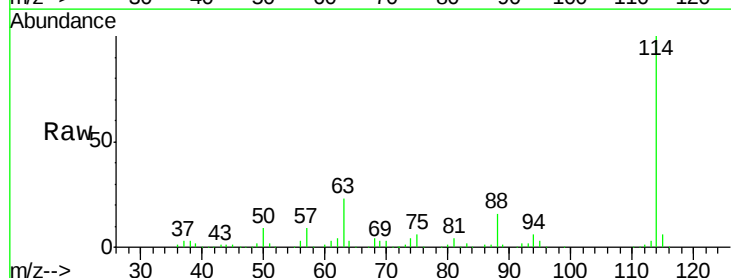
Tgt Ion: 114 Resp: 458122

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.0

88 16.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057802.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057802.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057802.D (-2097) (-)

8.58

300000

250000

200000

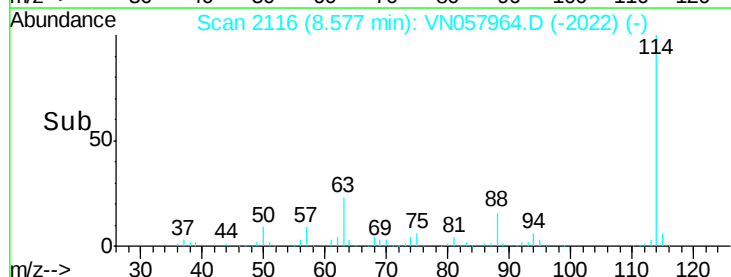
150000

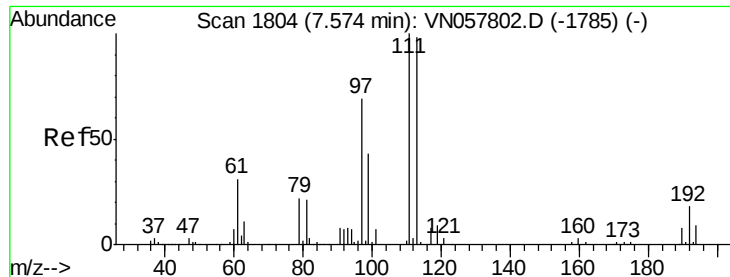
100000

50000

0

Time--> 8.50 8.60 8.70

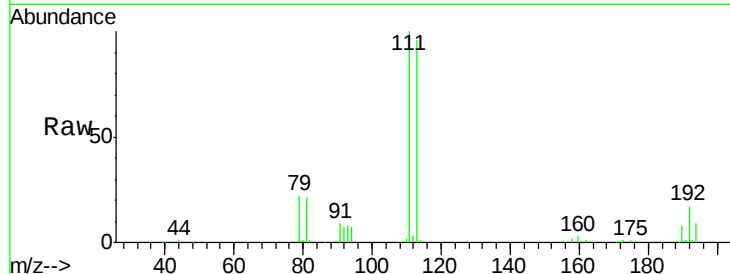




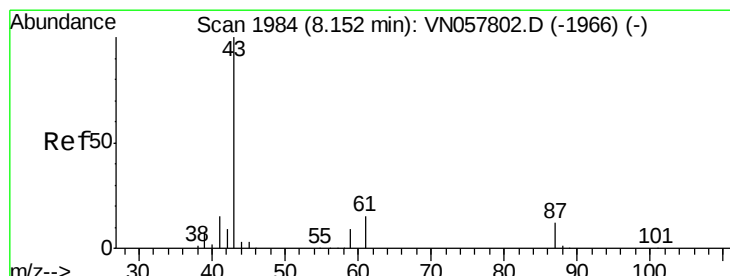
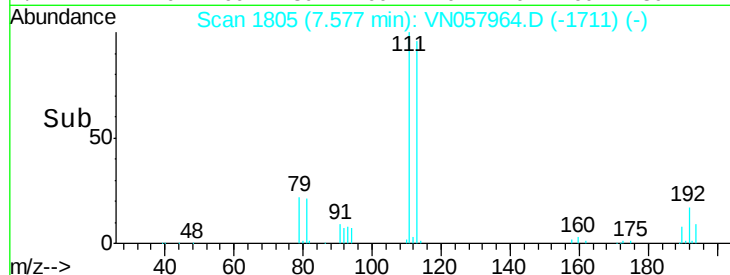
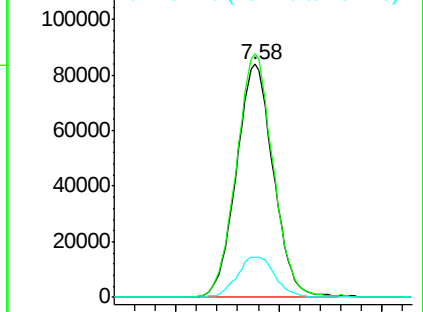
#35
 Dibromofluoromethane
 Concen: 49.548 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057964.D
 Acq: 12 Sep 2019 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-3

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	18.0	14.6	22.0

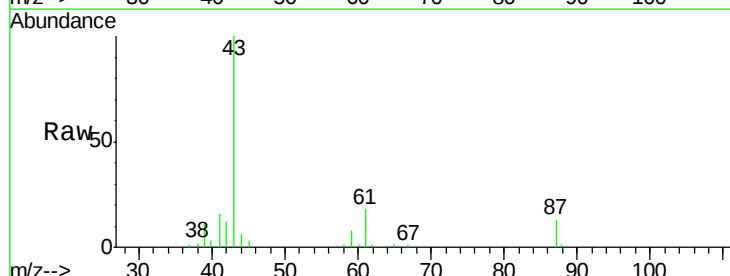


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

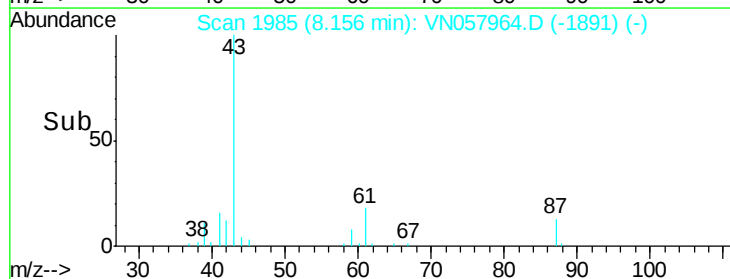
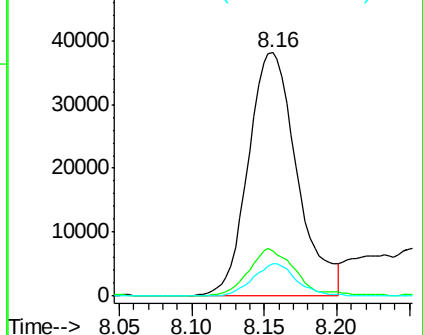


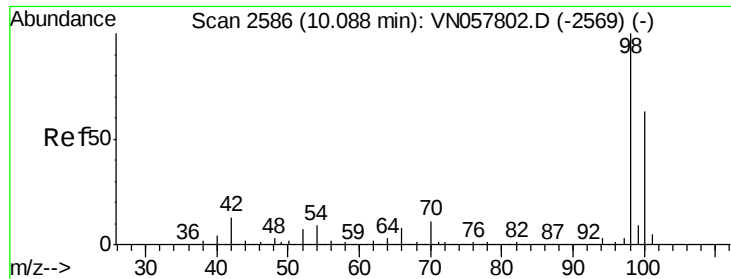
#43
 Isopropyl Acetate
 Concen: 9.695 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057964.D
 Acq: 12 Sep 2019 12:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.9	20.1	30.1#
87	11.9	9.5	14.3



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO

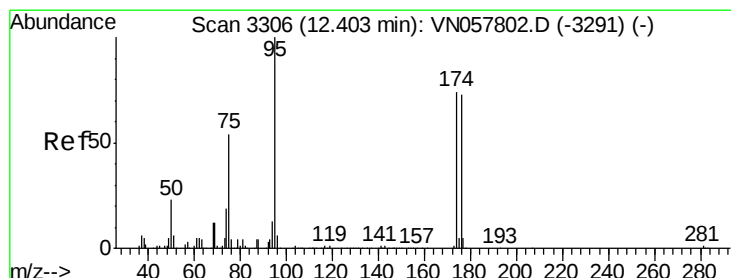
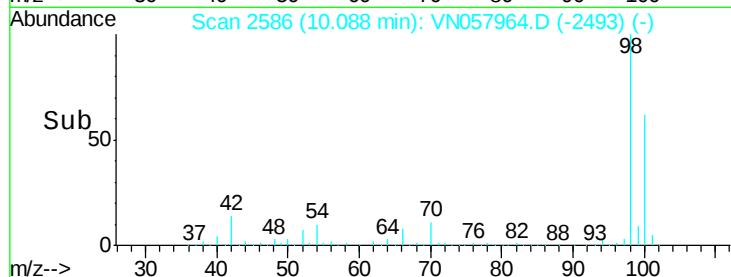
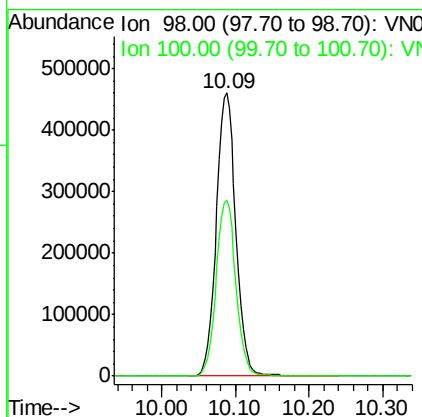
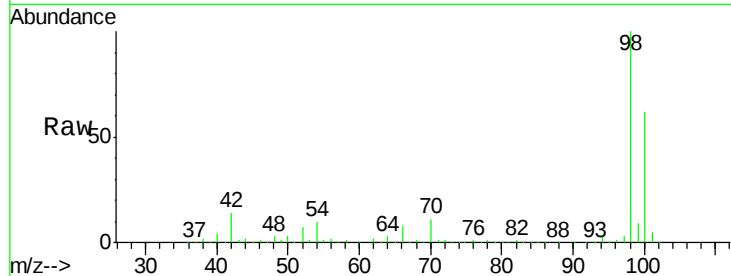




#50
Toluene-d8
Concen: 51.368 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

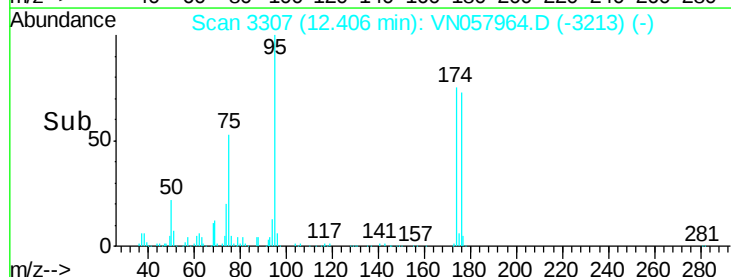
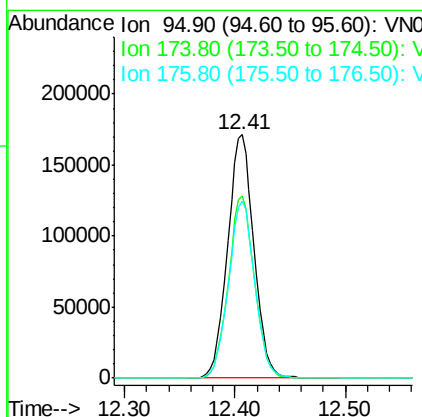
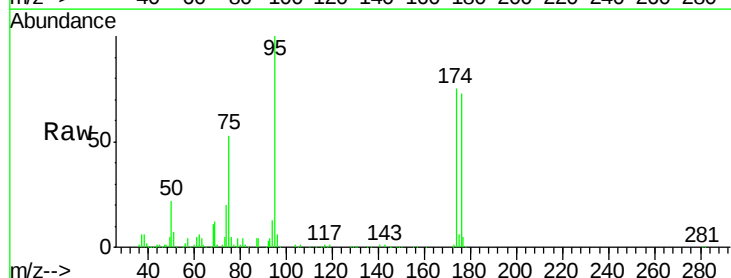
Instrument :
MSVOA_N
ClientSampled :
DRUM-3

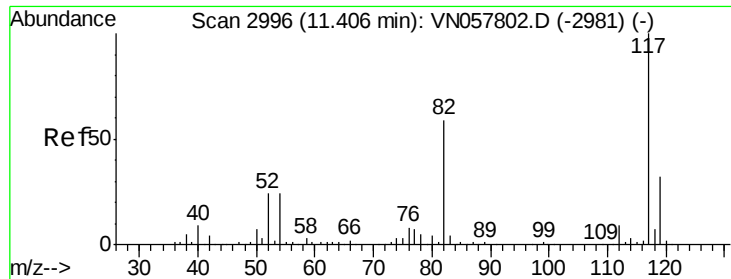
Tot Ion: 98 Resp: 843286
Ion Ratio Lower Upper
98 100
100 62.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.250 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 95 Resp: 283087
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.2
176 72.3 0.0 146.0

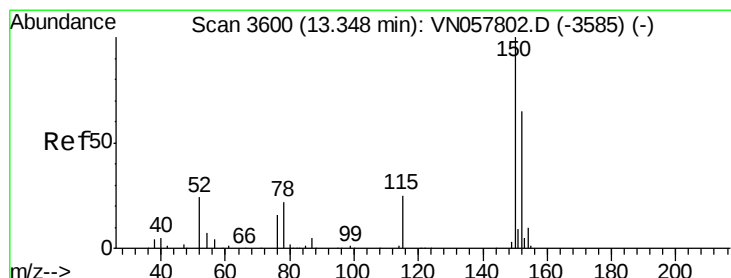
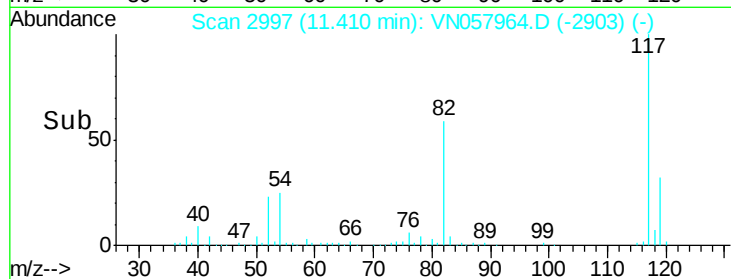
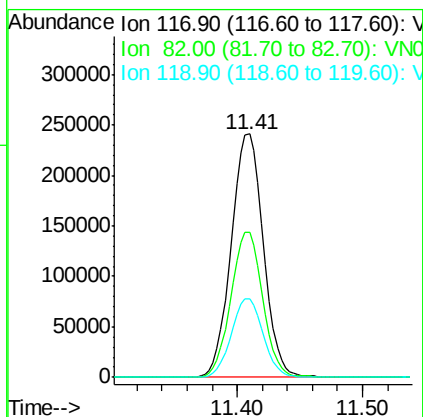
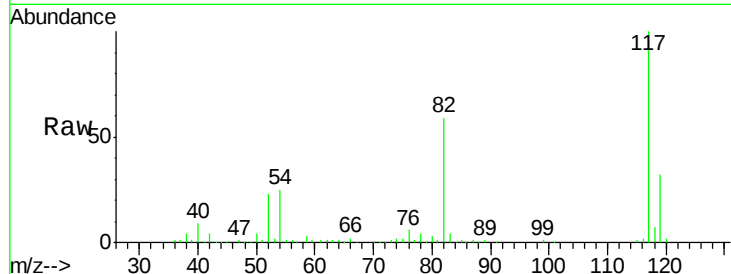




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tot Ion:117 Resp: 428680
Ion Ratio Lower Upper
117 100
82 59.3 47.2 70.8
119 32.1 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: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion:152 Resp: 216688
Ion Ratio Lower Upper
152 100
115 60.8 30.3 91.0
150 160.4 0.0 352.4

