

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051945.D
 Acq On : 19 Oct 2018 14:00
 Operator : MD\SY
 Sample : PB113937ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#06

Manual Integrations
 APPROVED

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 10/22/2018 11:35:37 AM

Quant Time: Oct 20 00:00:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	950545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1393747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1210059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	519436	58.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.90%	
35) Dibromofluoromethane	7.59	113	513738	57.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.98%	
50) Toluene-d8	10.09	98	1900079	58.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.86%	
62) 4-Bromofluorobenzene	12.40	95	513728	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
Target Compounds						
16) Acetone	3.82	43	11038	7.074	ug/l	96
20) Methylene Chloride	4.55	84	10710m	1.350	ug/l	
43) Isopropyl Acetate	8.17	43	310207	31.067	ug/l #	85

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

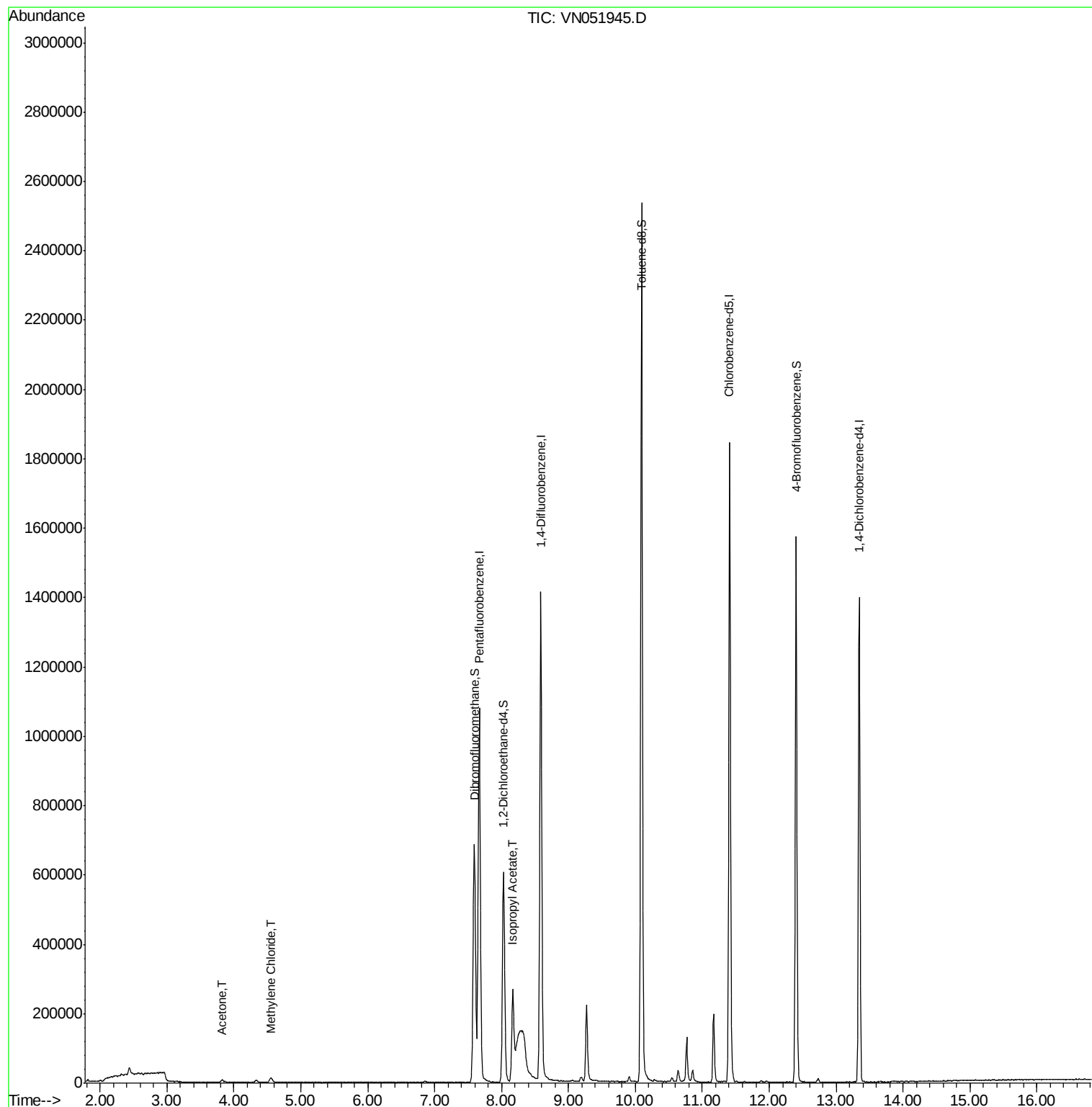
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101918\
Data File : VN051945.D
Acq On : 19 Oct 2018 14:00
Operator : MD\SY
Sample : PB113937ZHE#06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 28

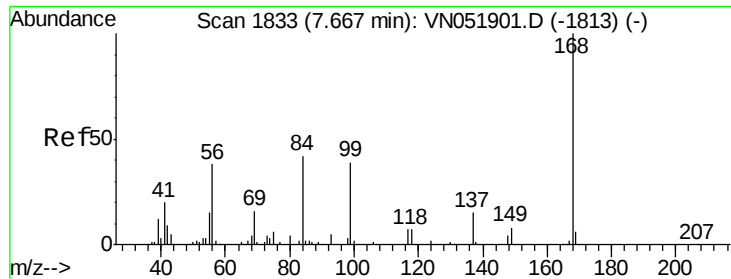
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#06

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Quant Time: Oct 20 00:00:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
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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: VN051945.D

Acq: 19 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#06

Tot Ion:168 Resp: 950545

Ion Ratio Lower Upper

168 100

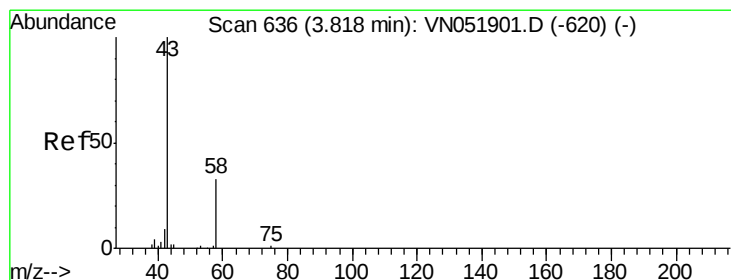
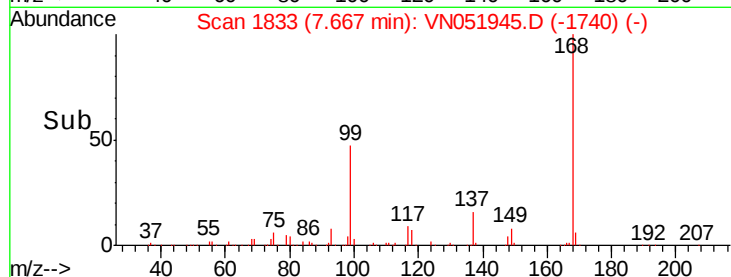
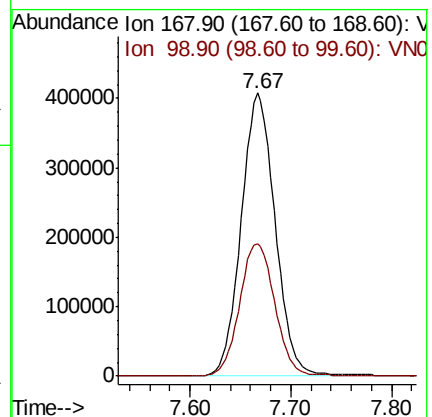
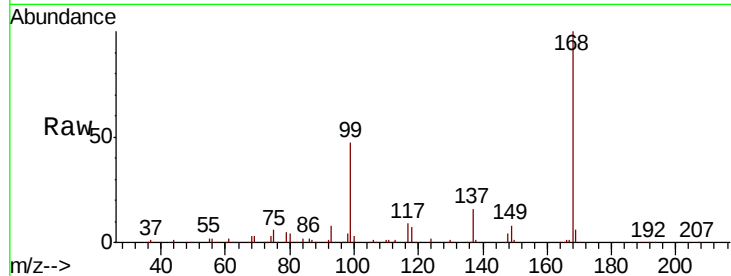
99 46.9 39.2 58.8

Manual Integrations

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#16

Acetone

Concen: 7.074 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051945.D

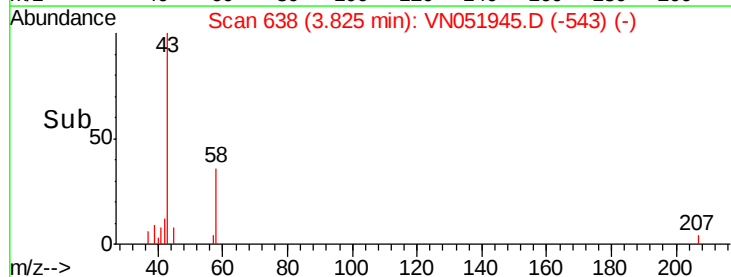
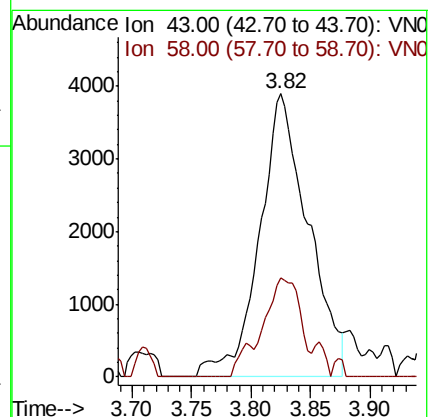
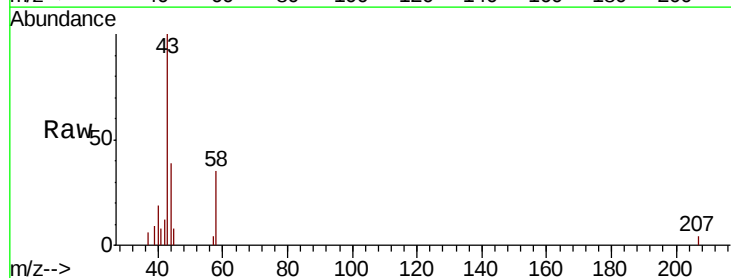
Acq: 19 Oct 2018 14:00

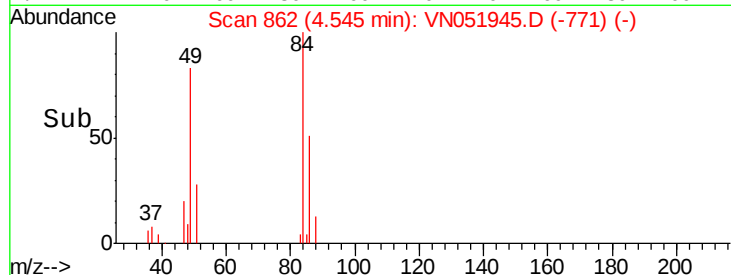
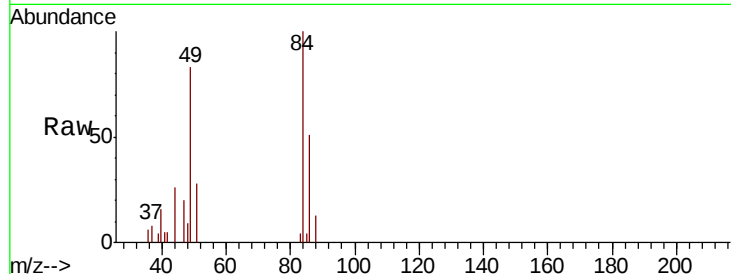
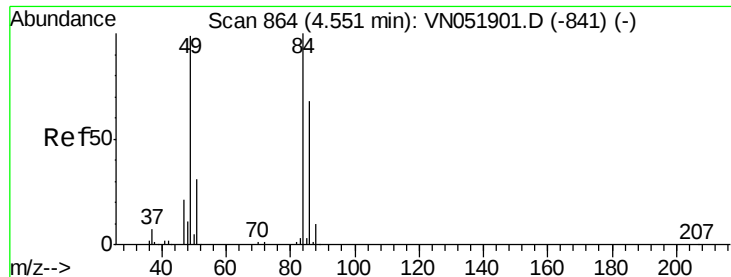
Tgt Ion: 43 Resp: 11038

Ion Ratio Lower Upper

43 100

58 34.8 25.9 38.9





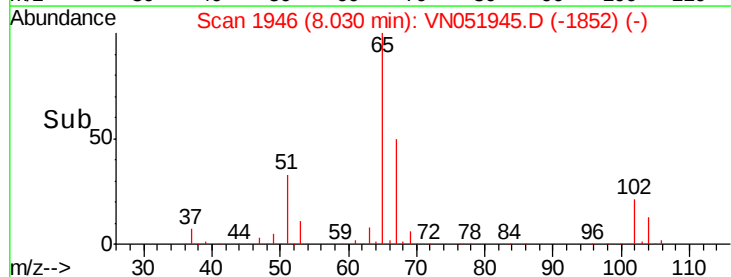
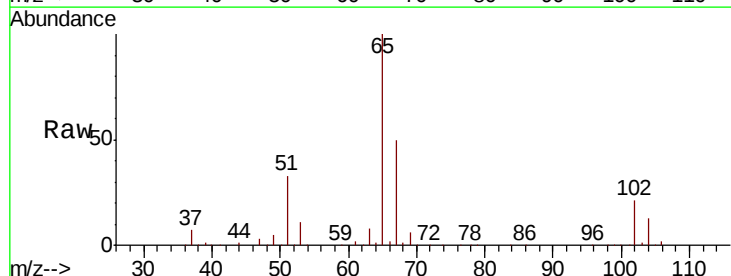
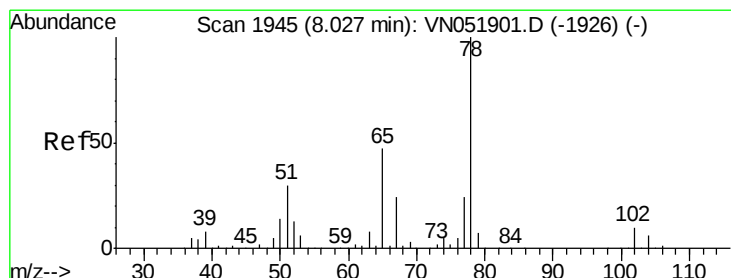
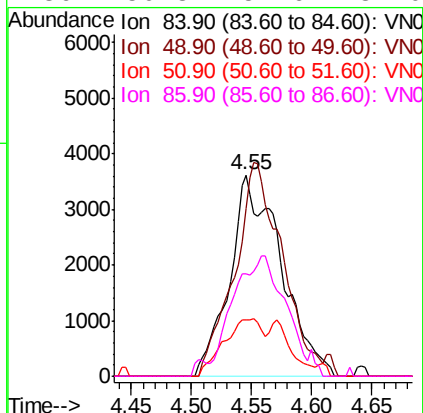
#20
Methvlene Chloride
Concen: 1.350 ug/l m
RT: 4.55 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tot Ion	84	49	51	86
Ion	100	83.4	28.1	50.8
Ratio				
Lower		79.0	24.9	54.6
Upper		118.4	37.3	82.0

Instrument :
MSVOA_N
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PB113937ZHE#06

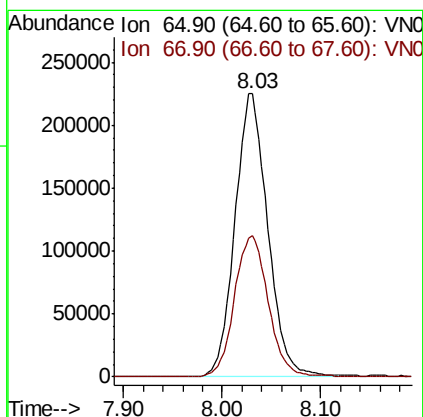
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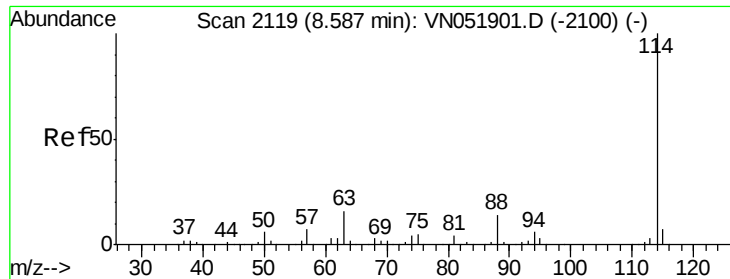
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#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion	65	67
Ion	100	51.2
Ratio		
Lower		0.0
Upper		104.0





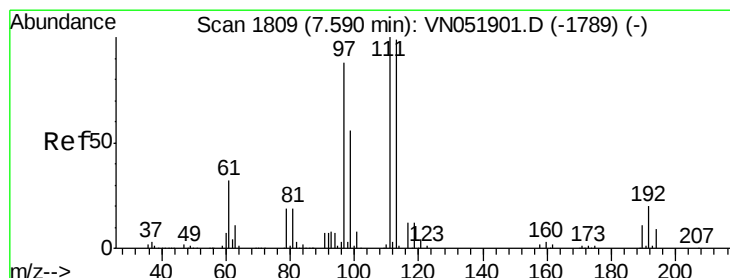
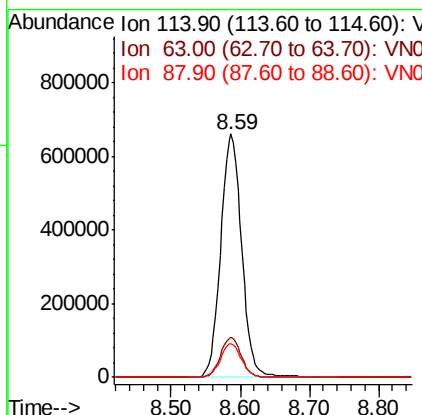
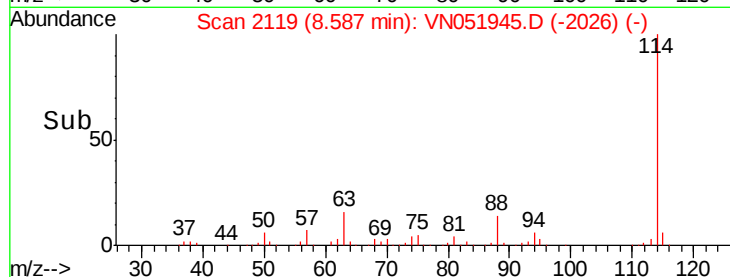
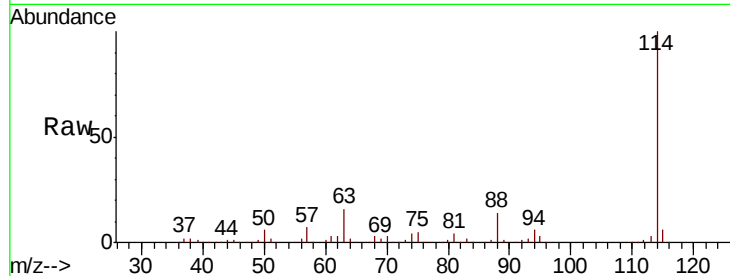
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051945.D
 Acq: 19 Oct 2018 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#06

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	31.8
88	13.8	0.0	28.0

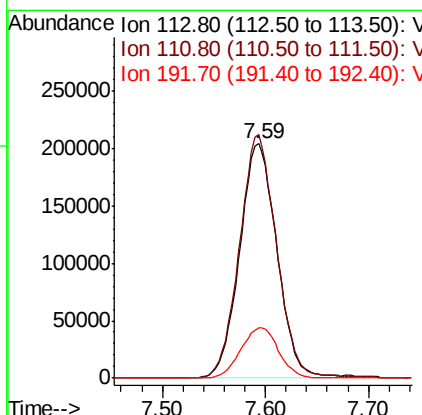
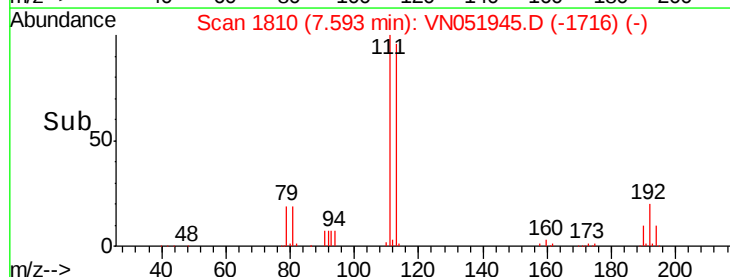
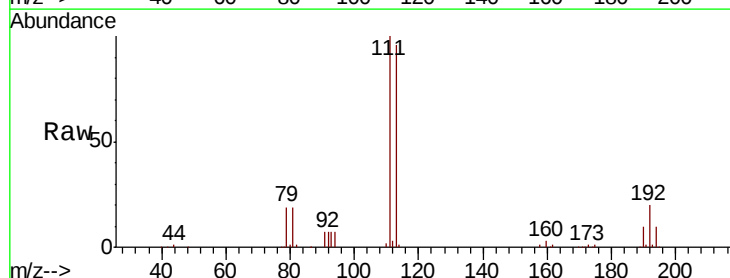
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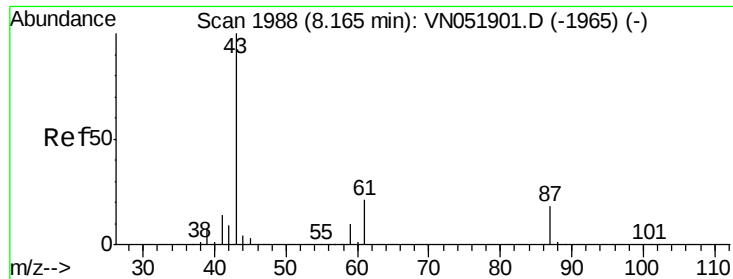
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051945.D
 Acq: 19 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	21.8	17.3	25.9





#43

Isopropyl Acetate

Concen: 31.067 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051945.D

Acq: 19 Oct 2018 14:00

Instrument :

MSVOA_N

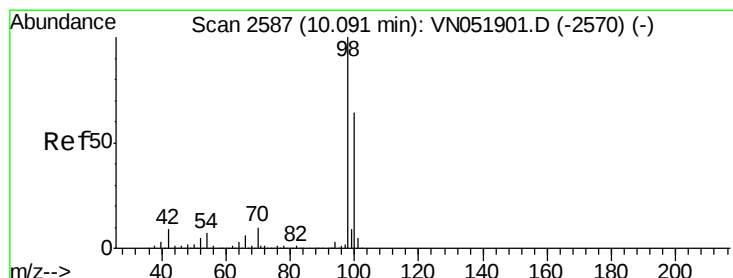
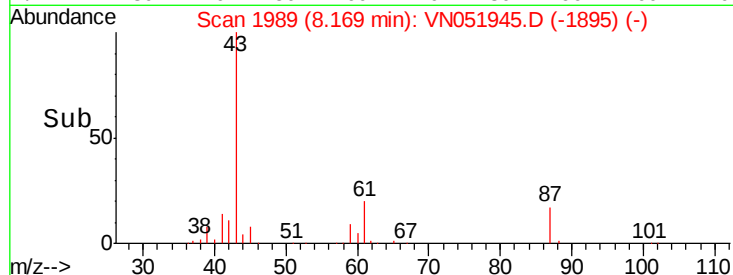
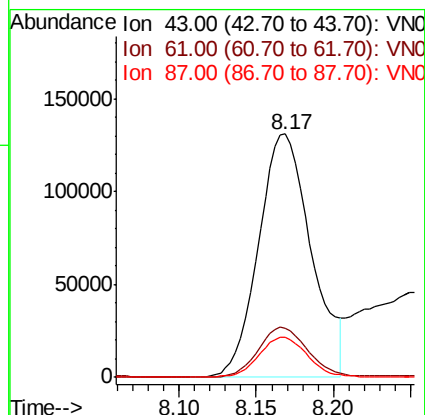
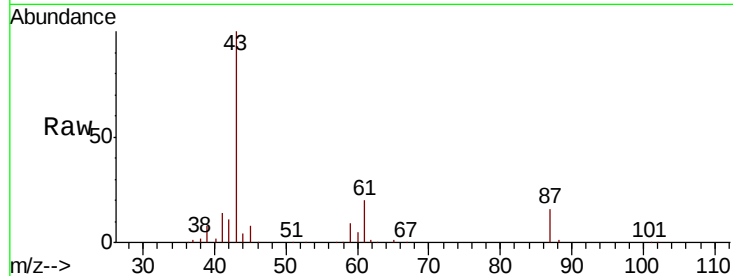
ClientSampleId :

PB113937ZHE#06

Tot Ion:	43	Resp:	310207
Ion	Ratio	Lower	Upper
43	100		
61	19.7	24.9	37.3#
87	15.6	14.6	22.0

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#50

Toluene-d8

Concen: N.D. ug/l

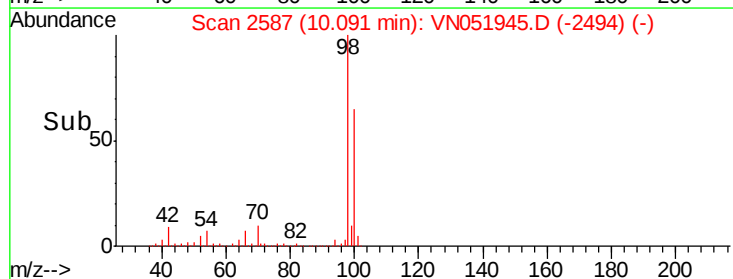
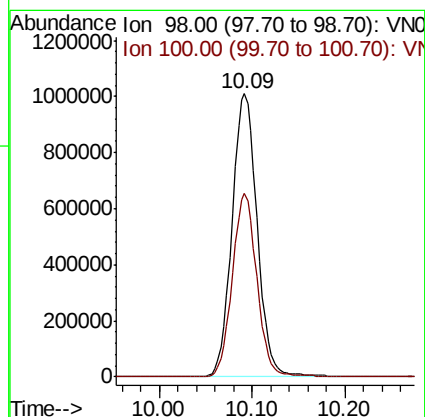
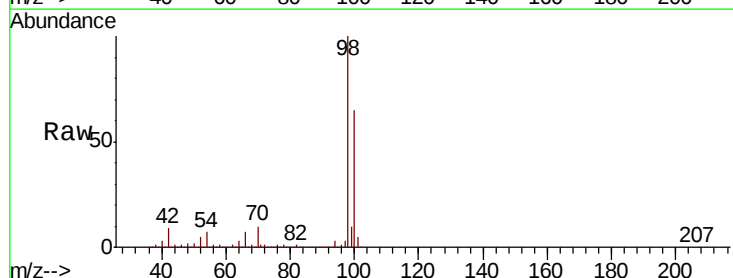
RT: 10.09 min Scan# 2587

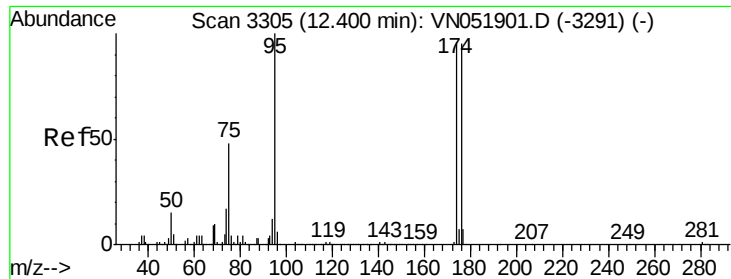
Delta R.T. 0.00 min

Lab File: VN051945.D

Acq: 19 Oct 2018 14:00

Tgt Ion:	98	Resp:	1900079
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.0	76.4





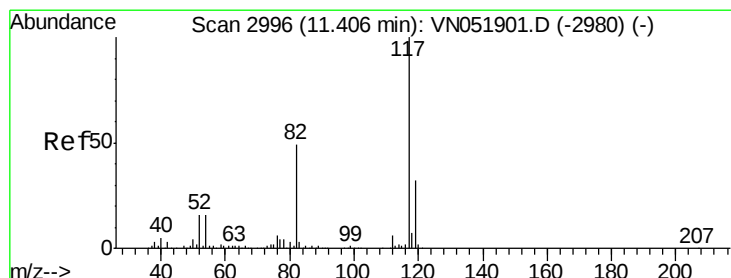
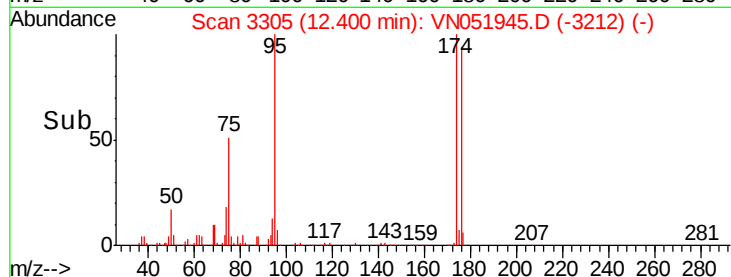
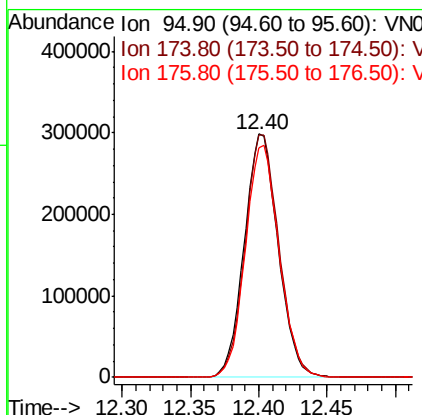
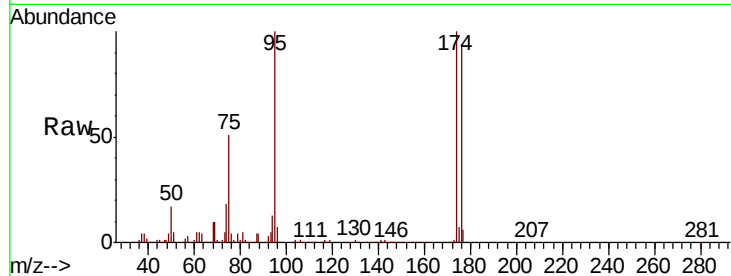
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#06

Tot Ion	Ratio	Resp	Lower	Upper
95	100			
174	100.1	0.0	195.0	
176	95.2	0.0	191.4	

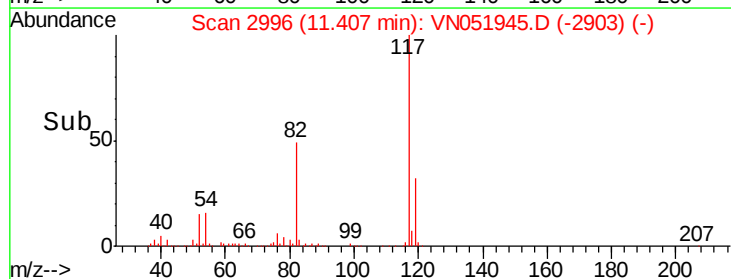
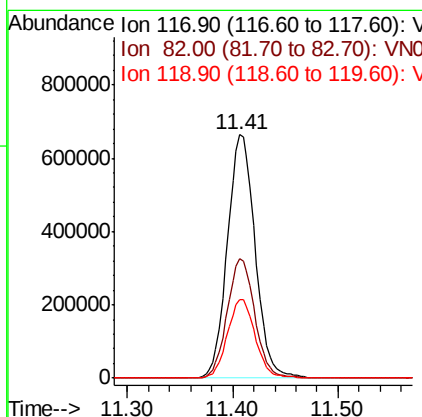
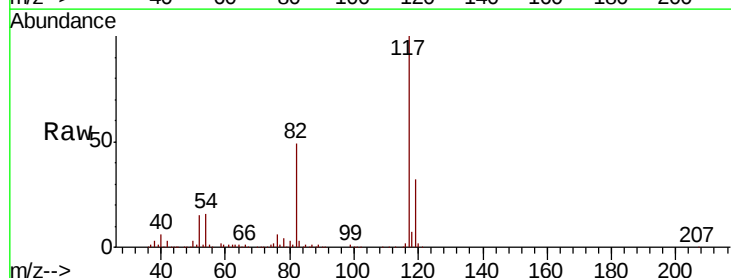
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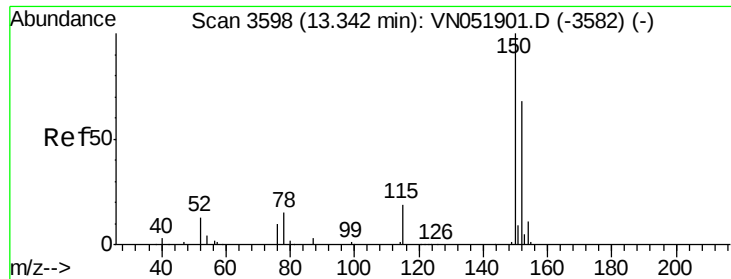
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
82	48.9	38.9	58.3	
119	32.1	25.9	38.9	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051945.D

Acq: 19 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#06

Tot Ion:152 Resp: 411208

Ion Ratio Lower Upper

152 100

115 54.6 26.7 80.1

150 156.9 0.0 346.4

Manual Integrations

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10/22/2018 11:35:37 AM

