

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121919\
 Data File : VN059669.D
 Acq On : 19 Dec 2019 14:19
 Operator : JC/SP
 Sample : PB125597TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125597TB

Manual Integrations
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Quant Time: Dec 20 03:25:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	241692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	390414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	358908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135736	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	174099	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	7.57	113	120219	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	10.08	98	498526	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.40	95	164747	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
Target Compounds						
20) Methylene Chloride	4.52	84	4007m	1.329	ug/l	Qvalue
43) Isopropyl Acetate	8.14	43	70322	9.558	ug/l #	91

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

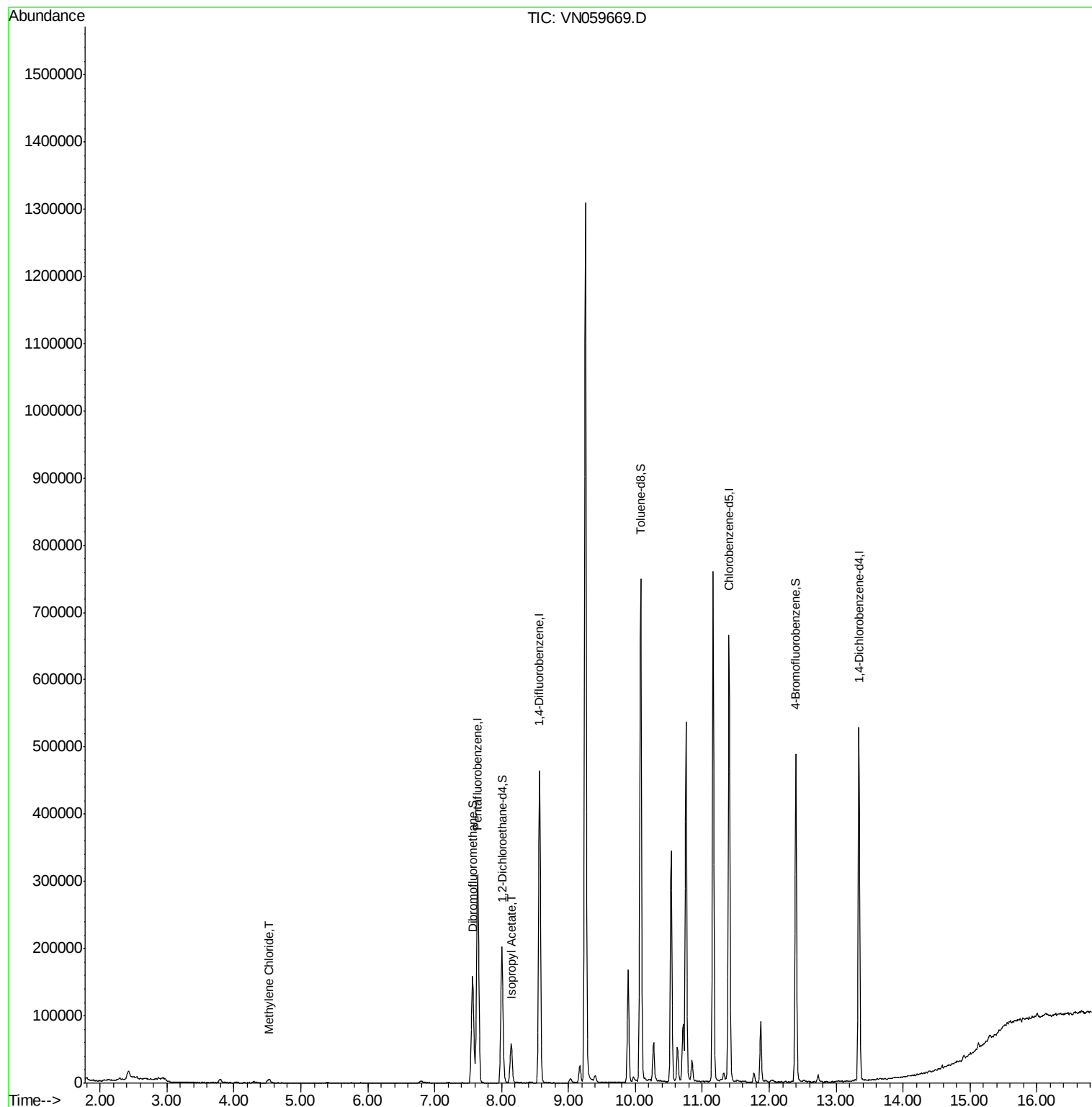
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Data File : VN059669.D
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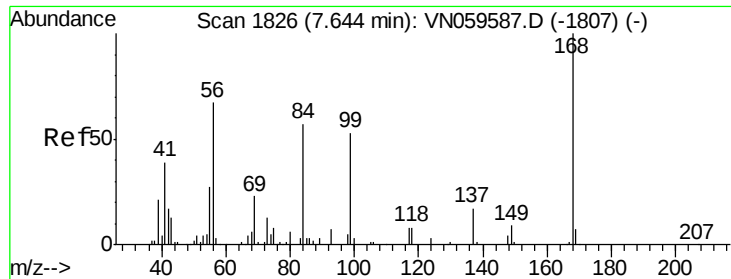
Instrument :
MSVOA_N
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PB125597TB

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Quant Time: Dec 20 03:25:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059669.D

Acq: 19 Dec 2019 14:19

Instrument :

MSVOA_N

ClientSampleID :

PB125597TB

Tot Ion:168 Resp: 241692

Ion Ratio Lower Upper

168 100

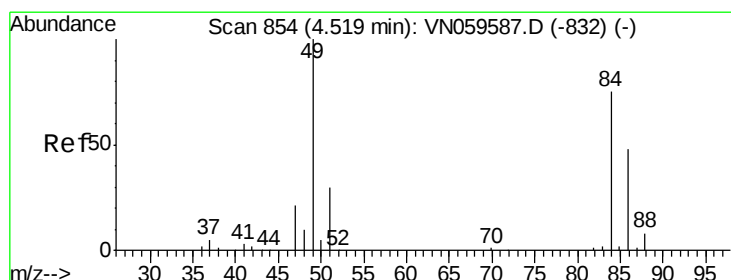
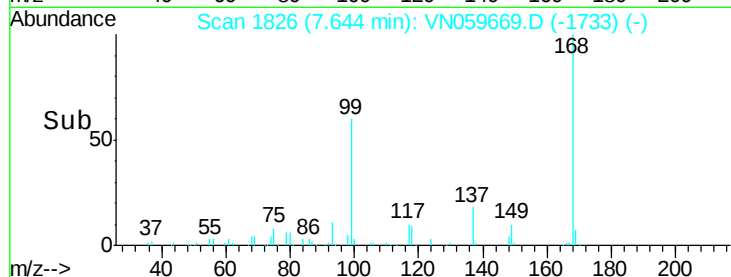
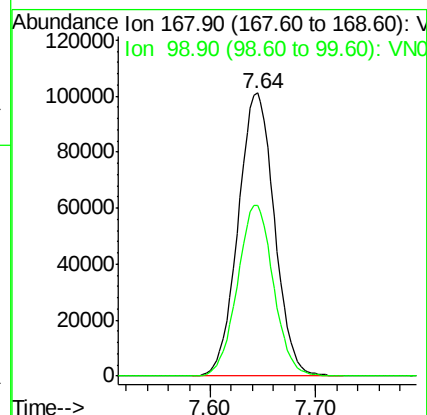
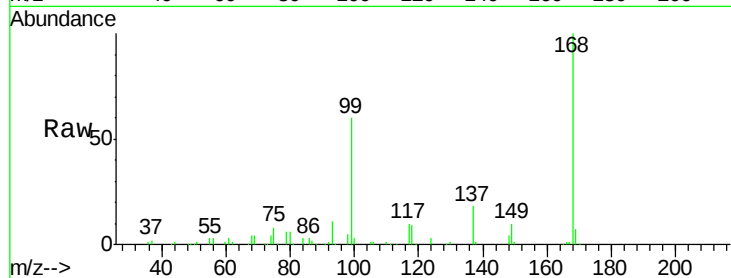
99 60.2 48.2 72.4

Manual Integrations

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#20

Methylene Chloride

Concen: 1.329 ug/l m

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059669.D

Acq: 19 Dec 2019 14:19

Tgt Ion: 84 Resp: 4007

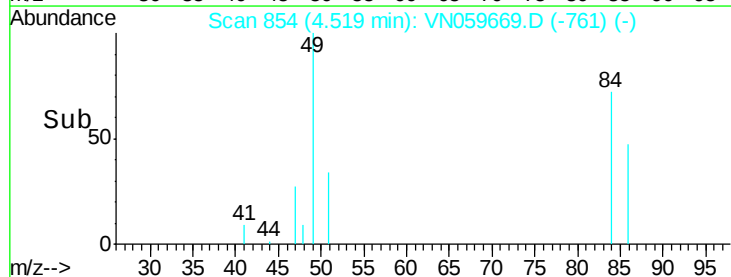
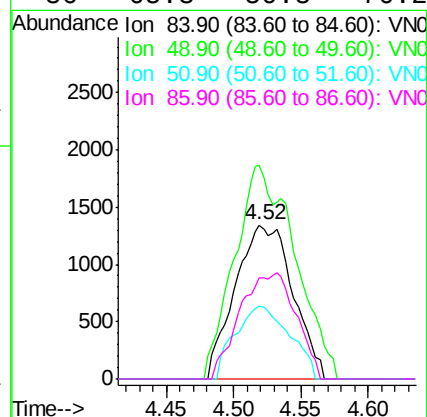
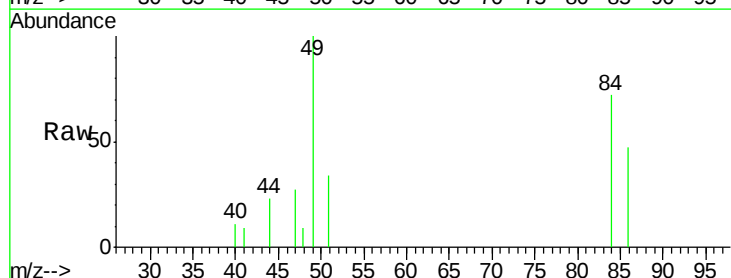
Ion Ratio Lower Upper

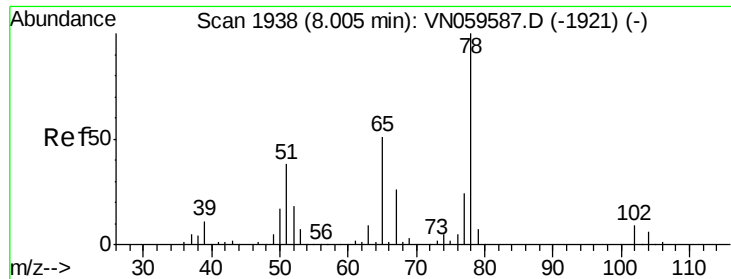
84 100

49 138.7 106.6 160.0

51 47.0 31.9 47.9

86 65.3 50.8 76.2





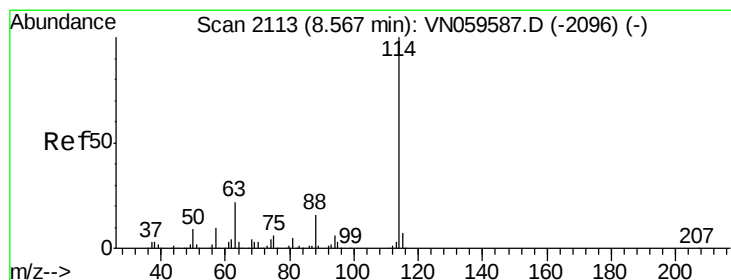
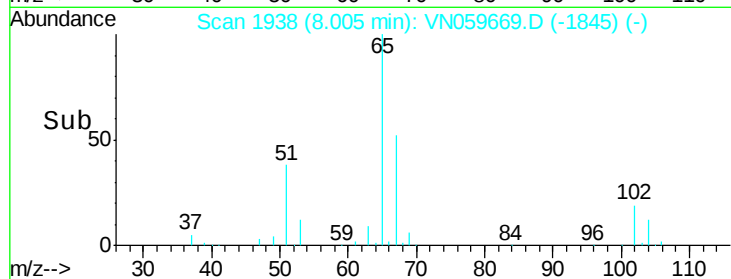
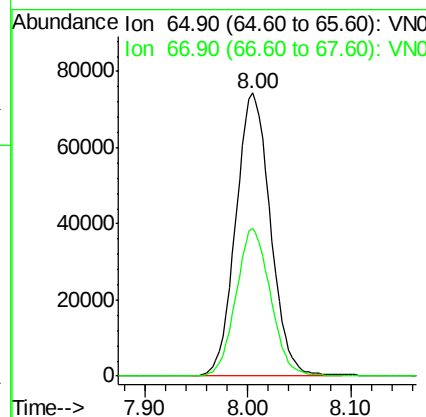
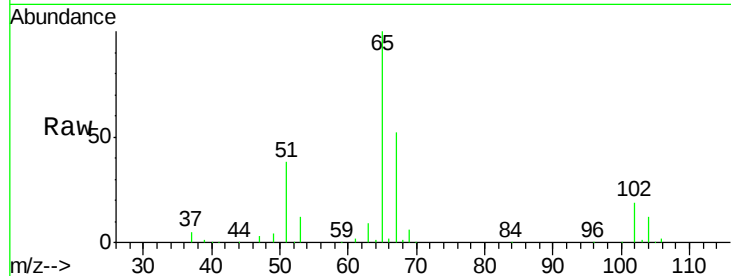
#33
 1,2-Dichloroethane-d4
 Concen: 49.502 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059669.D
 Acq: 19 Dec 2019 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125597TB

Tot Ion: 65 Resp: 174099
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0

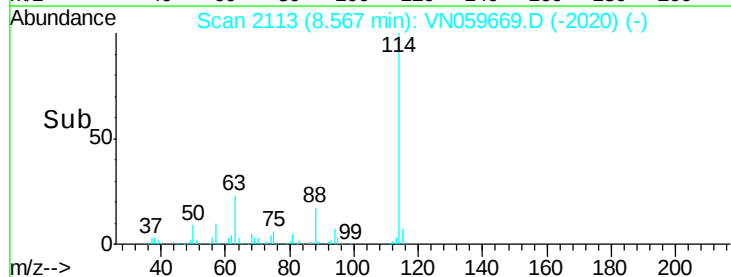
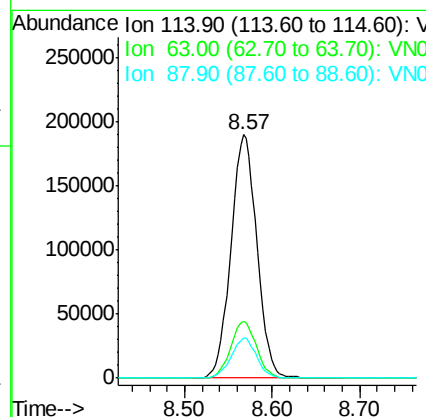
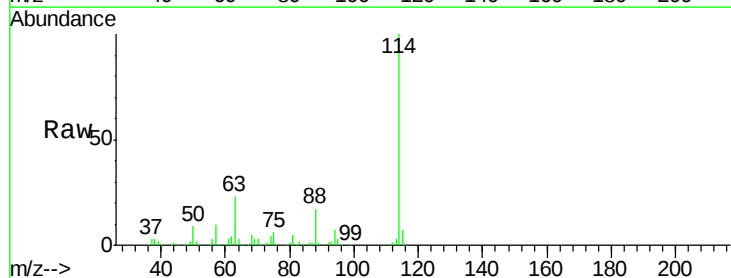
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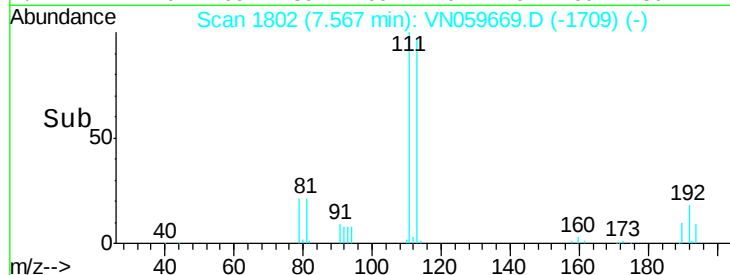
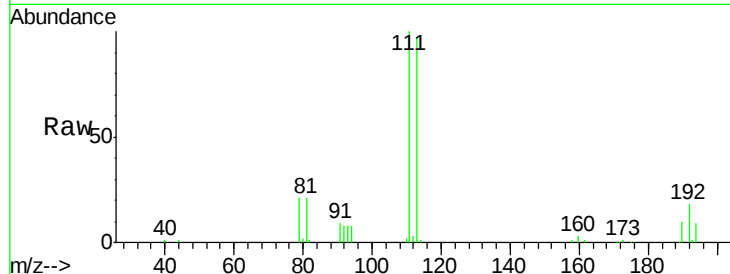
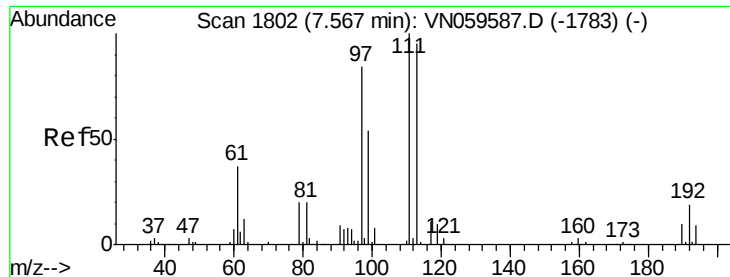
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059669.D
 Acq: 19 Dec 2019 14:19

Tgt Ion: 114 Resp: 390414
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 43.6
 88 16.7 0.0 31.4





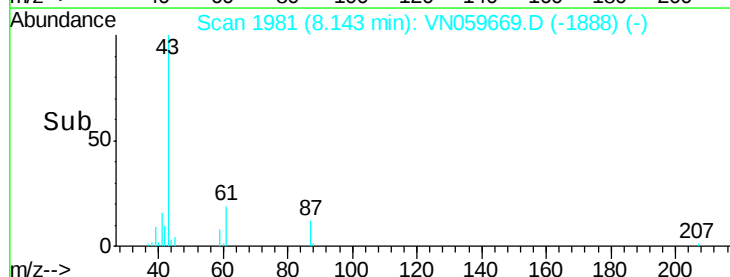
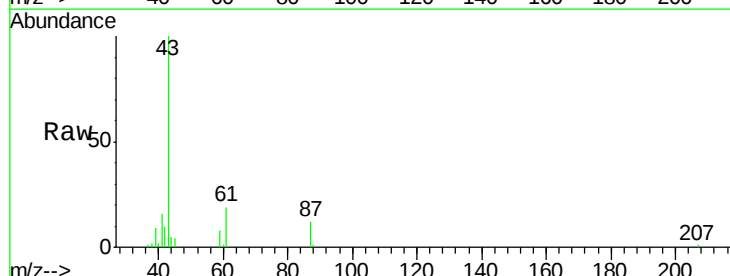
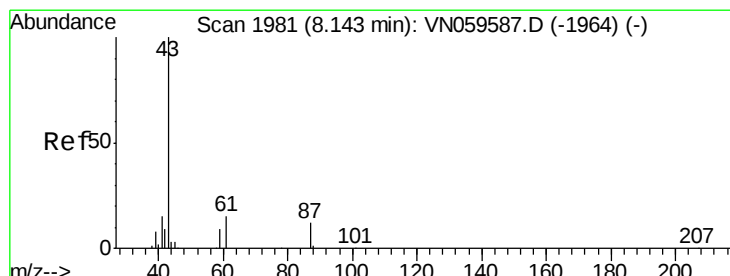
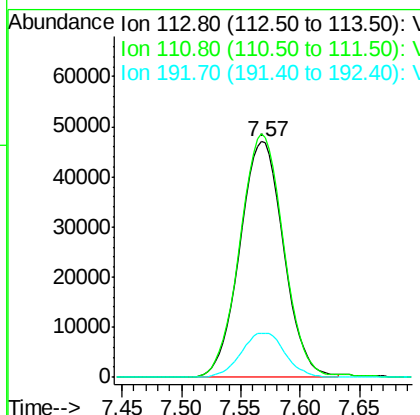
#35
Dibromofluoromethane
Concen: 49.214 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059669.D
Acq: 19 Dec 2019 14:19

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120219		
111	103.5	83.5	125.3	
192	18.8	15.4	23.2	

Instrument :
MSVOA_N
ClientSampleId :
PB125597TB

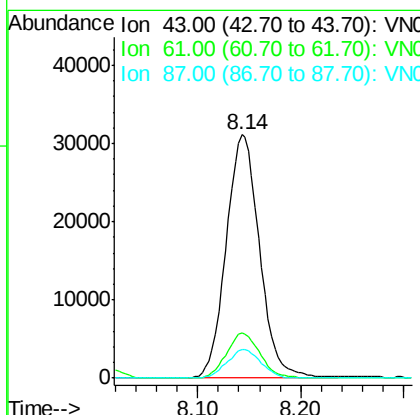
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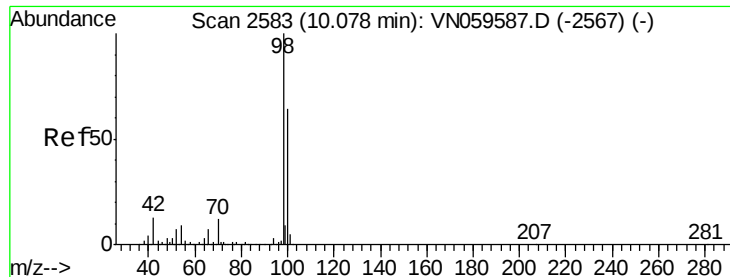
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#43
Isopropyl Acetate
Concen: 9.558 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059669.D
Acq: 19 Dec 2019 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	70322		
61	18.4	20.2	30.2#	
87	11.9	9.5	14.3	





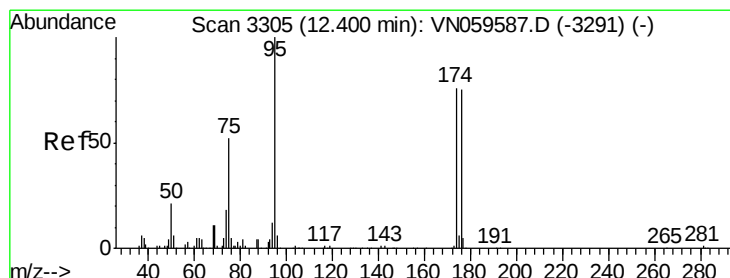
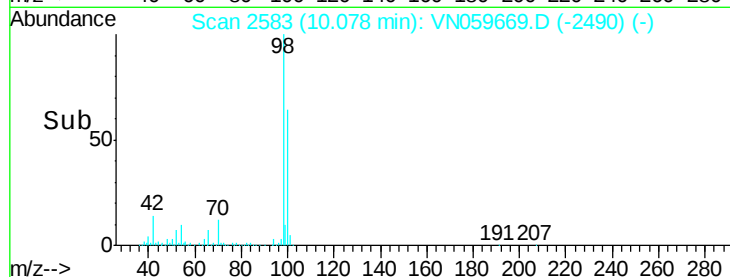
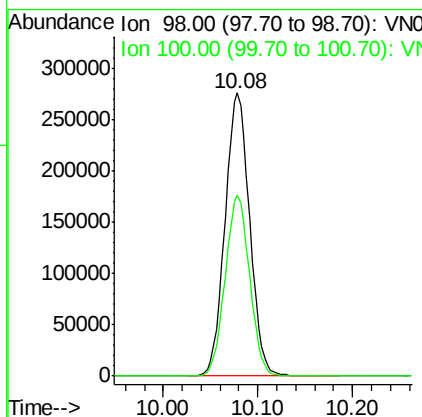
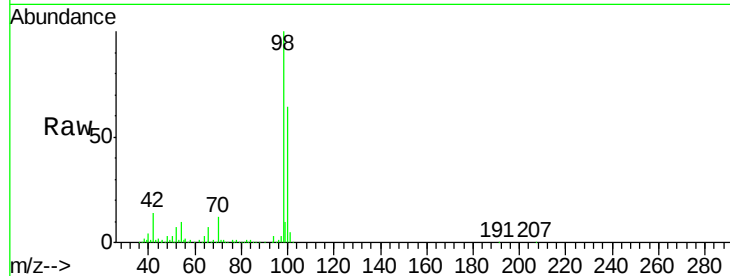
#50
Toluene-d8
Concen: 51.547 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059669.D
Acq: 19 Dec 2019 14:19

Instrument :
MSVOA_N
ClientSampleId :
PB125597TB

Tot Ion: 98 Resp: 498526
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8

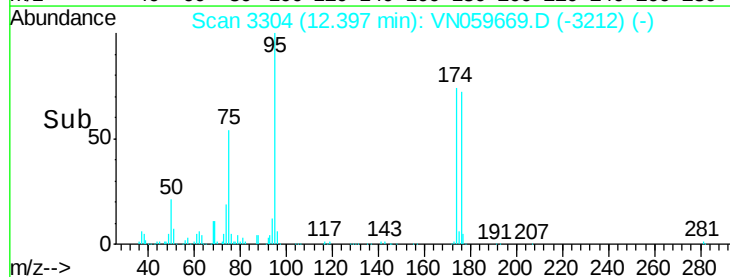
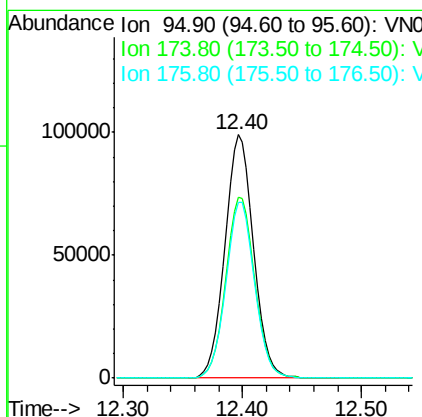
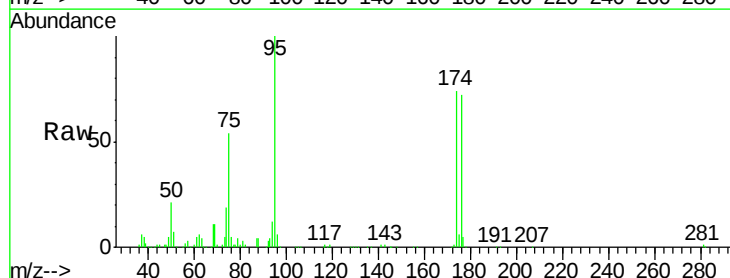
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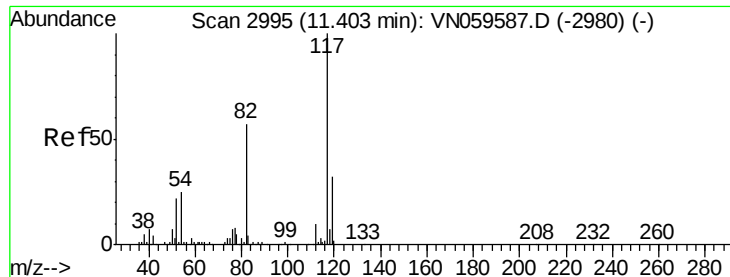
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#62
4-Bromofluorobenzene
Concen: 46.684 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN059669.D
Acq: 19 Dec 2019 14:19

Tgt Ion: 95 Resp: 164747
Ion Ratio Lower Upper
95 100
174 75.3 0.0 151.4
176 72.8 0.0 146.0





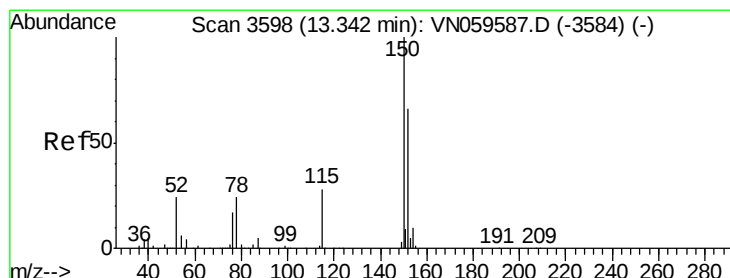
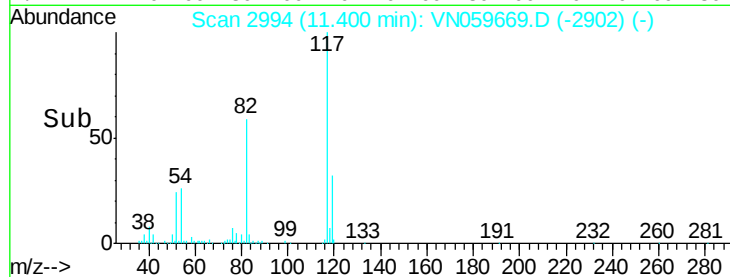
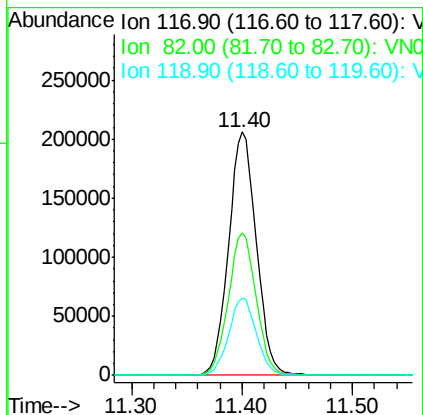
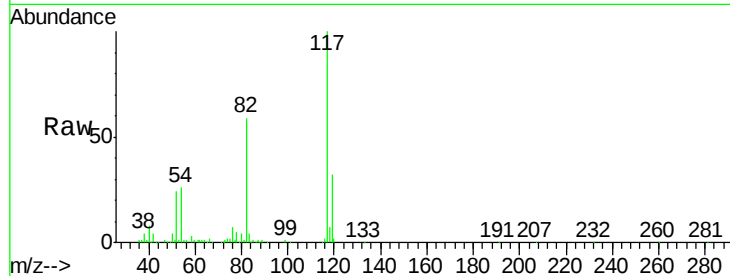
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059669.D
Acq: 19 Dec 2019 14:19

Instrument :
MSVOA_N
ClientSampleId :
PB125597TB

Tot Ion	Ratio	Resp	Lower	Upper
117	100	358908		
82	58.6	45.9	68.9	
119	31.9	25.5	38.3	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059669.D
Acq: 19 Dec 2019 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	135736		
115	60.4	30.3	90.9	
150	156.9	0.0	345.2	

