

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050307.D
 Acq On : 3 Aug 2018 12:02
 Operator : MD\SY
 Sample : J4325-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Manual Integrations
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 8/6/2018 11:38:08 AM

Quant Time: Aug 03 23:18:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	109859	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	578451	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	446953	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	230656	30.89	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	102.97%	
60) 4-Bromofluorobenzene	12.41	95	151160	22.01	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	73.37%	
63) Toluene-d8	10.09	98	641513	30.05	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	100.17%	

Target Compounds

						Ovalue
3) Chloromethane	2.06	50	2266	0.29	ug/l	93
12) Methyl Acetate	4.33	43	11889	1.77	ug/l	93
15) Acetone	3.83	58	2648	4.45	ug/l #	49
16) Carbon Disulfide	4.05	76	6540	0.36	ug/l	95
18) Methylene Chloride	4.55	84	2945m	0.44	ug/l	
25) Chloroform	7.38	83	7993	0.66	ug/l	87
91) Naphthalene	15.14	128	5254	7.94	ug/l	97

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

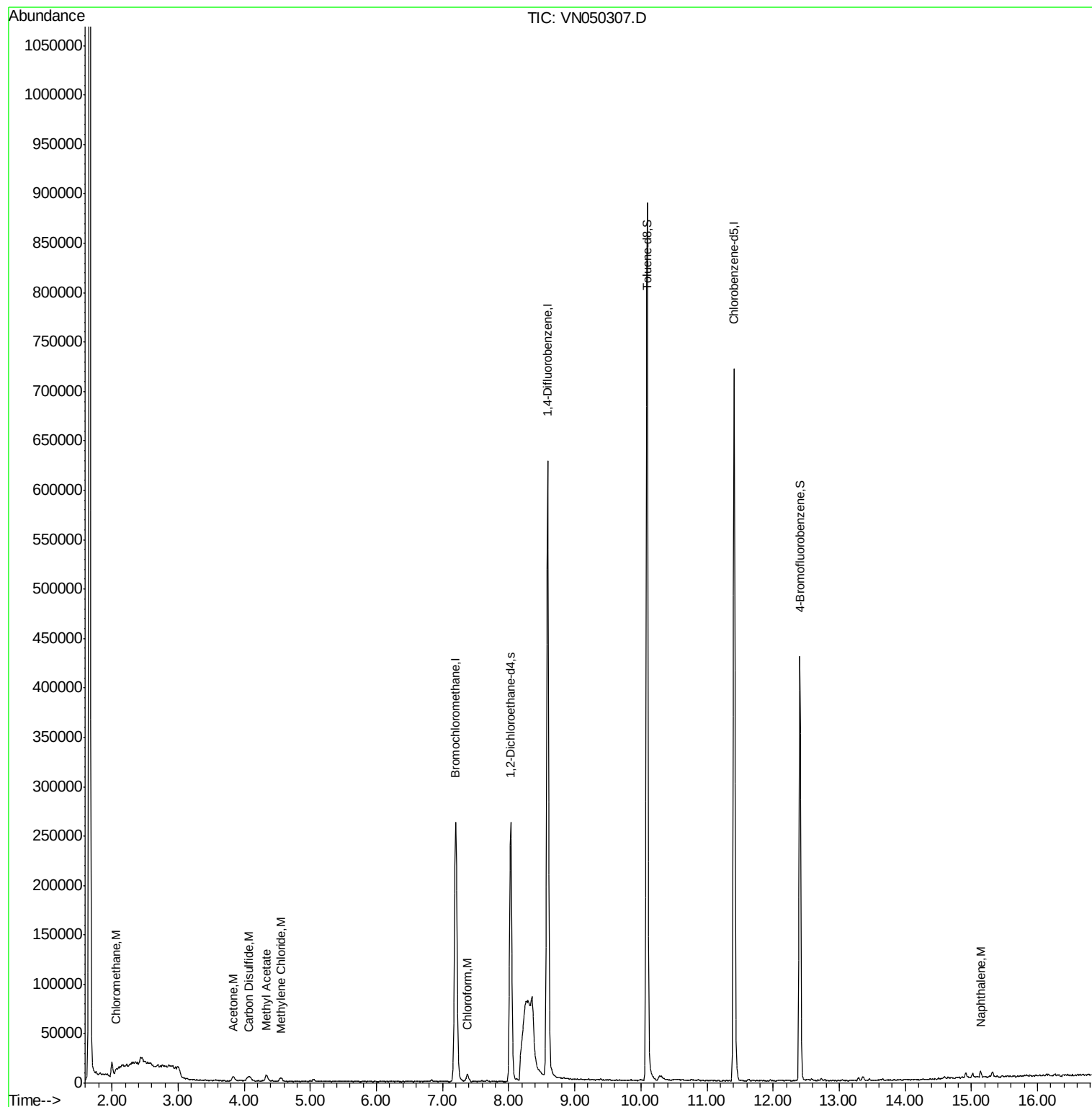
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
Data File : VN050307.D
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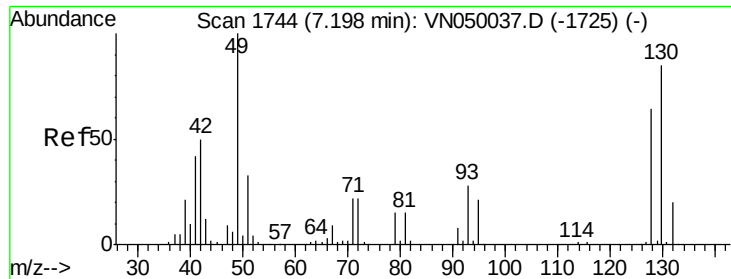
Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

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Quant Time: Aug 03 23:18:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 2018
Response via : Initial Calibration





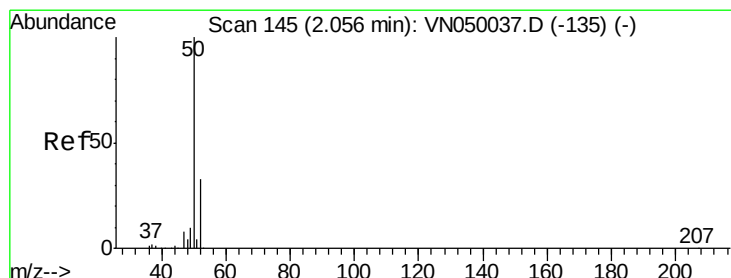
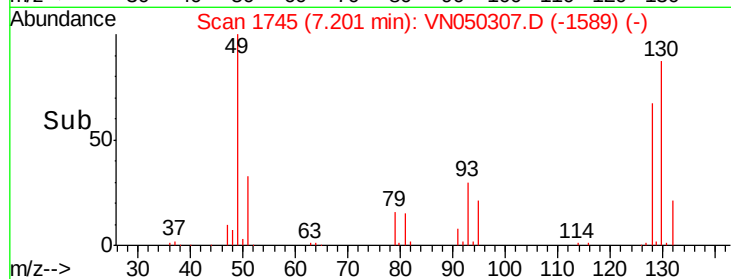
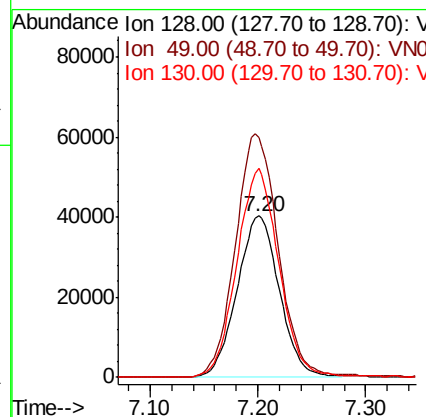
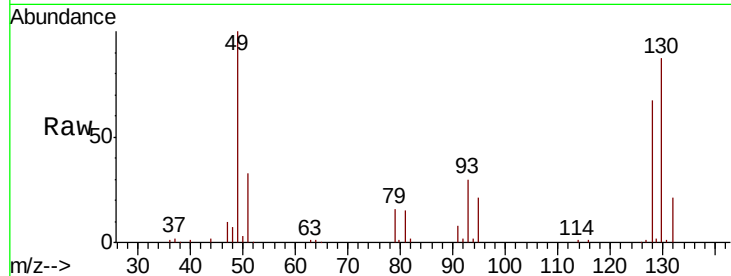
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VN050307.D
Acq: 3 Aug 2018 12:02

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tot Ion	Ratio	Resp	Lower	Upper
128	100	109859		
49	152.9	0.0	378.3	
130	129.0	0.0	320.7	

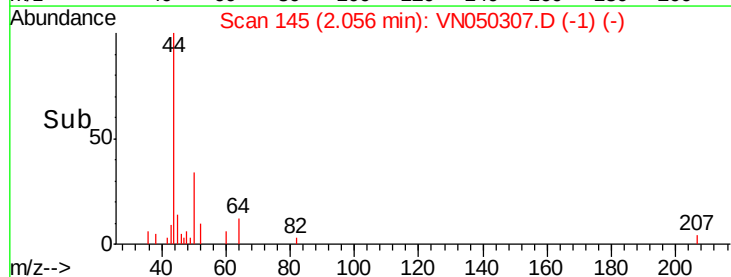
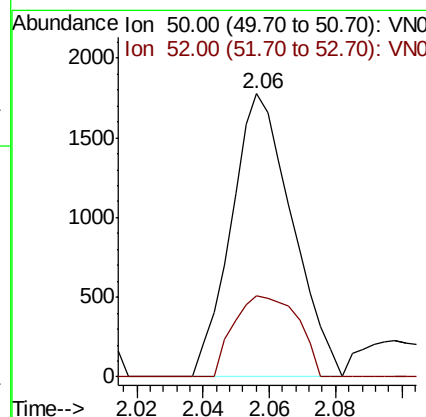
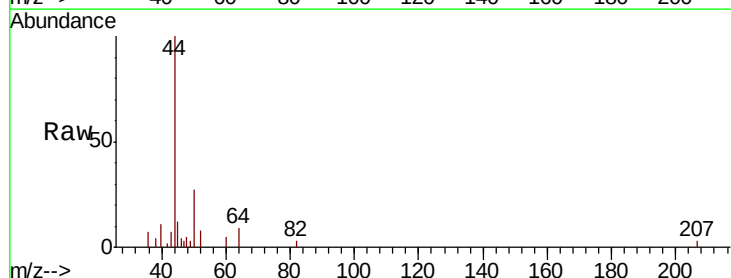
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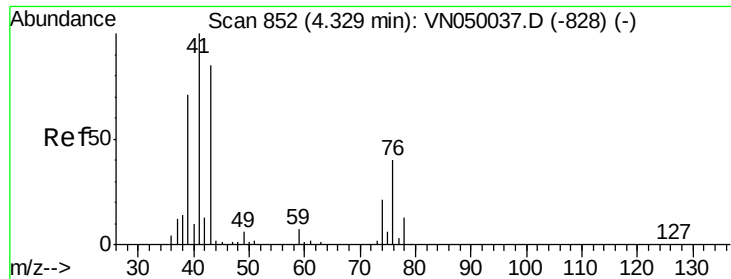
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#3
Chloromethane
Concen: 0.29 ug/l
RT: 2.06 min Scan# 145
Delta R.T. -0.00 min
Lab File: VN050307.D
Acq: 3 Aug 2018 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
50	100	2266		
52	28.5	26.1	39.1	





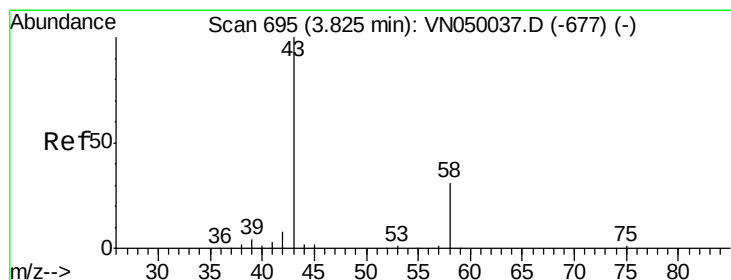
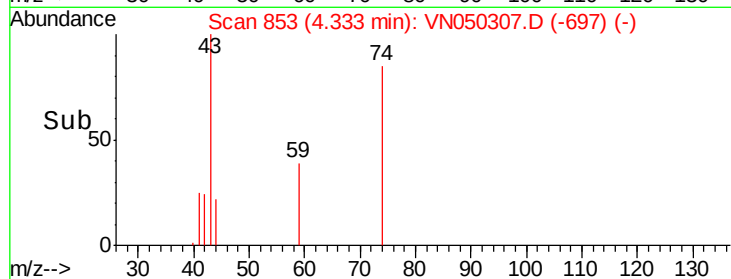
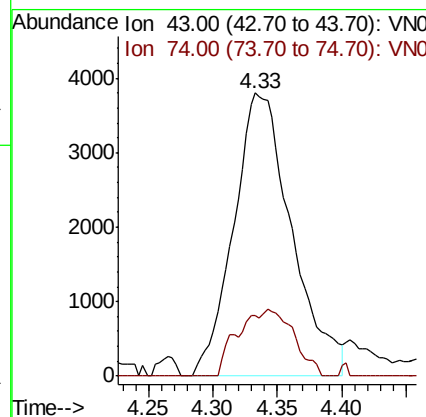
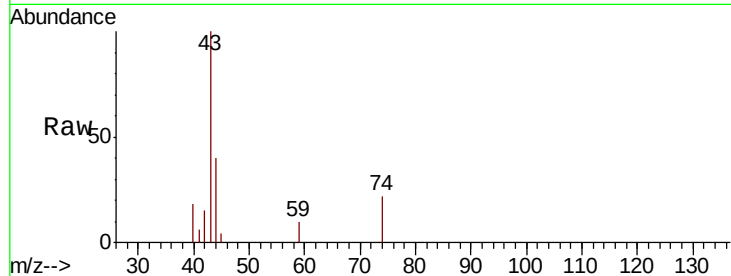
#12
Methvl Acetate
Concen: 1.77 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050307.D
Acq: 3 Aug 2018 12:02

Instrument :
MSVOA_N
ClientSampled :
SPDES-1

Tot Ion	43	Resp	11889
Ion Ratio	Lower	Upper	
43	100		
74	20.7	19.3	28.9

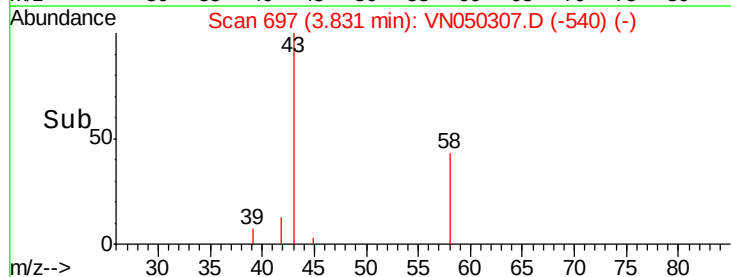
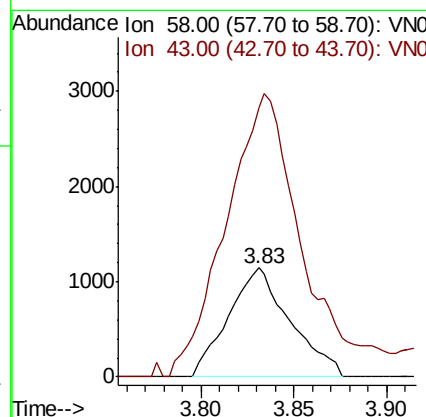
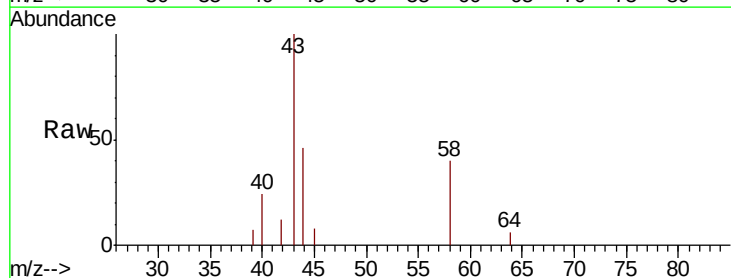
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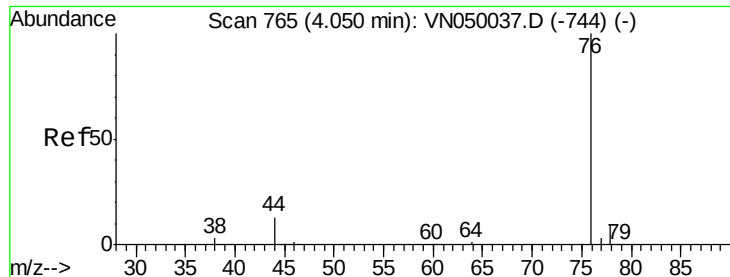
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#15
Acetone
Concen: 4.45 ug/l
RT: 3.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN050307.D
Acq: 3 Aug 2018 12:02

Tgt Ion	58	Resp	2648
Ion Ratio	Lower	Upper	
58	100		
43	212.1	252.0	378.0#





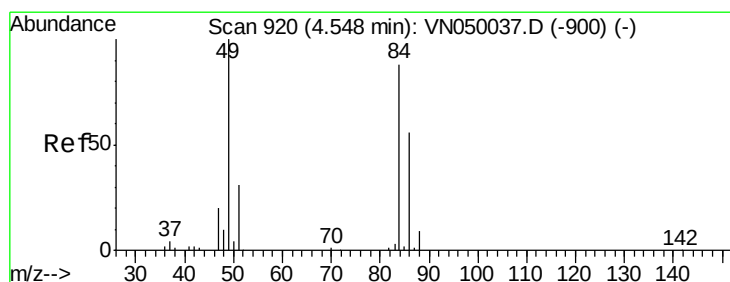
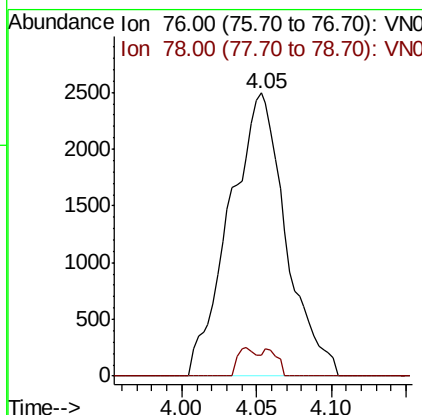
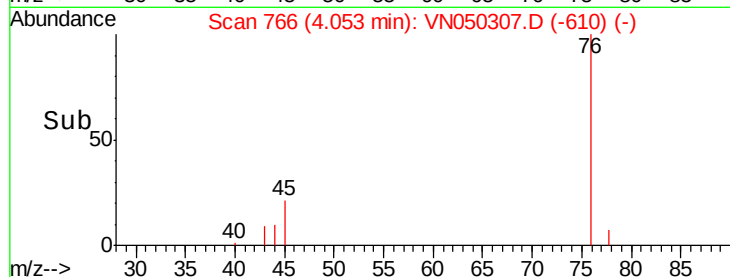
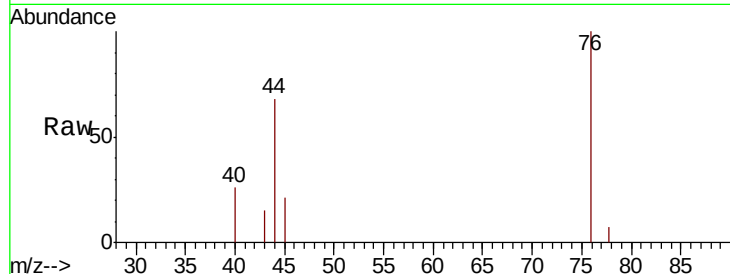
#16
Carbon Disulfide
Concen: 0.36 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050307.D
Acq: 3 Aug 2018 12:02

Instrument :
MSVOA_N
ClientSampled :
SPDES-1

Tot Ion: 76 Resp: 6540
Ion Ratio Lower Upper
76 100
78 7.3 7.3 10.9

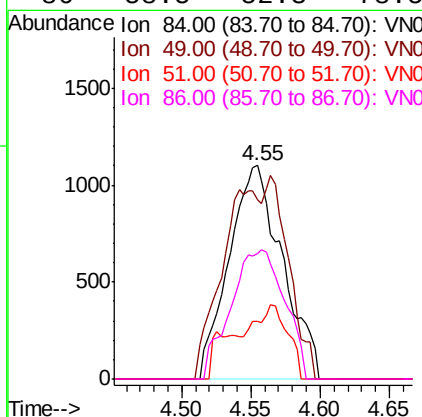
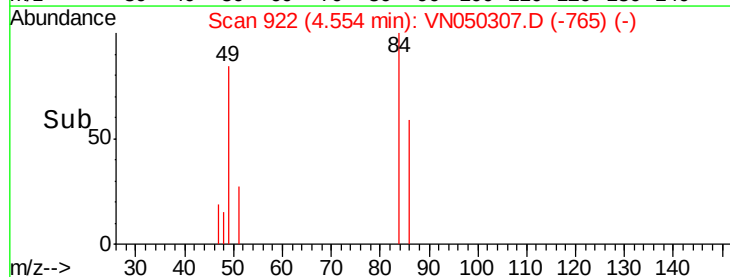
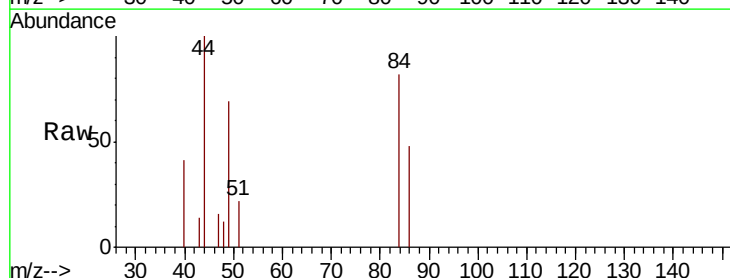
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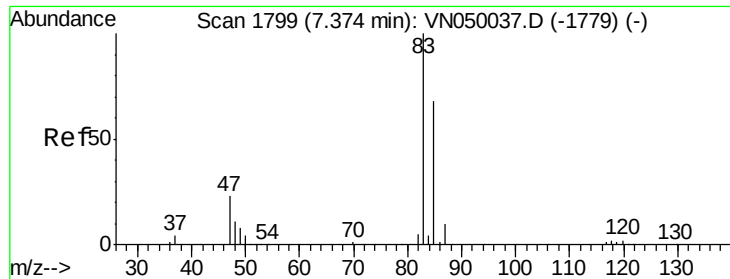
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#18
Methylene Chloride
Concen: 0.44 ug/l m
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN050307.D
Acq: 3 Aug 2018 12:02

Tgt Ion: 84 Resp: 2945
Ion Ratio Lower Upper
84 100
49 83.7 95.1 142.7#
51 27.1 28.8 43.2#
86 58.5 52.3 78.5





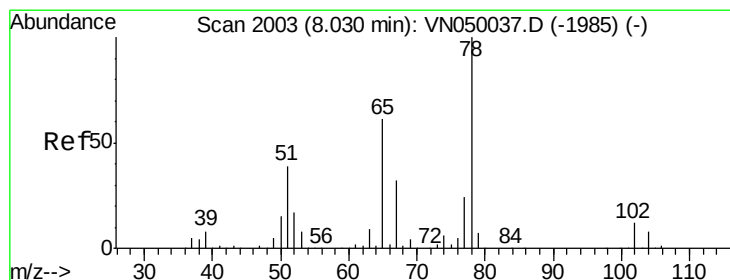
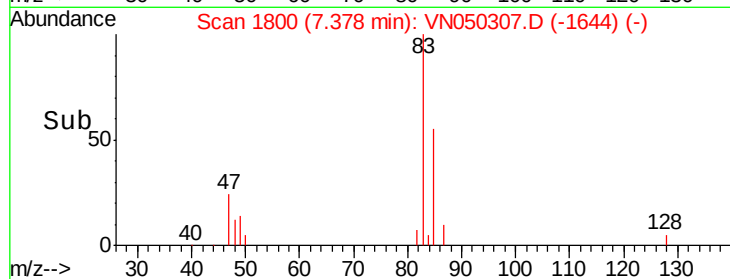
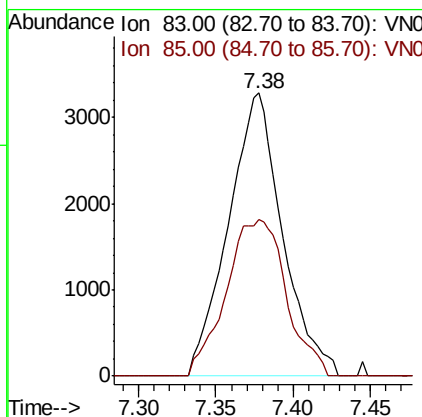
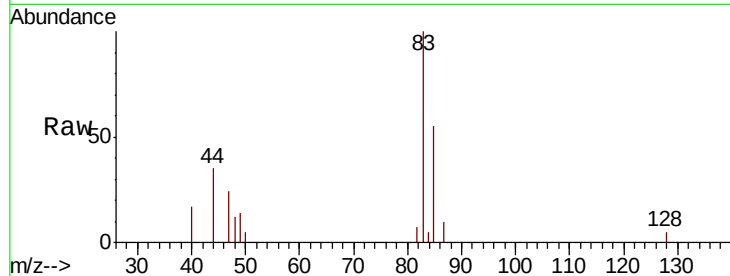
#25
Chloroform
Concen: 0.66 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050307.D
Acq: 3 Aug 2018 12:02

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tot Ion: 83 Resp: 7993
Ion Ratio Lower Upper
83 100
85 55.1 52.1 78.1

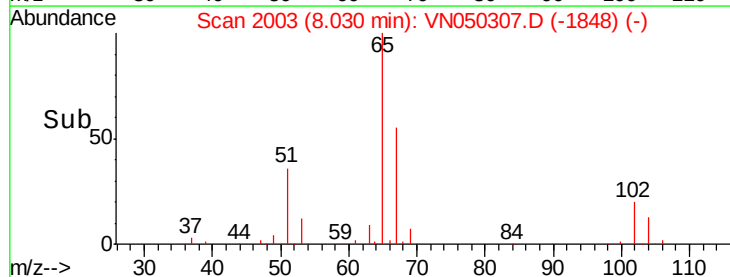
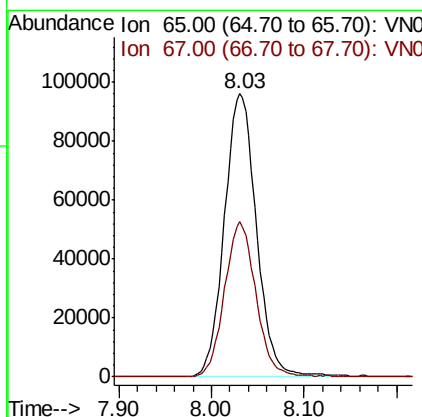
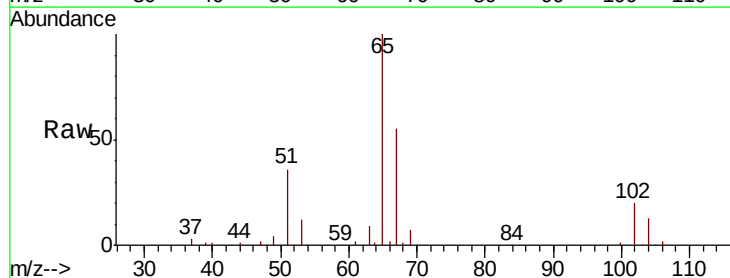
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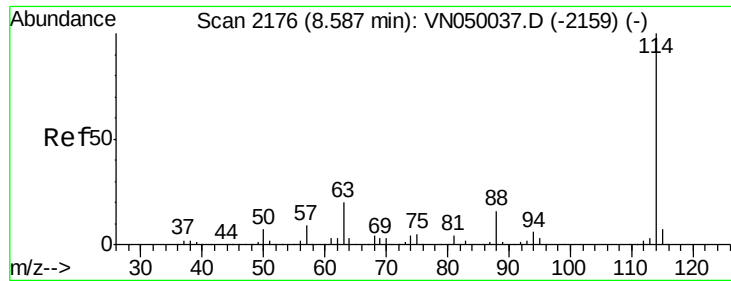
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#27
1,2-Dichloroethane-d4
Concen: 30.89 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050307.D
Acq: 3 Aug 2018 12:02

Tgt Ion: 65 Resp: 230656
Ion Ratio Lower Upper
65 100
67 53.1 42.7 64.1





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050307.D

Acq: 3 Aug 2018 12:02

Instrument :

MSVOA_N

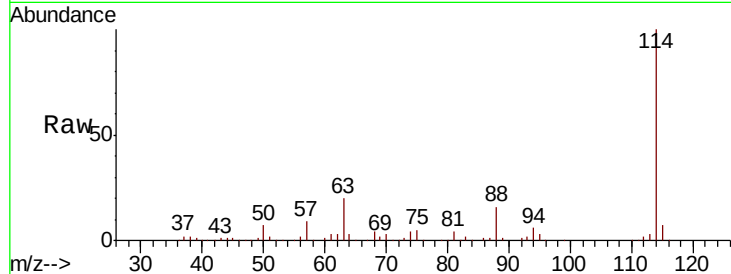
ClientSampleId :

SPDES-1

Tot Ion:	114	Resp:	578451
Ion Ratio	Lower	Upper	
114	100		
63	19.8	16.2	24.2
88	15.3	12.3	18.5

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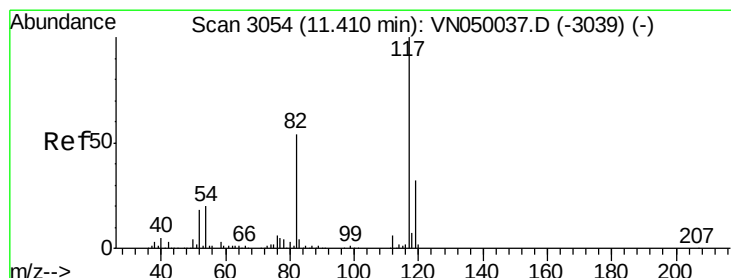
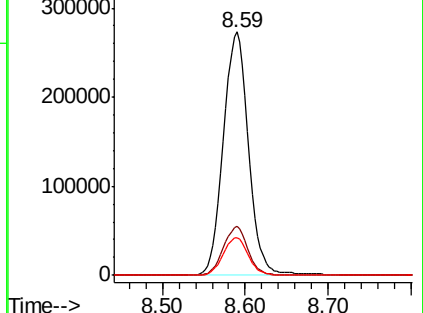
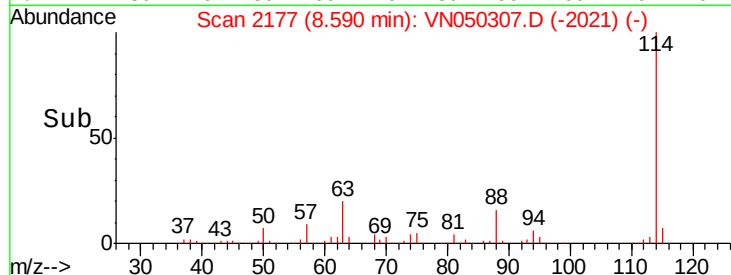
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

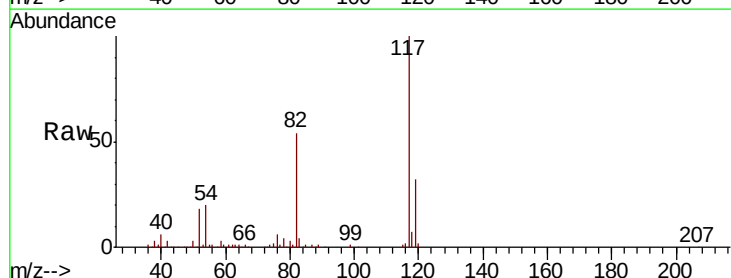
RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050307.D

Acq: 3 Aug 2018 12:02

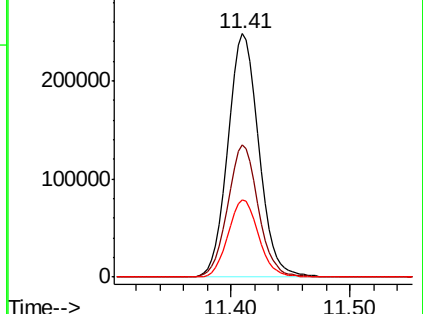
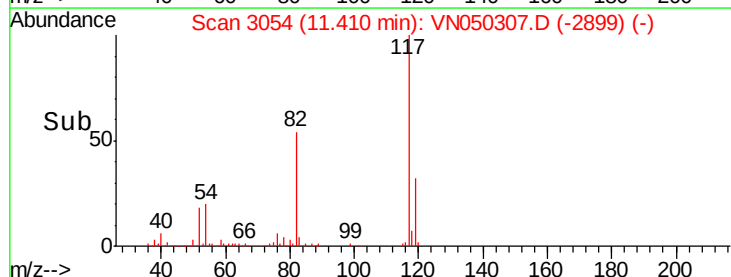
Tgt Ion:	117	Resp:	446953
Ion Ratio	Lower	Upper	
117	100		
82	53.9	42.4	63.6
119	31.5	25.4	38.0

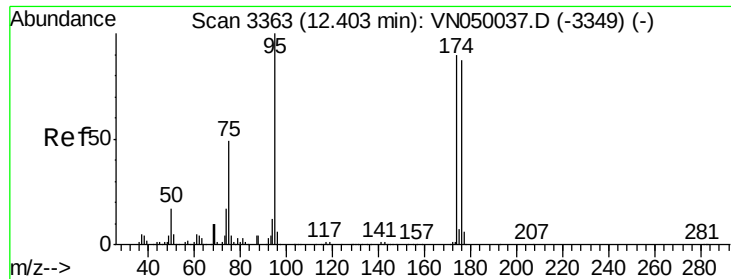


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V





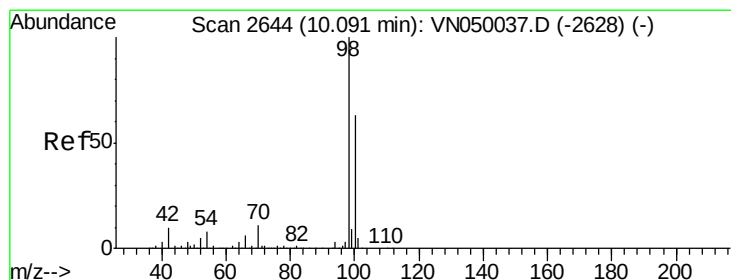
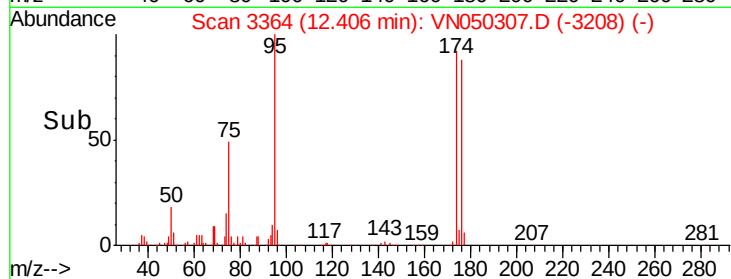
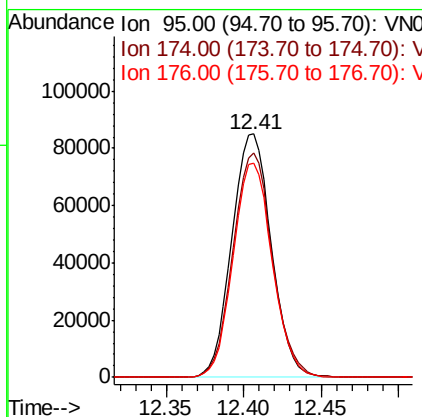
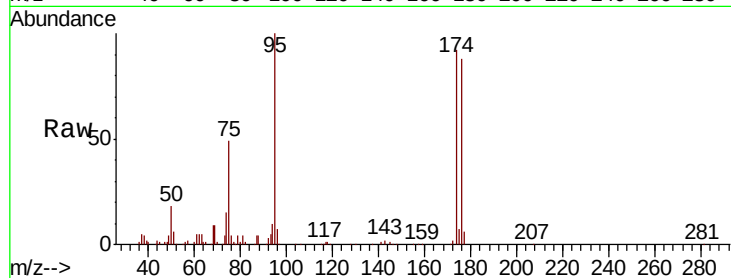
#60
 4-Bromofluorobenzene
 Concen: 22.01 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. 0.00 min
 Lab File: VN050307.D
 Acq: 3 Aug 2018 12:02

Instrument :
 MSVOA_N
 ClientSampled :
 SPDES-1

Tot Ion	Ratio	Lower	Upper
95	100		
174	92.0	72.3	108.5
176	87.3	70.0	105.0

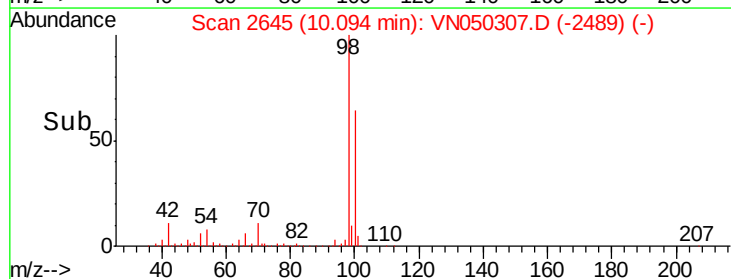
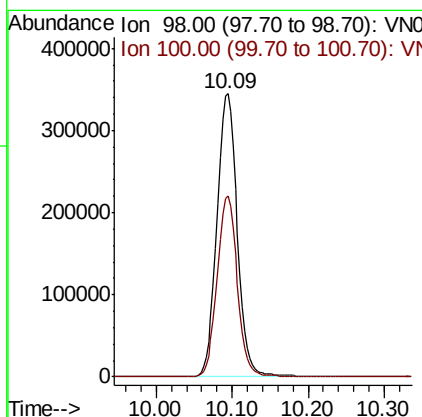
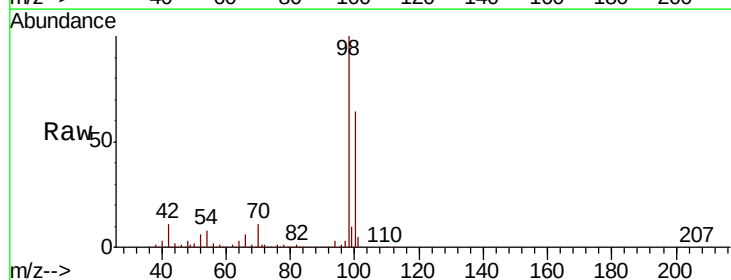
Manual Integrations
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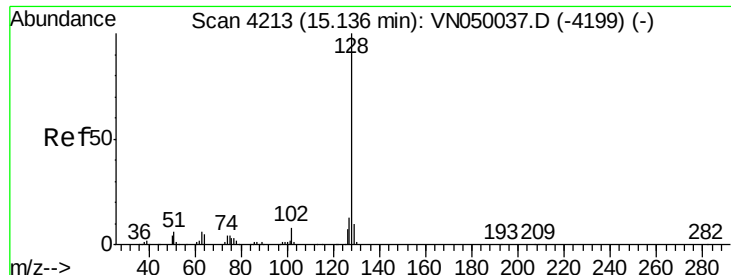
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 8/6/2018 11:38:08 AM



#63
 Toluene-d8
 Concen: 30.05 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050307.D
 Acq: 3 Aug 2018 12:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.2	76.8





#91
Naphthalene
Concen: 7.94 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. -0.00 min
Lab File: VN050307.D
Acq: 3 Aug 2018 12:02

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.4
129	10.6	9.0	13.4

Manual Integrations
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