

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054534.D
 Acq On : 22 Mar 2019 2:43
 Operator : JC/SP
 Sample : K2056-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20190319

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 4:16:51 PM

Quant Time: Mar 22 10:46:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	661221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1032729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	850107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	317506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	415940	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
35) Dibromofluoromethane	7.59	113	321538	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	1219835	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	380040	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	64265	25.990	ug/l #	84
20) Methylene Chloride	4.55	84	48923	6.712	ug/l #	84
25) 2-Butanone	6.85	43	20388	6.437	ug/l #	87
43) Isopropyl Acetate	8.18	43	19812	1.708	ug/l	97
67) Ethyl Benzene	11.51	91	14036	0.460	ug/l	99
68) m/p-Xylenes	11.62	106	6184	0.535	ug/l	89
69) o-Xylene	11.95	106	3105	0.275	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	4823	0.459	ug/l	92
88) 1,4-Dichlorobenzene	13.36	146	16239m	1.587	ug/l	
95) Naphthalene	15.13	128	34765	3.070	ug/l	97

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

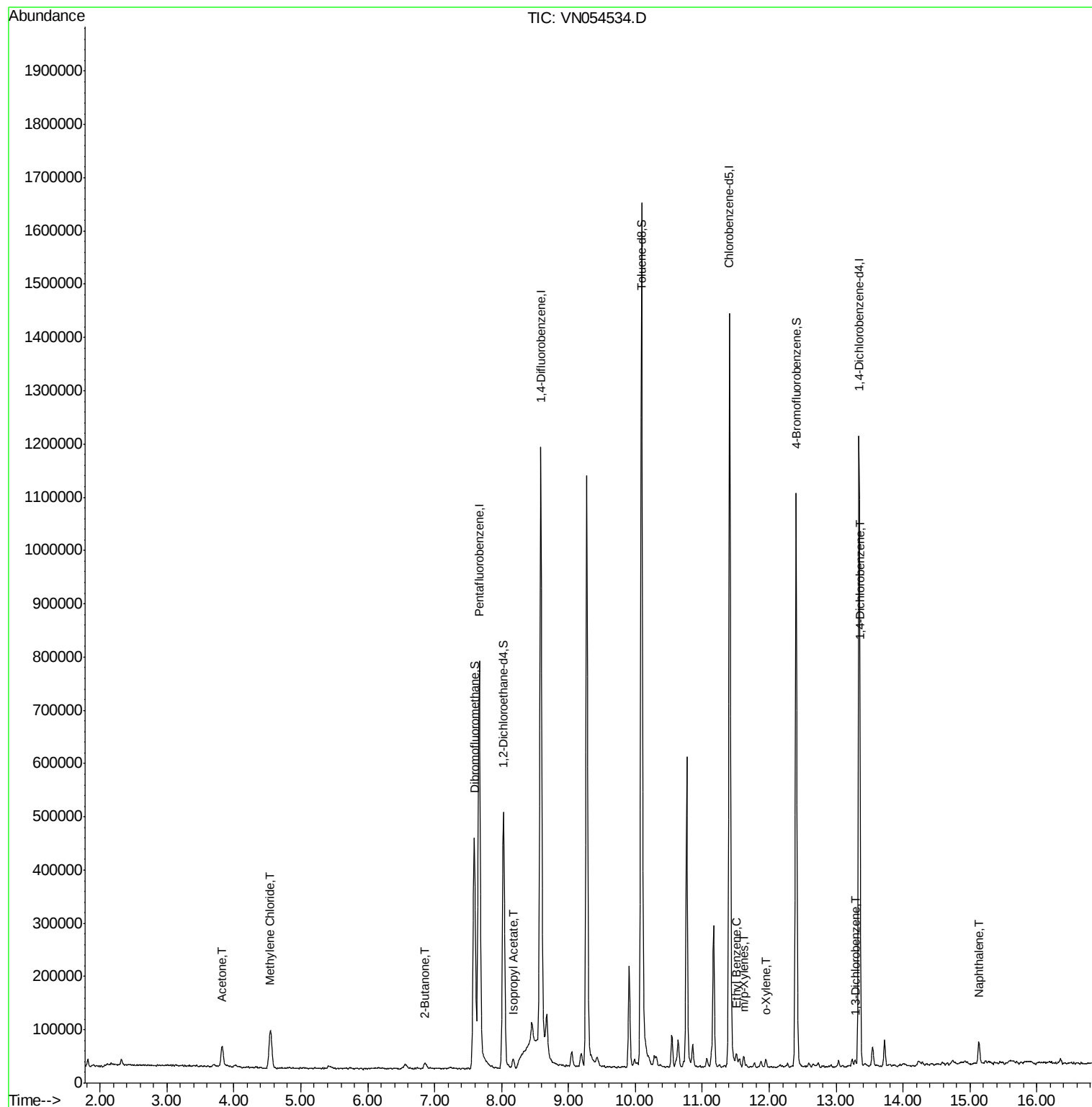
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
Data File : VN054534.D
Acq On : 22 Mar 2019 2:43
Operator : JC/SP
Sample : K2056-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

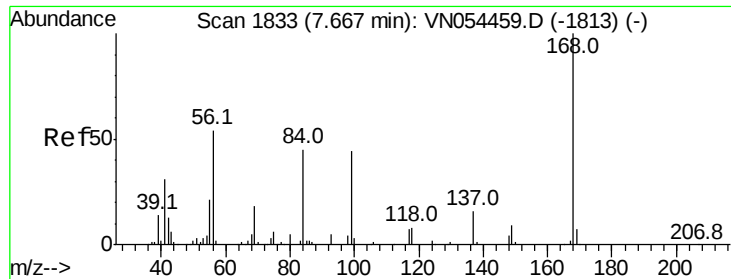
Instrument :
MSVOA_N
ClientSampleId :
WC-20190319

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Quant Time: Mar 22 10:46:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

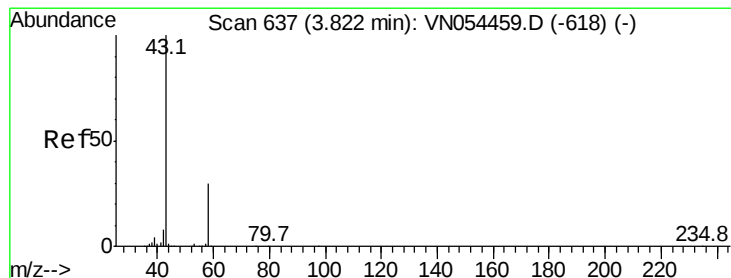
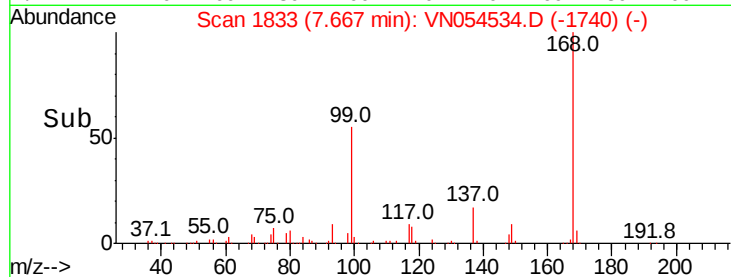
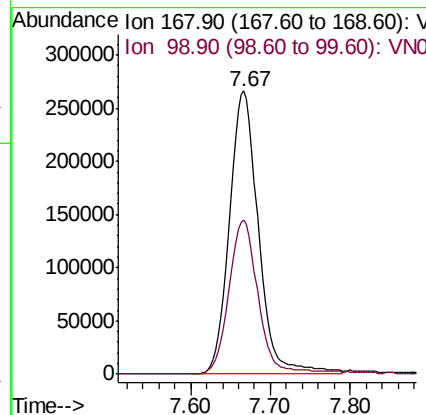
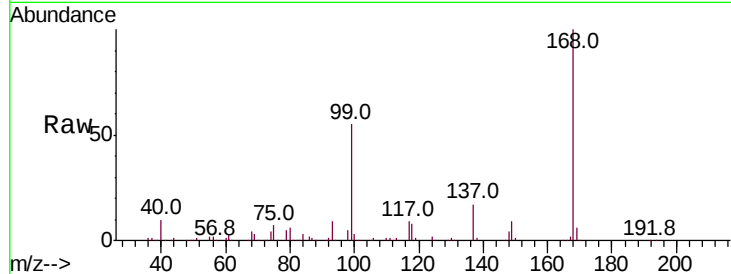
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN054534.D
 Acq: 22 Mar 2019 2:43

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20190319

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.6	37.1	55.7

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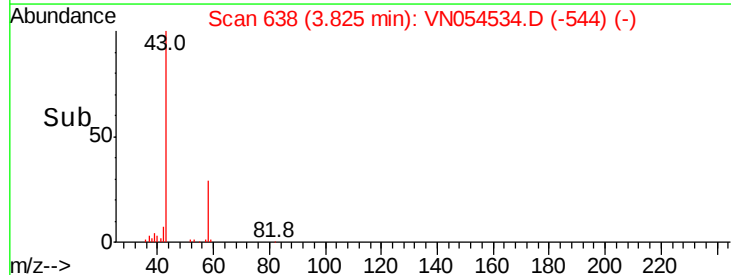
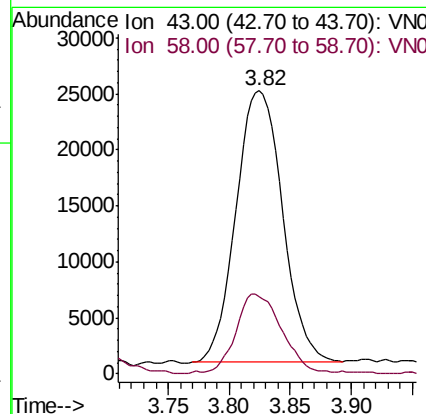
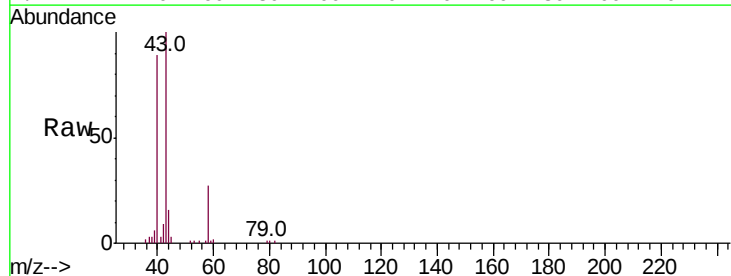
MMDadoda
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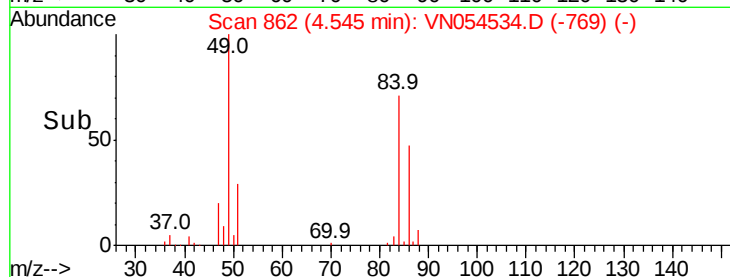
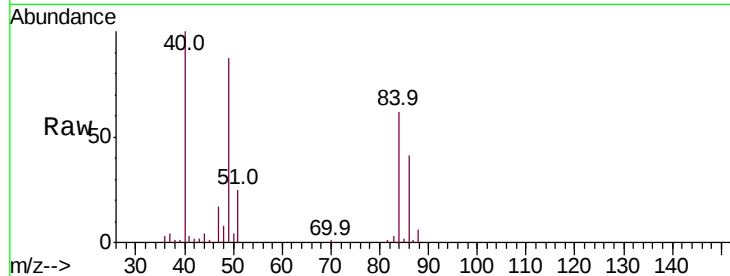
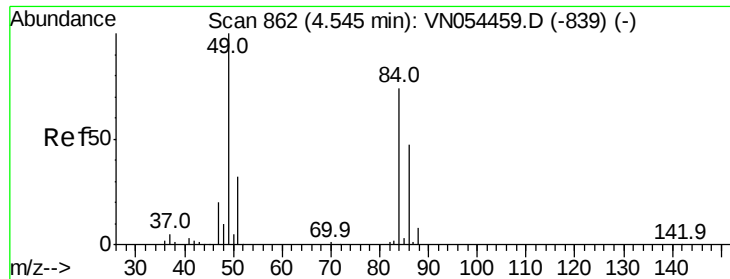


#16

Acetone
 Concen: 25.990 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VN054534.D
 Acq: 22 Mar 2019 2:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.8	29.9	44.9





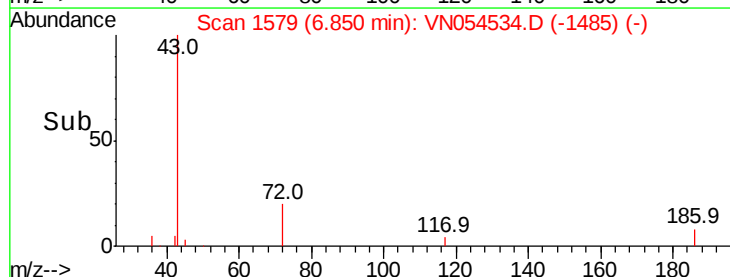
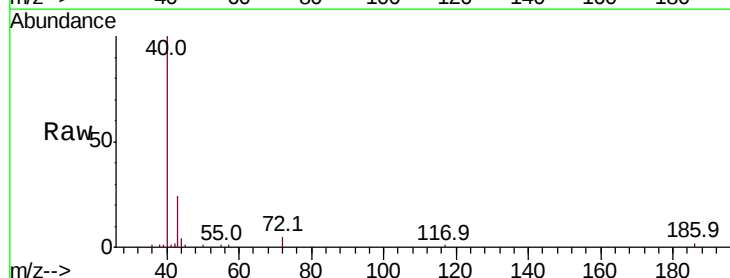
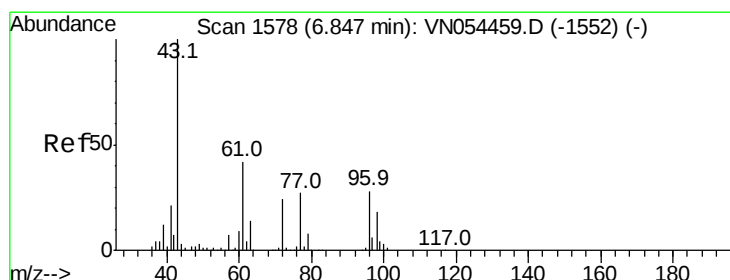
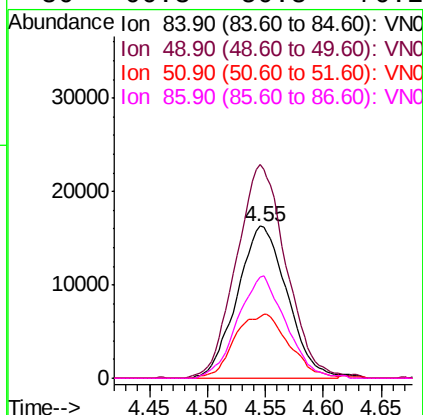
#20
Methvlene Chloride
Concen: 6.712 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054534.D
Acq: 22 Mar 2019 2:43

Tot Ion	Ratio	Lower	Upper
84	100		
49	139.7	89.7	134.5#
51	40.6	28.2	42.4
86	66.3	50.8	76.2

Instrument :
MSVOA_N
ClientSampleId :
WC-20190319

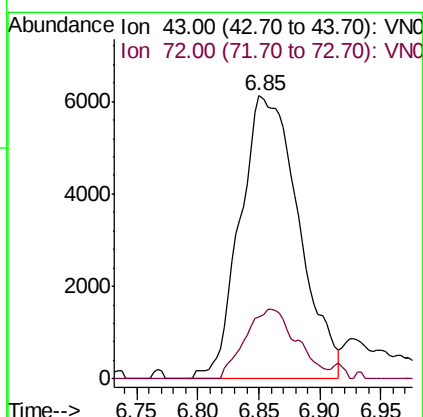
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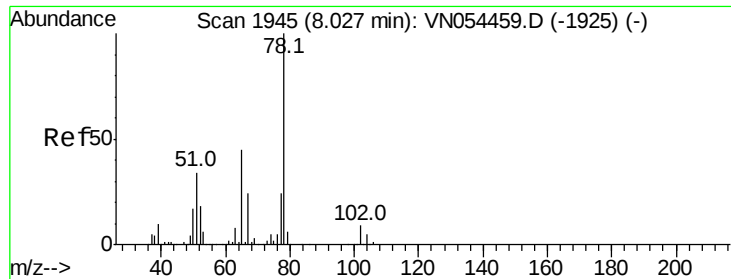
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#25
2-Butanone
Concen: 6.437 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN054534.D
Acq: 22 Mar 2019 2:43

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.1	23.0	34.6#





#33

1,2-Dichloroethane-d4

Concen: 50.573 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054534.D

Acq: 22 Mar 2019 2:43

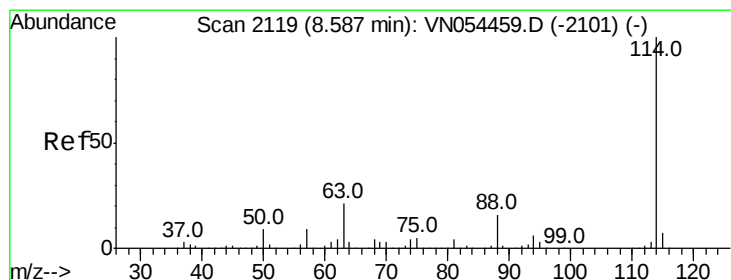
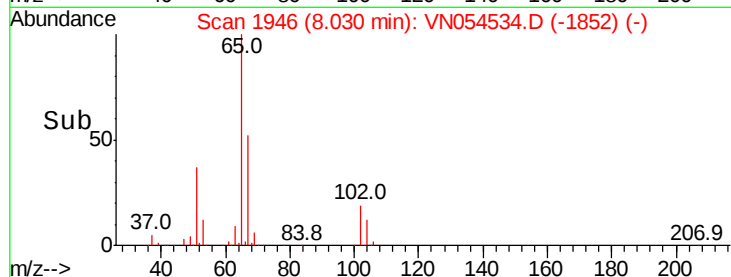
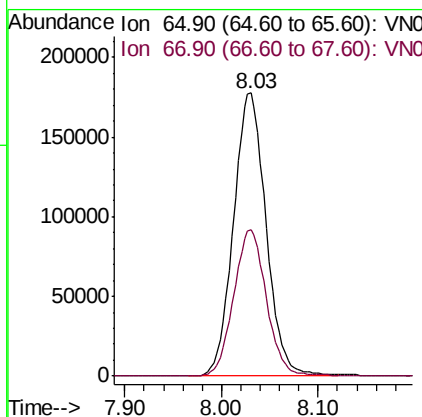
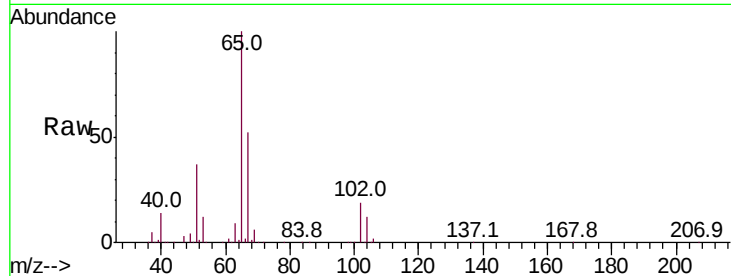
Instrument :
MSVOA_N
ClientSampleId :
WC-20190319

Tot Ion: 65 Resp: 415940

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

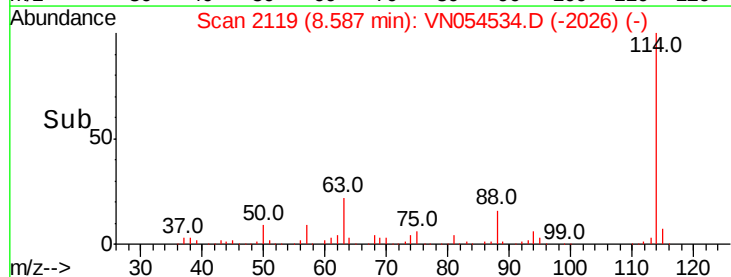
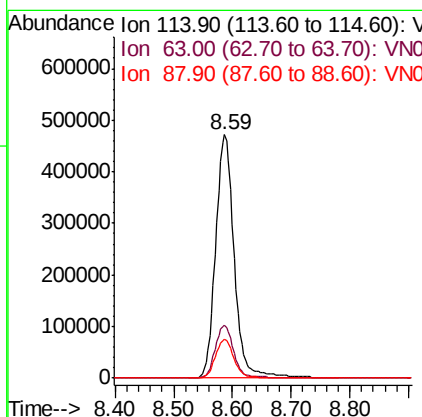
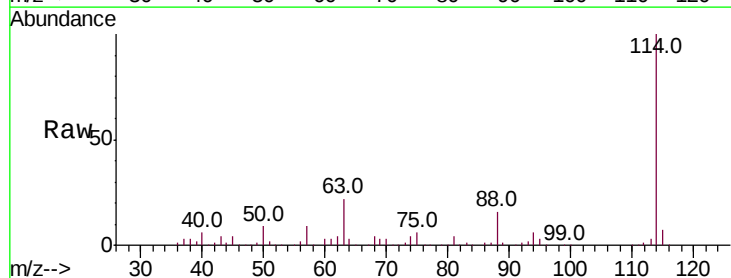
Delta R.T. 0.00 min

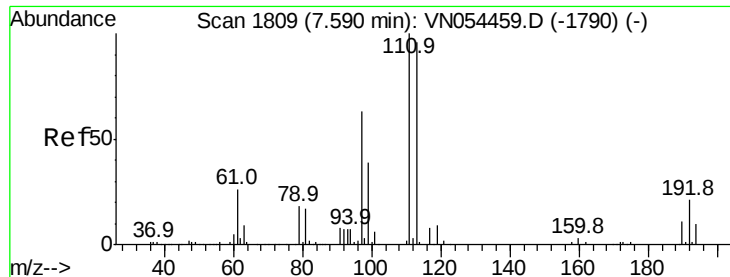
Lab File: VN054534.D

Acq: 22 Mar 2019 2:43

Tgt Ion: 114 Resp: 1032729

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	35.2
88	16.0	0.0	30.2





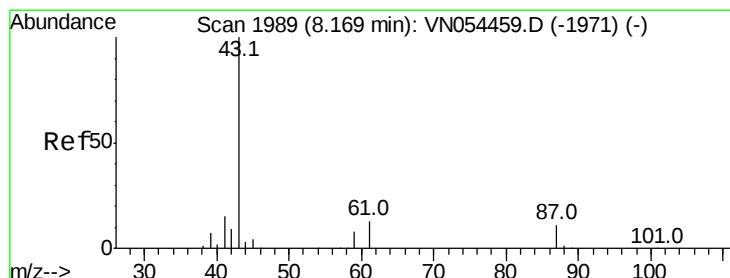
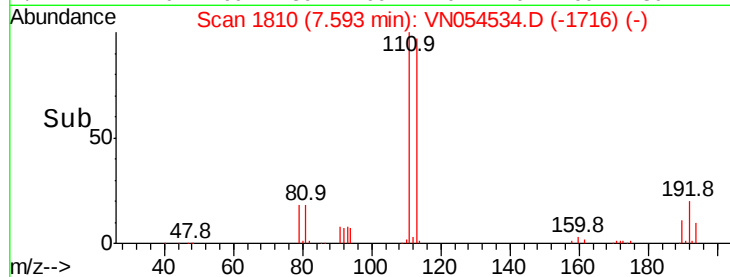
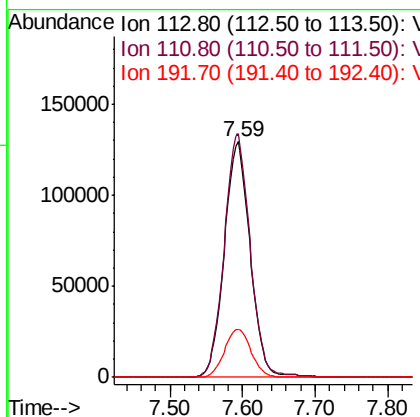
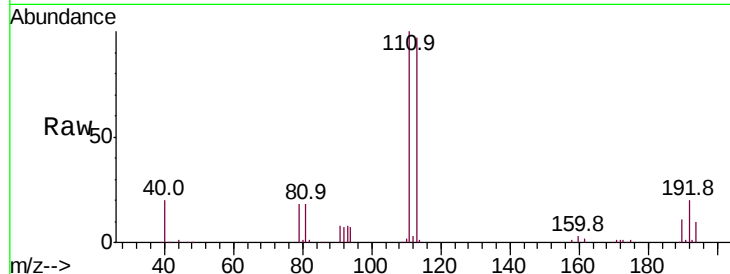
#35
 Dibromofluoromethane
 Concen: 48.327 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054534.D
 Acq: 22 Mar 2019 2:43

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20190319

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	82.2	123.4	
192	21.0	19.2	28.8	

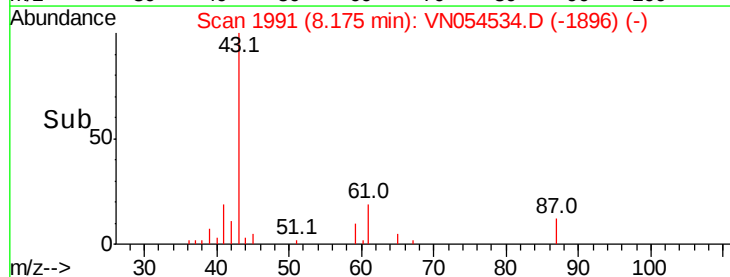
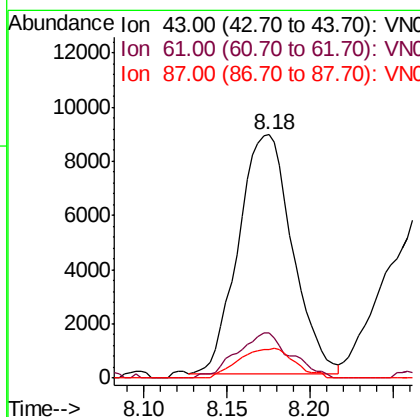
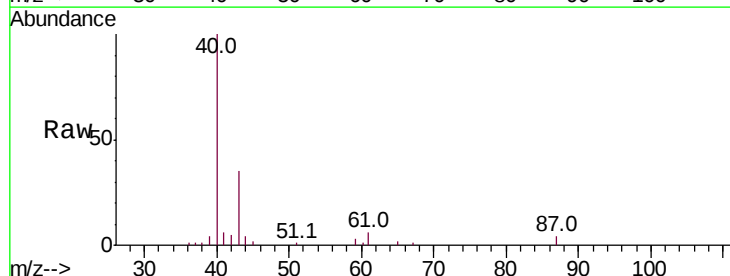
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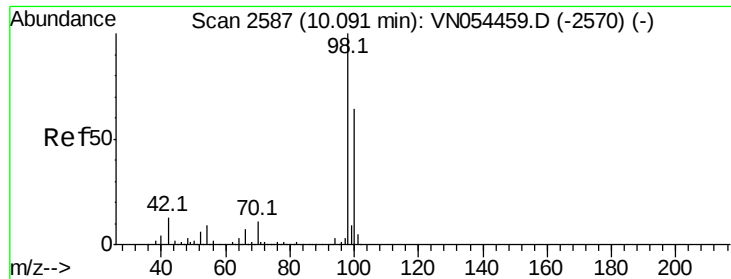
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#43
 Isopropyl Acetate
 Concen: 1.708 ug/l
 RT: 8.18 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN054534.D
 Acq: 22 Mar 2019 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	19.1	15.8	23.8	
87	12.9	12.0	18.0	





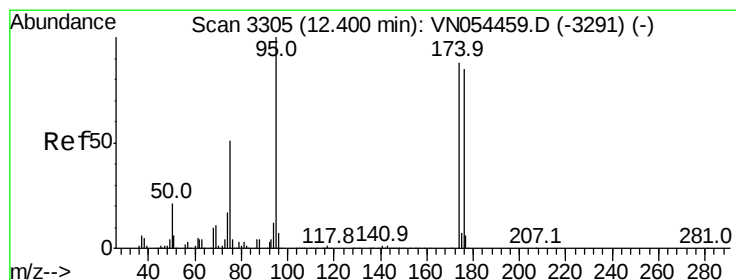
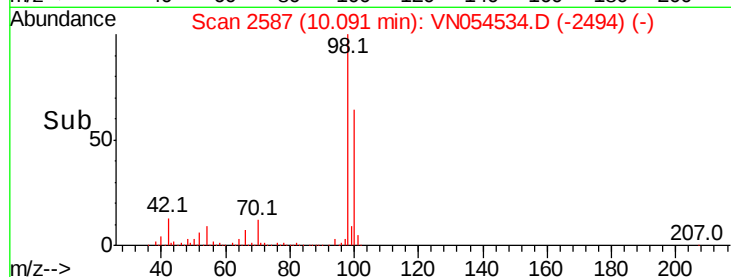
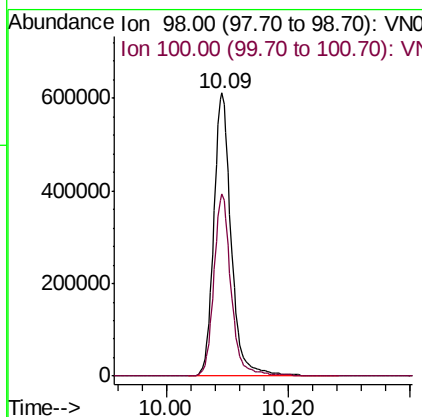
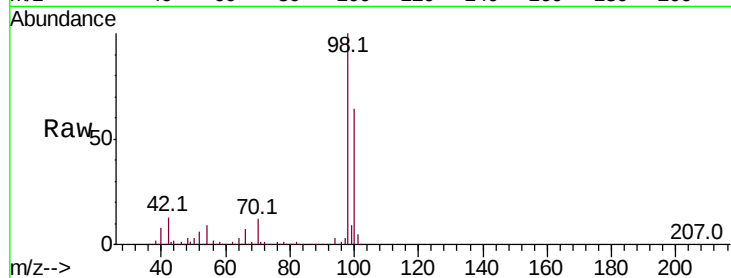
#50
Toluene-d8
Concen: 48.769 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054534.D
Acq: 22 Mar 2019 2:43

Instrument :
MSVOA_N
ClientSampleId :
WC-20190319

Tot Ion: 98 Resp: 1219835
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8

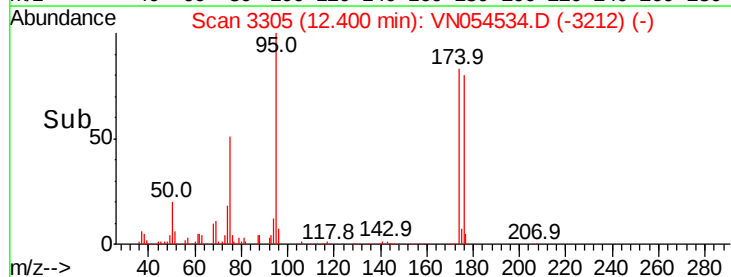
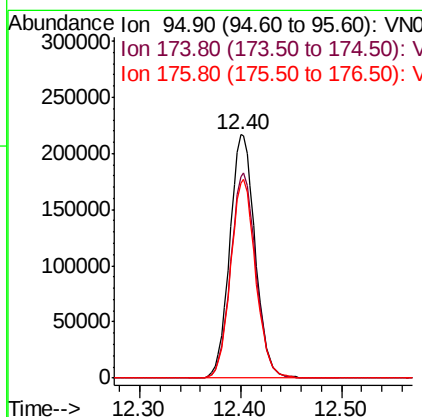
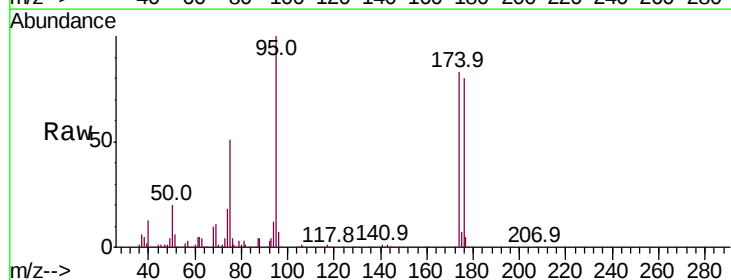
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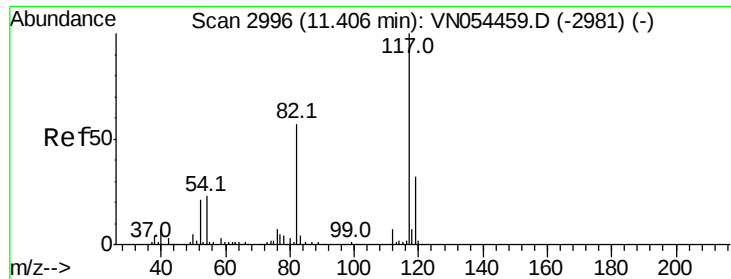
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#62
4-Bromofluorobenzene
Concen: 44.651 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054534.D
Acq: 22 Mar 2019 2:43

Tgt Ion: 95 Resp: 380040
Ion Ratio Lower Upper
95 100
174 83.7 0.0 191.0
176 80.6 0.0 187.4





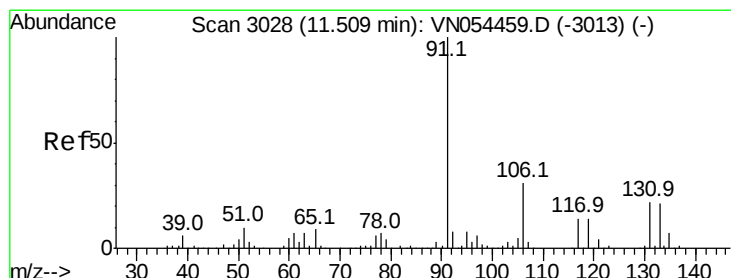
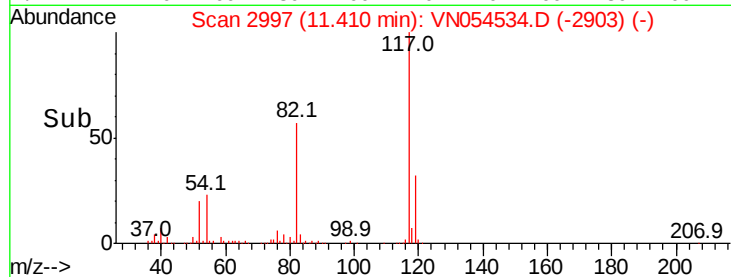
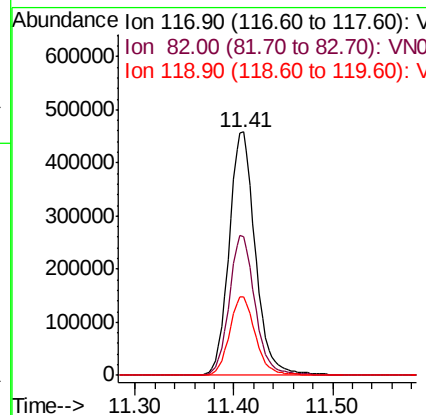
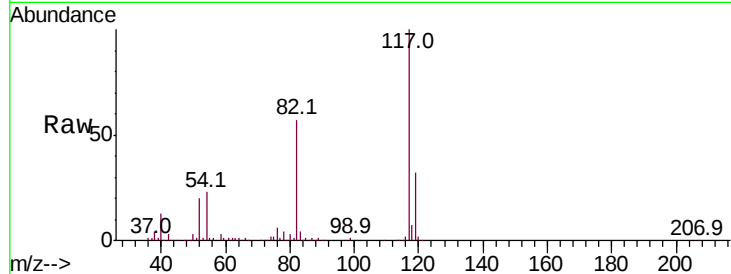
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054534.D
Acq: 22 Mar 2019 2:43

Instrument :
MSVOA_N
ClientSampleId :
WC-20190319

Tot Ion	Ratio	Resp	Lower	Upper
117	100	850107		
82	57.0		40.0	60.0
119	32.4		25.8	38.6

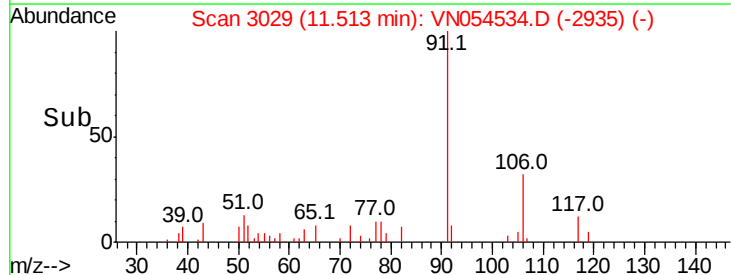
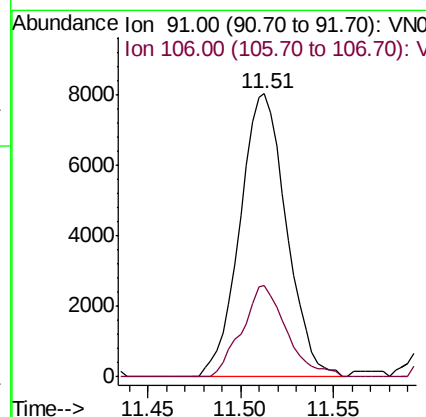
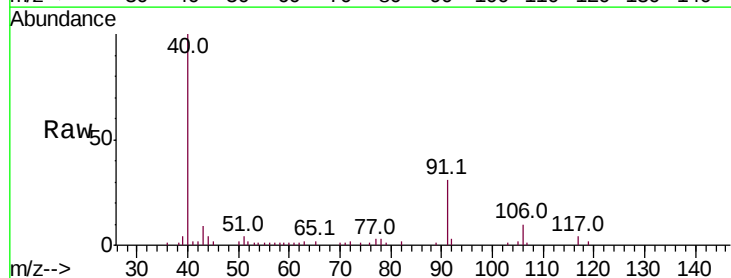
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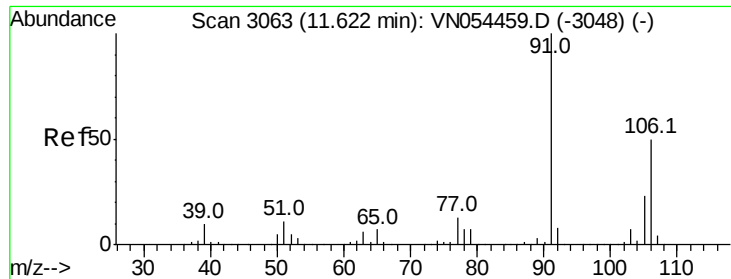
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#67
Ethyl Benzene
Concen: 0.460 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054534.D
Acq: 22 Mar 2019 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	14036		
106	32.2		25.5	38.3





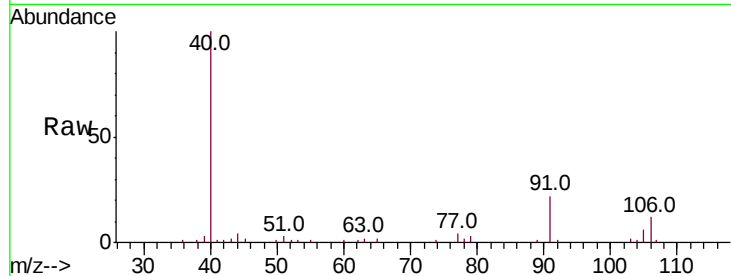
#68
m/p-Xylenes
Concen: 0.535 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054534.D
Acq: 22 Mar 2019 2:43

Instrument :
MSVOA_N
ClientSampleId :
WC-20190319

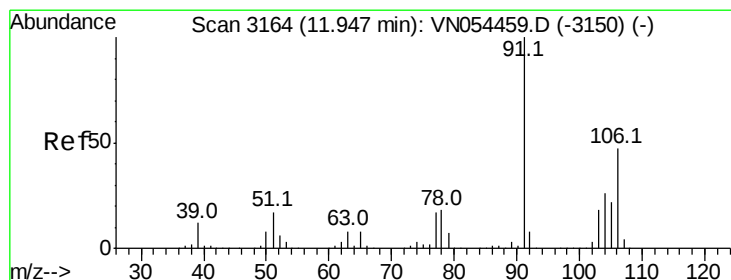
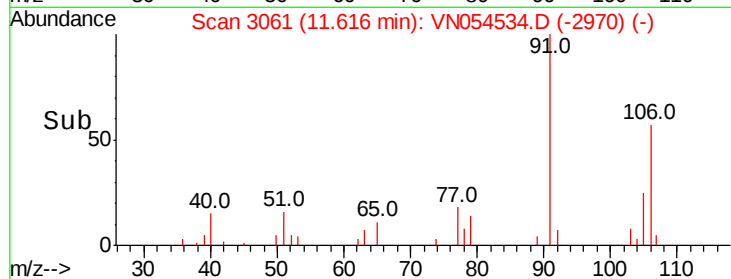
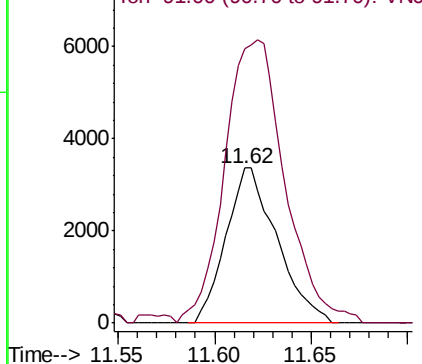
Tot Ion:106 Resp: 6184
Ion Ratio Lower Upper
106 100
91 215.8 159.4 239.2

Manual Integrations
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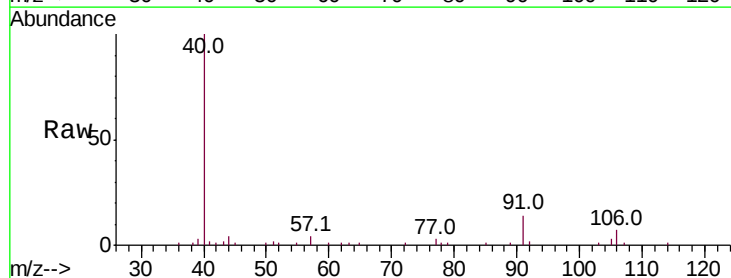


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

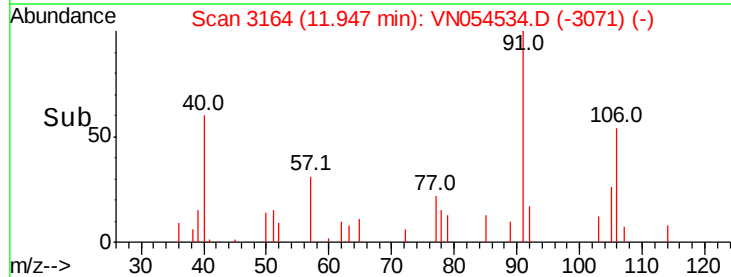
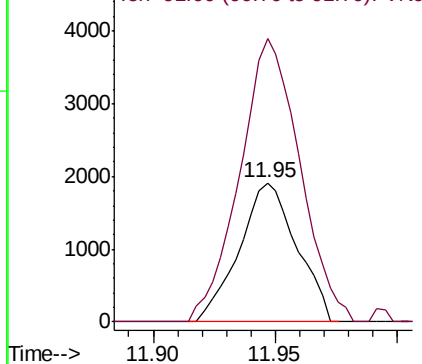


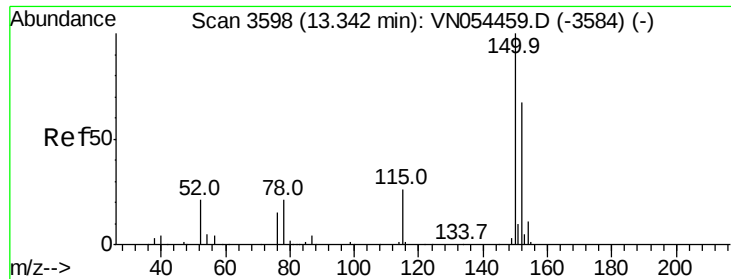
#69
o-Xylene
Concen: 0.275 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054534.D
Acq: 22 Mar 2019 2:43

Tgt Ion:106 Resp: 3105
Ion Ratio Lower Upper
106 100
91 214.8 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054534.D

Acq: 22 Mar 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

WC-20190319

Tot Ion:152 Resp: 317506

Ion Ratio Lower Upper

152 100

115 58.2 27.2 81.6

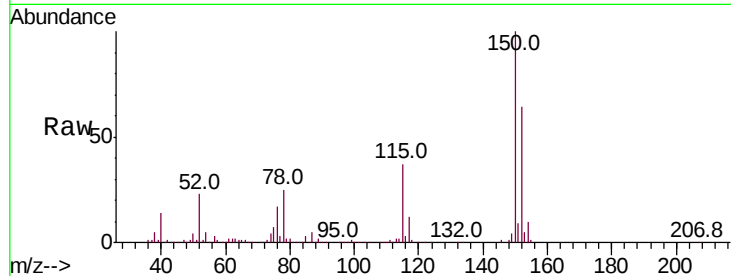
150 157.3 0.0 349.2

Manual Integrations

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3/22/2019 4:16:51 PM

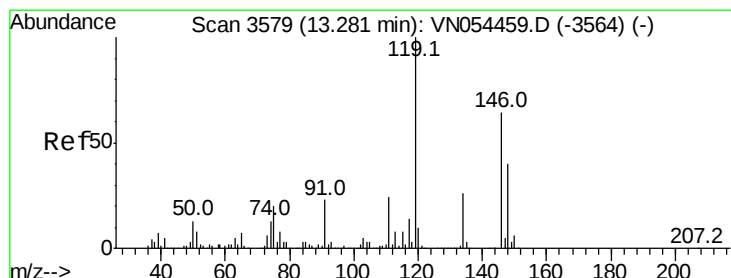
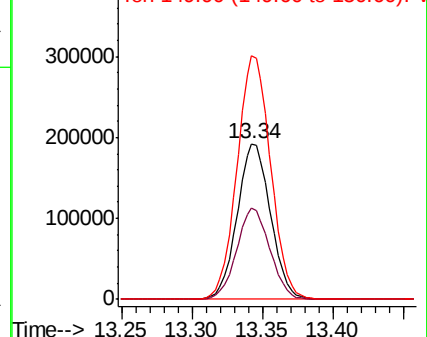
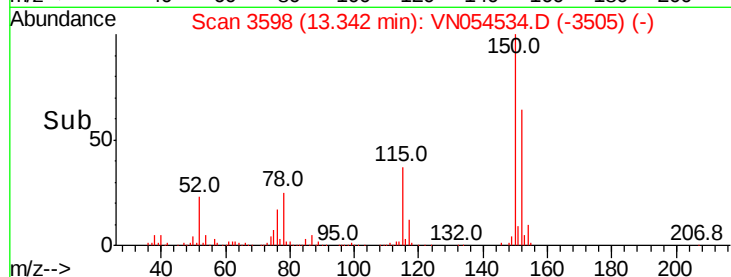


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#87

1,3-Dichlorobenzene

Concen: 0.459 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN054534.D

Acq: 22 Mar 2019 2:43

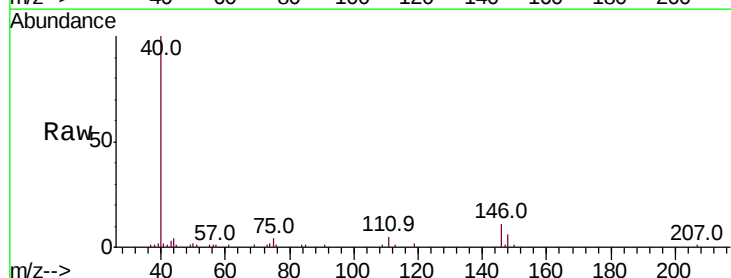
Tgt Ion:146 Resp: 4823

Ion Ratio Lower Upper

146 100

111 40.7 18.8 56.3

148 57.3 32.2 96.6

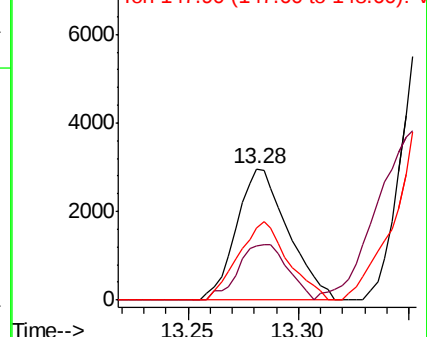
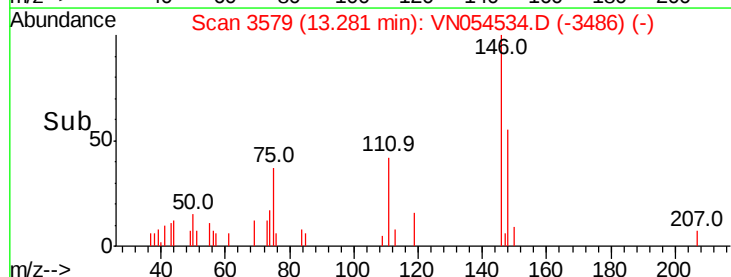


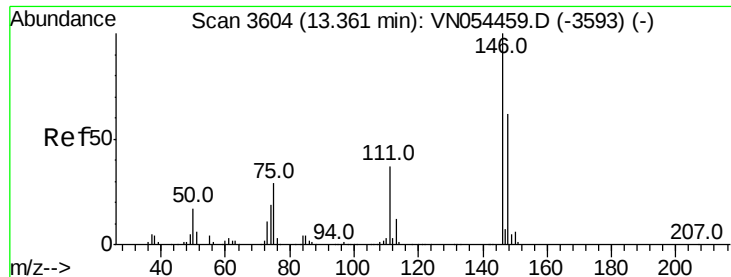
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 1.587 ug/l m

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054534.D

Acq: 22 Mar 2019 2:43

Instrument :

MSVOA_N

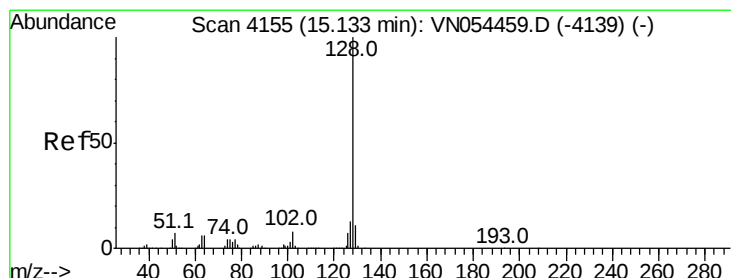
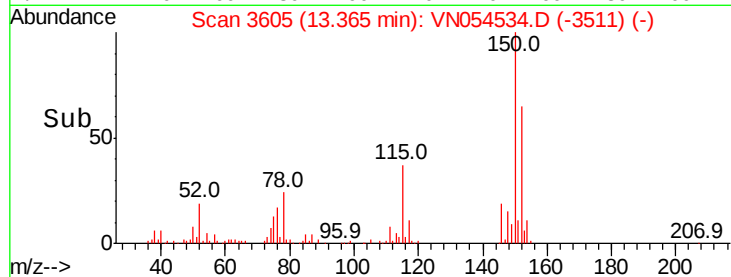
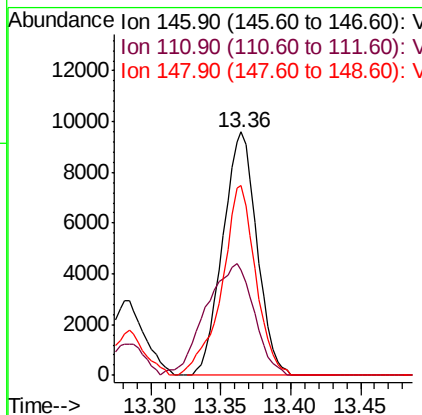
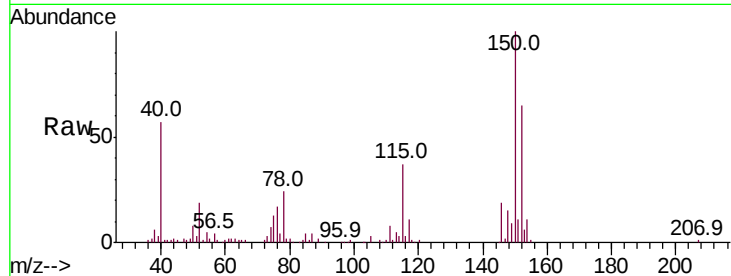
ClientSampleId :

WC-20190319

Tot Ion	Ratio	Lower	Upper
146	100		
111	12.1	18.1	54.1#
148	17.0	32.0	96.0#

Manual Integrations
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#95

Naphthalene

Concen: 3.070 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054534.D

Acq: 22 Mar 2019 2:43

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.1	15.1
129	10.3	8.7	13.1

