

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050222.D
 Acq On : 31 Jul 2018 18:11
 Operator : MD\SY
 Sample : J3825-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-073018-D

Manual Integrations
 APPROVED

MMDadoda
 8/1/2018 11:14:25 AM

Quant Time: Aug 01 04:30:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	655576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1094987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	926468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	359137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	468092	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
35) Dibromofluoromethane	7.59	113	414644	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
50) Toluene-d8	10.09	98	1479306	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
62) 4-Bromofluorobenzene	12.40	95	416956	38.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.06%	
Target Compounds						
16) Acetone	3.83	43	21559	5.764	ug/l	93
18) Methyl Acetate	4.33	43	24476	1.335	ug/l	91
20) Methylene Chloride	4.55	84	35111	3.154	ug/l	96
30) Chloroform	7.38	83	21901	1.413	ug/l	98
43) Isopropyl Acetate	8.17	43	332143	19.804	ug/l	93
59) 2-Hexanone	10.77	43	18660	8.115	ug/l #	61
68) m/p-Xylenes	11.62	106	14563	1.024	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	37363	1.692	ug/l	100
95) Naphthalene	15.13	128	16395	5.326	ug/l	99

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

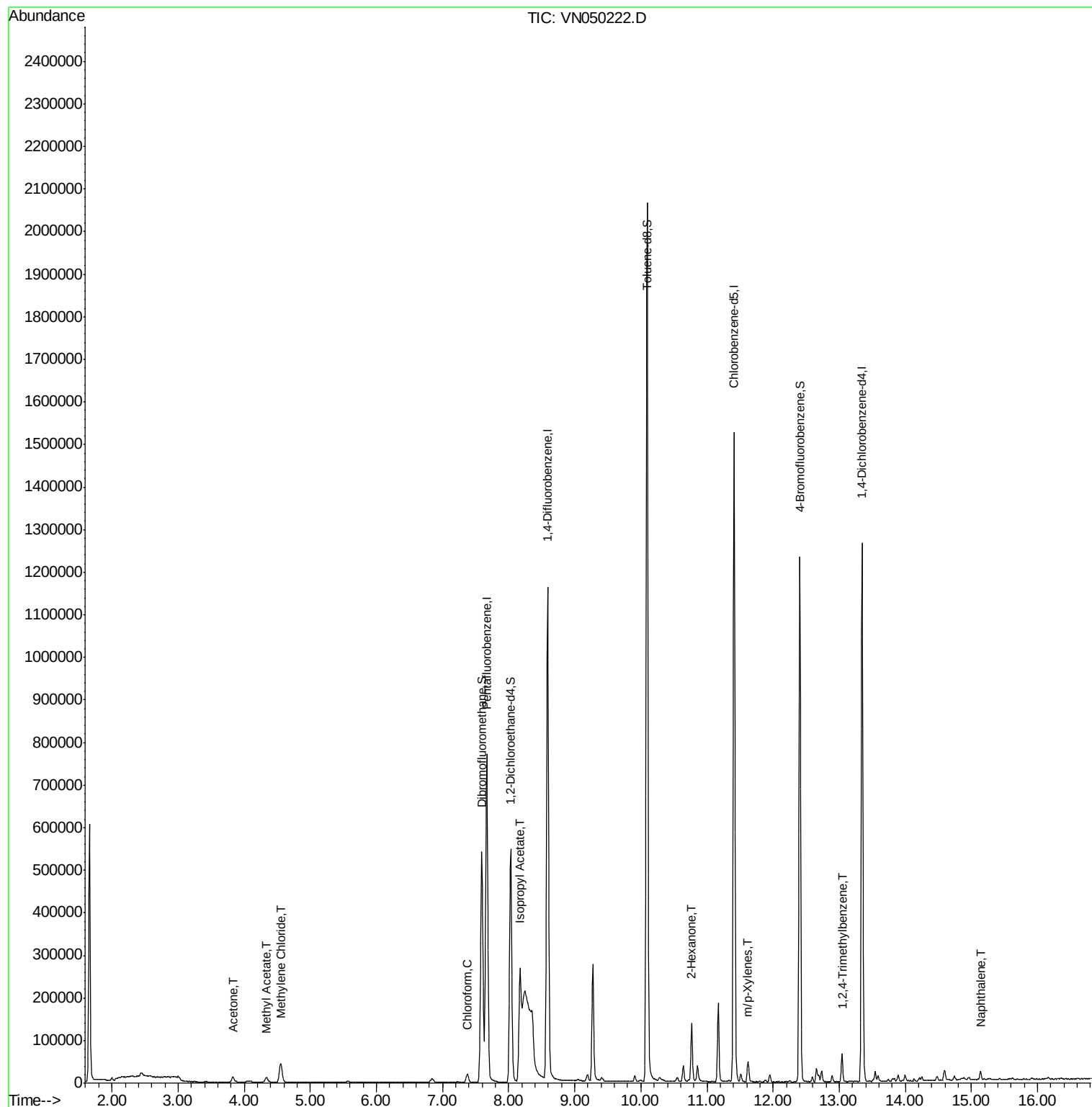
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
Data File : VN050222.D
Acq On : 31 Jul 2018 18:11
Operator : MD\SY
Sample : J3825-18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

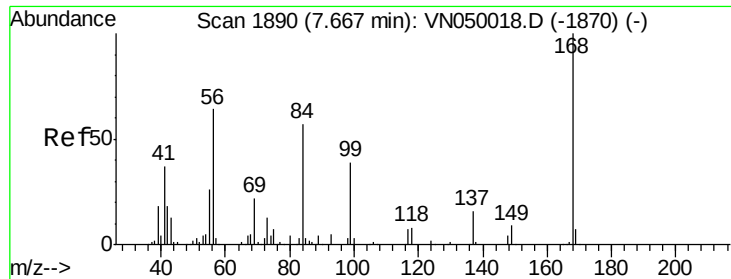
Instrument :
MSVOA_N
ClientSampleId :
CL-01-073018-D

Manual Integrations
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8/1/2018 11:14:25 AM

Quant Time: Aug 01 04:30:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050222.D

Acq: 31 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

CL-01-073018-D

Tot Ion:168 Resp: 655576

Ion Ratio Lower Upper

168 100

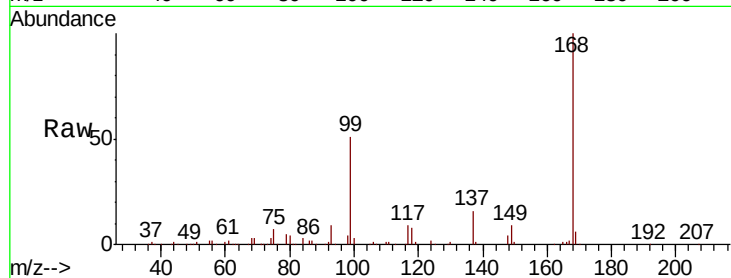
99 51.0 40.0 60.0

Manual Integrations

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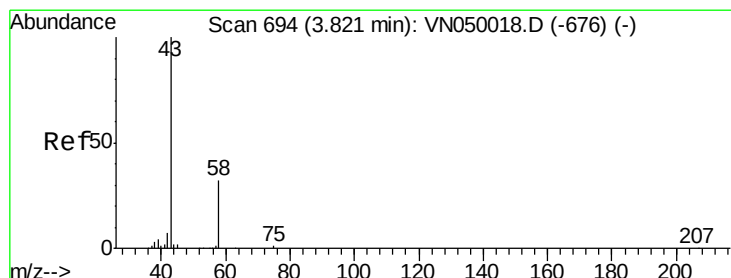
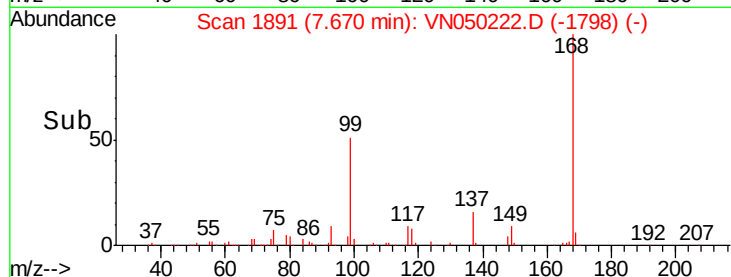
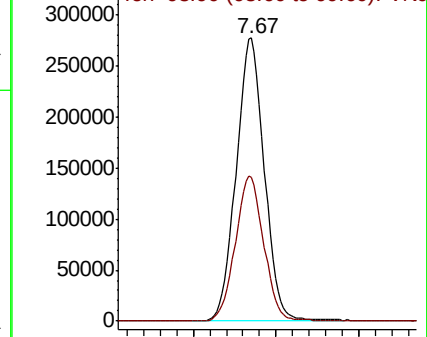
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.764 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050222.D

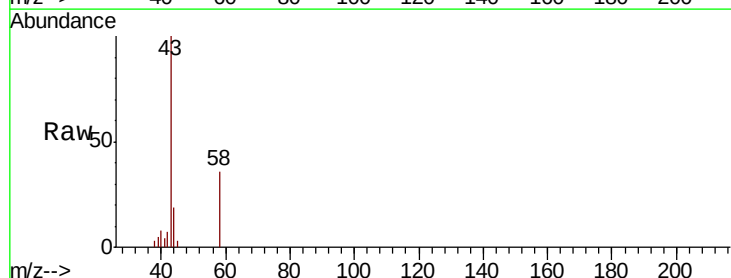
Acq: 31 Jul 2018 18:11

Tgt Ion: 43 Resp: 21559

Ion Ratio Lower Upper

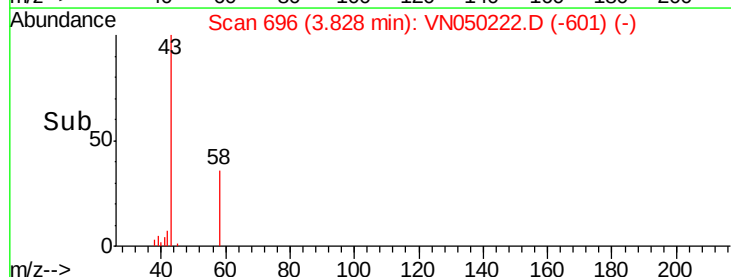
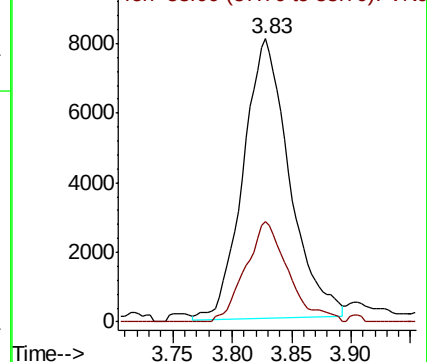
43 100

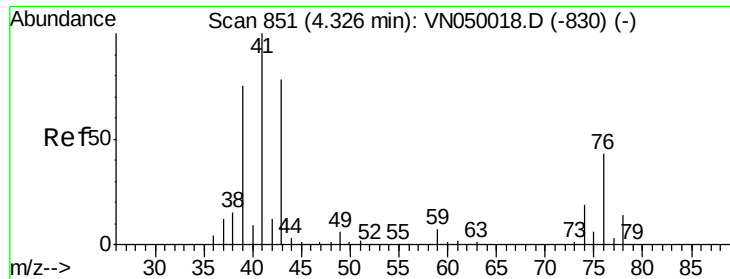
58 36.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





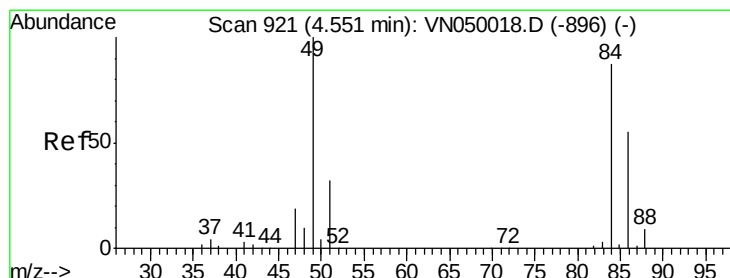
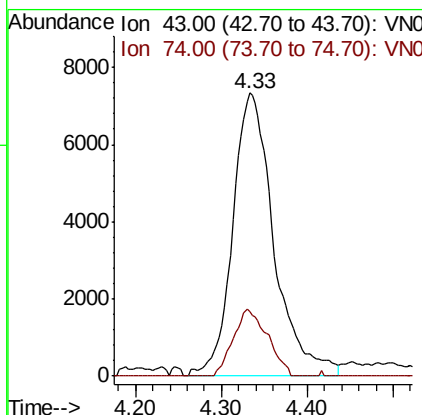
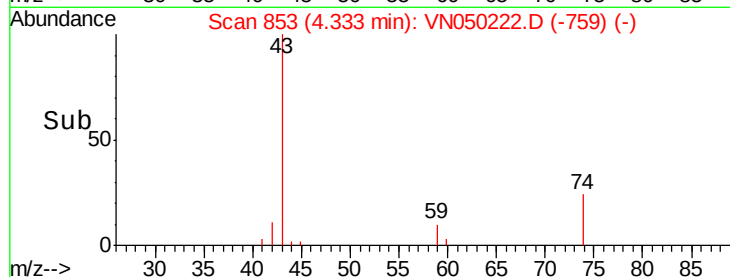
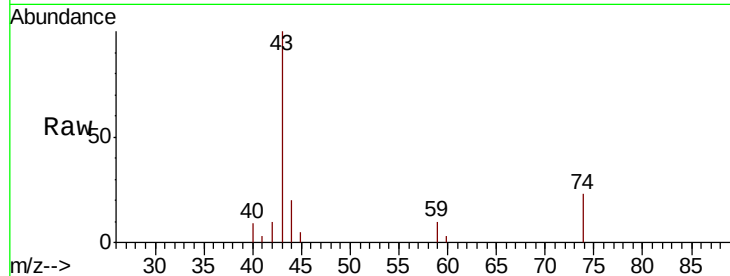
#18
Methyl Acetate
Concen: 1.335 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050222.D
Acq: 31 Jul 2018 18:11

Instrument :
MSVOA_N
ClientSampled :
CL-01-073018-D

Tot Ion: 43 Resp: 24476
Ion Ratio Lower Upper
43 100
74 19.6 19.2 28.8

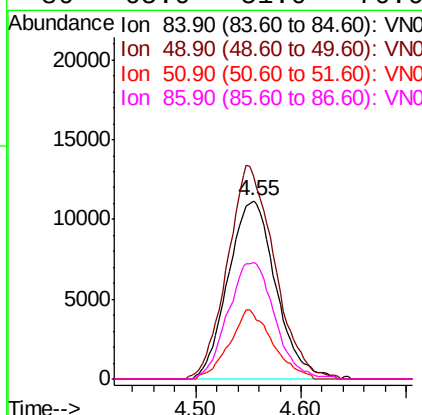
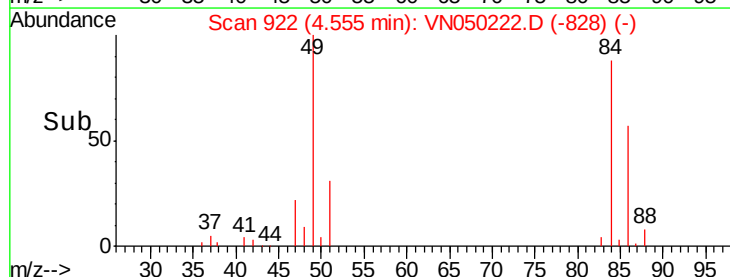
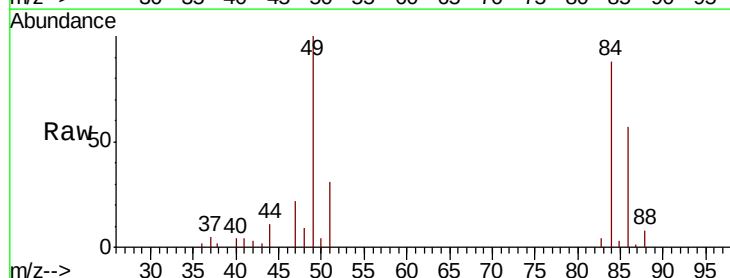
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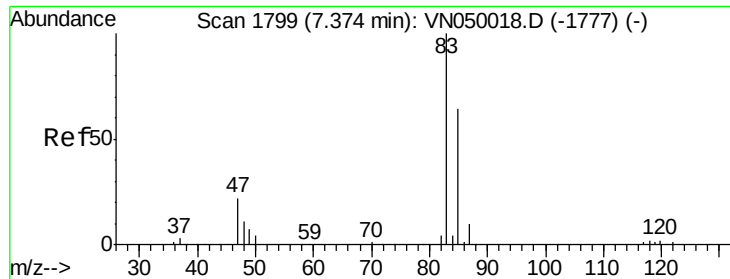
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#20
Methylene Chloride
Concen: 3.154 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050222.D
Acq: 31 Jul 2018 18:11

Tgt Ion: 84 Resp: 35111
Ion Ratio Lower Upper
84 100
49 111.9 94.8 142.2
51 35.6 28.3 42.5
86 65.0 51.0 76.6





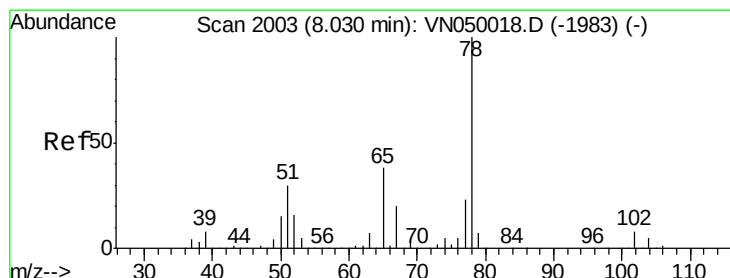
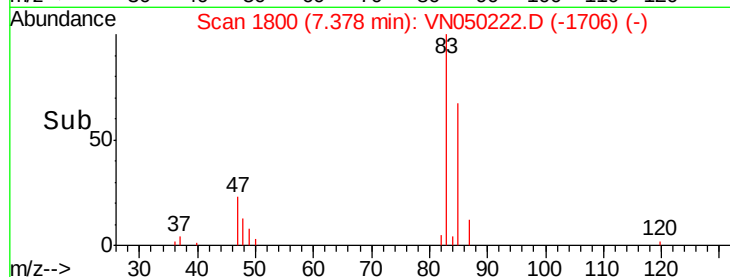
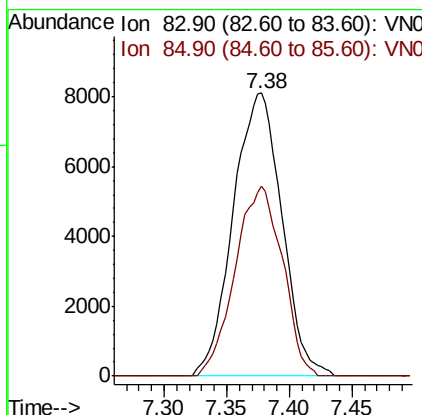
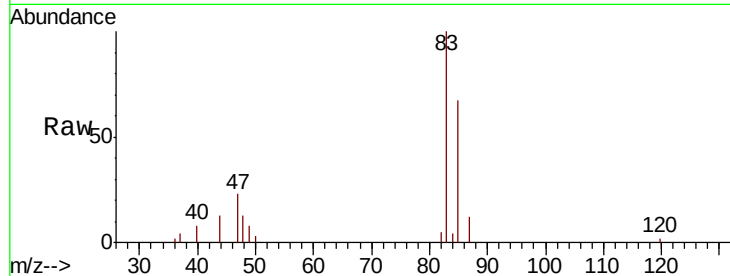
#30
Chloroform
Concen: 1.413 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050222.D
Acq: 31 Jul 2018 18:11

Instrument :
MSVOA_N
ClientSampleId :
CL-01-073018-D

Tot Ion: 83 Resp: 21901
Ion Ratio Lower Upper
83 100
85 67.3 52.5 78.7

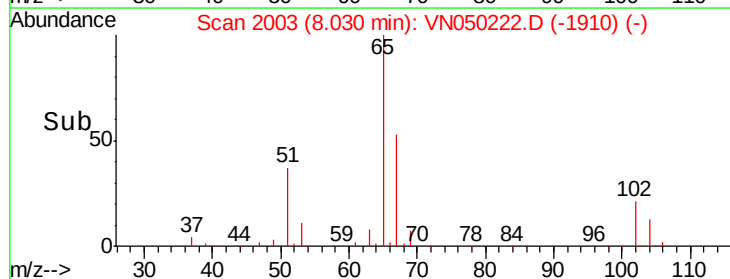
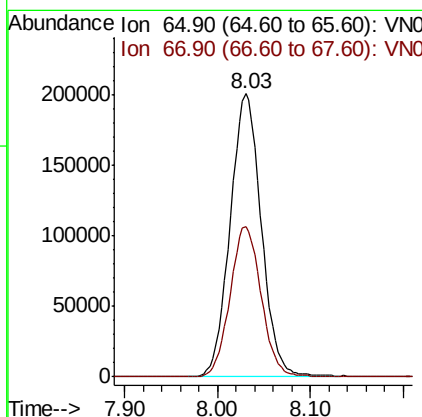
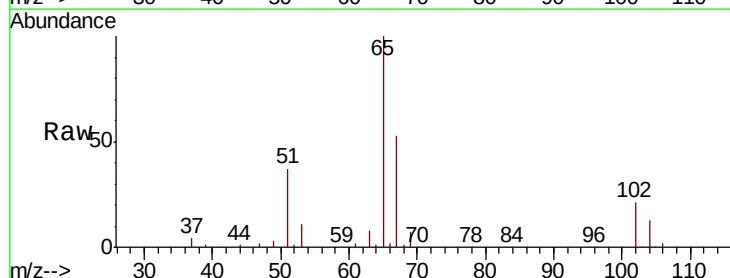
Manual Integrations
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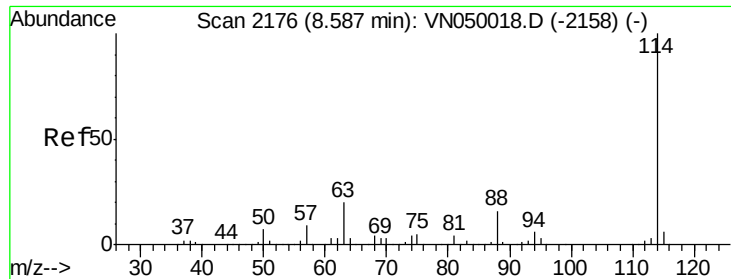
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#33
1,2-Dichloroethane-d4
Concen: 51.175 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050222.D
Acq: 31 Jul 2018 18:11

Tgt Ion: 65 Resp: 468092
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050222.D

Acq: 31 Jul 2018 18:11

Instrument :

MSVOA_N

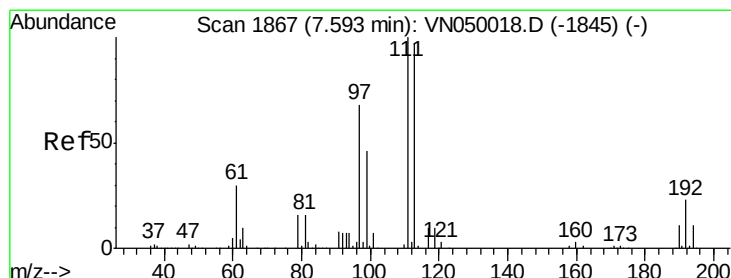
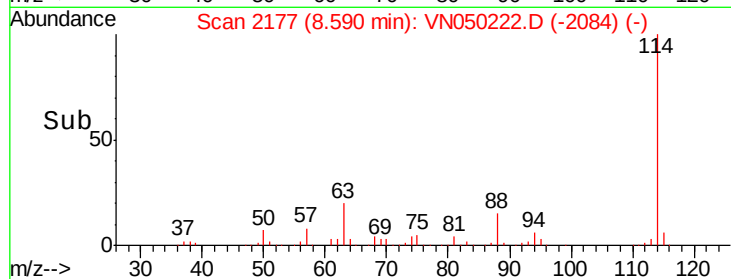
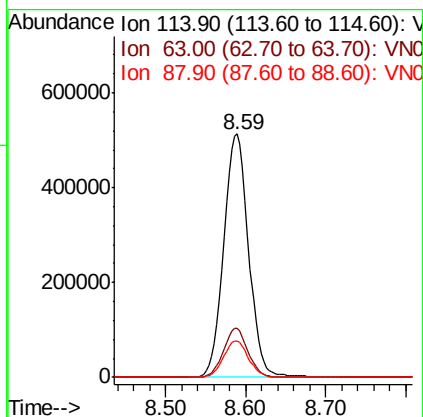
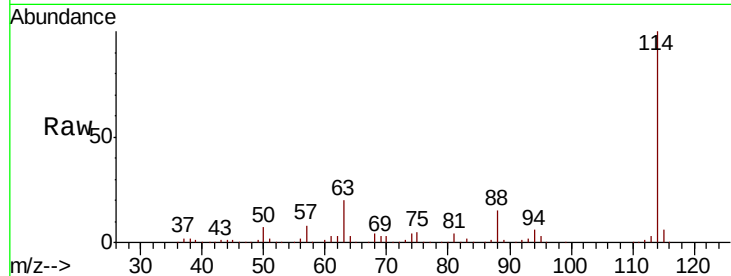
ClientSampleId :

CL-01-073018-D

Tot Ion:	114	Resp:	1094987
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.0
88	15.0	0.0	31.2

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#35

Dibromofluoromethane

Concen: 46.379 ug/l

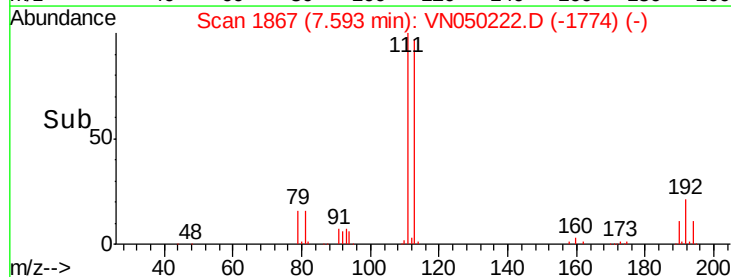
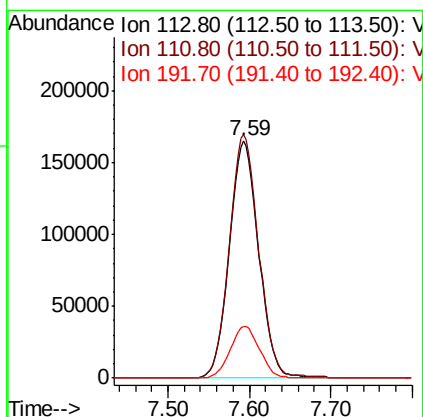
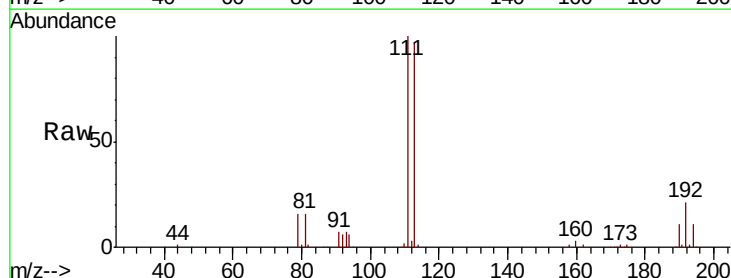
RT: 7.59 min Scan# 1867

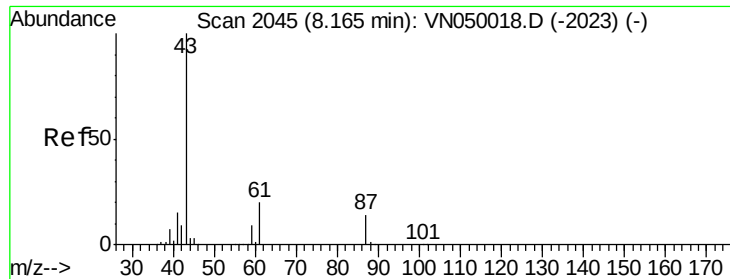
Delta R.T. 0.00 min

Lab File: VN050222.D

Acq: 31 Jul 2018 18:11

Tgt Ion:	113	Resp:	414644
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	21.8	17.8	26.6





#43

Isopropyl Acetate

Concen: 19.804 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050222.D

Acq: 31 Jul 2018 18:11

Instrument :

MSVOA_N

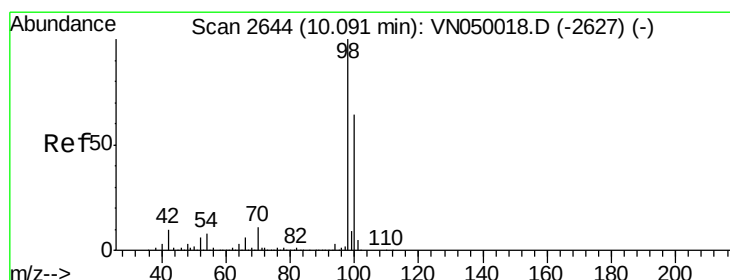
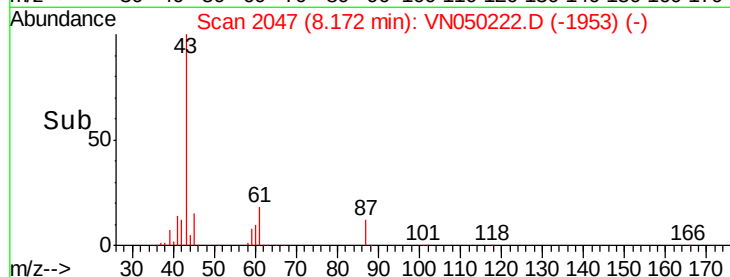
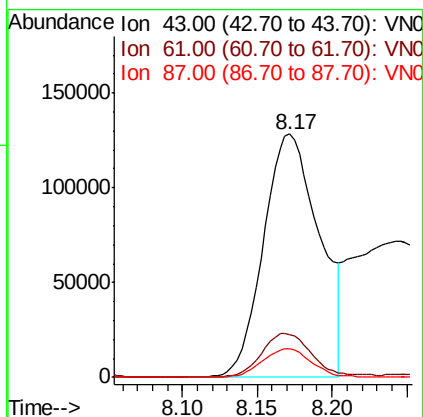
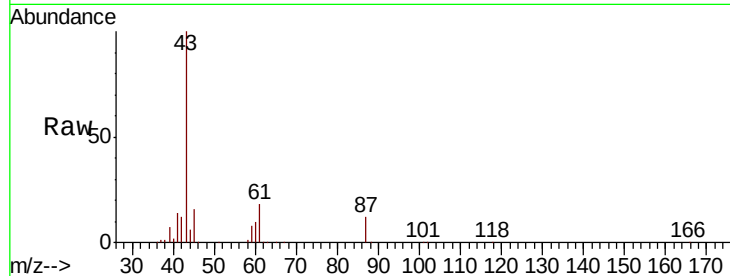
ClientSampled :

CL-01-073018-D

Tot Ion:	43	Resp:	332143
Ion	Ratio	Lower	Upper
43	100		
61	16.6	15.8	23.6
87	10.3	10.3	15.5

Manual Integrations
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#50

Toluene-d8

Concen: 45.007 ug/l

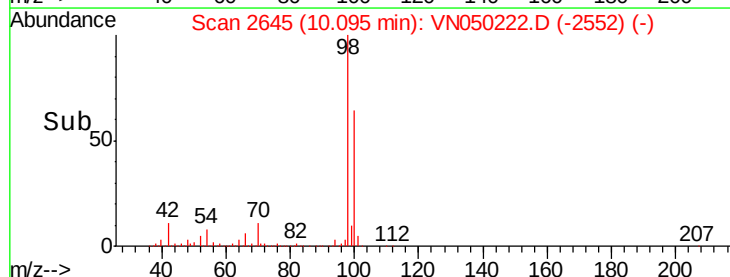
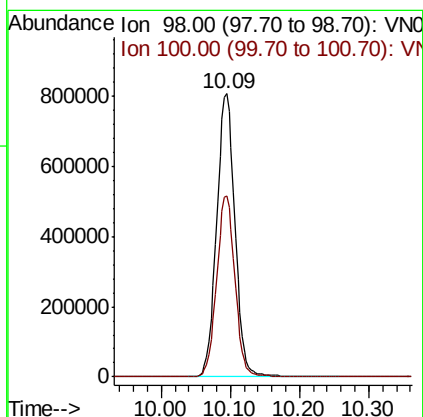
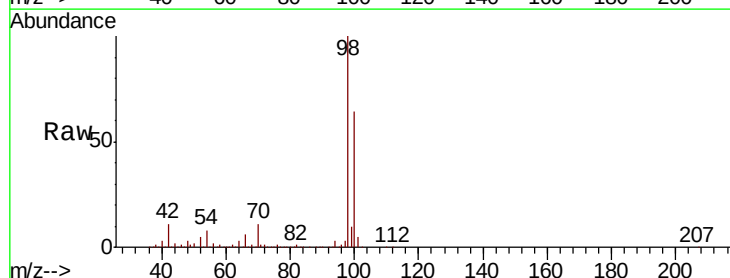
RT: 10.09 min Scan# 2645

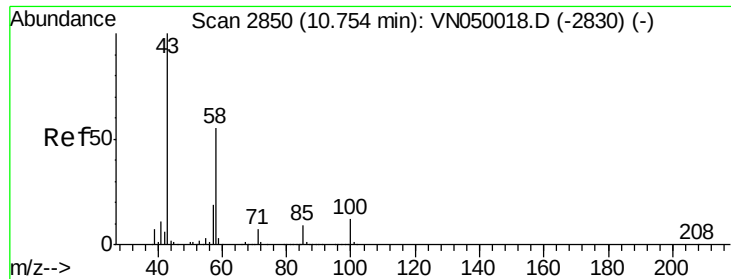
Delta R.T. 0.00 min

Lab File: VN050222.D

Acq: 31 Jul 2018 18:11

Tgt Ion:	98	Resp:	1479306
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.7	76.1





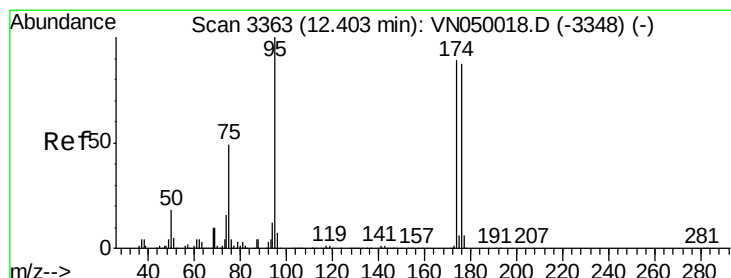
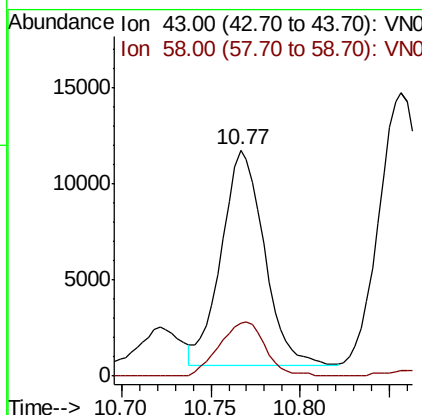
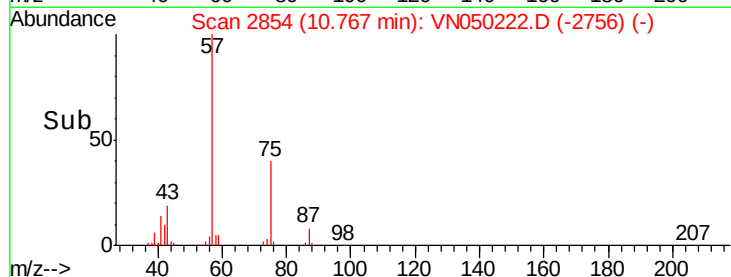
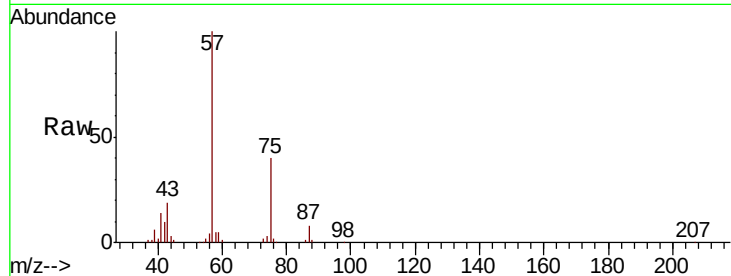
#59
2-Hexanone
Concen: 8.115 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050222.D
Acq: 31 Jul 2018 18:11

Instrument :
MSVOA_N
ClientSampled :
CL-01-073018-D

Tot Ion: 43 Resp: 18660
Ion Ratio Lower Upper
43 100
58 26.9 27.6 82.7#

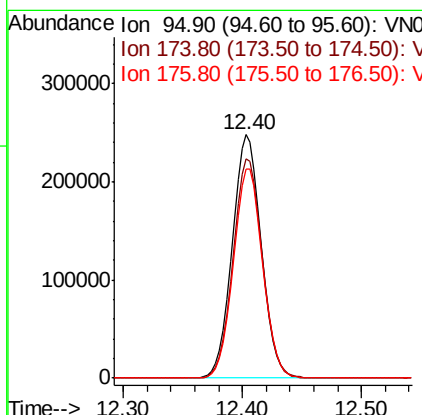
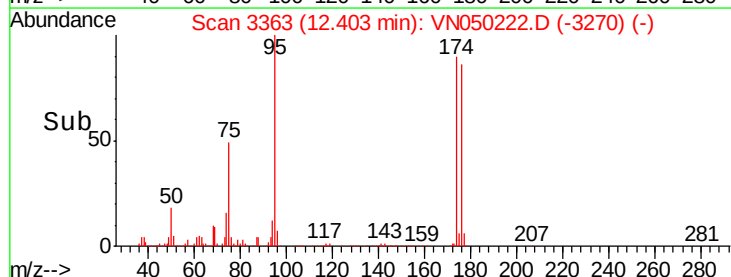
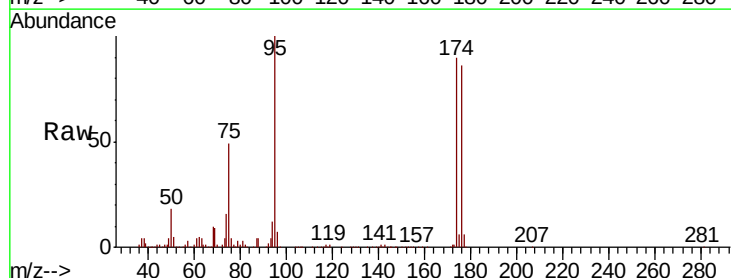
Manual Integrations
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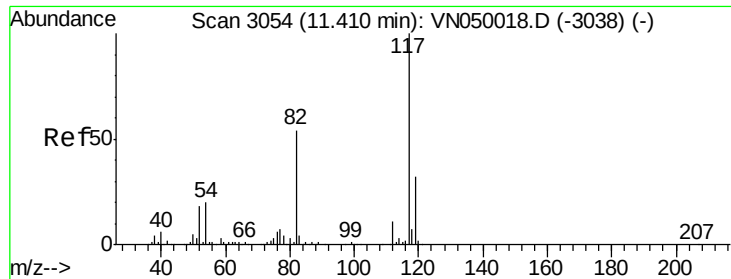
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#62
4-Bromofluorobenzene
Concen: 38.526 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050222.D
Acq: 31 Jul 2018 18:11

Tgt Ion: 95 Resp: 416956
Ion Ratio Lower Upper
95 100
174 91.4 0.0 178.2
176 87.0 0.0 173.4





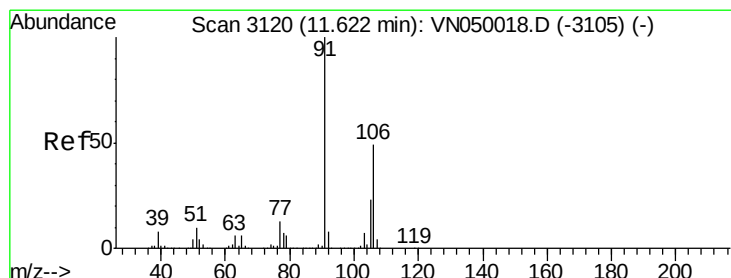
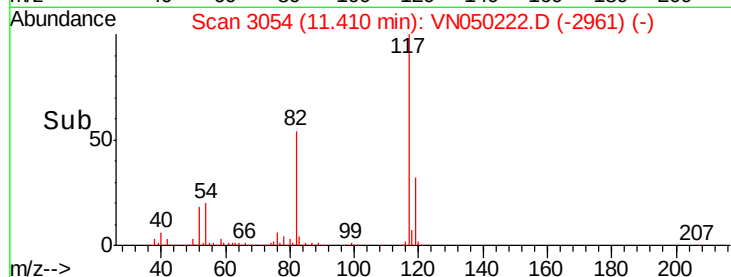
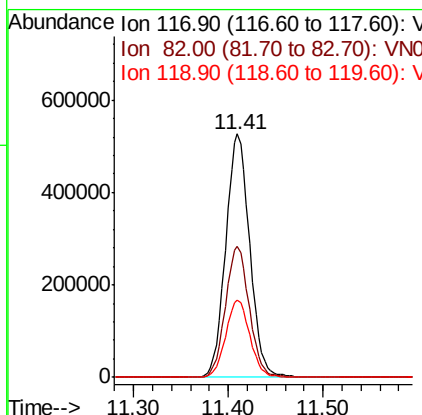
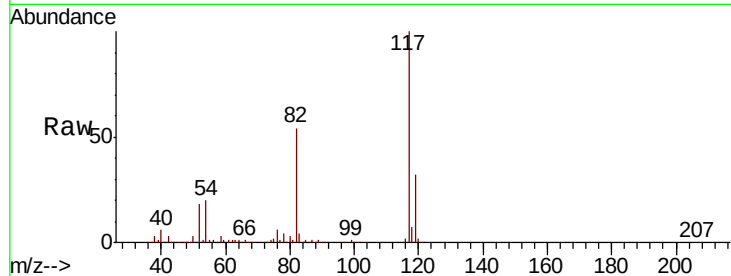
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050222.D
Acq: 31 Jul 2018 18:11

Instrument :
MSVOA_N
ClientSampled :
CL-01-073018-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.7	65.5
119	31.8	26.1	39.1

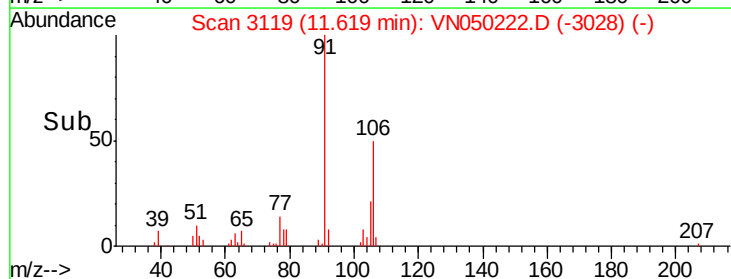
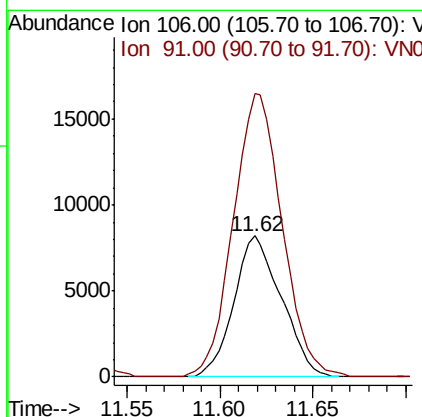
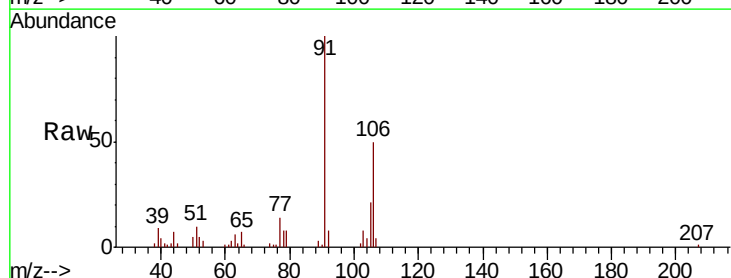
Manual Integrations
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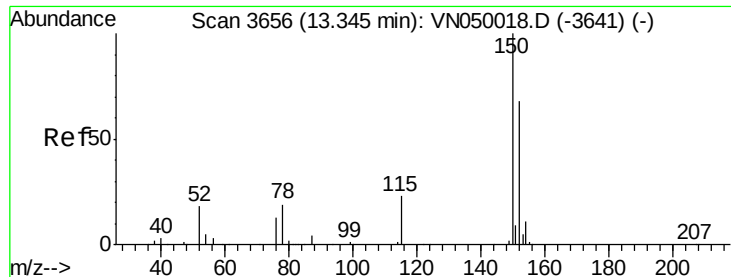
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#68
m/p-Xylenes
Concen: 1.024 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050222.D
Acq: 31 Jul 2018 18:11

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.1	162.2	243.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050222.D

Acq: 31 Jul 2018 18:11

Instrument :

MSVOA_N

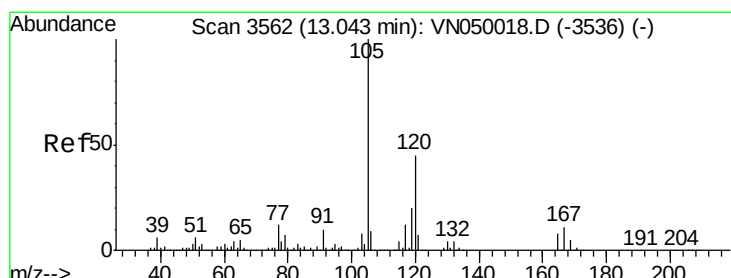
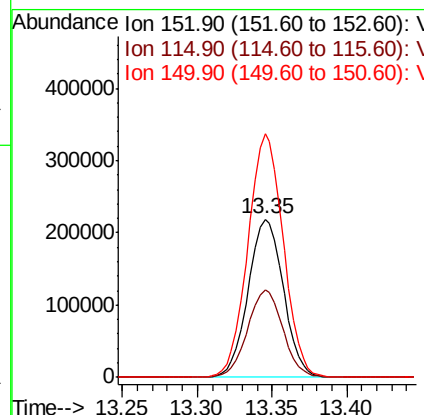
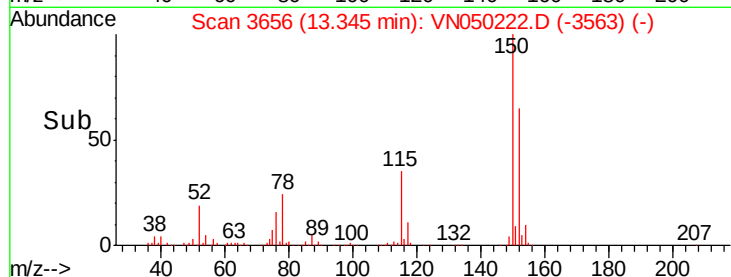
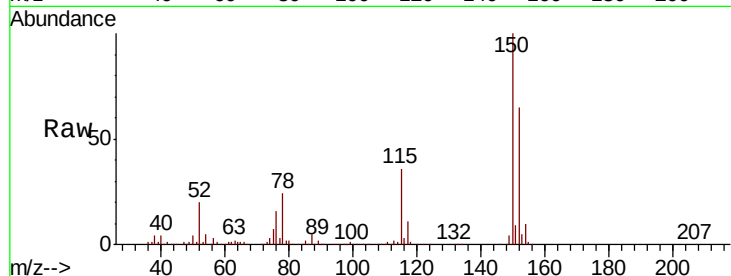
ClientSampled :

CL-01-073018-D

Tot Ion:	152	Resp:	359137
Ion Ratio	Lower	Upper	
152	100		
115	55.4	27.8	83.3
150	154.2	0.0	348.6

Manual Integrations
APPROVED

MMDadoda
8/1/2018 11:14:25 AM



#84

1,2,4-Trimethylbenzene

Concen: 1.692 ug/l

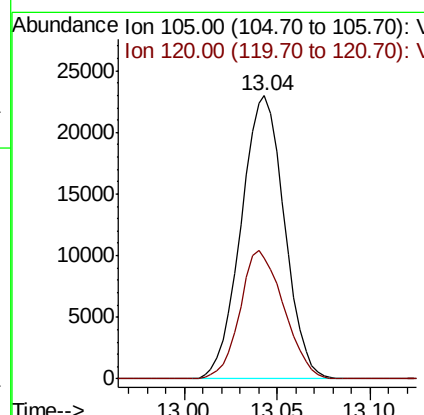
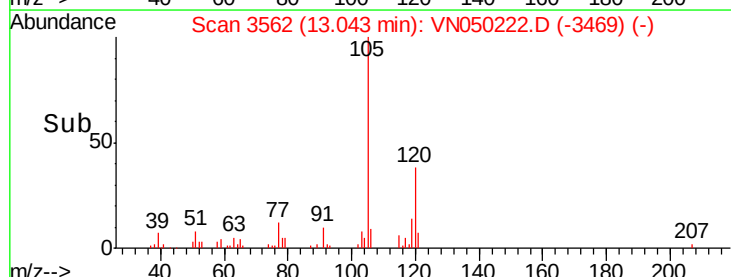
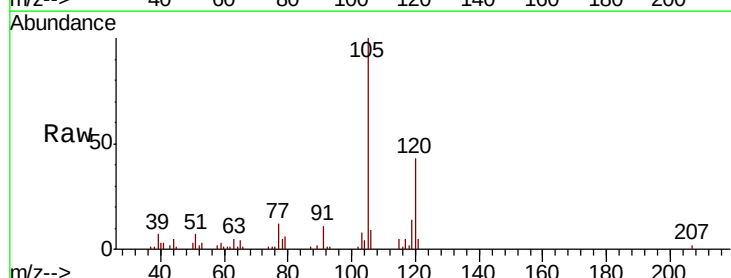
RT: 13.04 min Scan# 3562

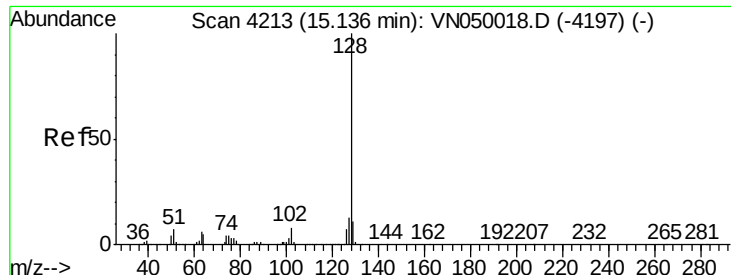
Delta R.T. 0.00 min

Lab File: VN050222.D

Acq: 31 Jul 2018 18:11

Tgt Ion:	105	Resp:	37363
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.9	68.7





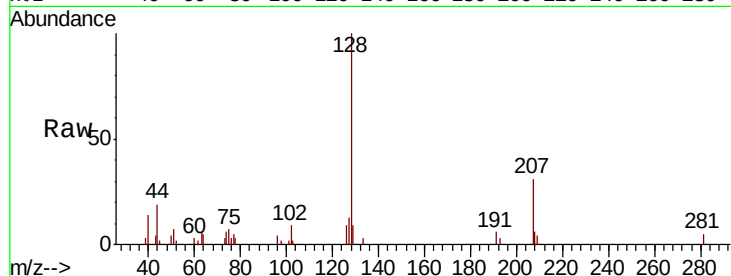
#95
Naphthalene
Concen: 5.326 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050222.D
Acq: 31 Jul 2018 18:11

Instrument :
MSVOA_N
ClientSampleId :
CL-01-073018-D

Tot Ion	Ratio	Resp	Lower	Upper
128	100	16395		
127	13.5		10.4	15.6
129	10.5		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/1/2018 11:14:25 AM



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

