

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050230.D
 Acq On : 31 Jul 2018 21:30
 Operator : MD\SY
 Sample : J3825-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations
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MMDadoda
 8/1/2018 11:14:29 AM

Quant Time: Aug 01 04:55:48 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	664200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1084455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	930794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	343599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	472646	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	7.59	113	418606	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	10.09	98	1481401	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	12.40	95	410138	38.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.52%	
Target Compounds						
16) Acetone	3.82	43	535698	245.330	ug/l	99
18) Methyl Acetate	4.34	43	27415	1.653	ug/l	100
20) Methylene Chloride	4.51	84	57455975m	7171.290	ug/l	
29) Tetrahydrofuran	7.22	42	2477	1.084	ug/l #	73
30) Chloroform	7.37	83	22618	1.440	ug/l	97
43) Isopropyl Acetate	8.17	43	361119	21.855	ug/l #	89
59) 2-Hexanone	10.77	43	18547	8.126	ug/l #	59
95) Naphthalene	15.14	128	19321	5.538	ug/l	99

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

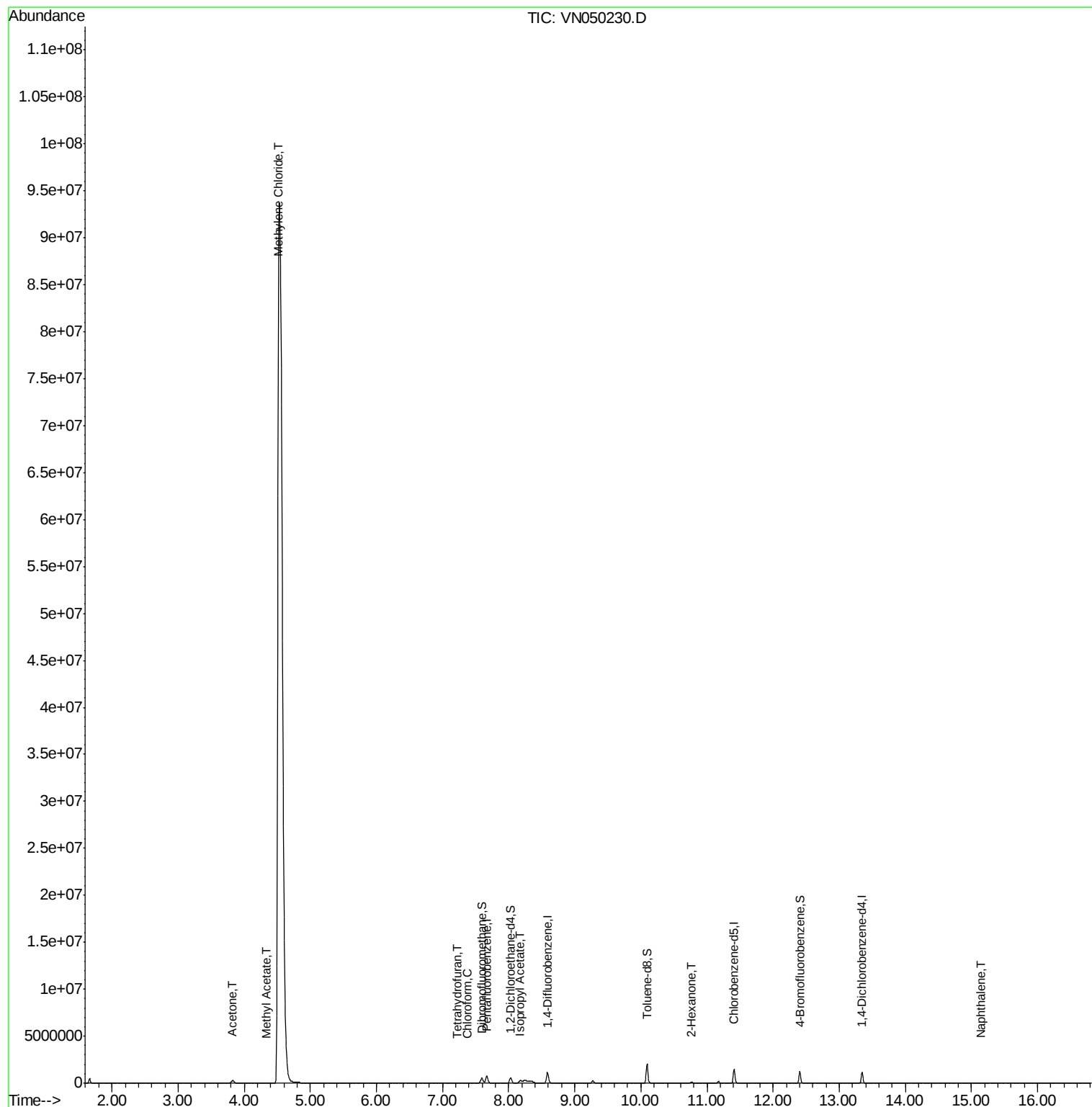
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

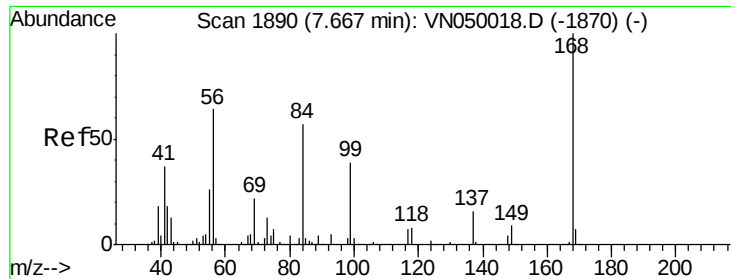
Instrument :
MSVOA_N
ClientSampleId :
CL-01-073018-E

Manual Integrations
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8/1/2018 11:14:29 AM

Quant Time: Aug 01 04:55:48 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: VN050230.D

Acq: 31 Jul 2018 21:30

Instrument :

MSVOA_N

ClientSampleId :

CL-01-073018-E

Tot Ion:168 Resp: 664200

Ion Ratio Lower Upper

168 100

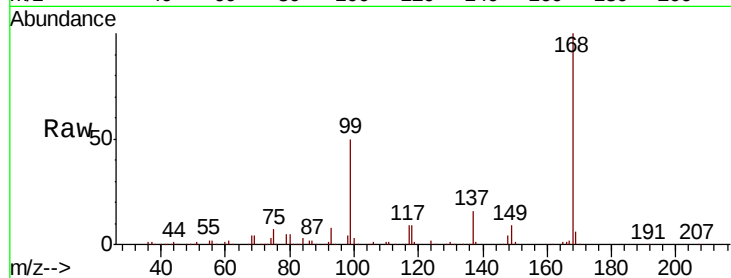
99 49.8 40.0 60.0

Manual Integrations

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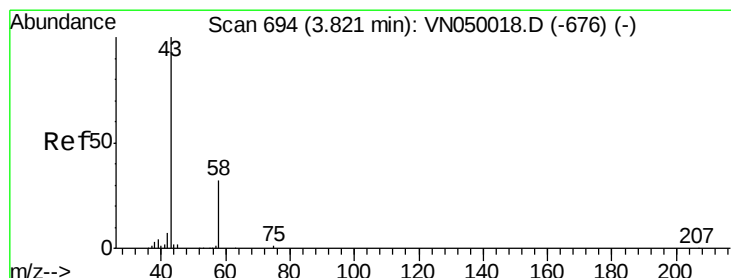
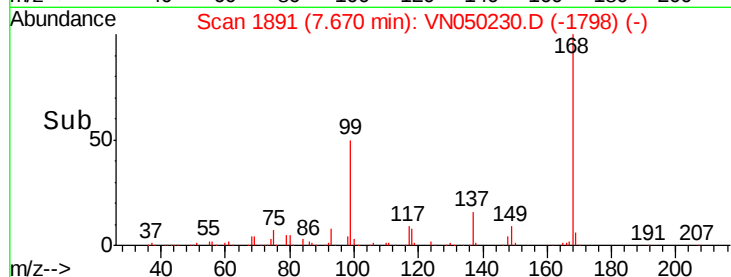
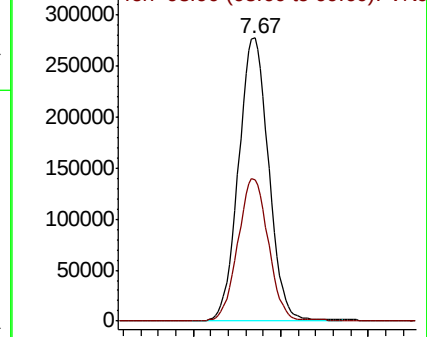
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 245.330 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050230.D

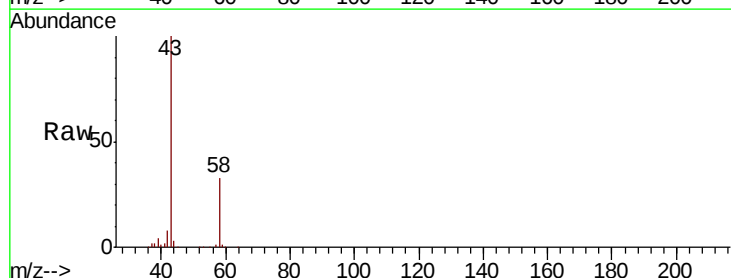
Acq: 31 Jul 2018 21:30

Tgt Ion: 43 Resp: 535698

Ion Ratio Lower Upper

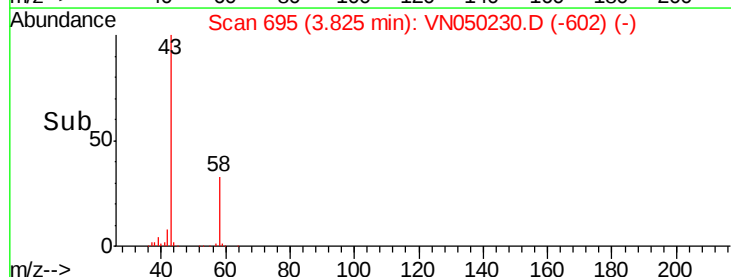
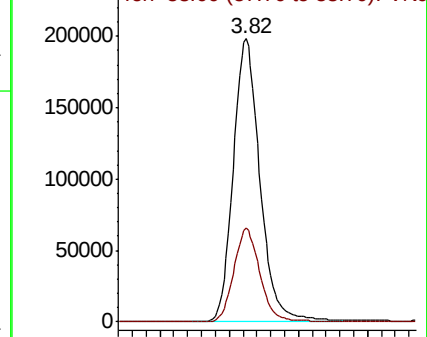
43 100

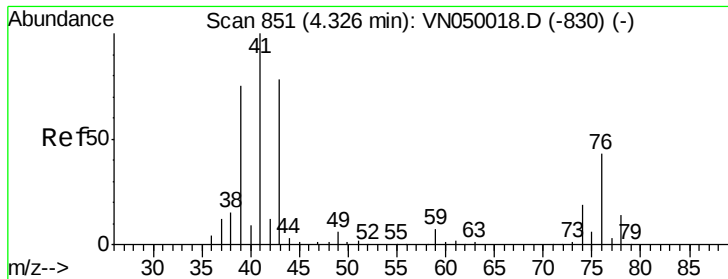
58 33.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methvl Acetate

Concen: 1.653 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050230.D

Acq: 31 Jul 2018 21:30

Instrument :

MSVOA_N

ClientSampleId :

CL-01-073018-E

Tot Ion: 43 Resp: 27415

Ion Ratio Lower Upper

43 100

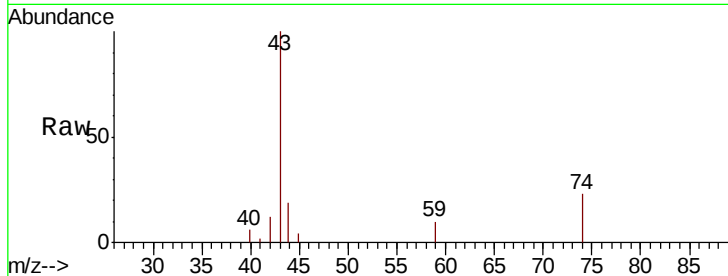
74 23.9 19.2 28.8

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Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

10000

8000

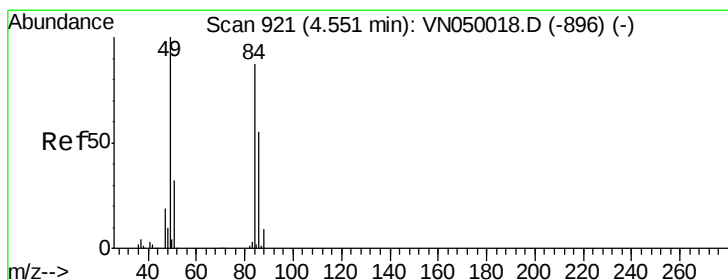
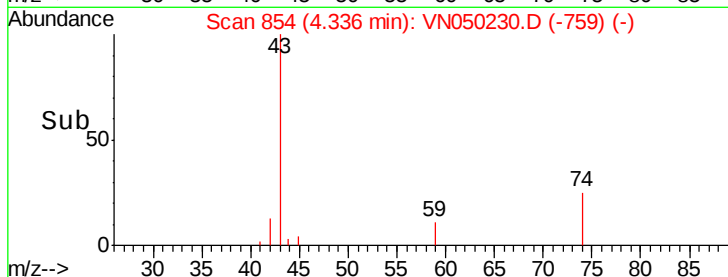
6000

4000

2000

0

Time--> 4.20 4.30 4.40



#20

Methylene Chloride

Concen: 7171.290 ug/l m

RT: 4.51 min Scan# 907

Delta R.T. -0.04 min

Lab File: VN050230.D

Acq: 31 Jul 2018 21:30

Tgt Ion: 84 Resp: 57455975

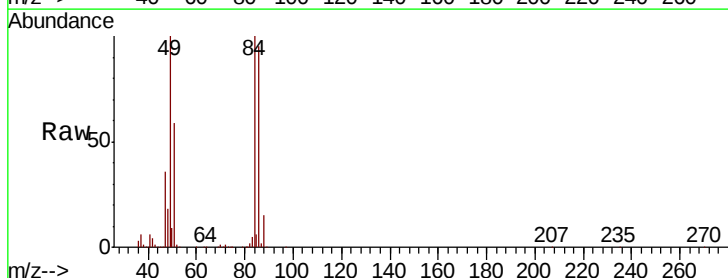
Ion Ratio Lower Upper

84 100

49 100.0 94.8 142.2

51 59.4 28.3 42.5#

86 94.8 51.0 76.6#



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

1.2e+07

1e+07

8000000

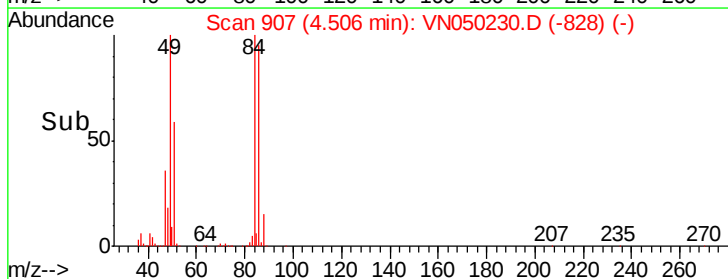
6000000

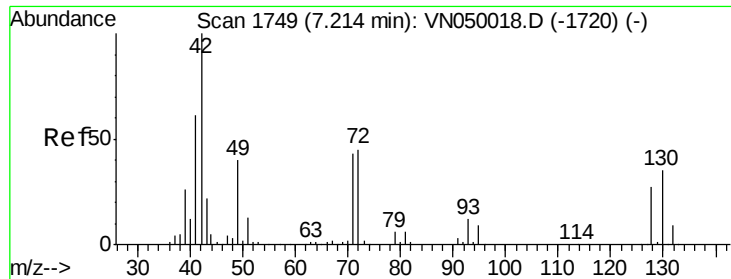
4000000

2000000

0

Time--> 4.50 5.00





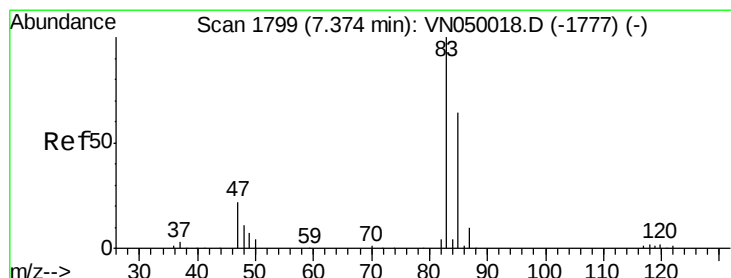
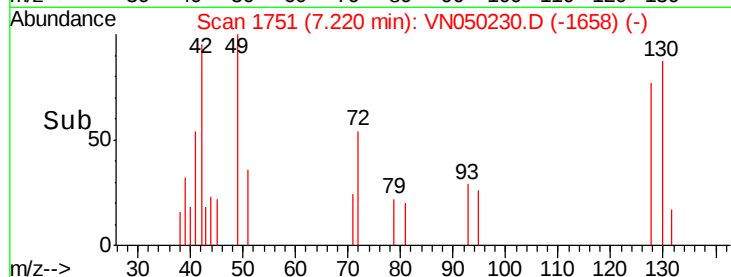
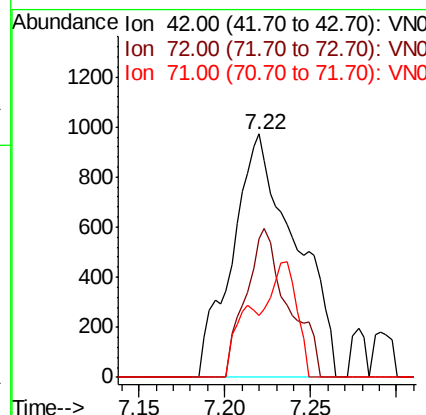
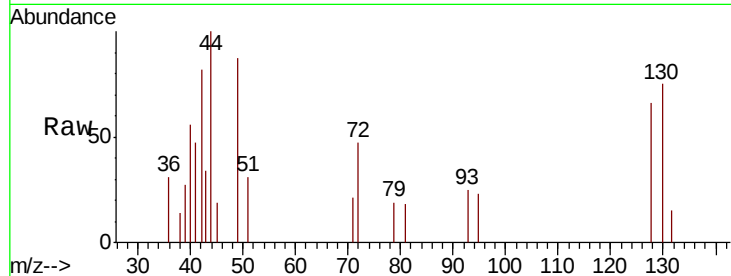
#29
Tetrahydrofuran
Concen: 1.084 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050230.D
Acq: 31 Jul 2018 21:30

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	35.9	53.9
71	11.3	33.7	50.5#

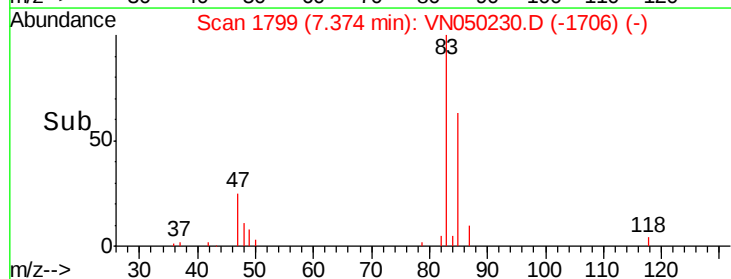
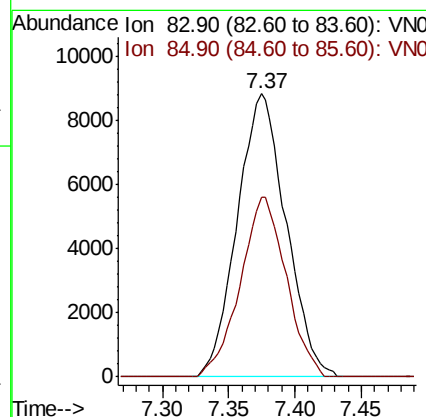
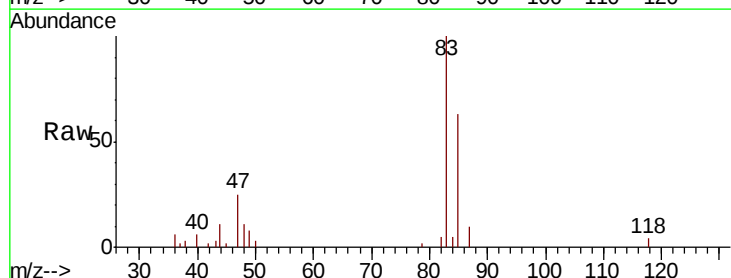
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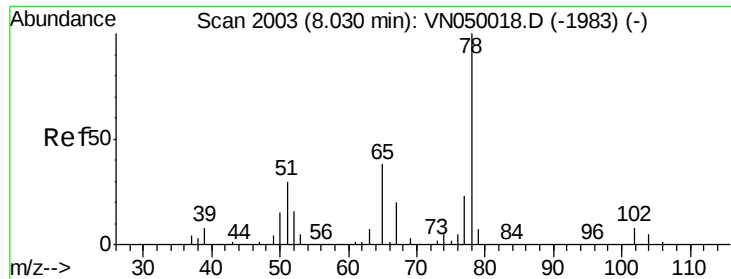
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#30
Chloroform
Concen: 1.440 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050230.D
Acq: 31 Jul 2018 21:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.5	78.7





#33

1,2-Dichloroethane-d4

Concen: 51.002 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050230.D

Acq: 31 Jul 2018 21:30

Instrument :

MSVOA_N

ClientSampleId :

CL-01-073018-E

Tot Ion: 65 Resp: 472646

Ion Ratio Lower Upper

65 100

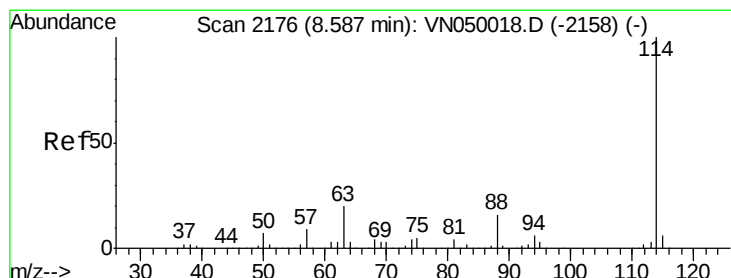
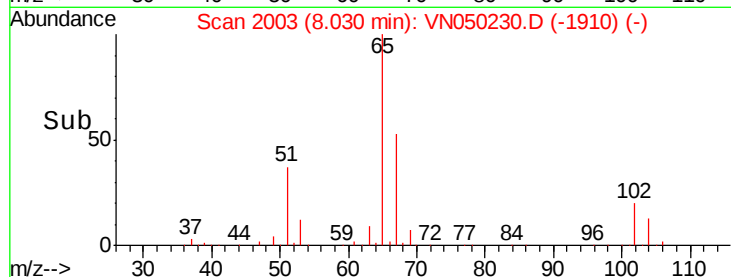
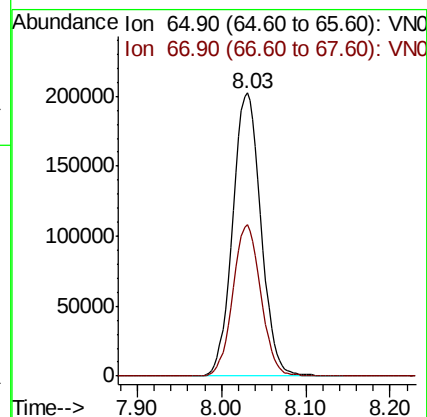
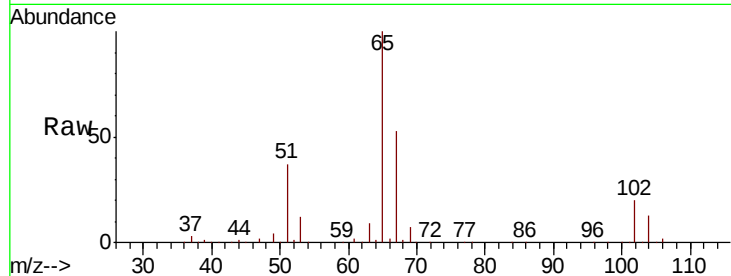
67 52.9 0.0 108.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050230.D

Acq: 31 Jul 2018 21:30

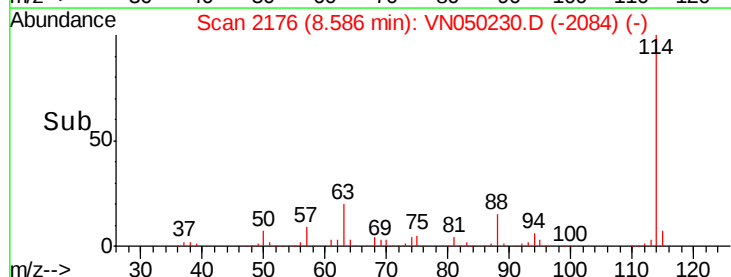
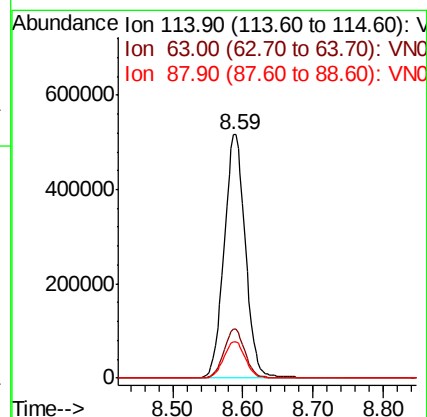
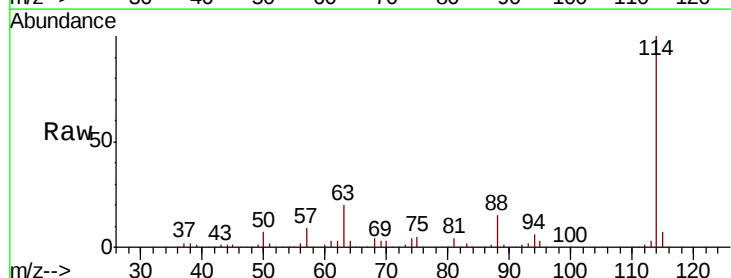
Tgt Ion: 114 Resp: 1084455

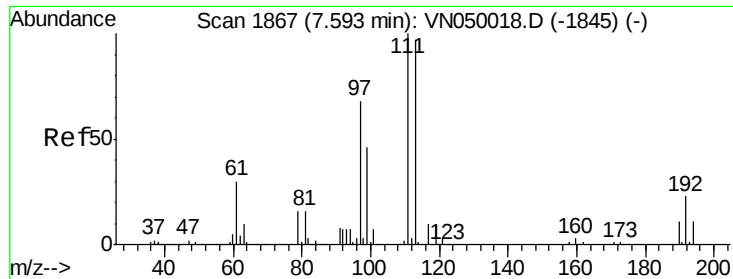
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.1 0.0 31.2





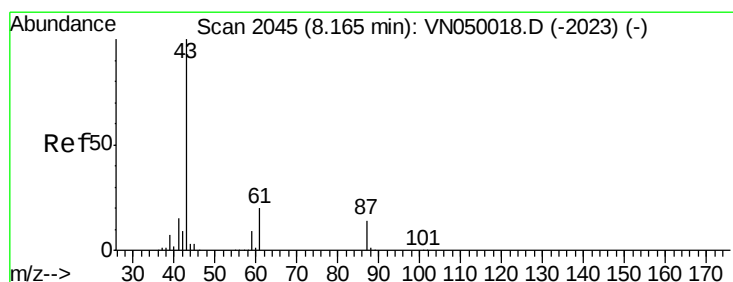
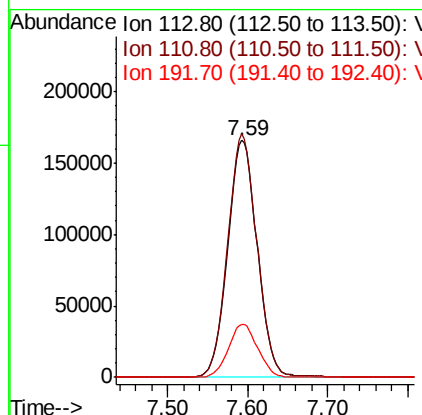
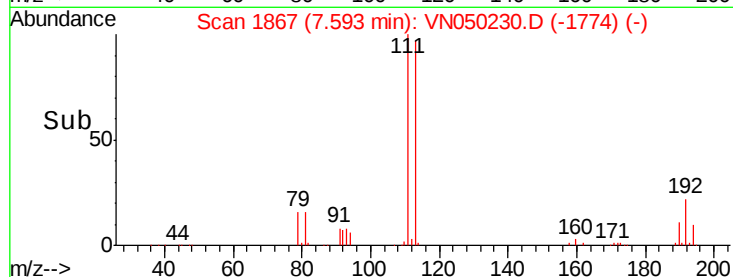
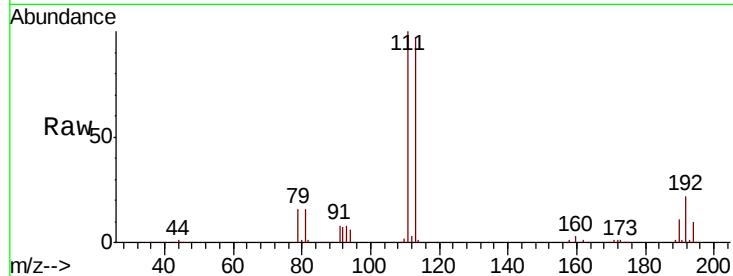
#35
Dibromofluoromethane
Concen: 47.277 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050230.D
Acq: 31 Jul 2018 21:30

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.3	80.7	121.1	
192	22.1	17.8	26.6	

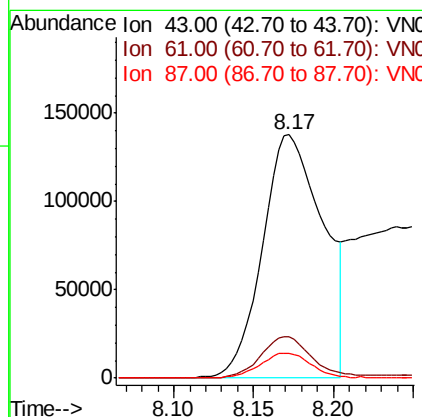
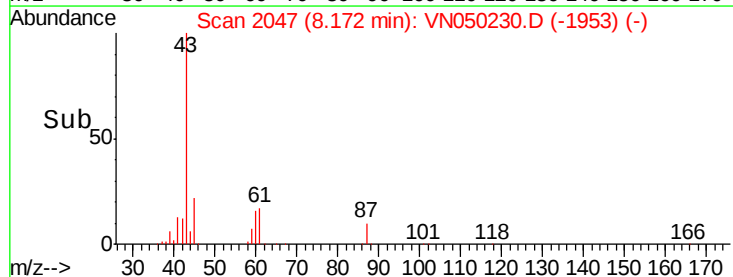
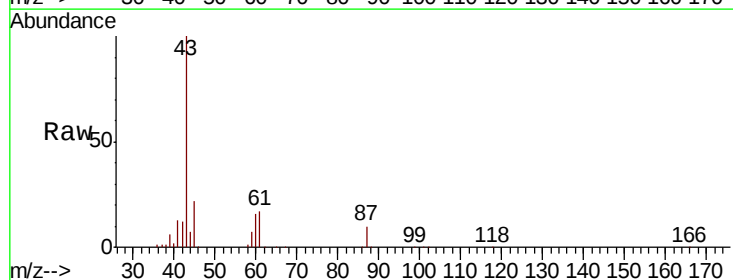
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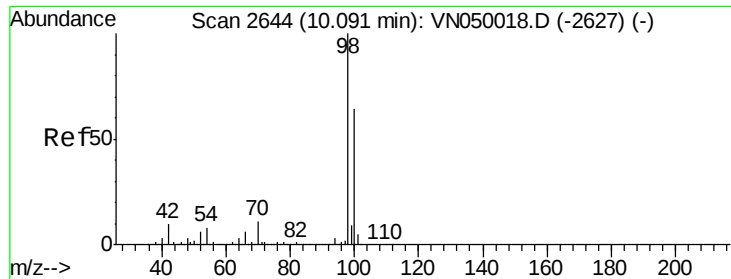
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#43
Isopropyl Acetate
Concen: 21.855 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050230.D
Acq: 31 Jul 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	14.6	15.8	23.6#	
87	8.8	10.3	15.5#	





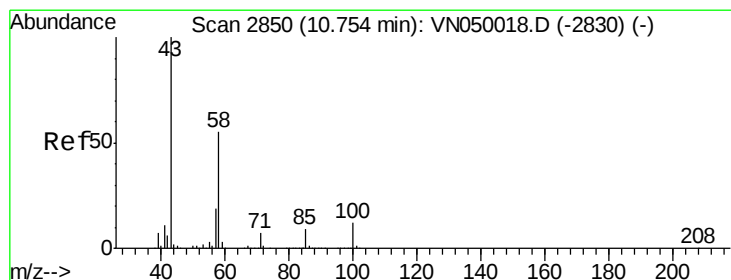
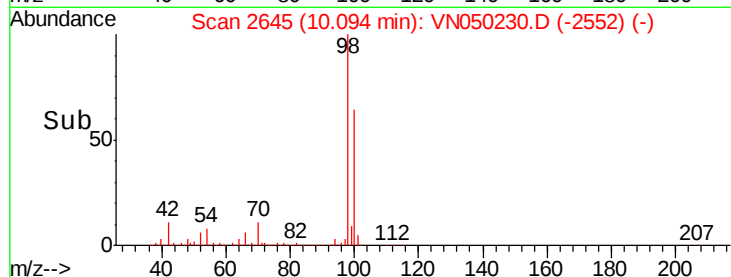
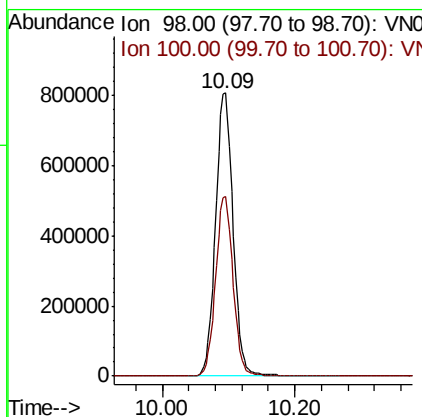
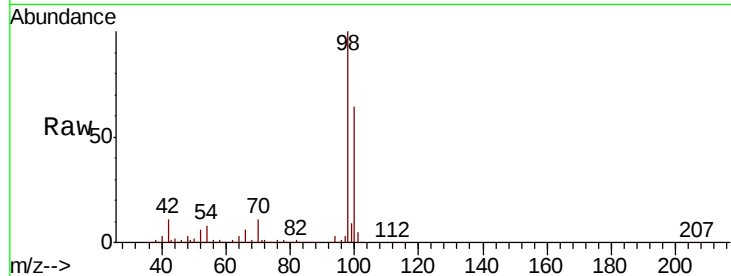
#50
Toluene-d8
Concen: 45.509 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050230.D
Acq: 31 Jul 2018 21:30

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

Tot Ion: 98 Resp: 1481401
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1

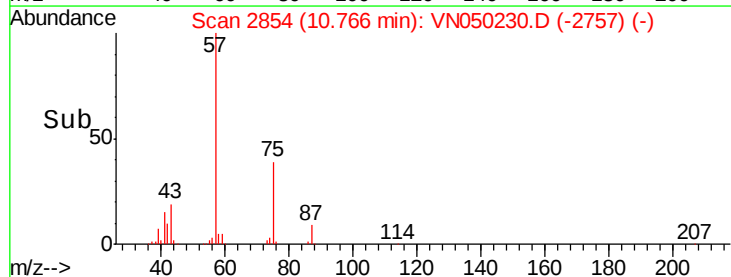
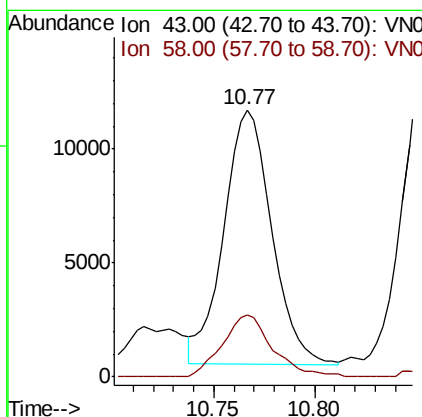
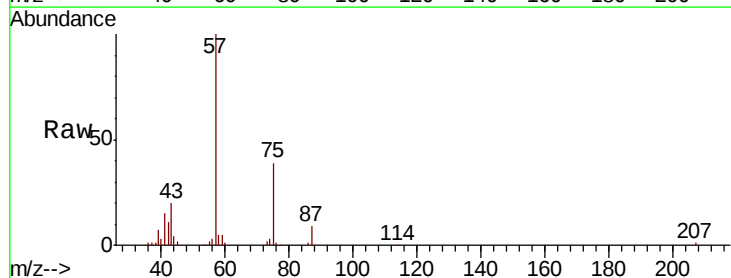
Manual Integrations
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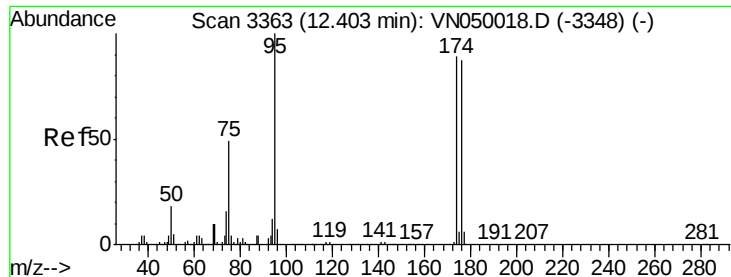
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#59
2-Hexanone
Concen: 8.126 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050230.D
Acq: 31 Jul 2018 21:30

Tgt Ion: 43 Resp: 18547
Ion Ratio Lower Upper
43 100
58 25.5 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 38.264 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050230.D

Acq: 31 Jul 2018 21:30

Instrument :

MSVOA_N

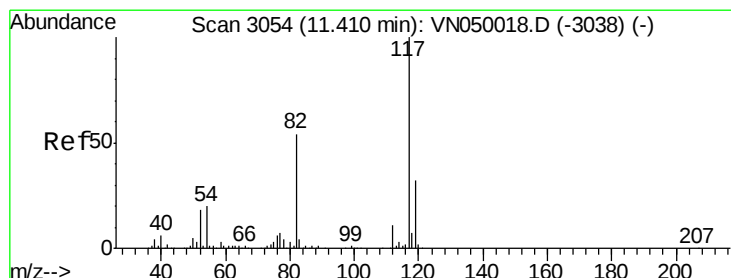
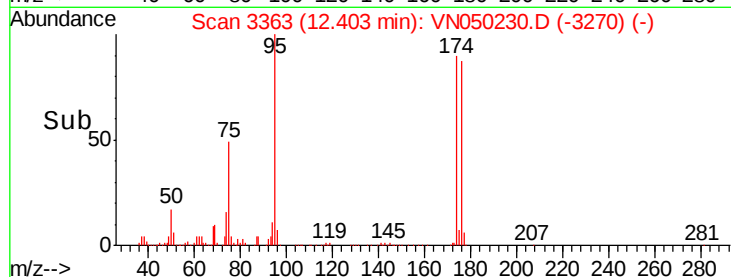
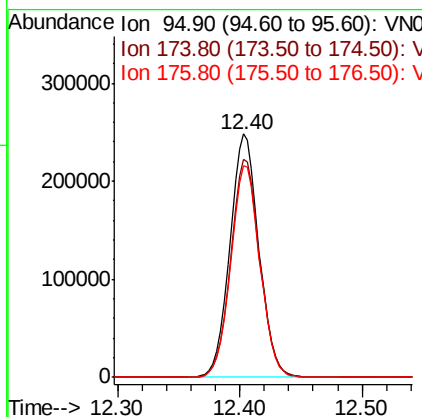
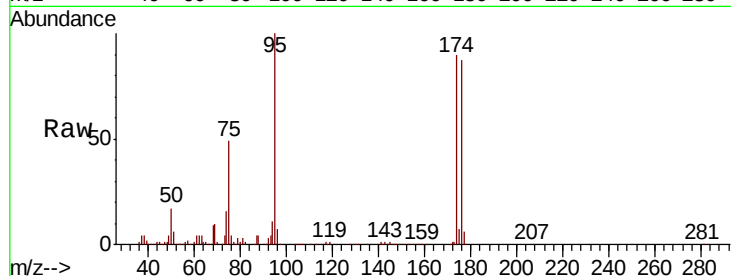
ClientSampleId :

CL-01-073018-E

Tot Ion:	95	Resp:	410138
Ion Ratio	Lower	Upper	
95	100		
174	90.0	0.0	178.2
176	87.3	0.0	173.4

Manual Integrations
APPROVED

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8/1/2018 11:14:29 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

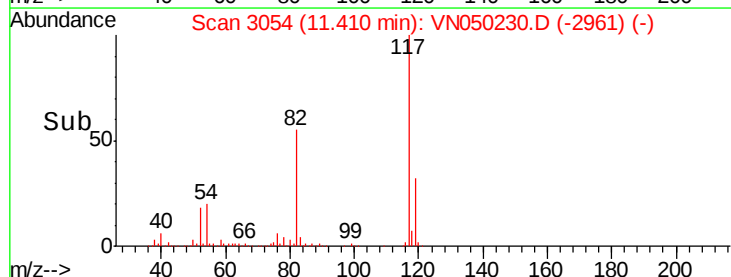
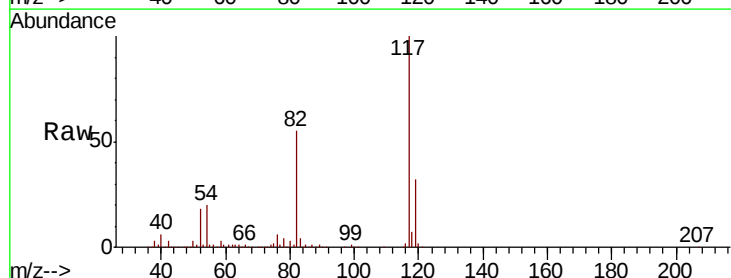
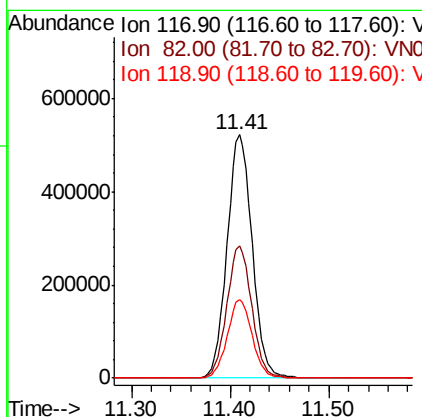
RT: 11.41 min Scan# 3054

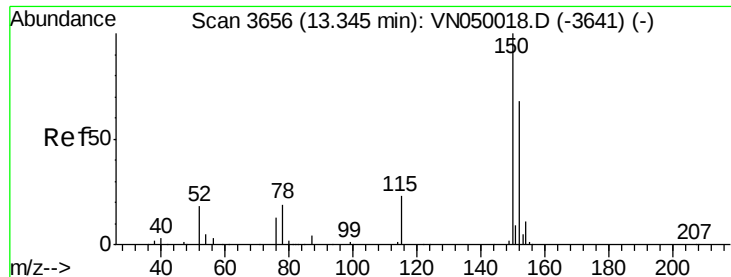
Delta R.T. 0.00 min

Lab File: VN050230.D

Acq: 31 Jul 2018 21:30

Tgt Ion:	117	Resp:	930794
Ion Ratio	Lower	Upper	
117	100		
82	54.5	43.7	65.5
119	32.2	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050230.D

Acq: 31 Jul 2018 21:30

Instrument :

MSVOA_N

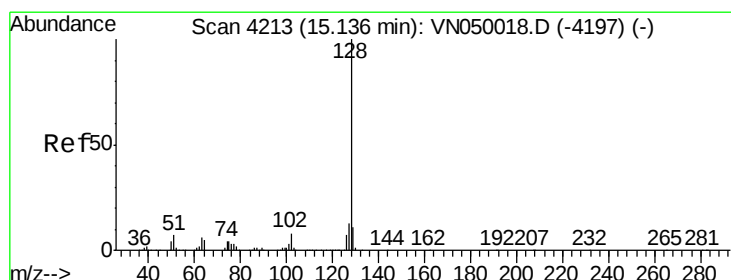
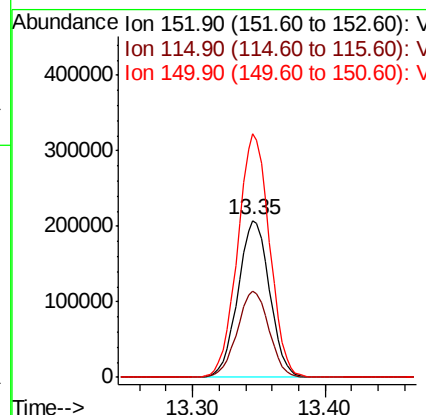
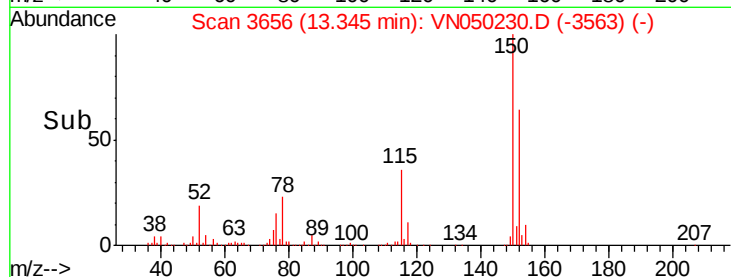
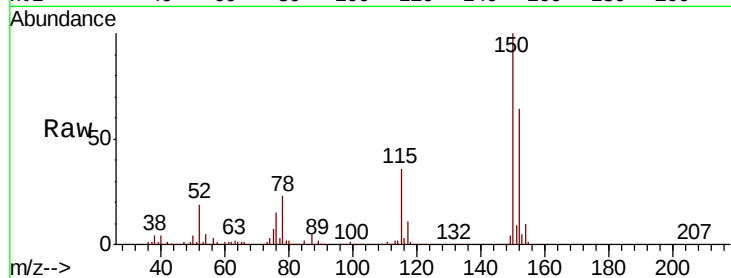
ClientSampleId :

CL-01-073018-E

Tot Ion:	152	Resp:	343599
Ion Ratio	Lower	Upper	
152	100		
115	55.2	27.8	83.3
150	156.1	0.0	348.6

Manual Integrations
APPROVED

MMDadoda
8/1/2018 11:14:29 AM



#95

Naphthalene

Concen: 5.538 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050230.D

Acq: 31 Jul 2018 21:30

Tgt Ion:	128	Resp:	19321
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.4	15.6
129	11.4	8.8	13.2

