

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX003996.D
 Acq On : 13 Aug 2018 13:29
 Operator : JC/MD
 Sample : J4439-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-SO3-SRI3

Manual Integrations
 APPROVED

MMDadoda
 8/14/2018 12:55:45 PM

Quant Time: Aug 14 04:08:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	473311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	435220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	213857	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
35) Dibromofluoromethane	5.51	113	177087	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	8.72	98	676758	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.14	95	228199	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
Target Compounds						
16) Acetone	2.43	43	15459	6.77	ug/l	99
18) Methyl Acetate	2.77	43	5971	1.20	ug/l	92
20) Methylene Chloride	2.86	84	10643	1.92	ug/l	96
25) 2-Butanone	4.70	43	4062m	1.18	ug/l	
43) Isopropyl Acetate	6.46	43	192538	21.94	ug/l	99
74) N-amyl acetate	6.46	43	192538	21.72	ug/l #	99

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

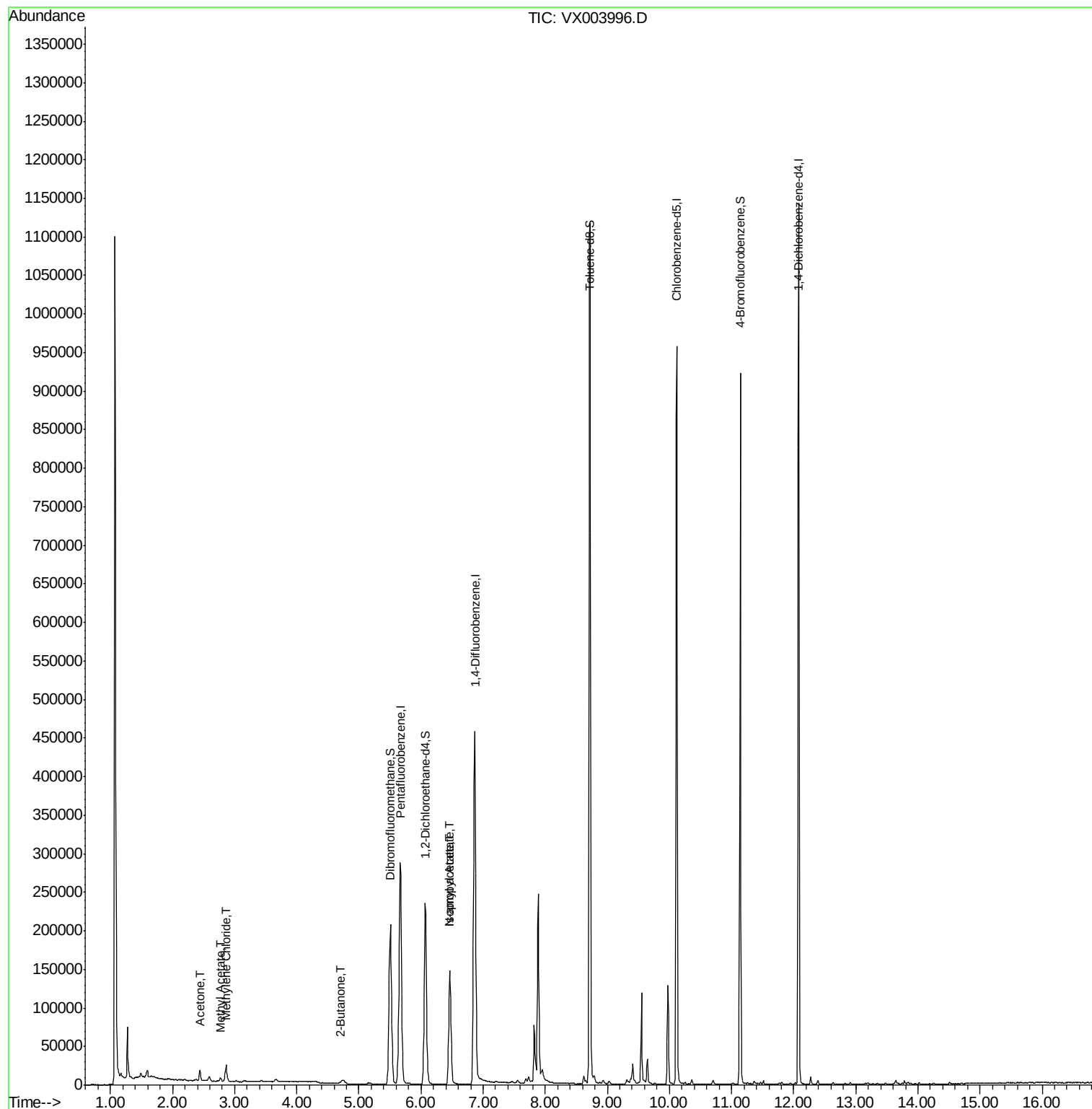
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
Data File : VX003996.D
Acq On : 13 Aug 2018 13:29
Operator : JC/MD
Sample : J4439-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

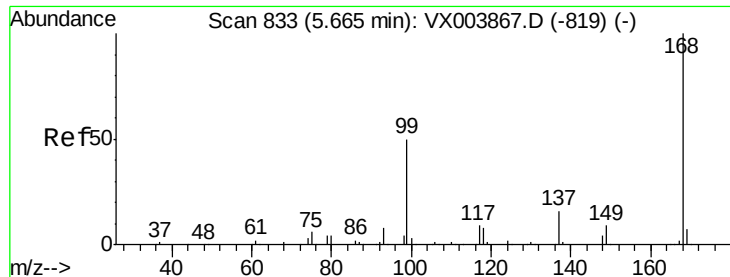
Instrument :
MSVOA_X
ClientSampleId :
IDW-SO3-SRI3

Manual Integrations
APPROVED

MMDadoda
8/14/2018 12:55:45 PM

Quant Time: Aug 14 04:08:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003996.D

Acq: 13 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

IDW-SO3-SRI3

Tot Ion:168 Resp: 289758

Ion Ratio Lower Upper

168 100

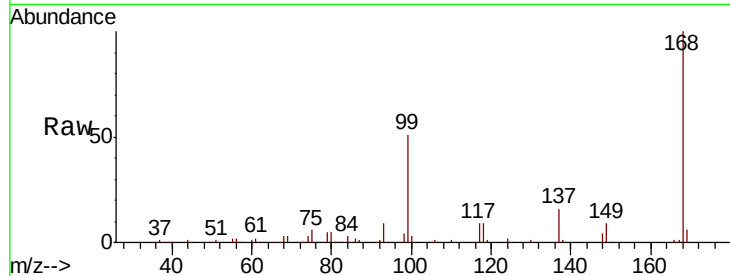
99 50.7 40.1 60.1

Manual Integrations

APPROVED

MMDadoda

8/14/2018 12:55:45 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

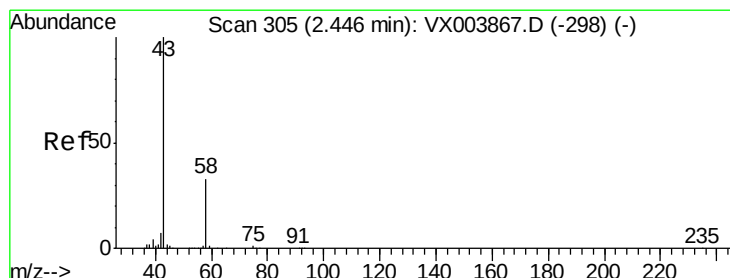
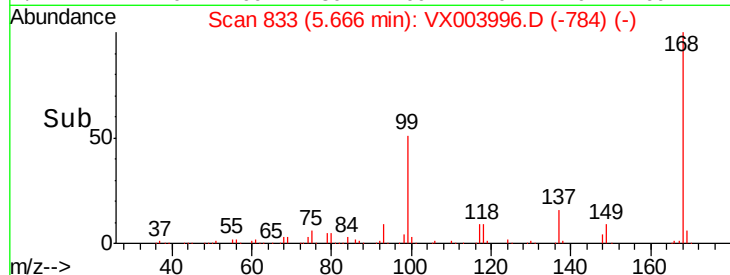
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.77 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX003996.D

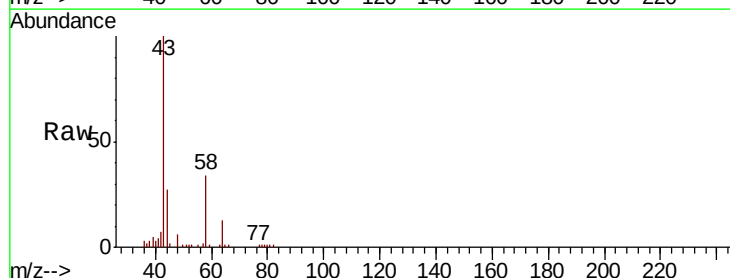
Acq: 13 Aug 2018 13:29

Tgt Ion: 43 Resp: 15459

Ion Ratio Lower Upper

43 100

58 33.8 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

10000

8000

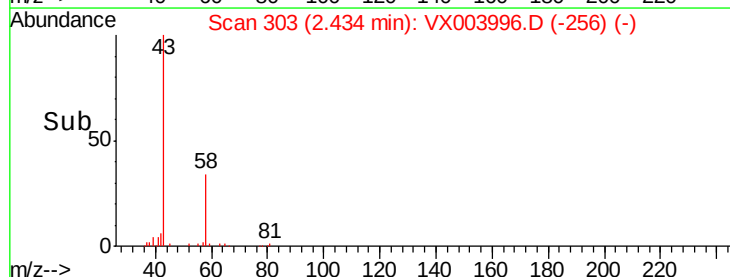
6000

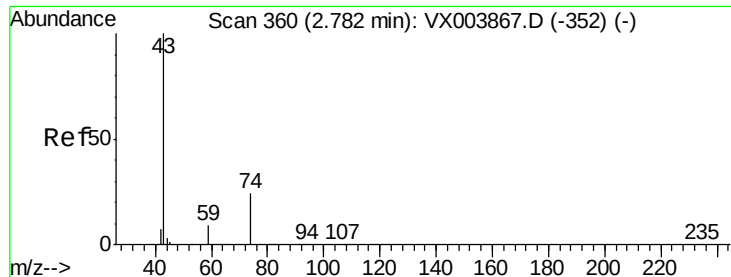
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





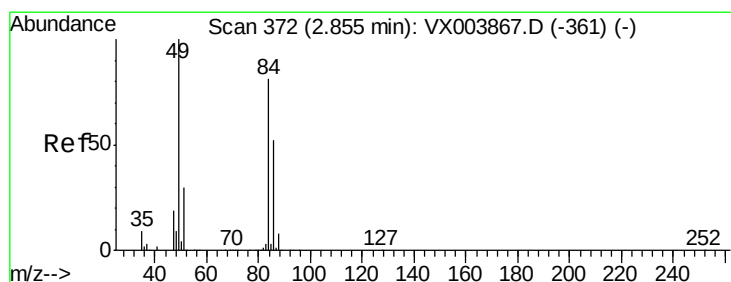
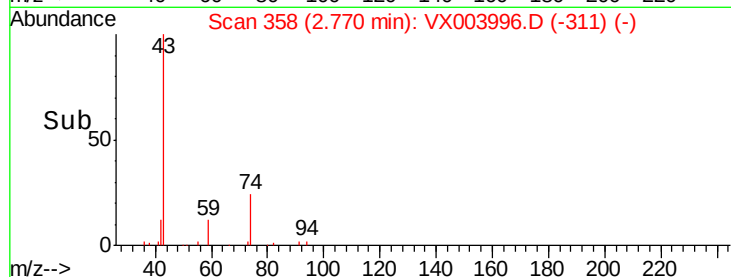
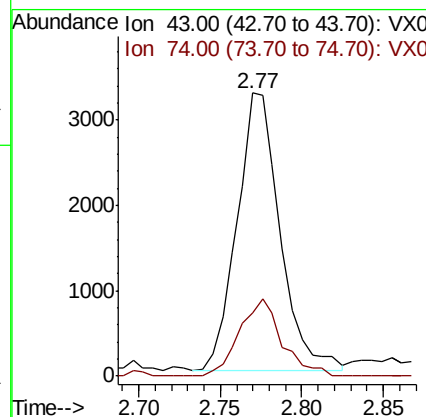
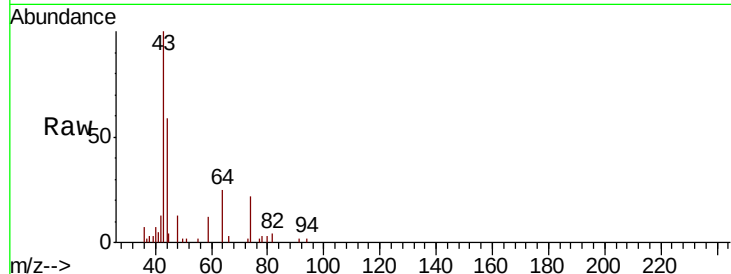
#18
Methvl Acetate
Concen: 1.20 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX003996.D
Acq: 13 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO3-SRI3

Tot Ion	Ratio	Lower	Upper
43	100		
74	27.5	18.9	28.3

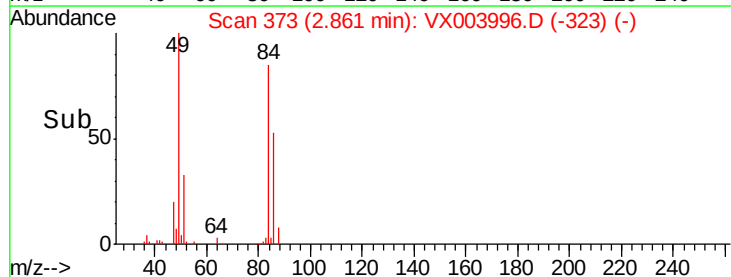
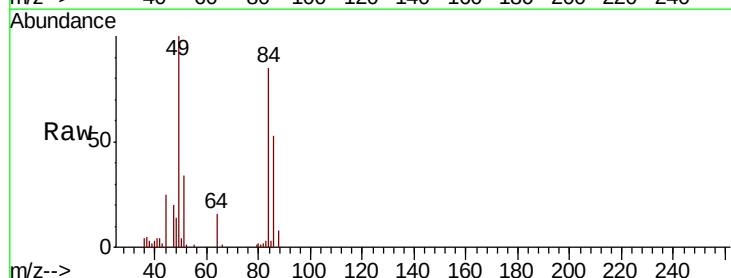
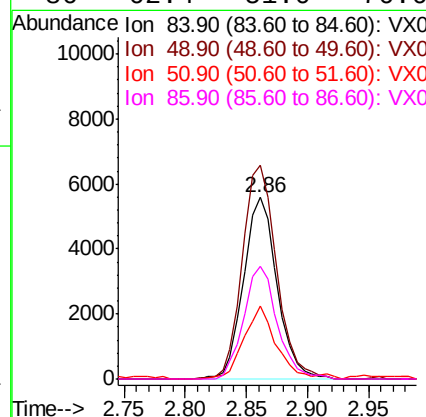
Manual Integrations
APPROVED

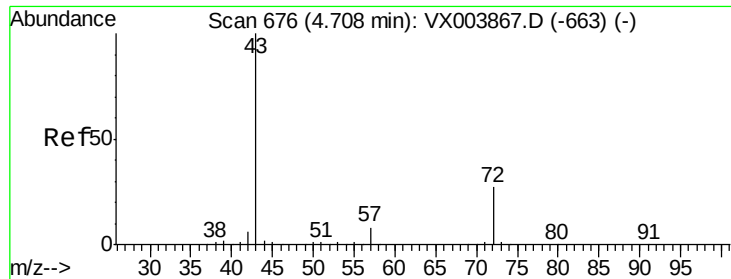
MMDadoda
8/14/2018 12:55:45 PM



#20
Methylene Chloride
Concen: 1.92 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003996.D
Acq: 13 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.8	98.9	148.3
51	40.1	29.9	44.9
86	62.4	51.0	76.6





#25

2-Butanone

Concen: 1.18 ug/l m

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003996.D

Acq: 13 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

IDW-SO3-SRI3

Tot Ion: 43 Resp: 4062

Ion Ratio Lower Upper

43 100

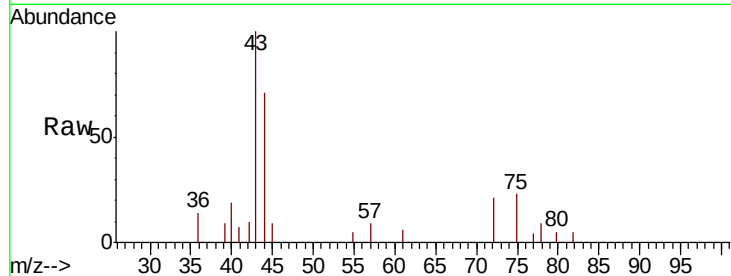
72 20.9 21.4 32.0#

Manual Integrations

APPROVED

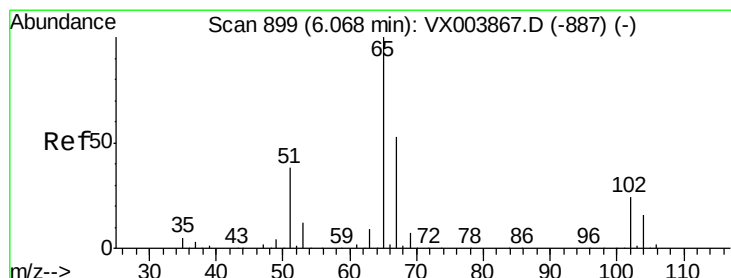
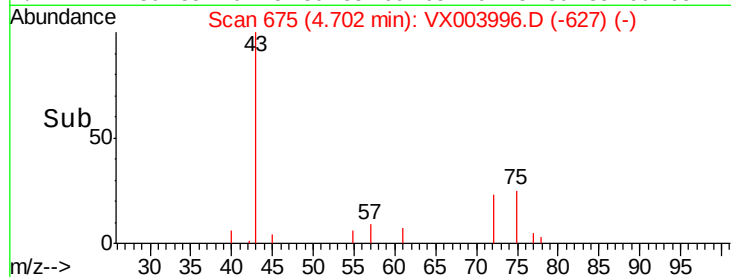
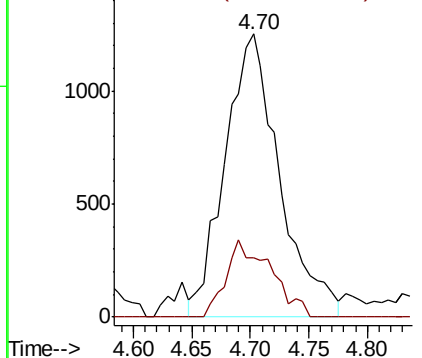
MMDadoda

8/14/2018 12:55:45 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.68 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003996.D

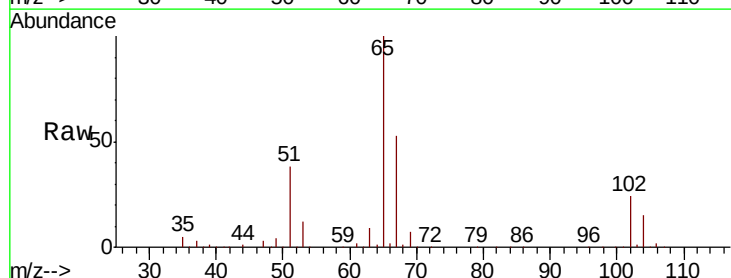
Acq: 13 Aug 2018 13:29

Tgt Ion: 65 Resp: 213857

Ion Ratio Lower Upper

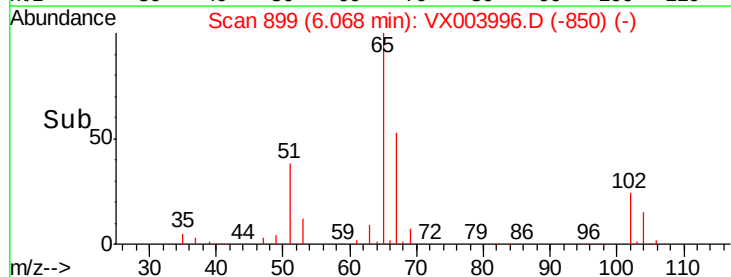
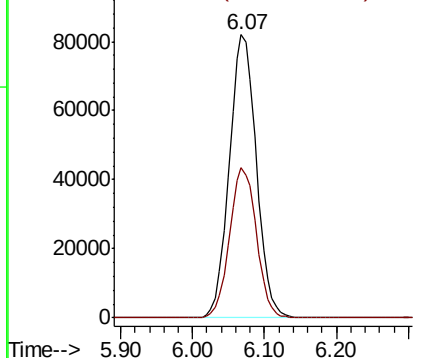
65 100

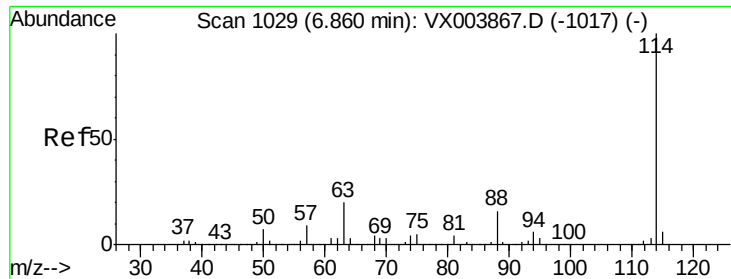
67 53.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





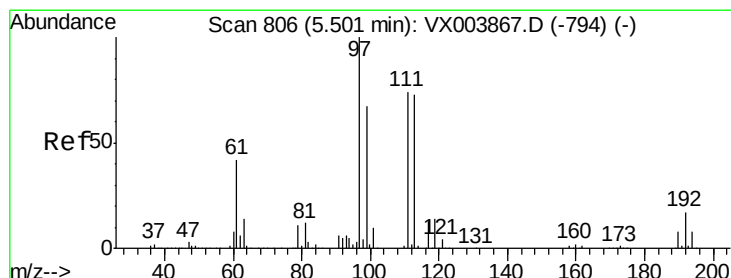
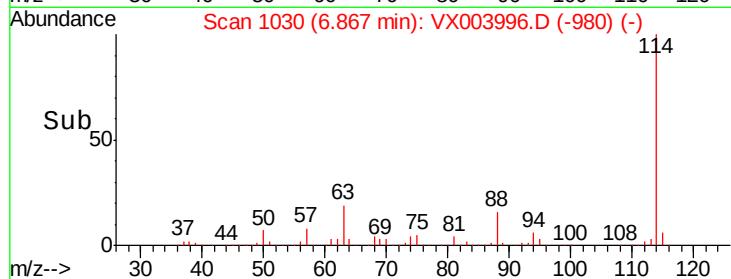
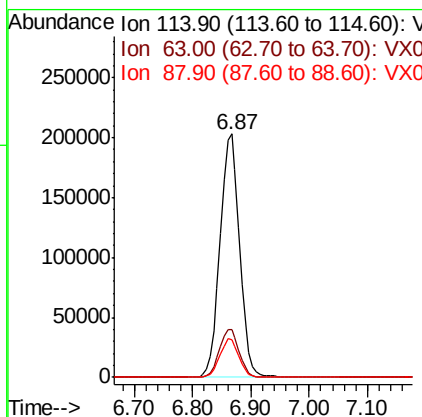
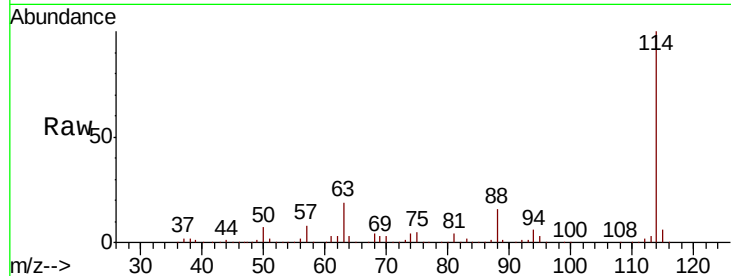
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003996.D
 Acq: 13 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-SO3-SRI3

Tot Ion	Ratio	Resp	Lower	Upper
114	100	473311		
63	19.4	0.0	39.0	
88	15.6	0.0	32.0	

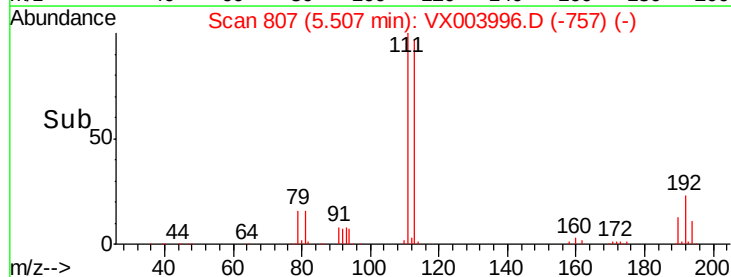
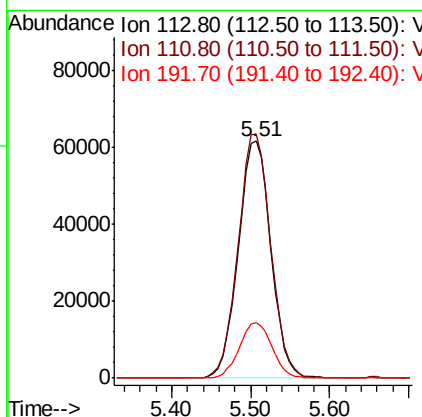
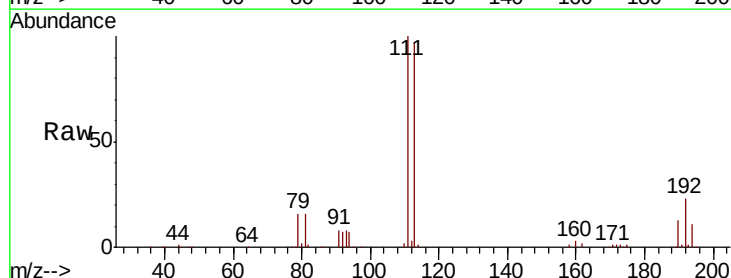
Manual Integrations
 APPROVED

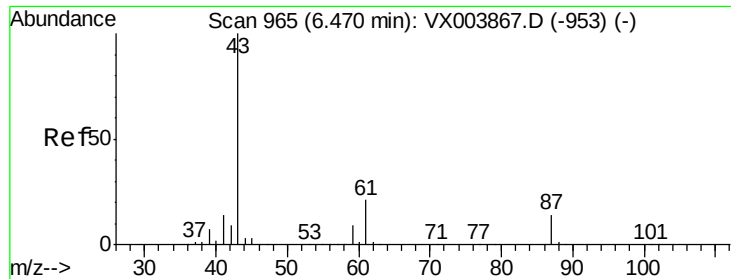
MMDadoda
 8/14/2018 12:55:45 PM



#35
 Dibromofluoromethane
 Concen: 49.39 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003996.D
 Acq: 13 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	177087		
111	103.1	82.0	123.0	
192	23.5	19.0	28.4	





#43

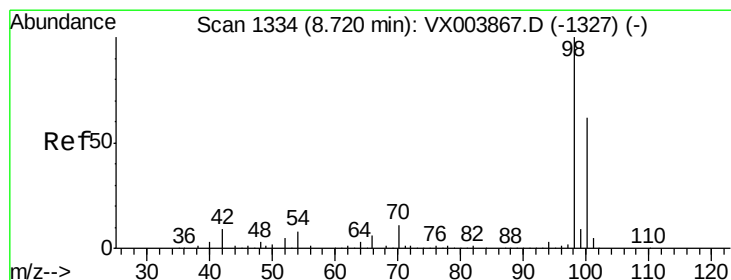
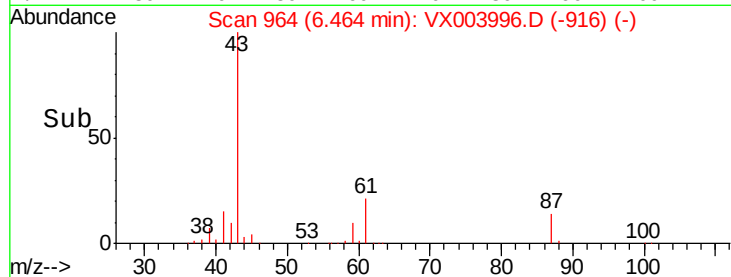
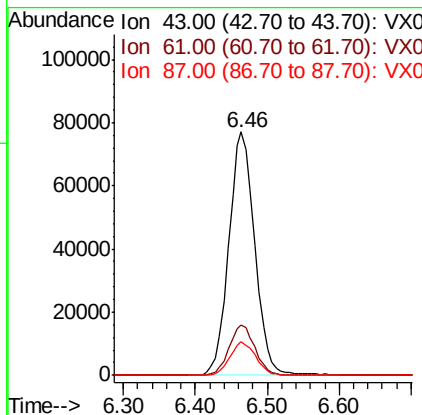
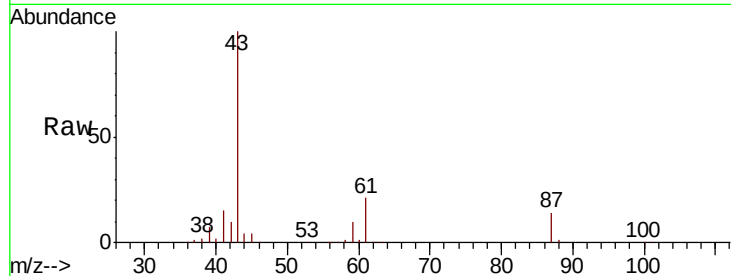
Isopropyl Acetate
 Concen: 21.94 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003996.D
 Acq: 13 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-SO3-SRI3

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.9	25.3
87	13.7	11.3	16.9

Manual Integrations
 APPROVED

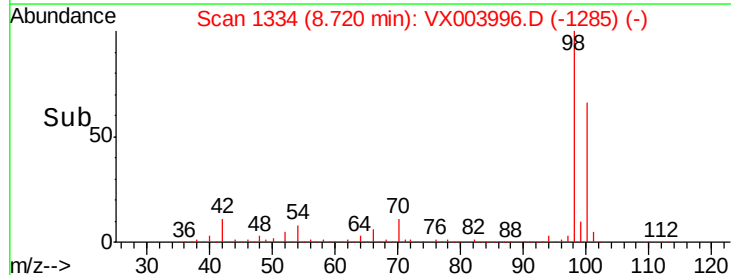
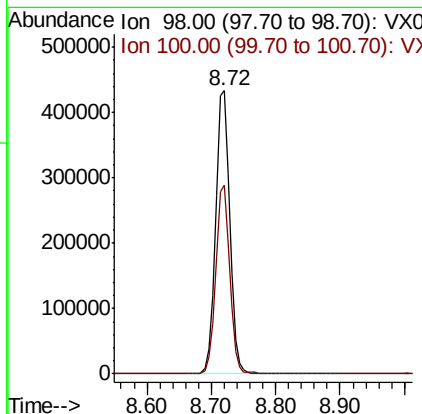
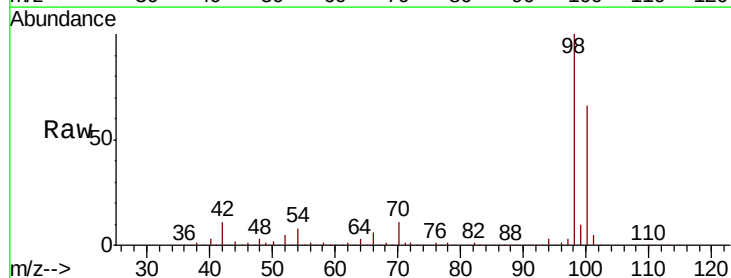
MMDadoda
 8/14/2018 12:55:45 PM

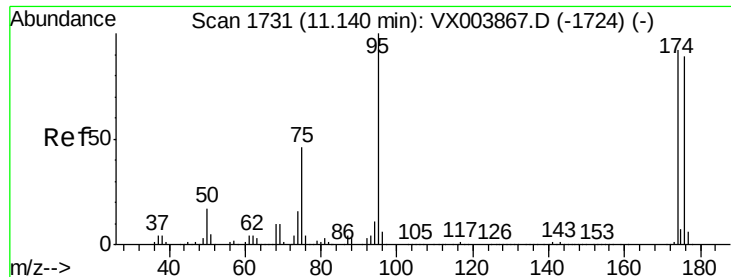


#50

Toluene-d8
 Concen: 48.53 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003996.D
 Acq: 13 Aug 2018 13:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.3	79.9





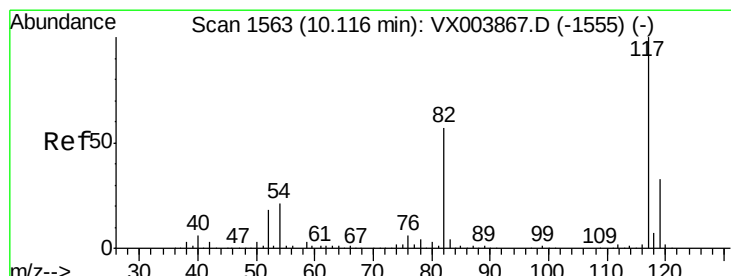
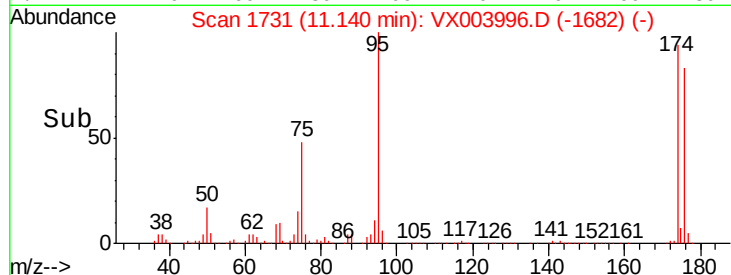
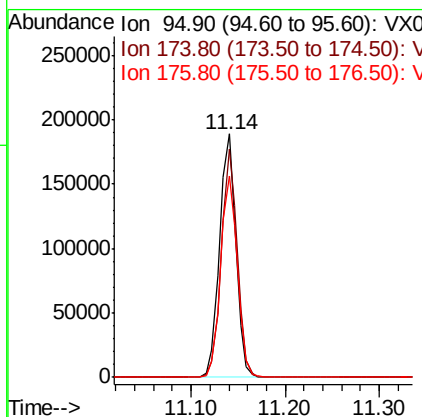
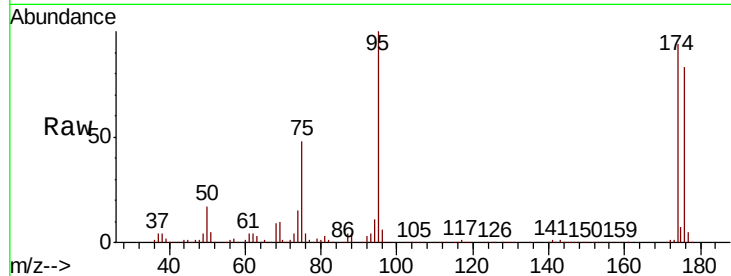
#62
4-Bromofluorobenzene
Concen: 50.58 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003996.D
Acq: 13 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO3-SRI3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	228199		
174	91.3	0.0	182.8	
176	84.4	0.0	179.0	

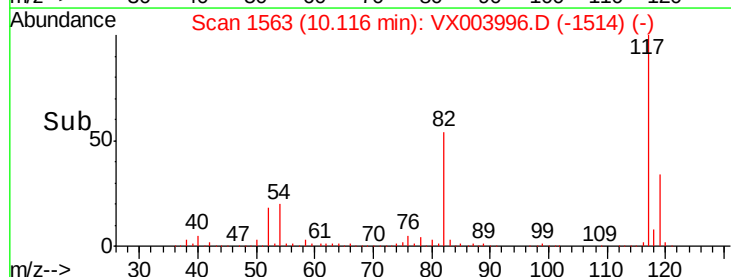
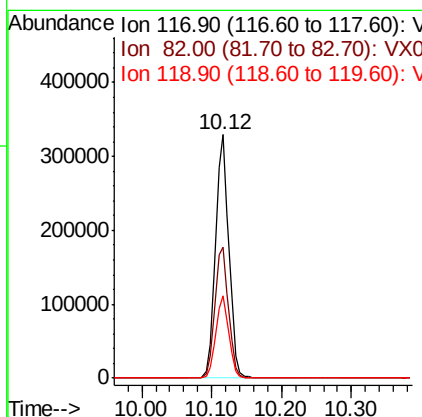
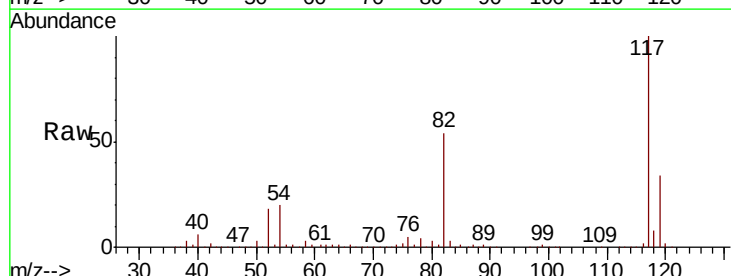
Manual Integrations
APPROVED

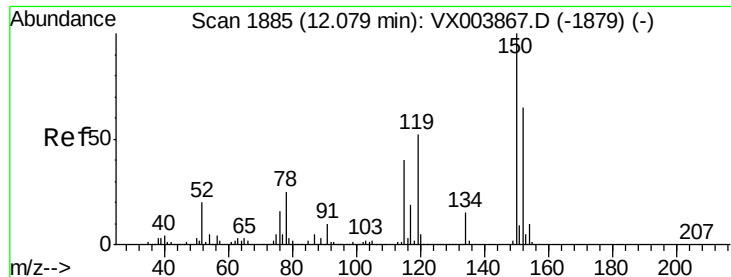
MMDadoda
8/14/2018 12:55:45 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003996.D
Acq: 13 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	435220		
82	53.6	45.4	68.0	
119	33.8	26.6	40.0	





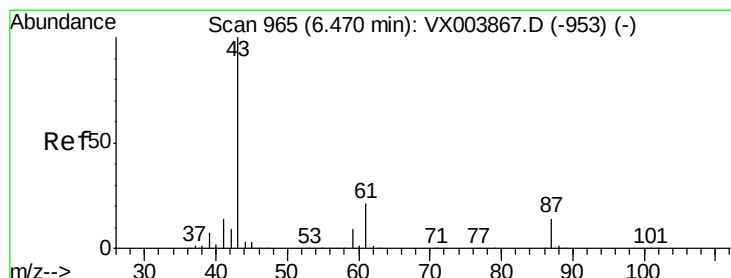
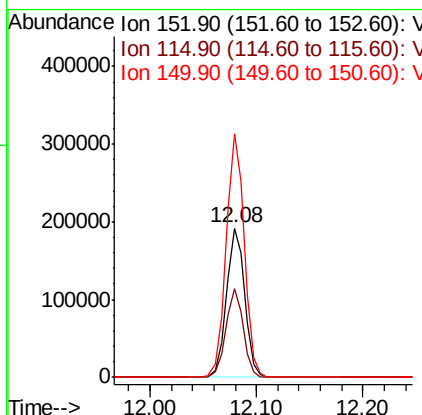
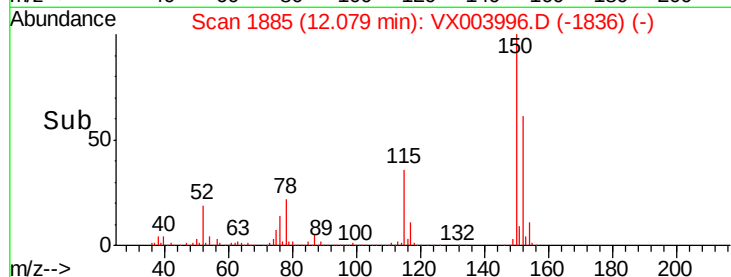
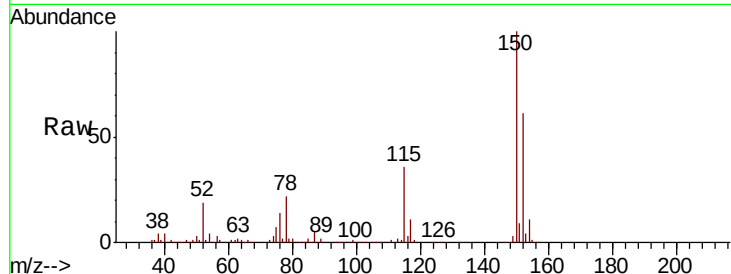
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX003996.D
 Acq: 13 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-SO3-SRI3

Tot Ion	Ratio	Resp	Lower	Upper
152	100	230438		
115	56.7	39.1	117.3	
150	161.7	0.0	349.2	

Manual Integrations
 APPROVED

MMDadoda
 8/14/2018 12:55:45 PM



#74
 N-ethyl acetate
 Concen: 21.72 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003996.D
 Acq: 13 Aug 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	192538		
70	0.0	0.0	0.0	
55	0.1	0.1	0.1#	
61	20.7	16.9	25.3	

