

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016332.D
 Acq On : 19 May 2020 14:19
 Operator : JC/SP
 Sample : L2672-11DL2 250X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW345-200514DL2

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:12:01 PM

Quant Time: May 20 06:31:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	242438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	402013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	142115	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
35) Dibromofluoromethane	5.46	113	115206	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
50) Toluene-d8	8.70	98	493542	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.12	95	202085	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
Target Compounds						
4) Vinyl Chloride	1.39	62	170959	53.769	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	43473	14.159	ug/l	88
44) Trichloroethene	7.19	130	15017	3.651	ug/l	99
65) Chlorobenzene	10.12	112	36742	4.434	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	3339m	0.479	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	9022	1.364	ug/l	98

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

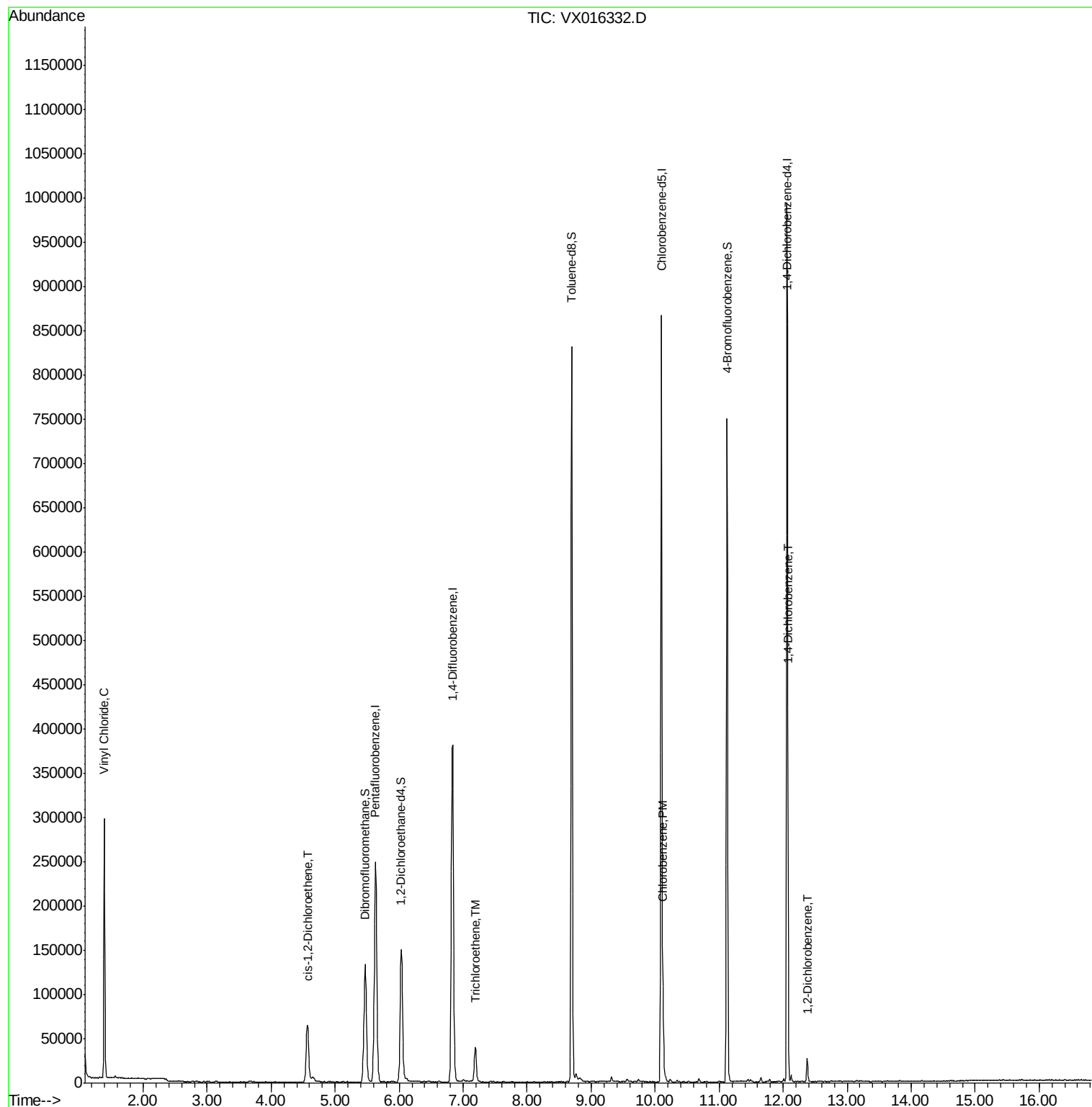
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051920\
Data File : VX016332.D
Acq On : 19 May 2020 14:19
Operator : JC/SP
Sample : L2672-11DL2 250X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

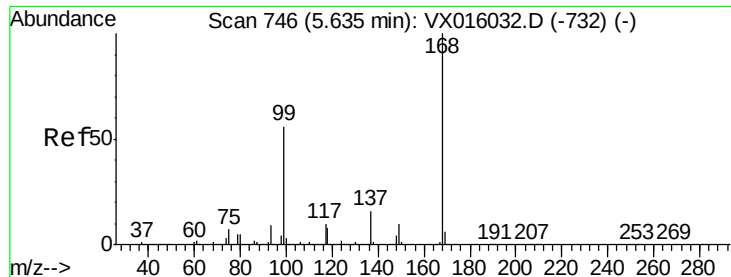
Instrument :
MSVOA_X
ClientSampleId :
WP021MW345-200514DL2

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:12:01 PM

Quant Time: May 20 06:31:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016332.D

Acq: 19 May 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

WP021MW345-200514DL2

Tot Ion:168 Resp: 242438

Ion Ratio Lower Upper

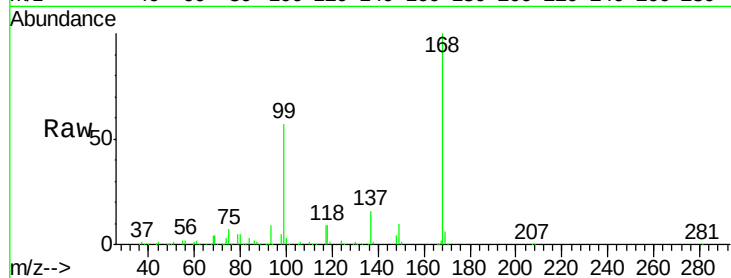
168 100

99 57.0 45.0 67.4

Manual Integrations
APPROVED

MMDadoda

5/21/2020 1:12:01 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

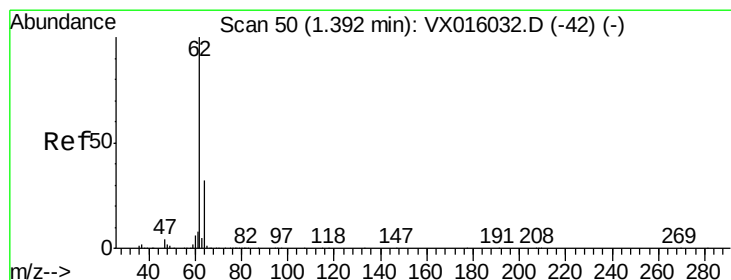
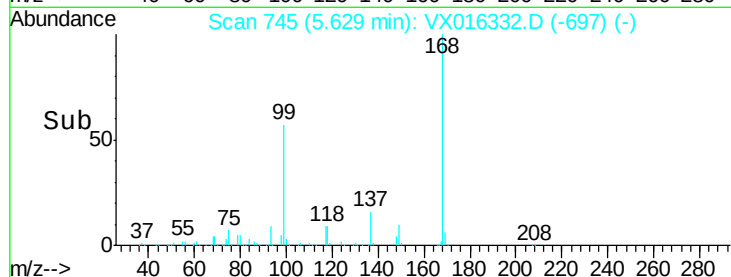
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#4

Vinyl Chloride

Concen: 53.769 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016332.D

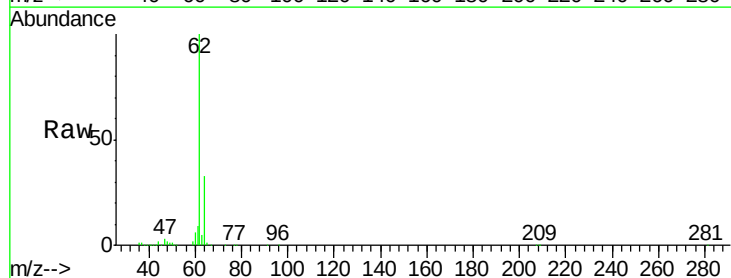
Acq: 19 May 2020 14:19

Tgt Ion: 62 Resp: 170959

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

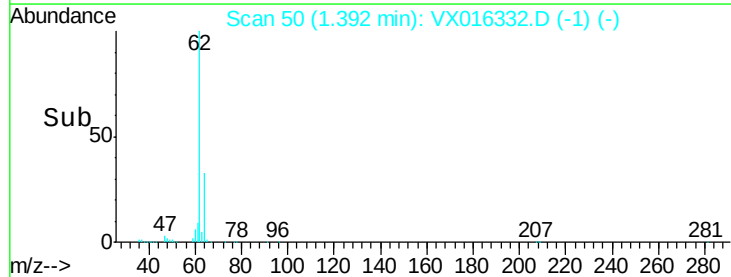
150000

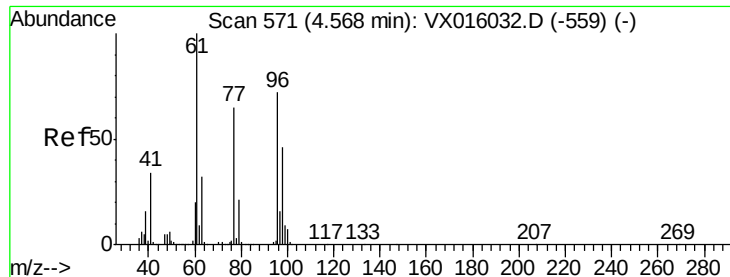
100000

50000

0

Time--> 1.30 1.40 1.50





#27

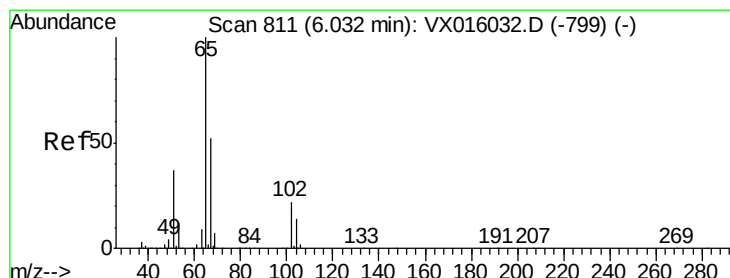
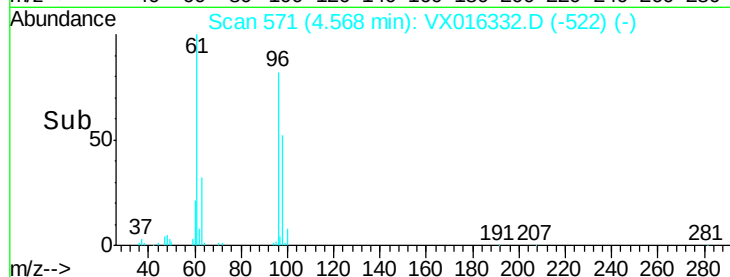
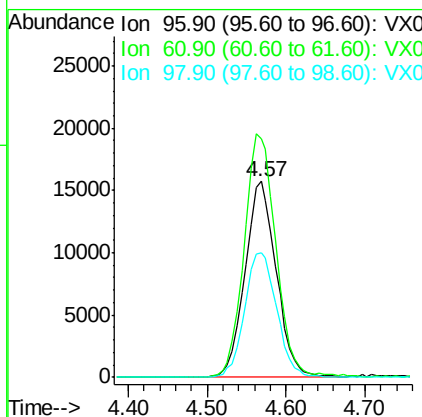
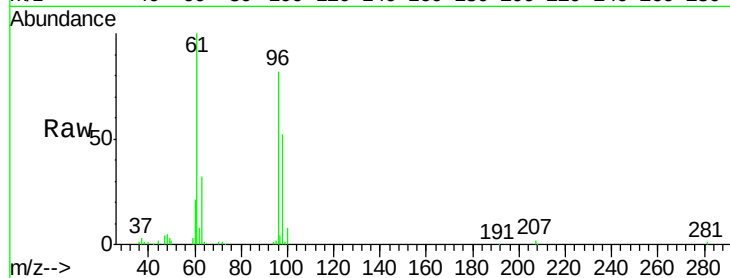
cis-1,2-Dichloroethene
Concen: 14.159 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016332.D
Acq: 19 May 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
WP021MW345-200514DL2

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	126.4	0.0	296.2	
98	65.0	0.0	129.4	

Manual Integrations
APPROVED

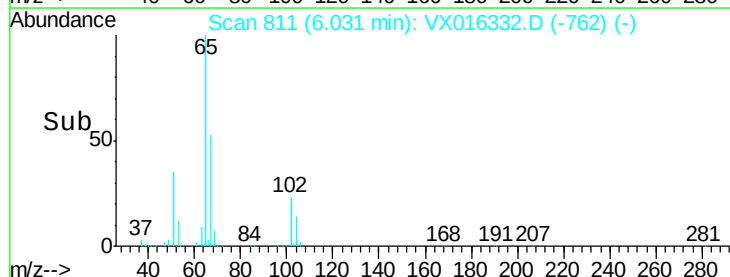
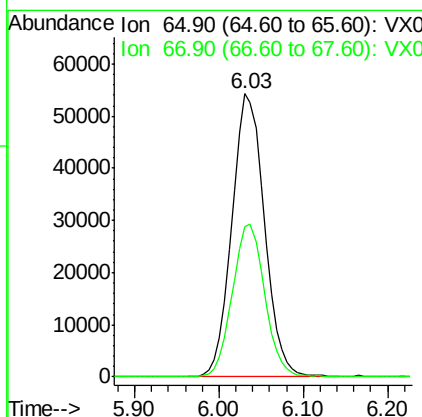
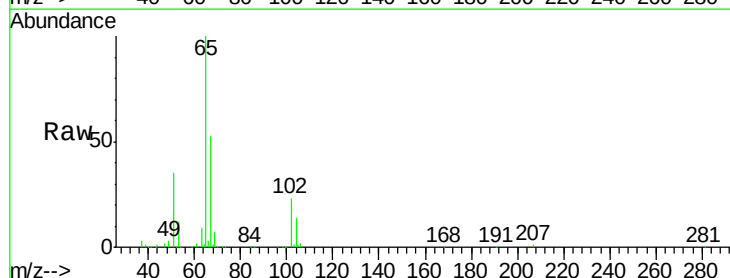
MMDadoda
5/21/2020 1:12:01 PM

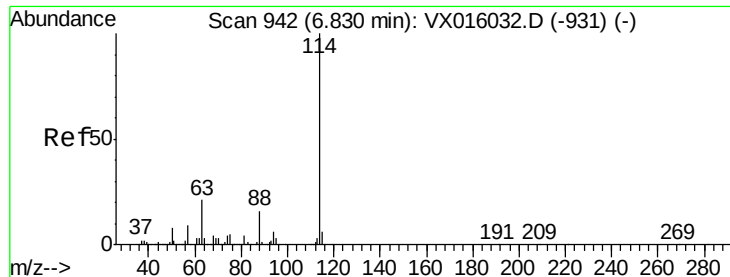


#33

1,2-Dichloroethane-d4
Concen: 44.547 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016332.D
Acq: 19 May 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	104.8	





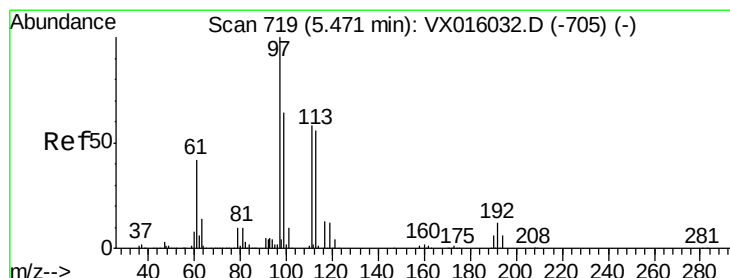
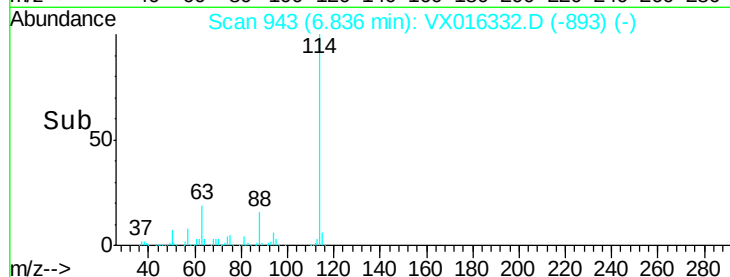
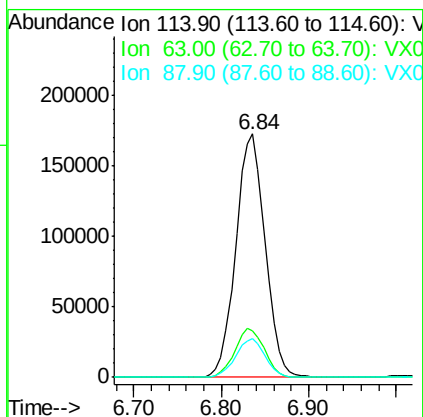
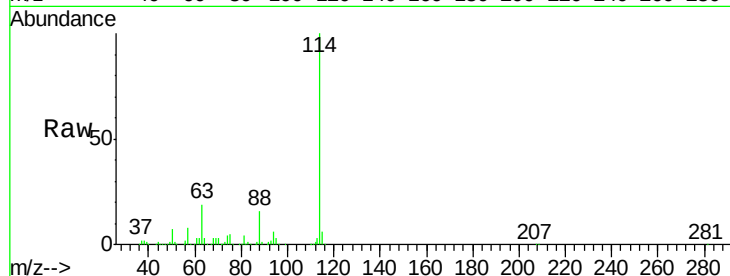
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016332.D
Acq: 19 May 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
WP021MW345-200514DL2

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.0	0.0	42.8
88	16.0	0.0	31.4

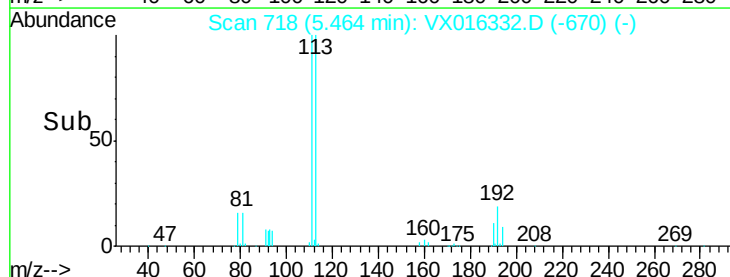
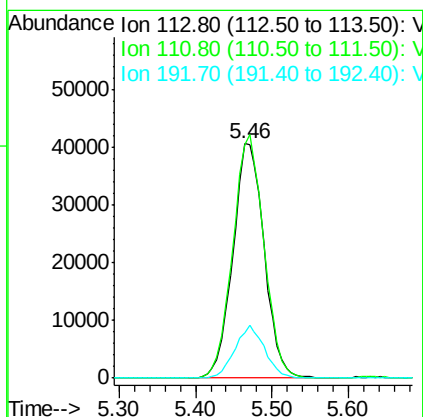
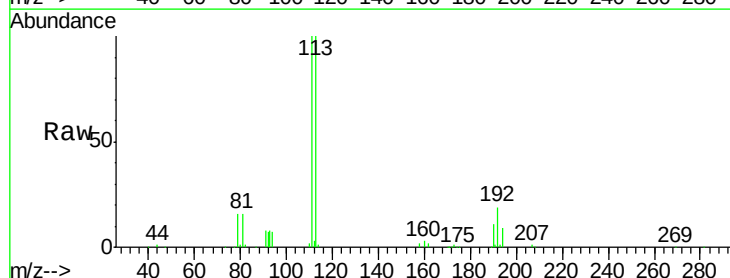
Manual Integrations
APPROVED

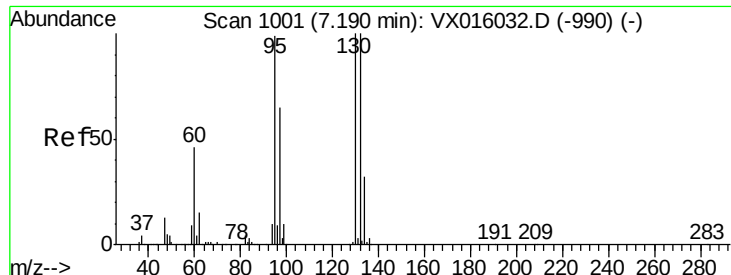
MMDadoda
5/21/2020 1:12:01 PM



#35
Dibromofluoromethane
Concen: 45.233 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016332.D
Acq: 19 May 2020 14:19

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.1	81.6	122.4
192	21.5	17.0	25.4





#44

Trichloroethene

Concen: 3.651 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016332.D

Acq: 19 May 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

WP021MW345-200514DL2

Tot Ion:130 Resp: 15017

Ion Ratio Lower Upper

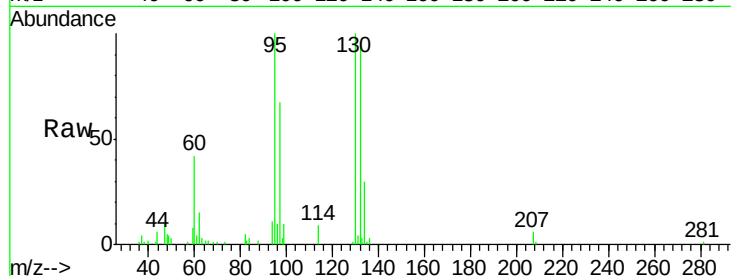
130 100

95 99.9 0.0 197.4

Manual Integrations
APPROVED

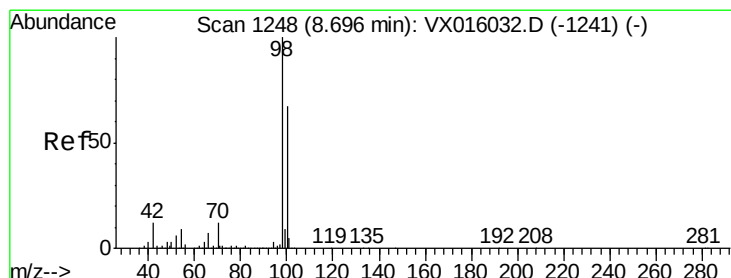
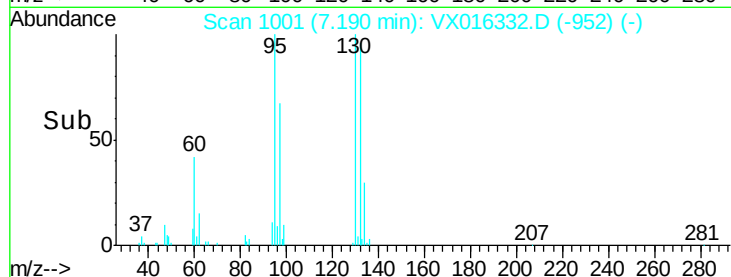
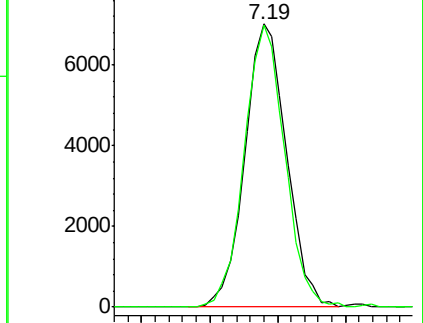
MMDadoda

5/21/2020 1:12:01 PM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.292 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016332.D

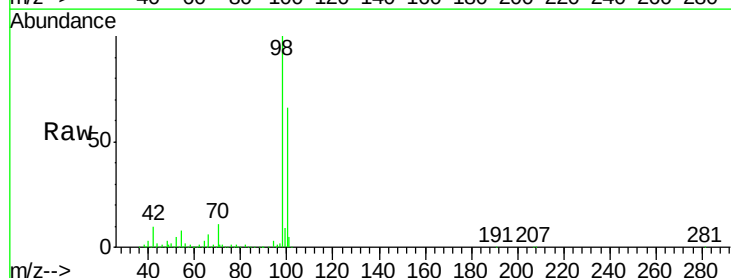
Acq: 19 May 2020 14:19

Tgt Ion: 98 Resp: 493542

Ion Ratio Lower Upper

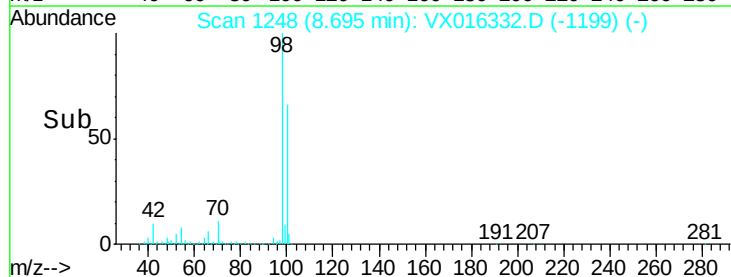
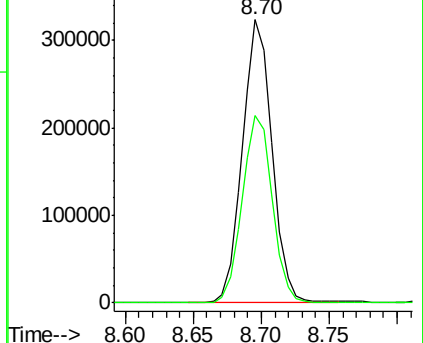
98 100

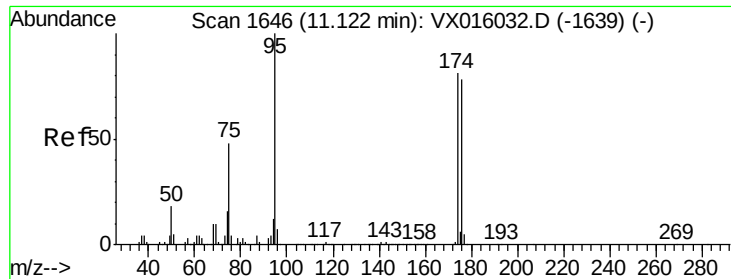
100 67.3 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.141 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016332.D

Acq: 19 May 2020 14:19

Instrument :

MSVOA_X

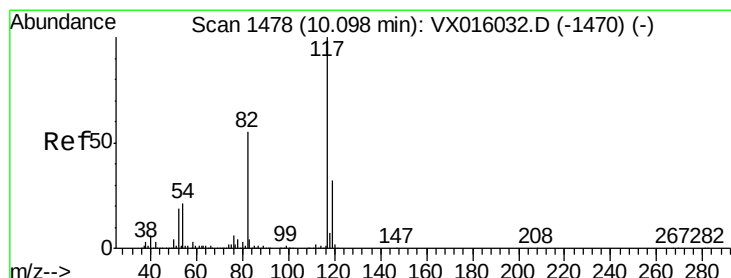
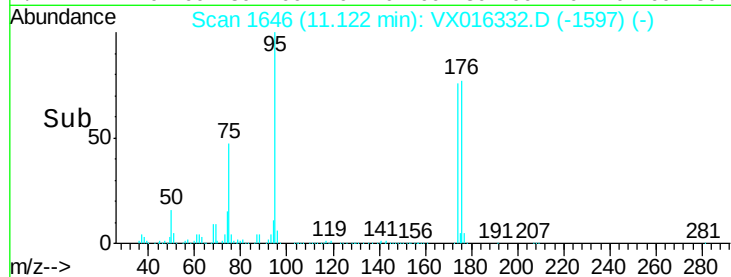
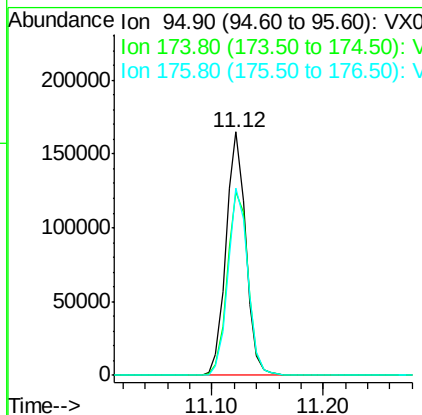
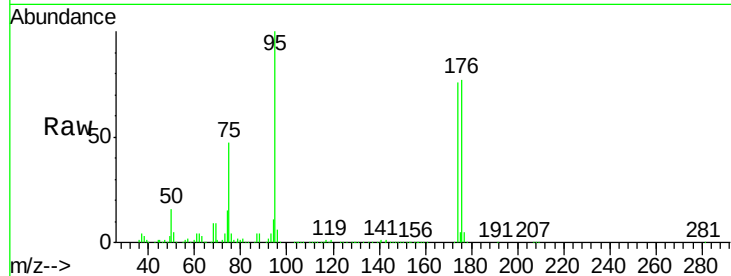
ClientSampleId :

WP021MW345-200514DL2

Tot Ion:	95	Resp:	202085
Ion Ratio	Lower	Upper	
95	100		
174	79.4	0.0	159.4
176	77.7	0.0	157.6

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:12:01 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

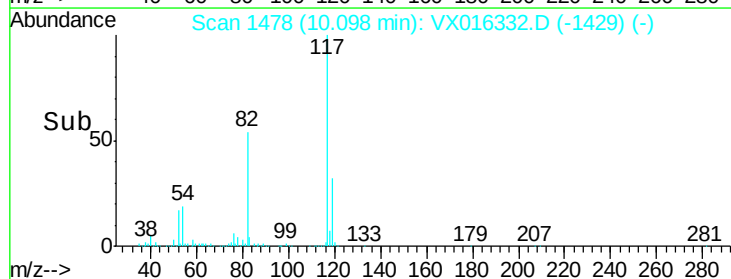
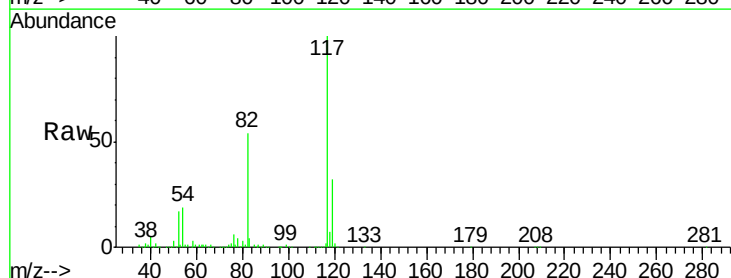
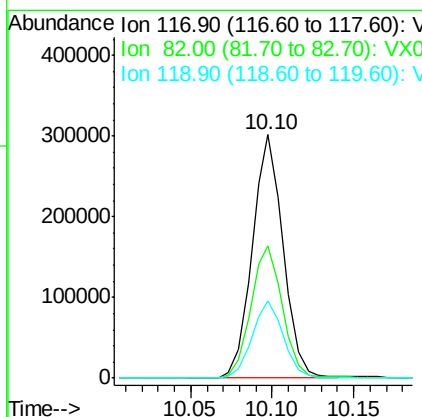
RT: 10.10 min Scan# 1478

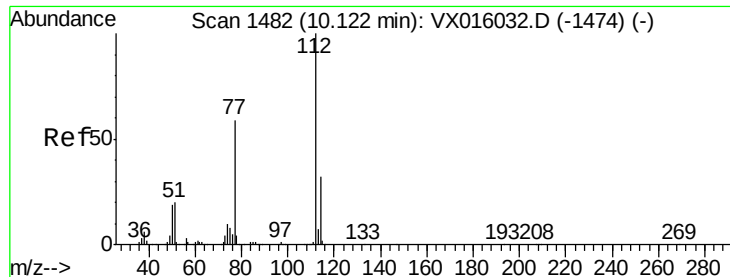
Delta R.T. -0.00 min

Lab File: VX016332.D

Acq: 19 May 2020 14:19

Tgt Ion:	117	Resp:	395771
Ion Ratio	Lower	Upper	
117	100		
82	54.3	44.4	66.6
119	31.6	25.5	38.3





#65

Chlorobenzene

Concen: 4.434 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016332.D

Acq: 19 May 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

WP021MW345-200514DL2

Tot Ion:112 Resp: 36742

Ion Ratio Lower Upper

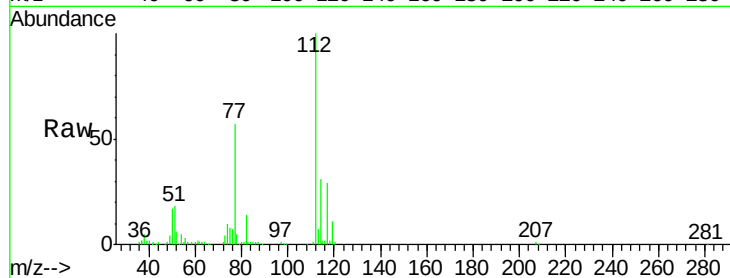
112 100

114 31.1 25.7 38.5

Manual Integrations
APPROVED

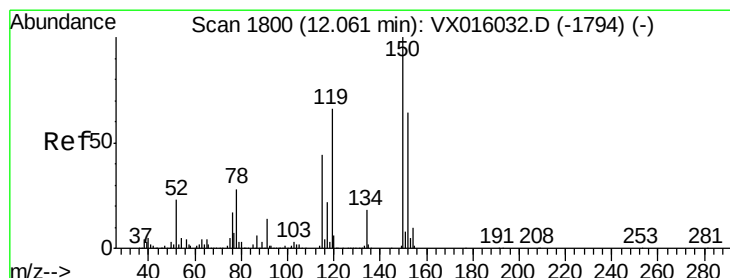
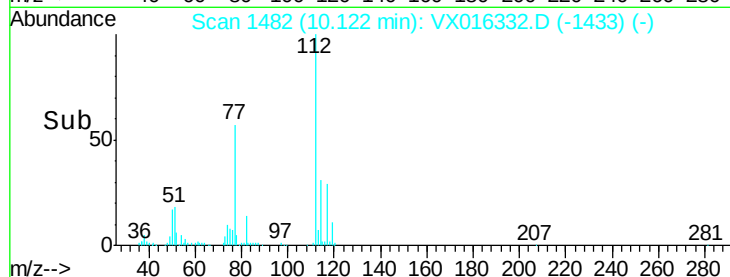
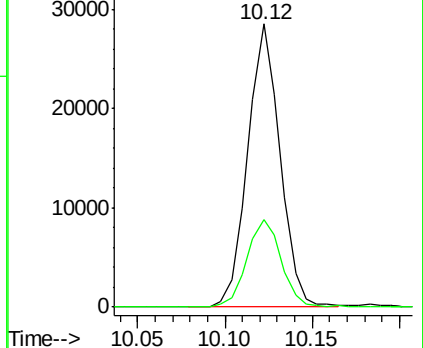
MMDadoda

5/21/2020 1:12:01 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016332.D

Acq: 19 May 2020 14:19

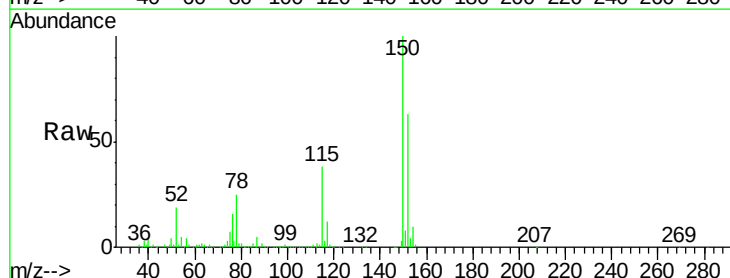
Tgt Ion:152 Resp: 203765

Ion Ratio Lower Upper

152 100

115 58.6 41.3 124.1

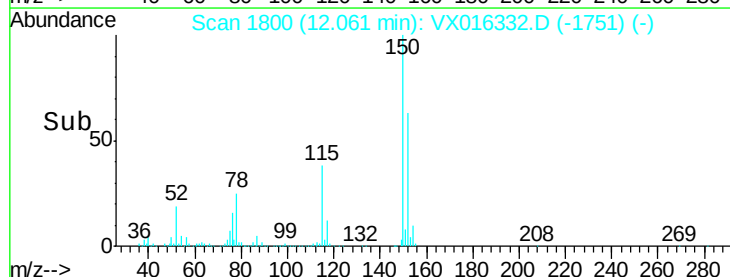
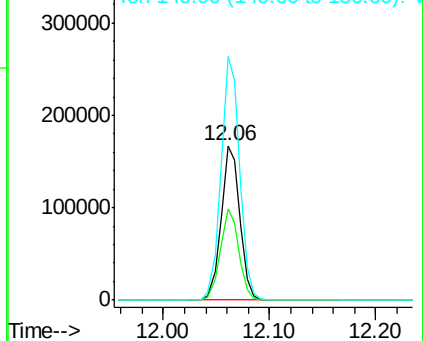
150 157.7 0.0 352.2

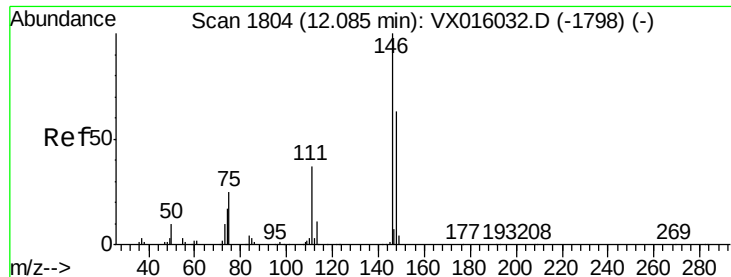


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





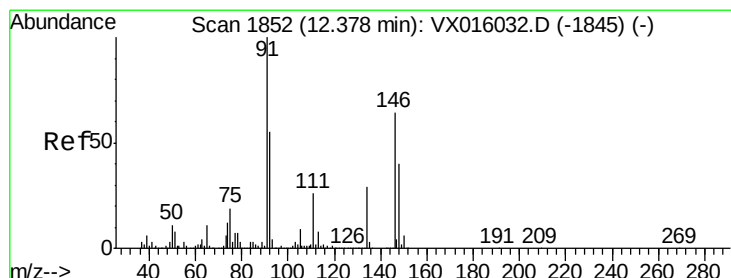
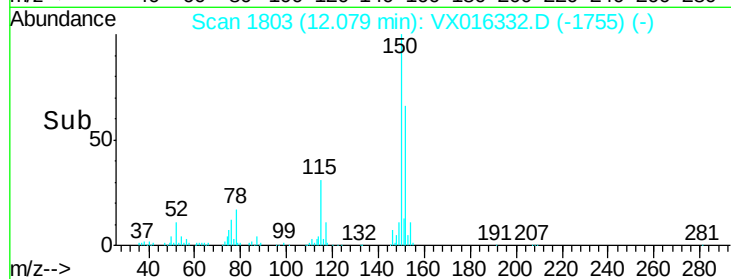
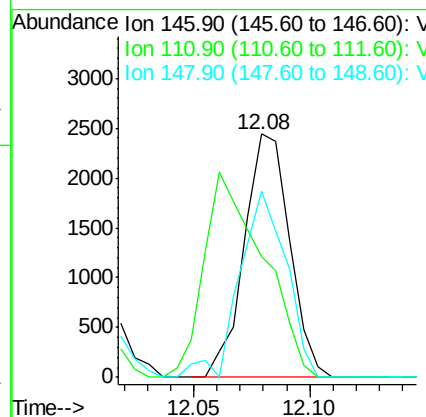
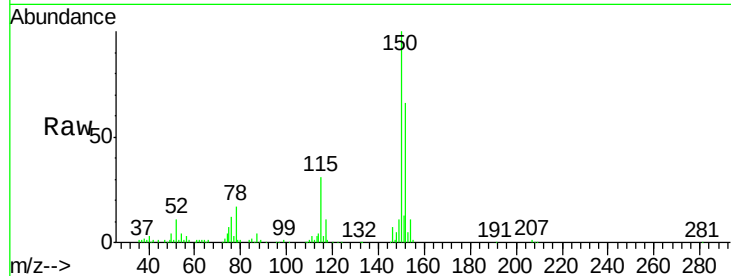
#88
 1,4-Dichlorobenzene
 Concen: 0.479 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016332.D
 Acq: 19 May 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW345-200514DL2

Tot Ion	Ratio	Lower	Upper
146	100		
111	14.0	19.6	58.7#
148	20.9	31.8	95.3#

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:12:01 PM



#91
 1,2-Dichlorobenzene
 Concen: 1.364 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016332.D
 Acq: 19 May 2020 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.1	63.1
148	63.1	32.4	97.0

