

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051920\
 Data File : VX016328.D
 Acq On : 19 May 2020 12:49
 Operator : JC/SP
 Sample : L2672-03DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514DL

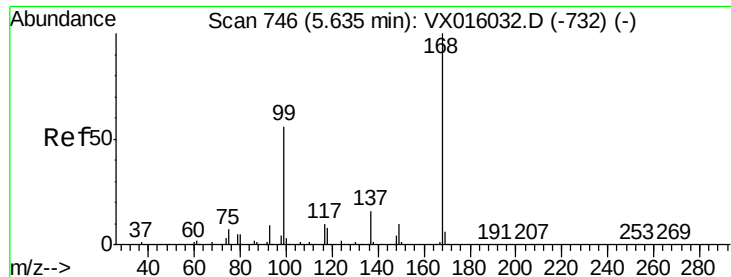
Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:11:58 PM

Quant Time: May 20 06:56:02 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	5.64	168	247300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	415780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	147117	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
35) Dibromofluoromethane	5.46	113	120271	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
50) Toluene-d8	8.70	98	513310	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.12	95	206208	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
Target Compounds						
4) Vinyl Chloride	1.39	62	1295	0.399	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	2295m	0.733	ug/l	
40) Benzene	6.12	78	61446	5.131	ug/l	100
65) Chlorobenzene	10.12	112	436921	51.208	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	11891	1.704	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	26920	3.800	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	109131	16.238	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016328.D

Acq: 19 May 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514DL

Tot Ion:168 Resp: 247300

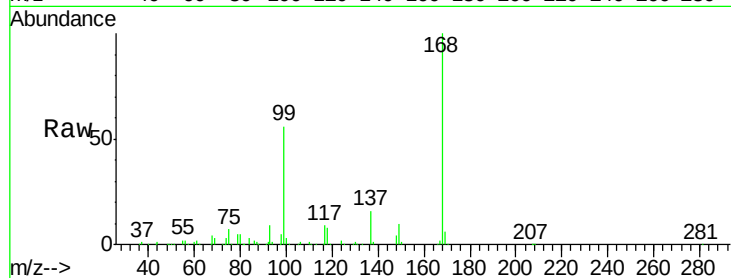
Ion Ratio Lower Upper

168 100

99 56.0 45.0 67.4

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:11:58 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

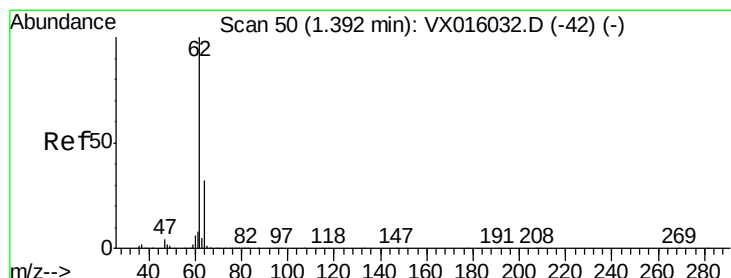
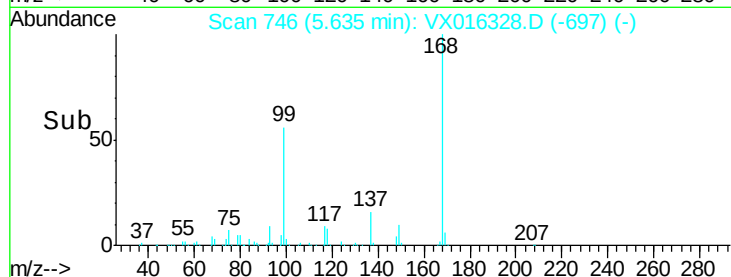
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 0.399 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016328.D

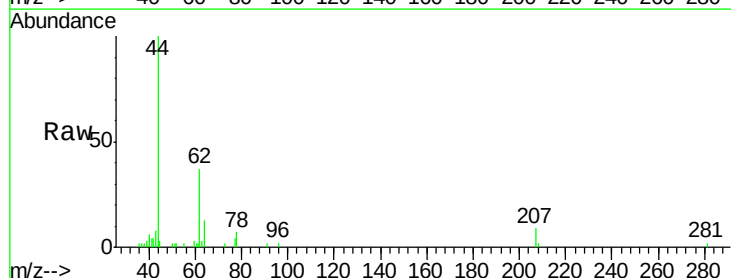
Acq: 19 May 2020 12:49

Tgt Ion: 62 Resp: 1295

Ion Ratio Lower Upper

62 100

64 35.4 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

1500

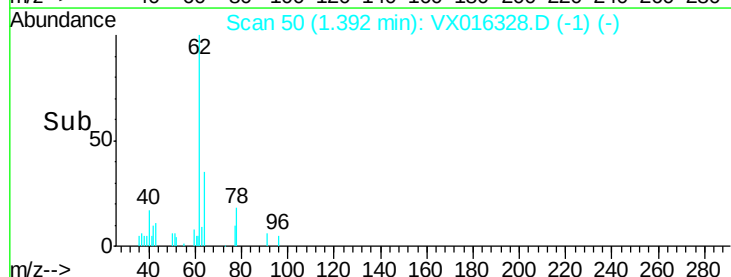
1000

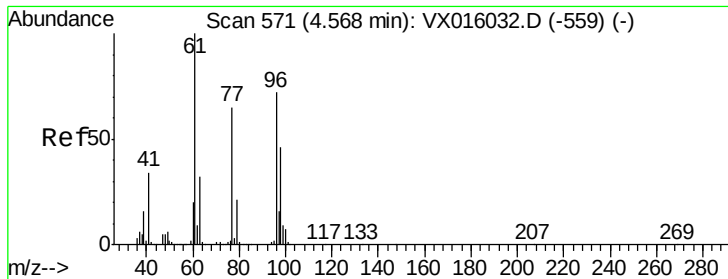
500

0

1.35 1.40 1.45

Time-->





#27

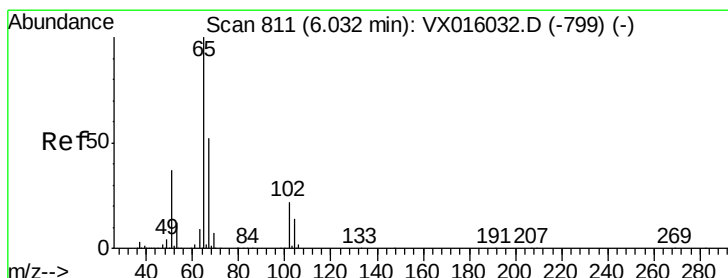
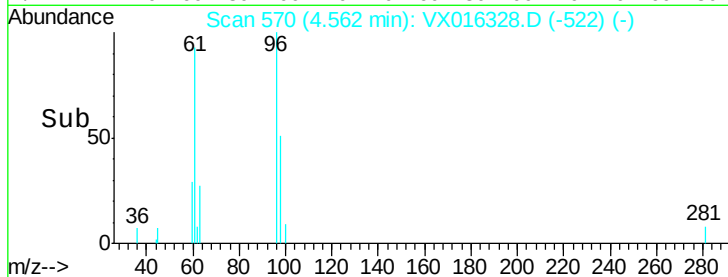
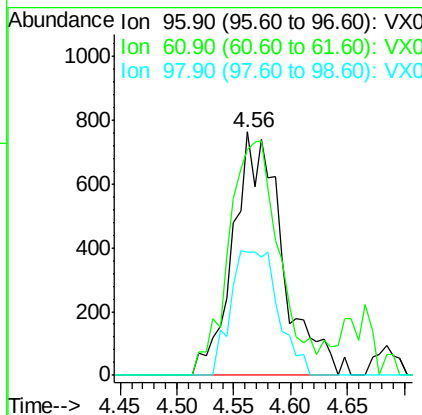
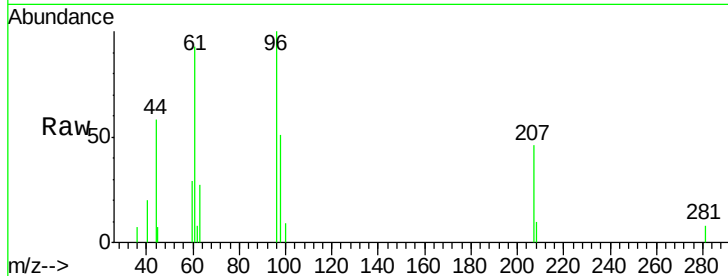
cis-1,2-Dichloroethene
Concen: 0.733 ug/l m
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016328.D
Acq: 19 May 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514DL

Tot Ion	Ratio	Resp	Lower	Upper
96	100	2295		
61	99.3		0.0	296.2
98	49.2		0.0	129.4

Manual Integrations
APPROVED

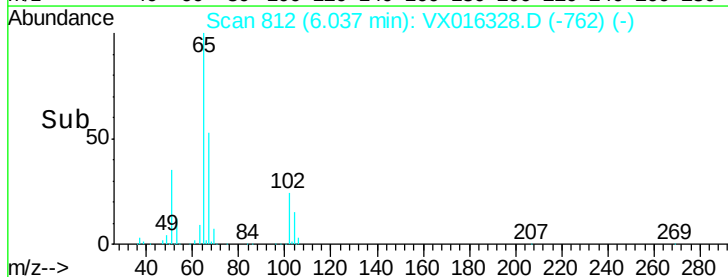
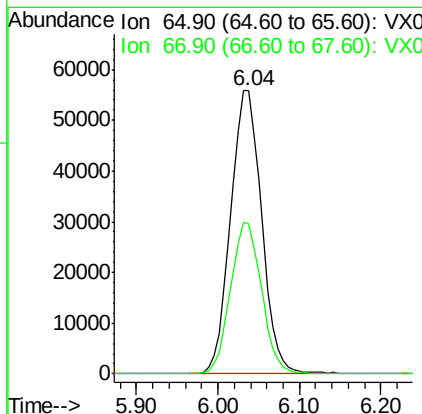
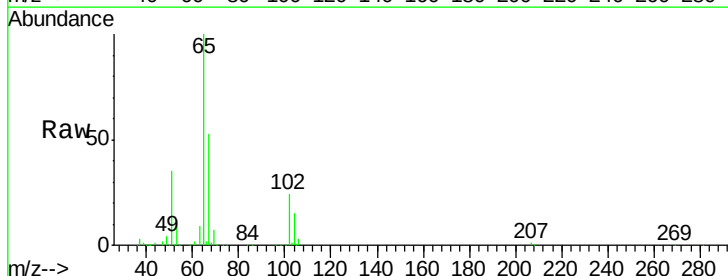
MMDadoda
5/21/2020 1:11:58 PM

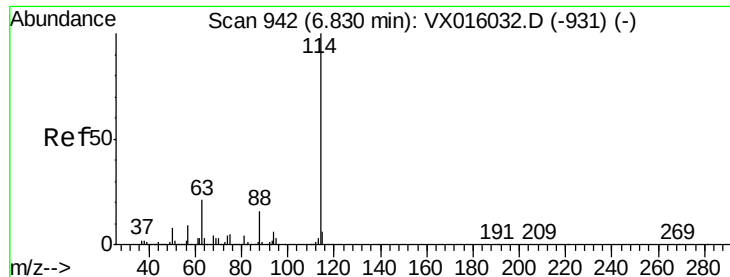


#33

1,2-Dichloroethane-d4
Concen: 45.208 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016328.D
Acq: 19 May 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	147117		
67	53.6		0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016328.D

Acq: 19 May 2020 12:49

Instrument :

MSVOA_X

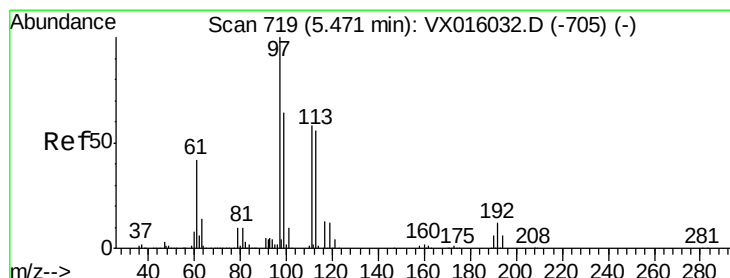
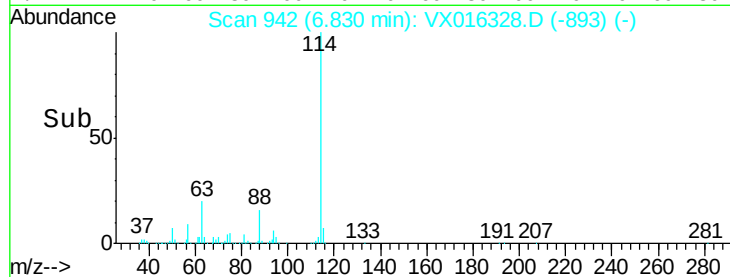
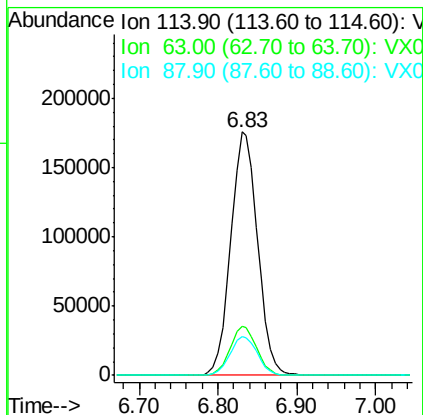
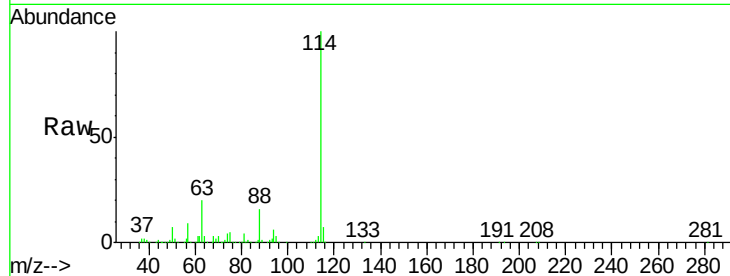
ClientSampleId :

WP021MW173-200514DL

Tot Ion:	114	Resp:	415780
Ion Ratio		Lower	Upper
114	100		
63	20.4	0.0	42.8
88	16.0	0.0	31.4

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:11:58 PM



#35

Dibromofluoromethane

Concen: 45.658 ug/l

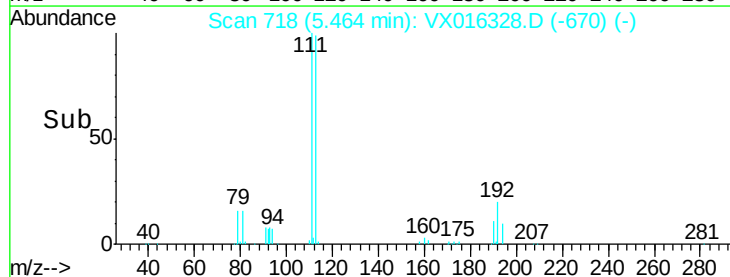
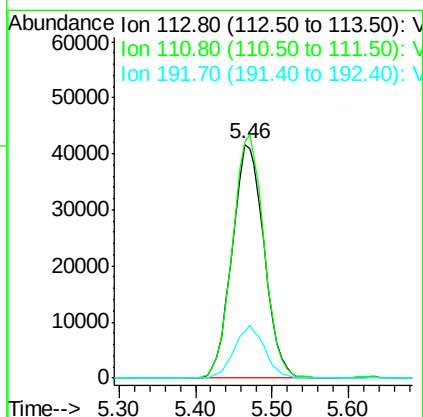
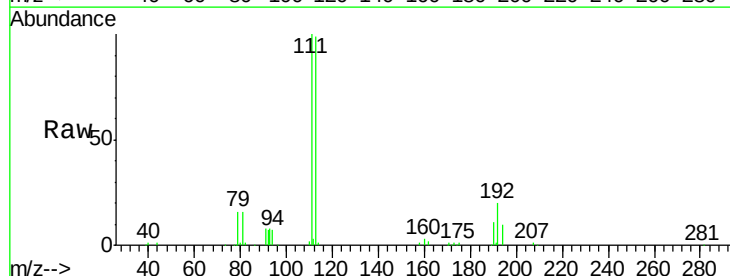
RT: 5.46 min Scan# 718

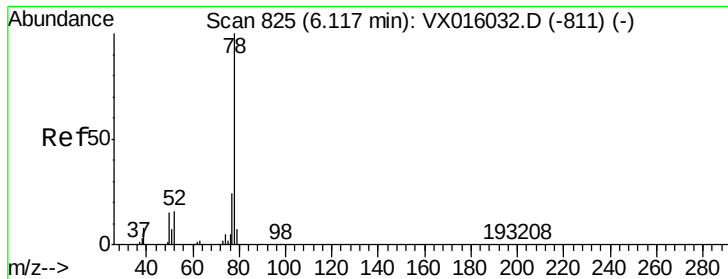
Delta R.T. -0.01 min

Lab File: VX016328.D

Acq: 19 May 2020 12:49

Tgt Ion:	113	Resp:	120271
Ion Ratio		Lower	Upper
113	100		
111	102.9	81.6	122.4
192	21.5	17.0	25.4





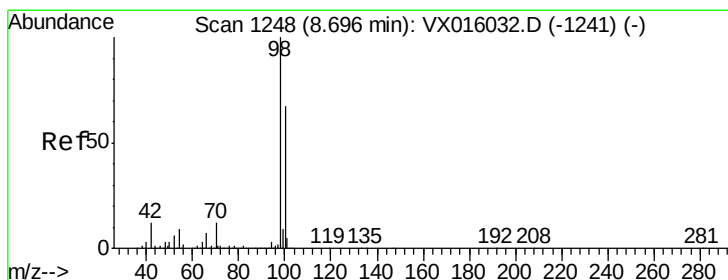
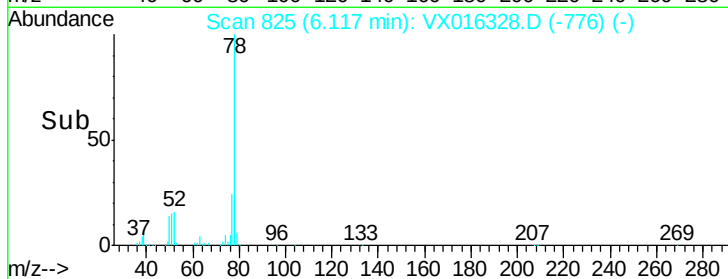
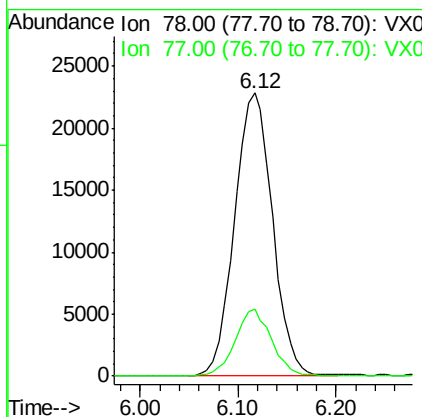
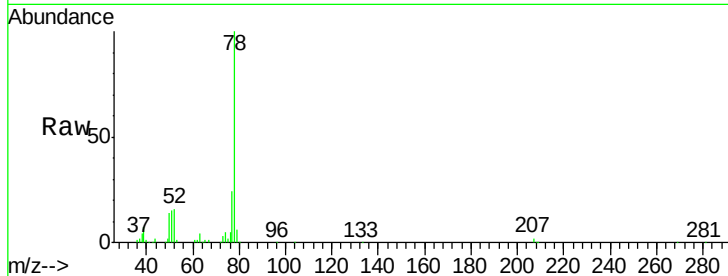
#40
Benzene
Concen: 5.131 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016328.D
Acq: 19 May 2020 12:49

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514DL

Tot Ion	Ion	Ratio	Lower	Upper
78	78	100		
77	77	23.7	19.0	28.4

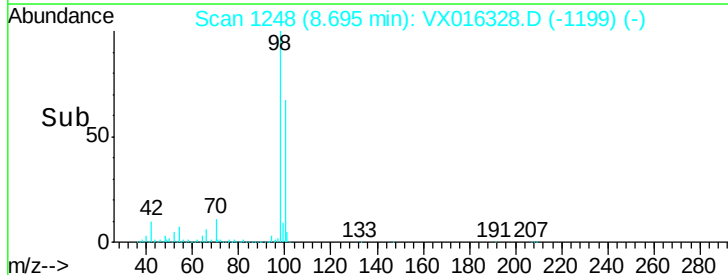
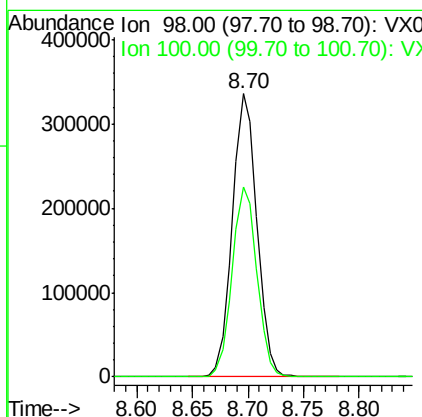
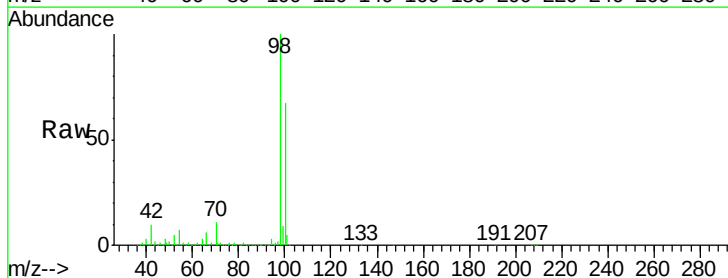
Manual Integrations
APPROVED

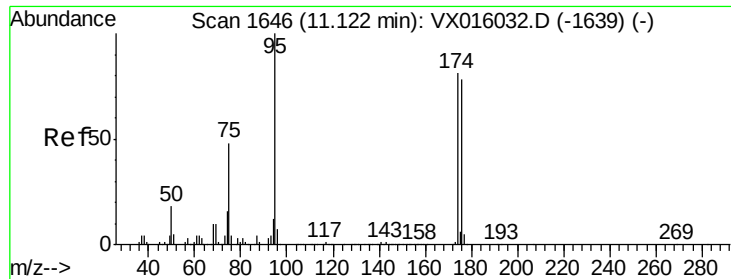
MMDadoda
5/21/2020 1:11:58 PM



#50
Toluene-d8
Concen: 50.575 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016328.D
Acq: 19 May 2020 12:49

Tgt Ion	Ion	Ratio	Lower	Upper
98	98	100		
100	100	67.8	53.7	80.5





#62

4-Bromofluorobenzene

Concen: 53.416 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016328.D

Acq: 19 May 2020 12:49

Instrument :

MSVOA_X

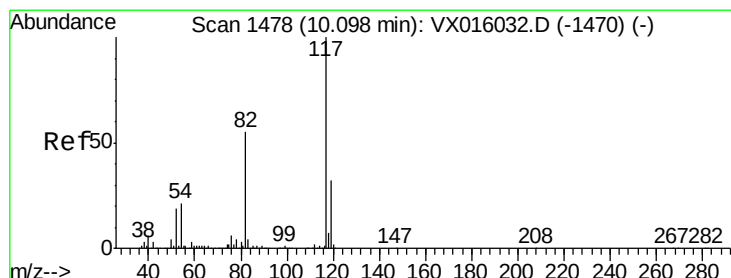
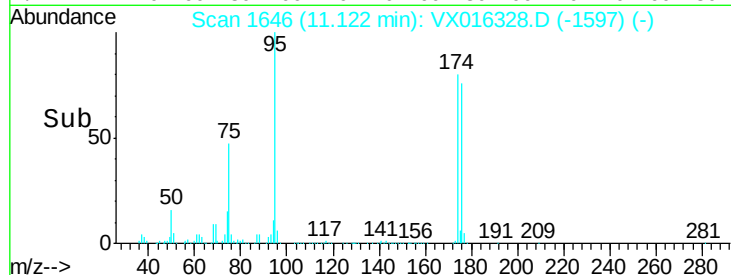
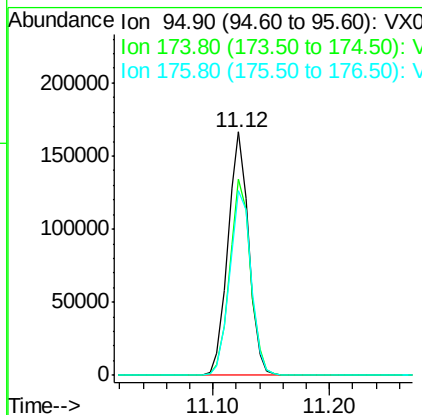
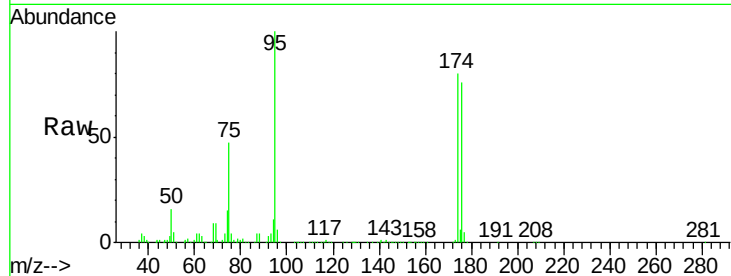
ClientSampleId :

WP021MW173-200514DL

Tot Ion:	95	Resp:	206208
Ion Ratio	Lower	Upper	
95	100		
174	80.7	0.0	159.4
176	78.6	0.0	157.6

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:11:58 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

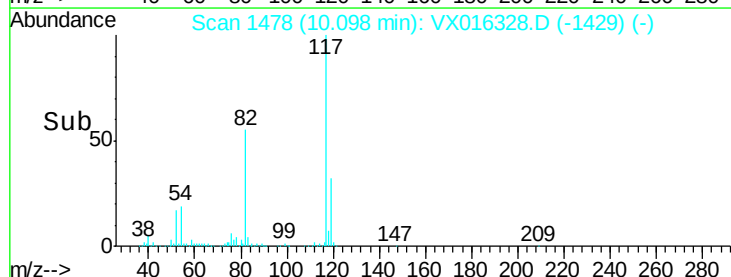
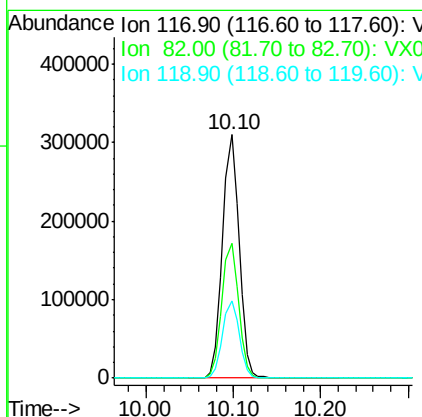
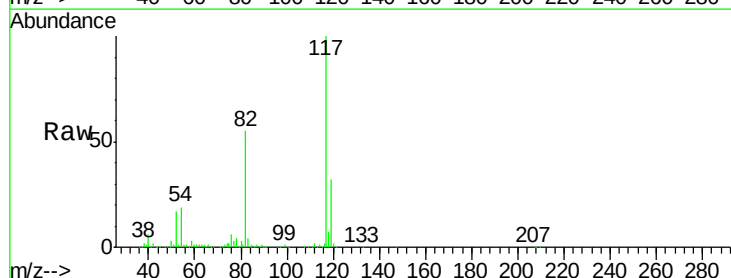
RT: 10.10 min Scan# 1478

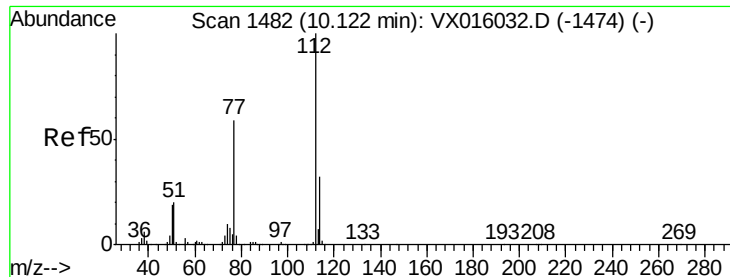
Delta R.T. -0.00 min

Lab File: VX016328.D

Acq: 19 May 2020 12:49

Tgt Ion:	117	Resp:	407487
Ion Ratio	Lower	Upper	
117	100		
82	55.4	44.4	66.6
119	31.7	25.5	38.3





#65

Chlorobenzene

Concen: 51.208 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016328.D

Acq: 19 May 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514DL

Tot Ion:112 Resp: 436921

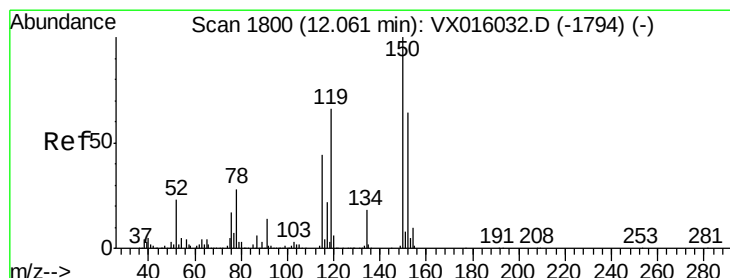
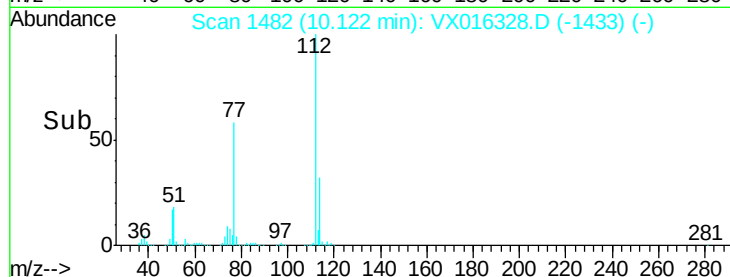
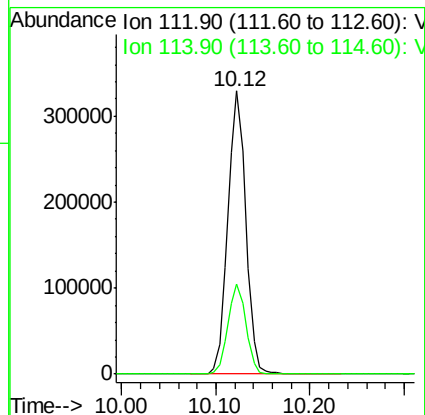
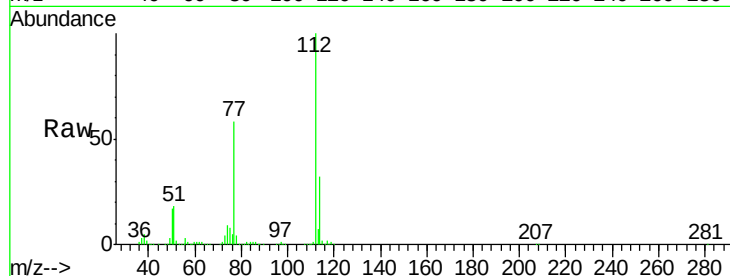
Ion Ratio Lower Upper

112 100

114 31.7 25.7 38.5

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:11:58 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016328.D

Acq: 19 May 2020 12:49

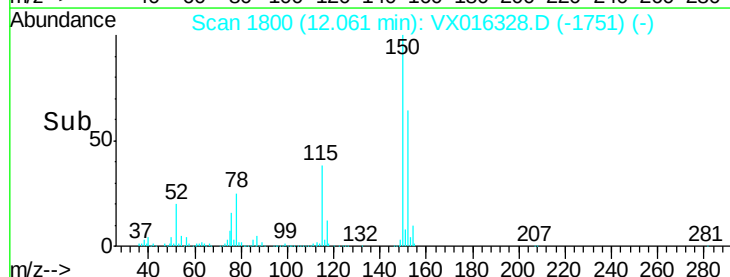
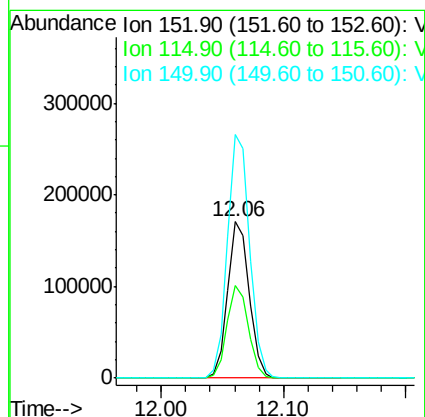
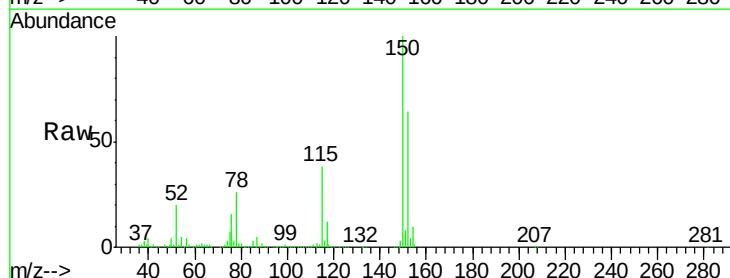
Tgt Ion:152 Resp: 207059

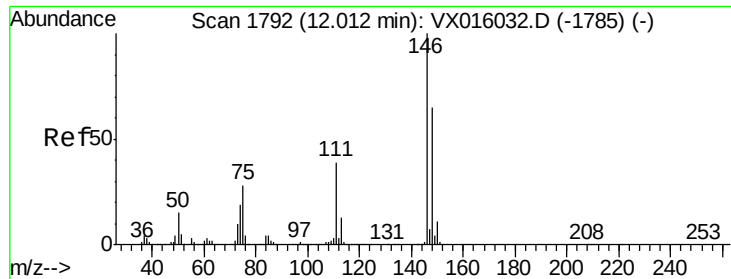
Ion Ratio Lower Upper

152 100

115 59.2 41.3 124.1

150 160.0 0.0 352.2





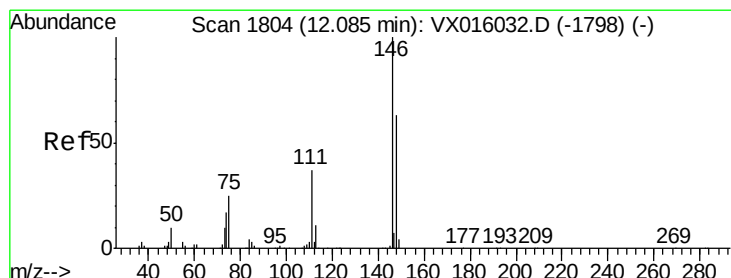
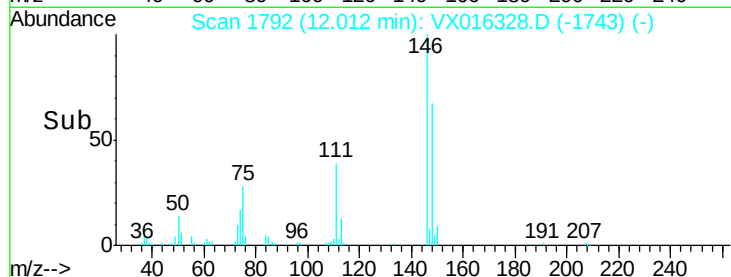
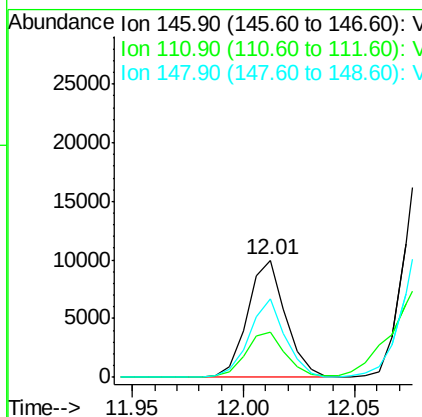
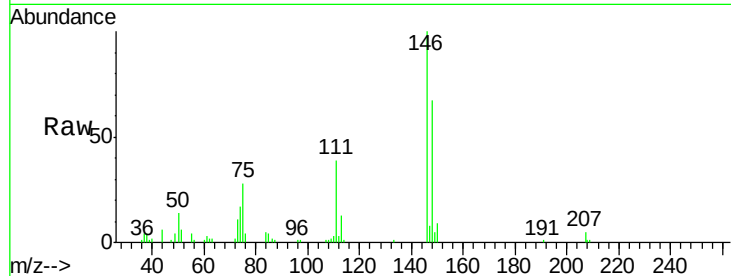
#87
 1,3-Dichlorobenzene
 Concen: 1.704 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016328.D
 Acq: 19 May 2020 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.2	60.6
148	64.6	32.1	96.3

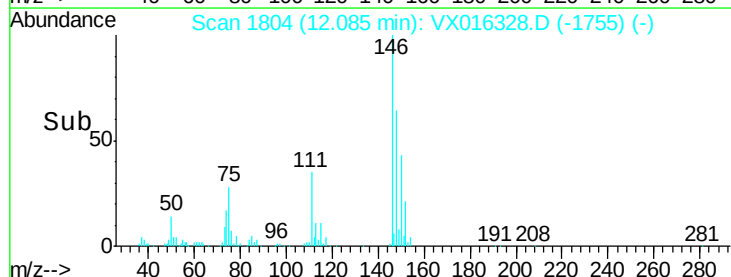
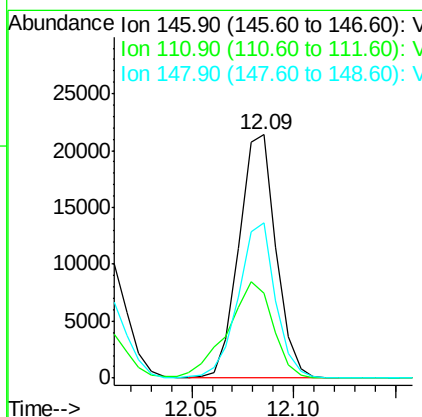
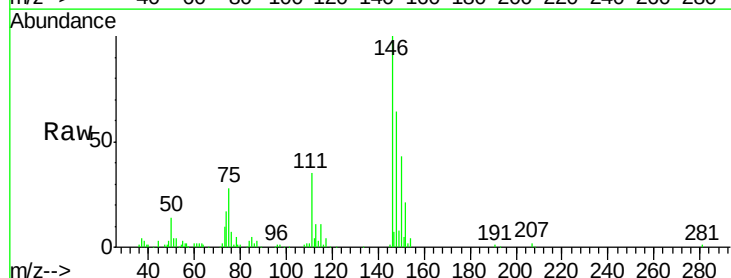
Manual Integrations
 APPROVED

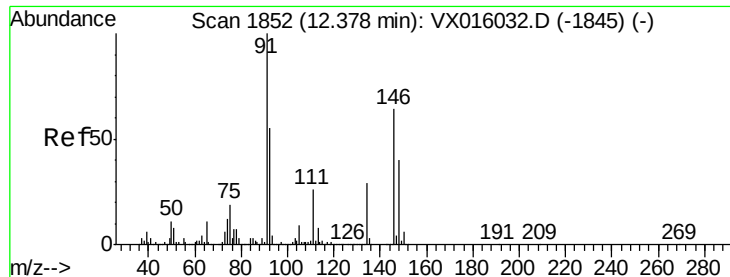
MMDadoda
 5/21/2020 1:11:58 PM



#88
 1,4-Dichlorobenzene
 Concen: 3.800 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016328.D
 Acq: 19 May 2020 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.5	19.6	58.7
148	64.4	31.8	95.3





#91
 1,2-Dichlorobenzene
 Concen: 16.238 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016328.D
 Acq: 19 May 2020 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514DL

Tot Ion:	146	Resp:	109131
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.1	63.1
148	63.8	32.4	97.0

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:11:58 PM

