

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016479.D
 Acq On : 28 May 2020 12:52
 Operator : JC/SP
 Sample : L2730-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW246-200520DL

Manual Integrations
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 5/29/2020 10:57:44 AM

Quant Time: May 29 06:03:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	296672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	485240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	478956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	253529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	179675	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
35) Dibromofluoromethane	5.46	113	147416	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	8.70	98	600420	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.12	95	250056	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.30%	
Target Compounds						
40) Benzene	6.11	78	37275	2.724	ug/l	98
65) Chlorobenzene	10.12	112	506105	51.831	ug/l	100
83) tert-Butylbenzene	11.76	119	6171	0.492	ug/l	95
87) 1,3-Dichlorobenzene	12.01	146	3856	0.483	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	12825m	1.571	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	23744	3.070	ug/l	97

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

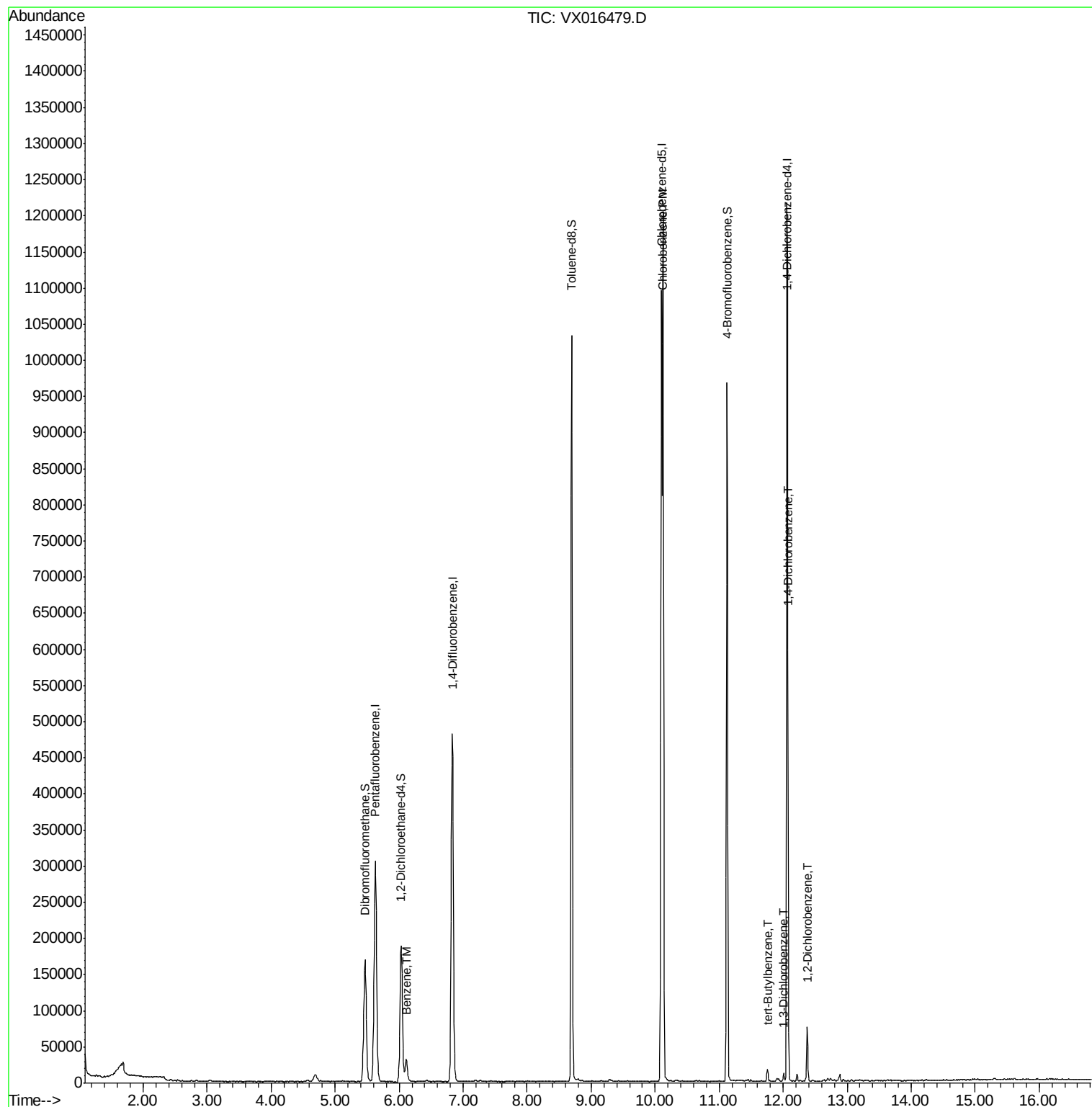
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052820\
Data File : VX016479.D
Acq On : 28 May 2020 12:52
Operator : JC/SP
Sample : L2730-03DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

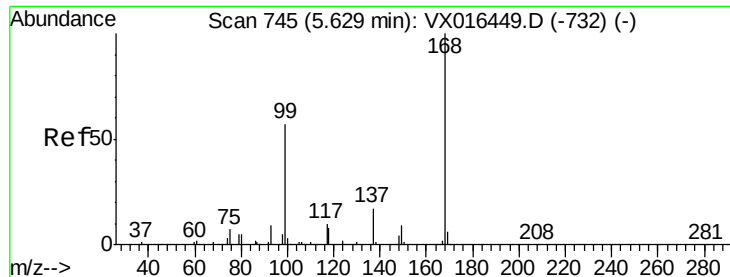
Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-200520DL

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Quant Time: May 29 06:03:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016479.D

Acq: 28 May 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-200520DL

Tot Ion:168 Resp: 296672

Ion Ratio Lower Upper

168 100

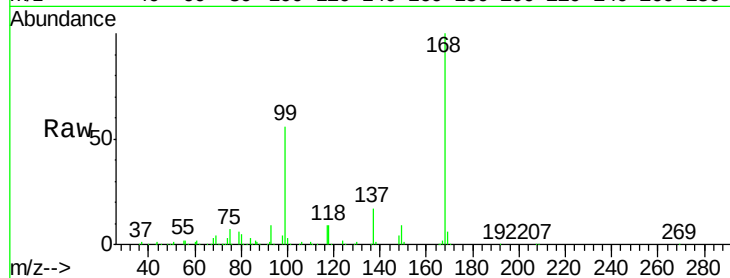
99 56.0 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

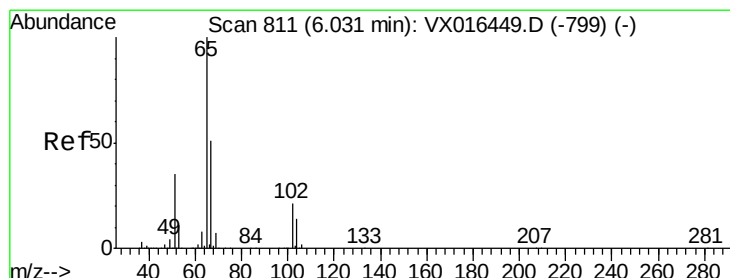
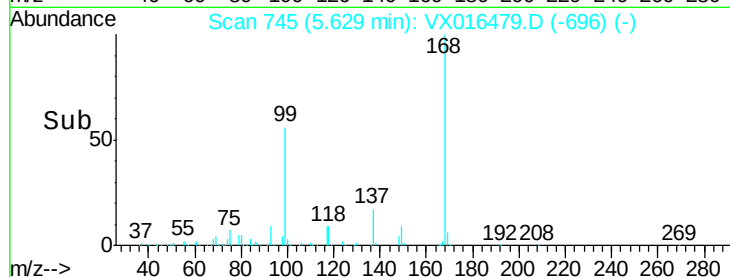
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.768 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016479.D

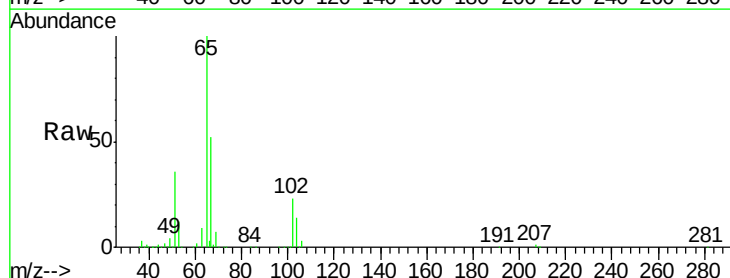
Acq: 28 May 2020 12:52

Tgt Ion: 65 Resp: 179675

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

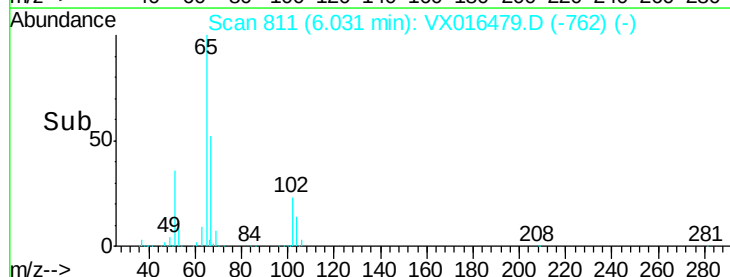
60000

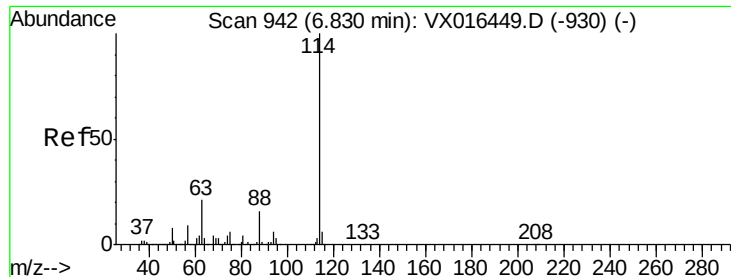
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016479.D

Acq: 28 May 2020 12:52

Instrument :

MSVOA_X

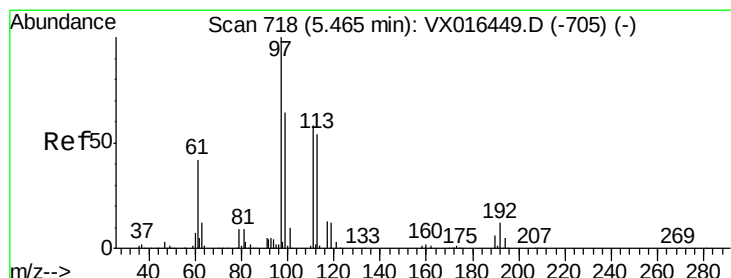
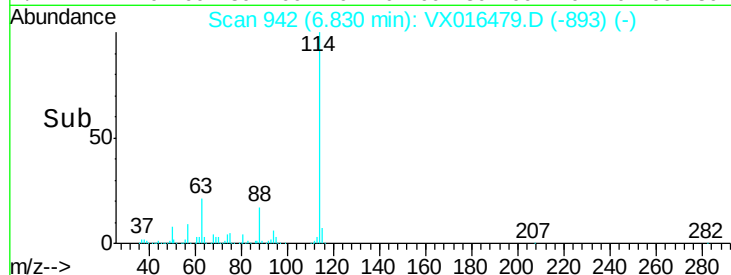
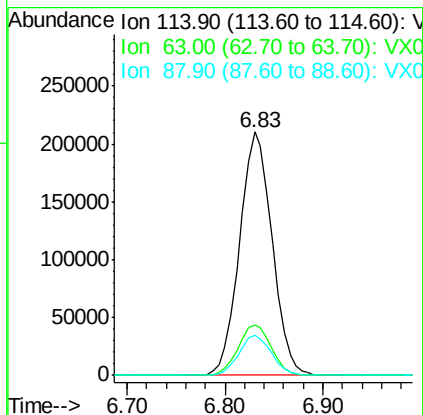
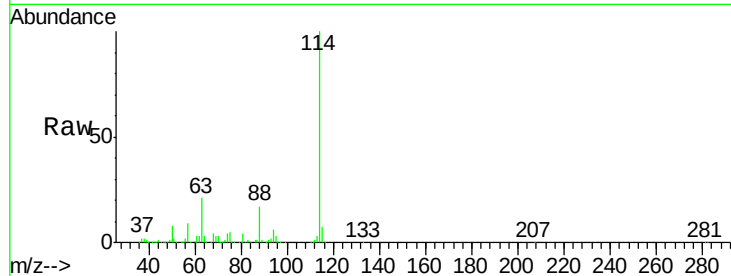
ClientSampleId :

WP021RW246-200520DL

Tot Ion:	114	Resp:	485240
Ion Ratio		Lower	Upper
114	100		
63	20.6	0.0	42.6
88	16.6	0.0	32.8

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#35

Dibromofluoromethane

Concen: 49.339 ug/l

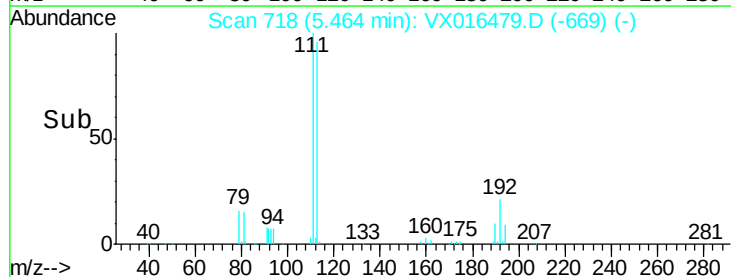
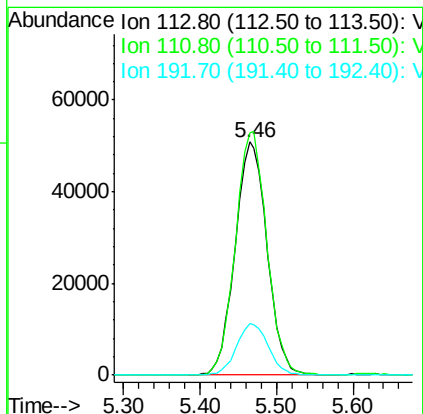
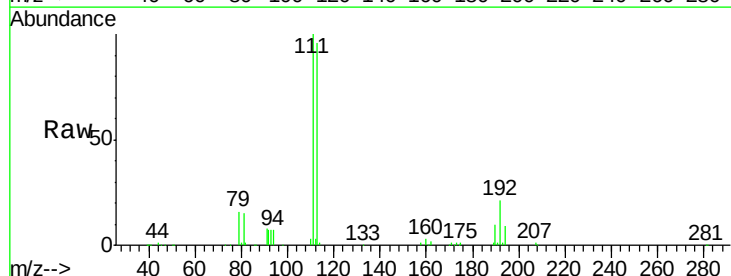
RT: 5.46 min Scan# 718

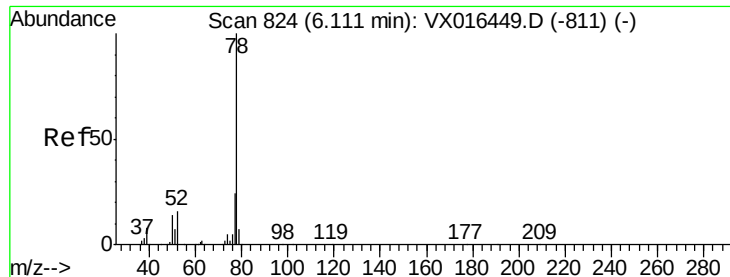
Delta R.T. -0.00 min

Lab File: VX016479.D

Acq: 28 May 2020 12:52

Tgt Ion:	113	Resp:	147416
Ion Ratio		Lower	Upper
113	100		
111	102.9	83.0	124.6
192	22.1	17.7	26.5





#40

Benzene

Concen: 2.724 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX016479.D

Acq: 28 May 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-200520DL

Tot Ion: 78 Resp: 37275

Ion Ratio Lower Upper

78 100

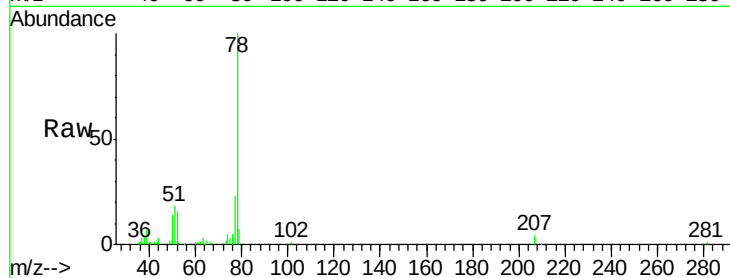
77 22.6 18.9 28.3

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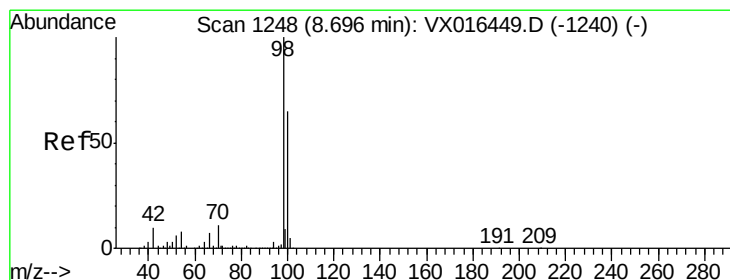
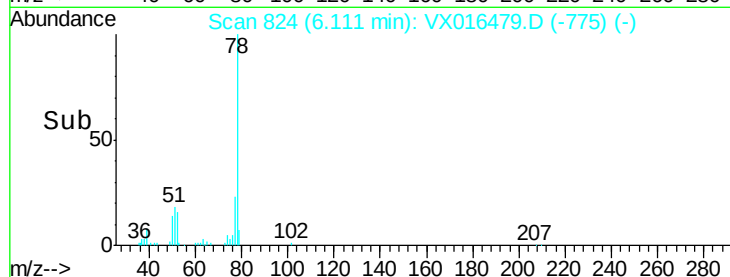
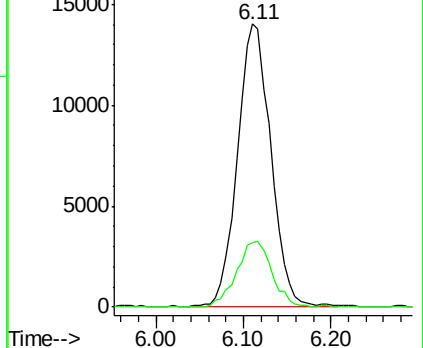
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.630 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016479.D

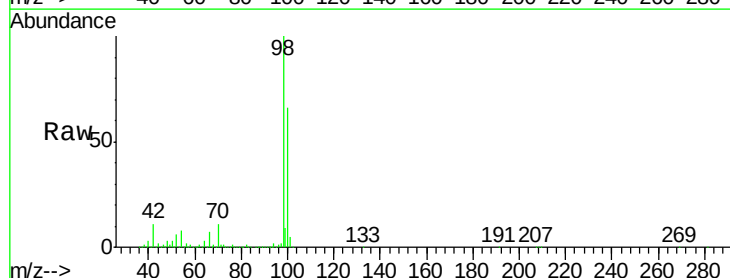
Acq: 28 May 2020 12:52

Tgt Ion: 98 Resp: 600420

Ion Ratio Lower Upper

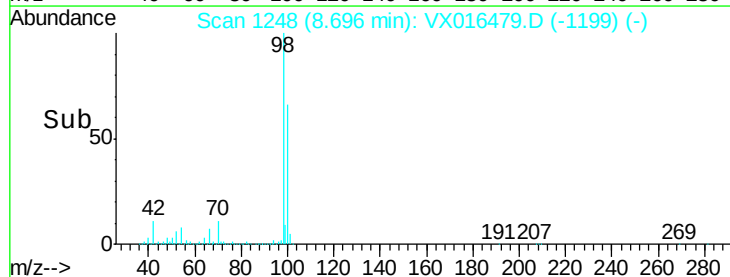
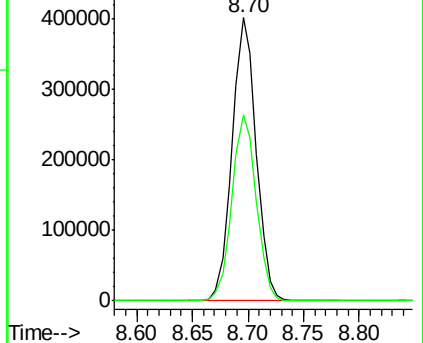
98 100

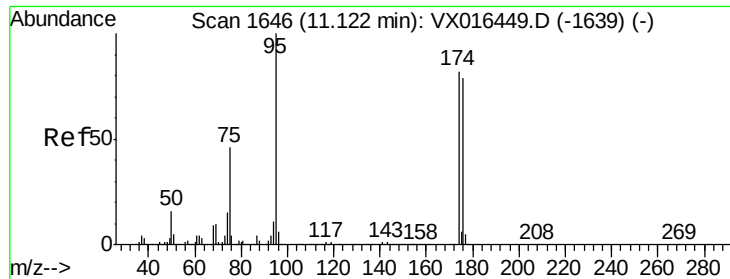
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





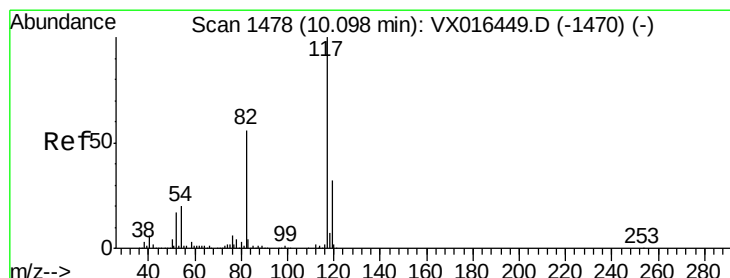
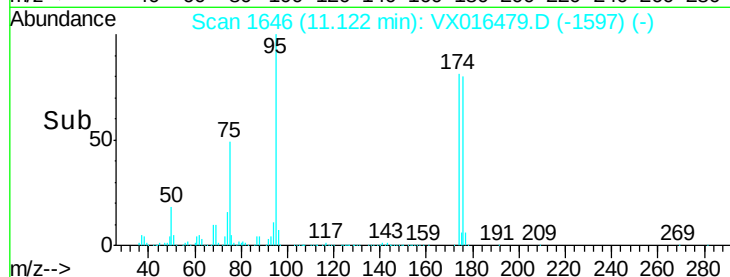
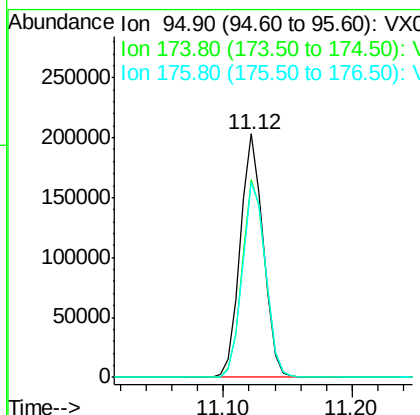
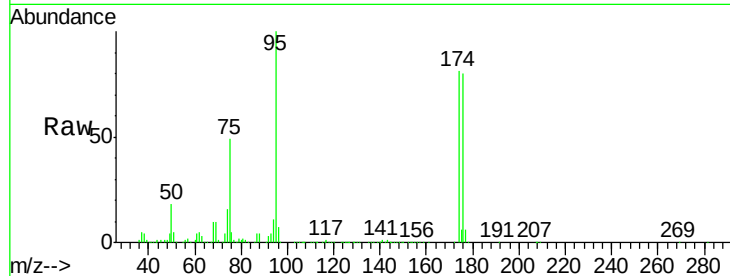
#62
4-Bromofluorobenzene
Concen: 55.648 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016479.D
Acq: 28 May 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	250056		
174	81.7	0.0	163.0	
176	80.7	0.0	156.8	

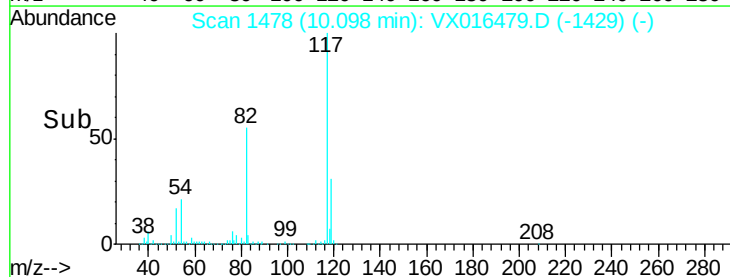
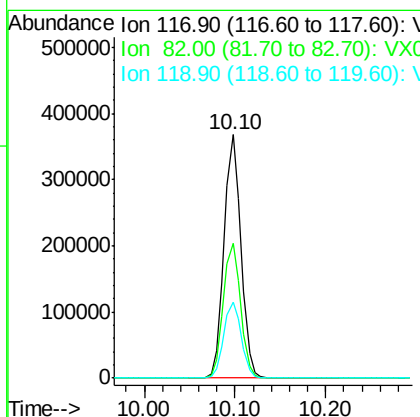
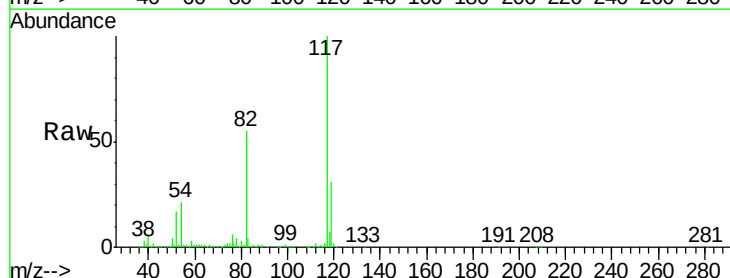
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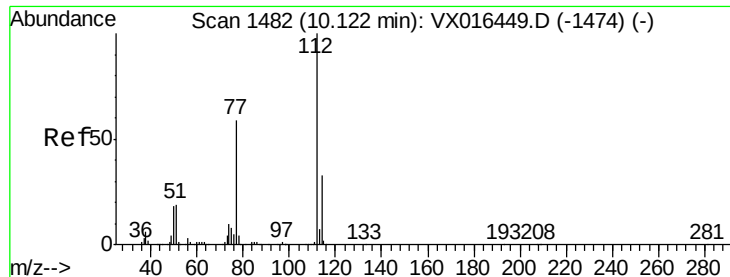
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016479.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	478956		
82	55.4	45.0	67.6	
119	31.0	25.8	38.8	





#65

Chlorobenzene

Concen: 51.831 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016479.D

Acq: 28 May 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-200520DL

Tot Ion:112 Resp: 506105

Ion Ratio Lower Upper

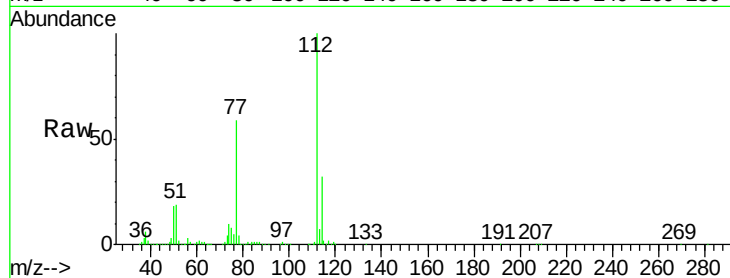
112 100

114 32.4 26.0 39.0

Manual Integrations
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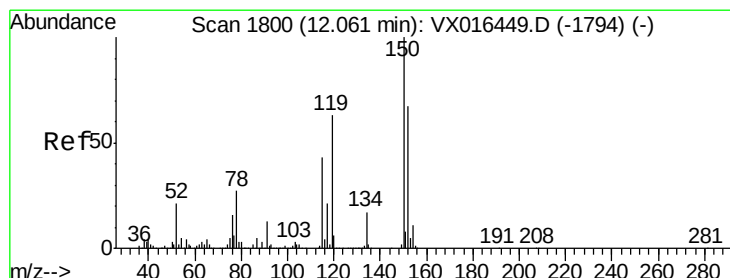
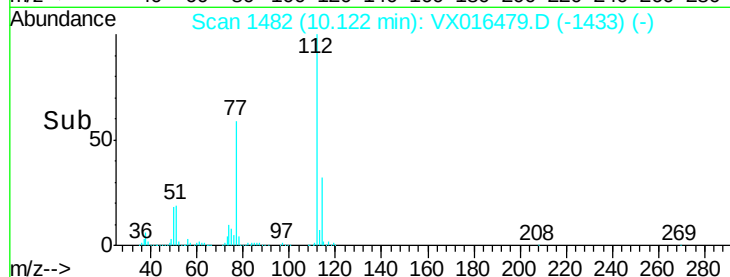
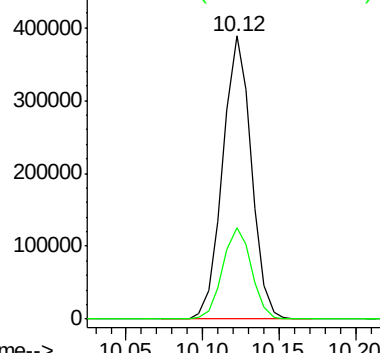
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016479.D

Acq: 28 May 2020 12:52

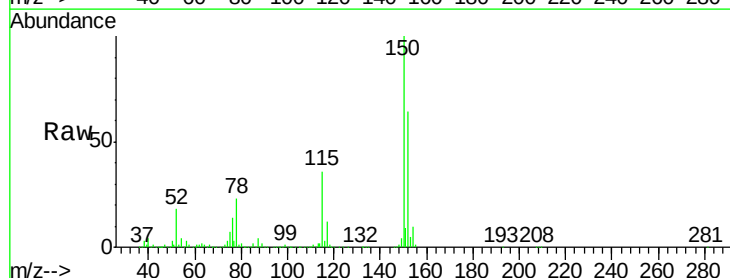
Tgt Ion:152 Resp: 253529

Ion Ratio Lower Upper

152 100

115 58.7 39.9 119.6

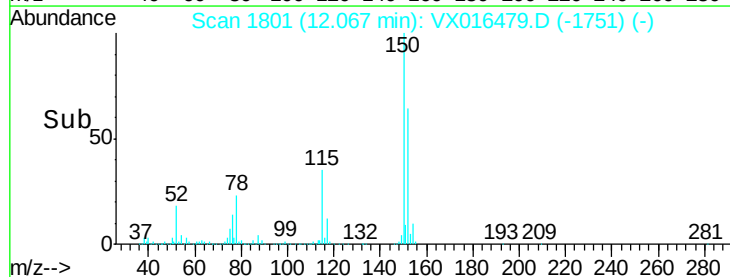
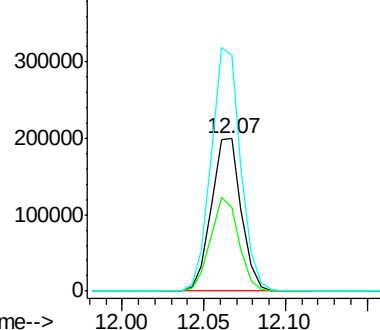
150 158.0 0.0 341.0

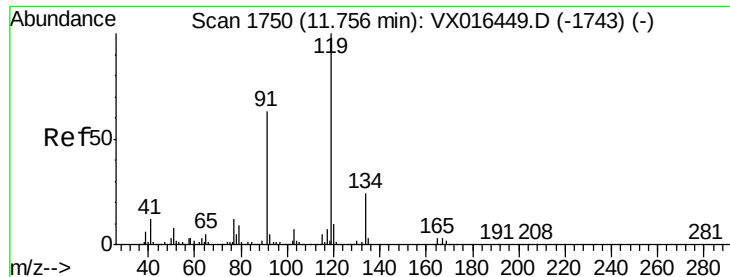


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#83

tert-Butylbenzene

Concen: 0.492 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016479.D

Acq: 28 May 2020 12:52

Instrument :

MSVOA_X

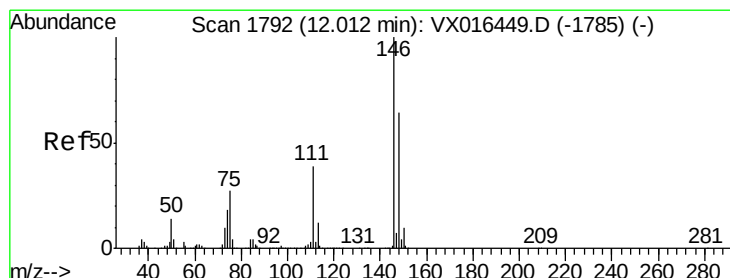
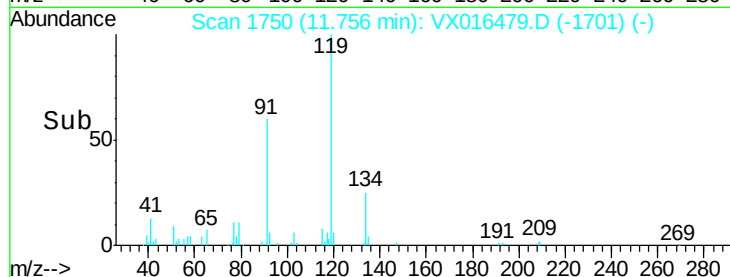
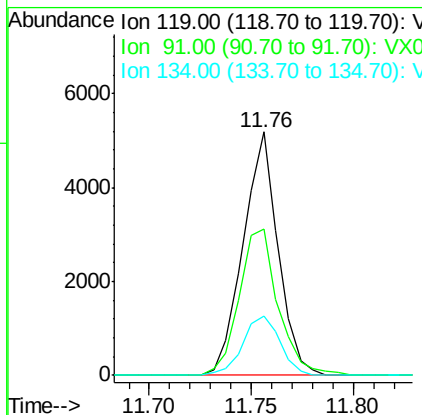
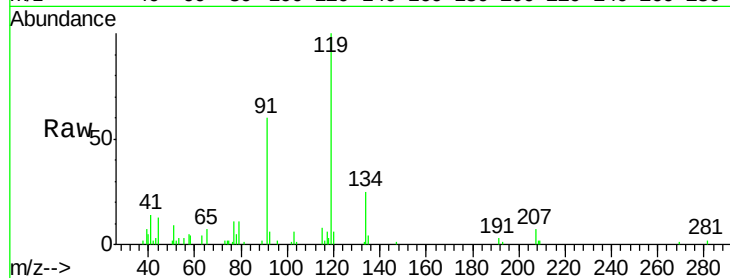
ClientSampleId :

WP021RW246-200520DL

Tot Ion:	119	Resp:	6171
Ion Ratio	Lower	Upper	
119	100		
91	67.0	31.3	93.8
134	26.0	12.0	36.0

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#87

1,3-Dichlorobenzene

Concen: 0.483 ug/l

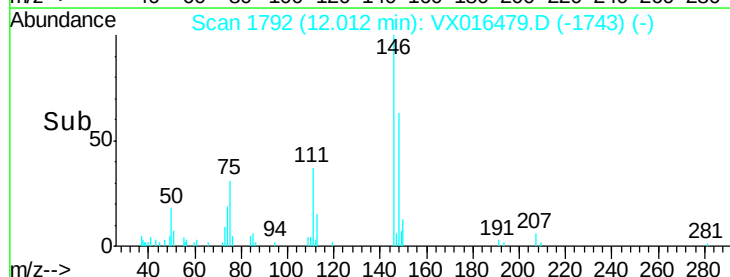
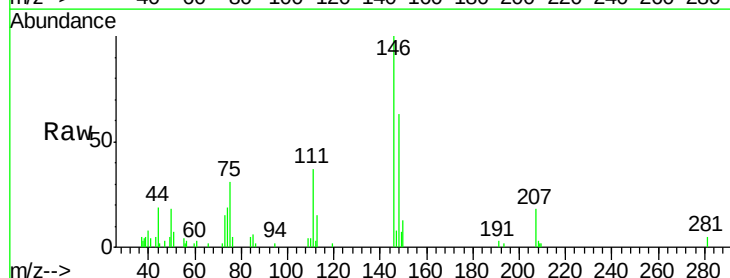
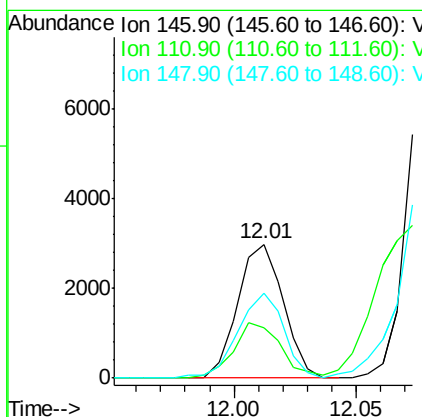
RT: 12.01 min Scan# 1792

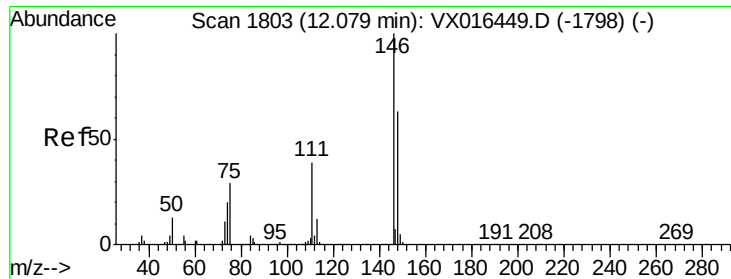
Delta R.T. -0.00 min

Lab File: VX016479.D

Acq: 28 May 2020 12:52

Tgt Ion:	146	Resp:	3856
Ion Ratio	Lower	Upper	
146	100		
111	43.1	20.0	60.0
148	63.9	31.9	95.5





#88

1,4-Dichlorobenzene

Concen: 1.571 ug/l m

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016479.D

Acq: 28 May 2020 12:52

Instrument :

MSVOA_X

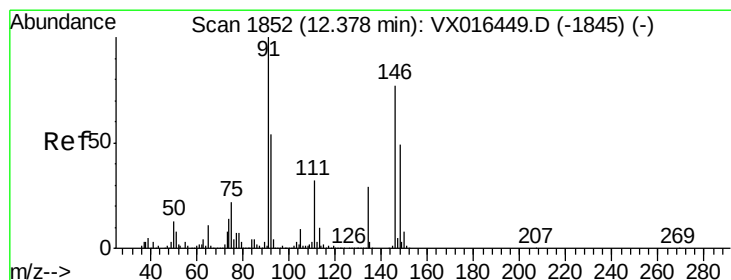
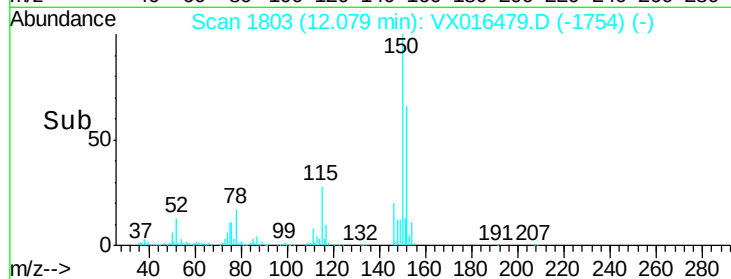
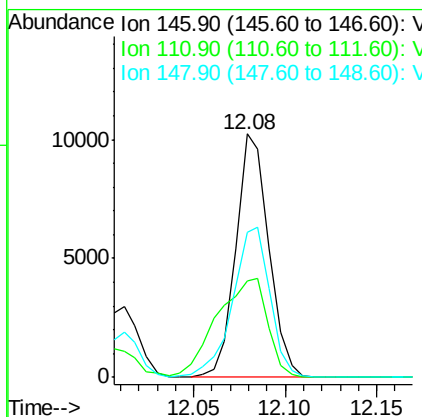
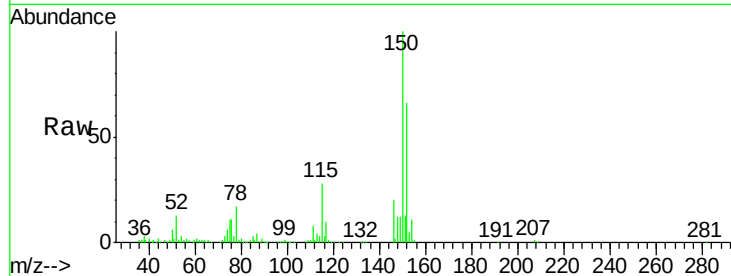
ClientSampleId :

WP021RW246-200520DL

Tot Ion:	146	Resp:	12825
Ion Ratio	Lower	Upper	
146	100		
111	13.0	19.4	58.2#
148	19.2	31.4	94.3#

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#91

1,2-Dichlorobenzene

Concen: 3.070 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016479.D

Acq: 28 May 2020 12:52

Tgt Ion:	146	Resp:	23744
Ion Ratio	Lower	Upper	
146	100		
111	41.1	21.4	64.3
148	61.5	31.9	95.7

