

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016481.D
 Acq On : 28 May 2020 13:38
 Operator : JC/SP
 Sample : L2730-05DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-DUP-0558-200520DL

Manual Integrations
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 5/29/2020 10:57:49 AM

Quant Time: May 29 06:05:25 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	308376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	501526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	493305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	248930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	183207	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
35) Dibromofluoromethane	5.47	113	143741	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	8.70	98	618643	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.12	95	249148	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	2236	2.277	ug/l #	82
40) Benzene	6.12	78	40282	2.849	ug/l	95
65) Chlorobenzene	10.12	112	610508	60.704	ug/l	100
83) tert-Butylbenzene	11.76	119	8261	0.671	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	4915	0.627	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	15856m	1.978	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	25776	3.395	ug/l	99

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

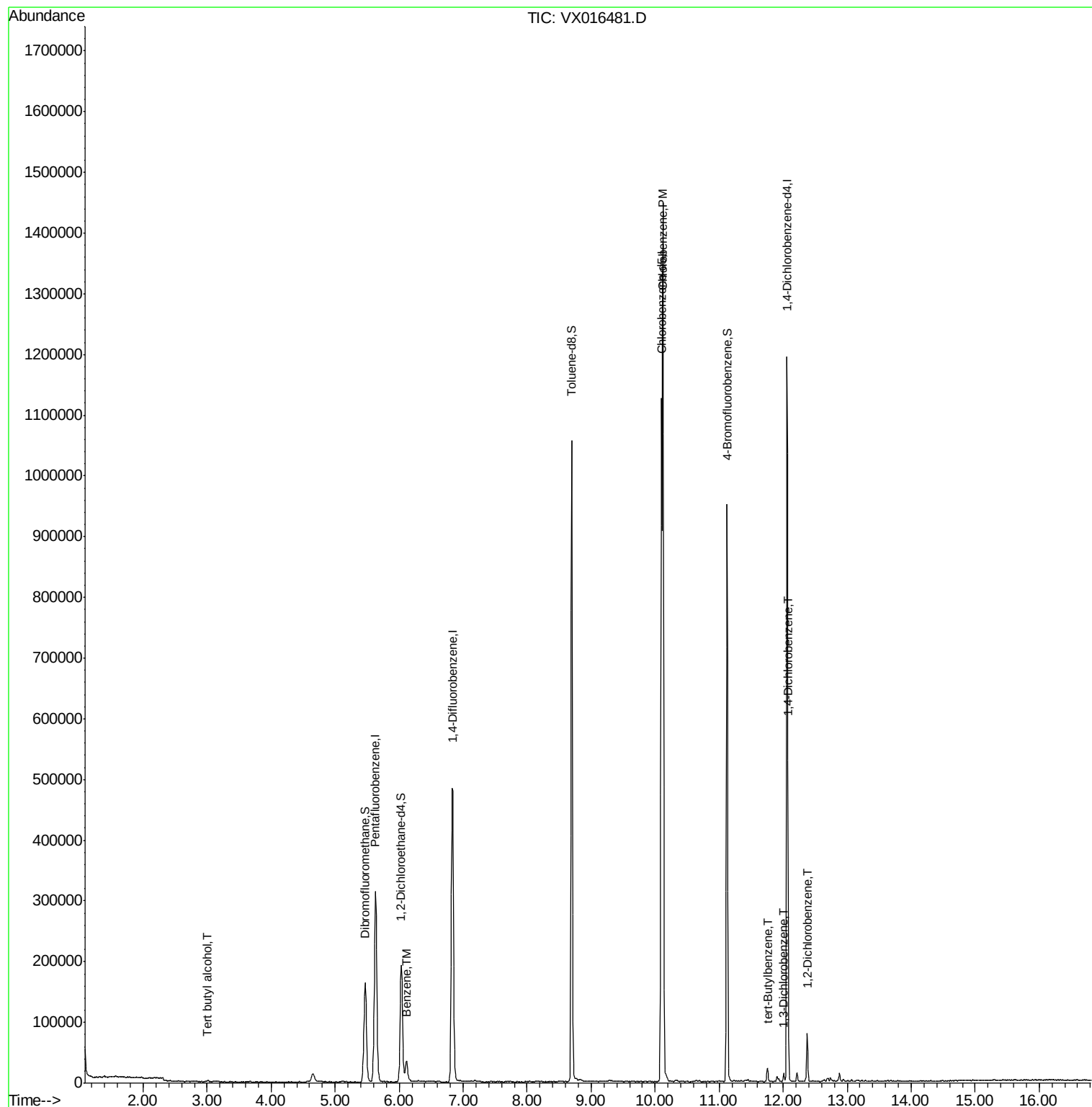
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052820\
Data File : VX016481.D
Acq On : 28 May 2020 13:38
Operator : JC/SP
Sample : L2730-05DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

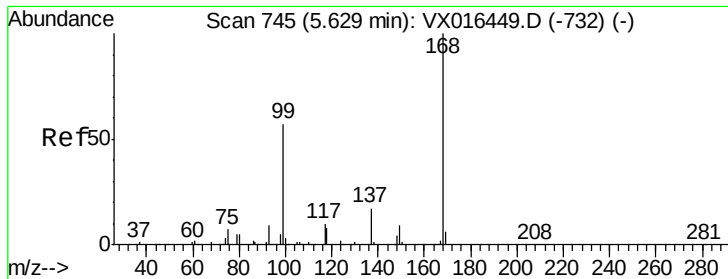
Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0558-200520DL

Manual Integrations
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Quant Time: May 29 06:05:25 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

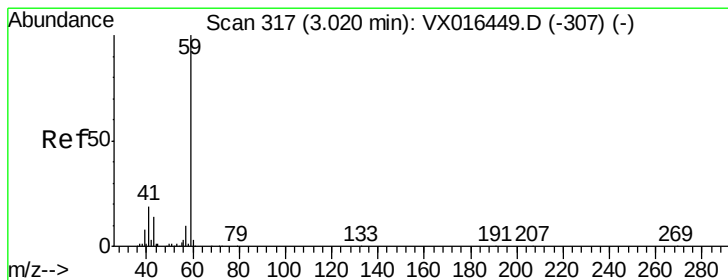
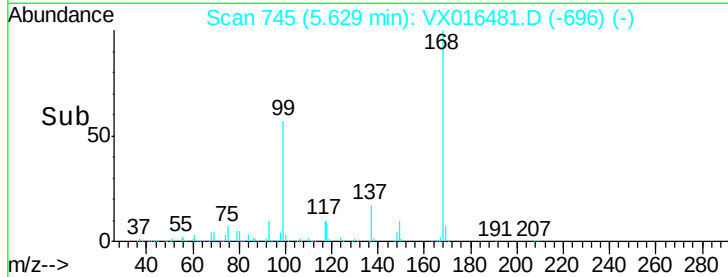
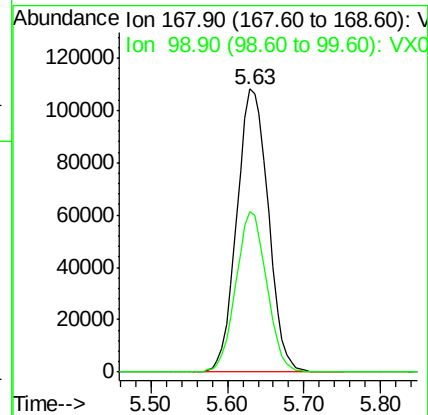
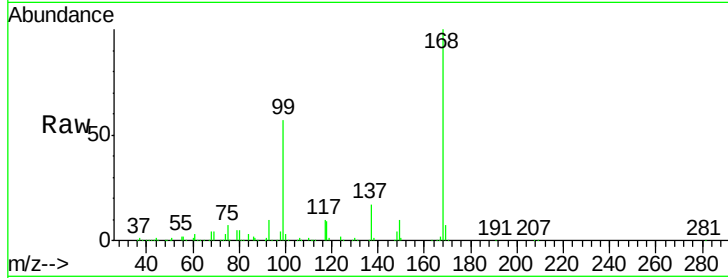
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX016481.D
 Acq: 28 May 2020 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-DUP-0558-200520DL

Tot Ion	Ratio	Resp	Lower	Upper
168	100	308376		
99	56.9	45.2	67.8	

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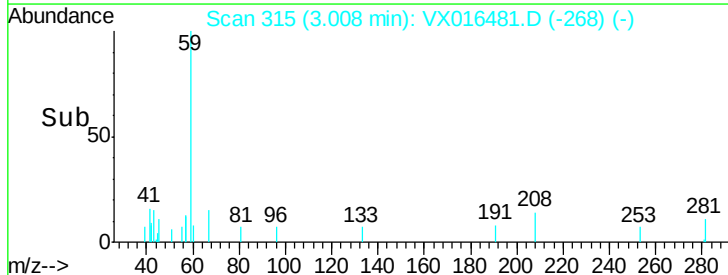
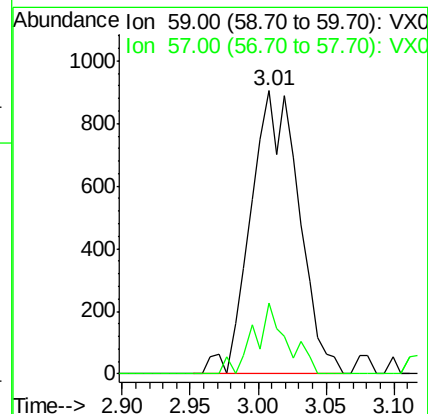
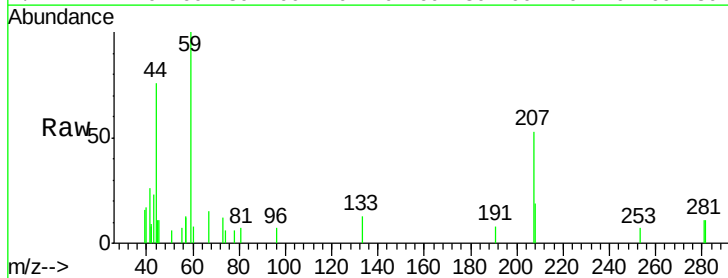
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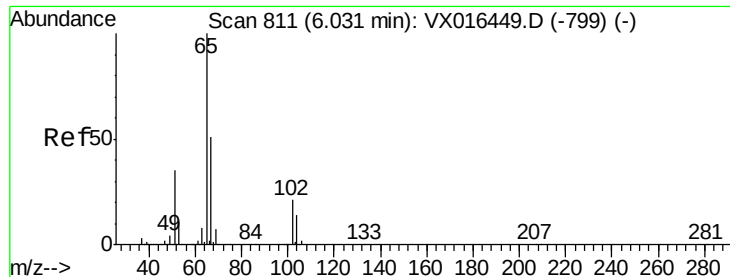


#11

Tert butyl alcohol
 Concen: 2.277 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016481.D
 Acq: 28 May 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	2236		
57	17.1	8.2	12.4	





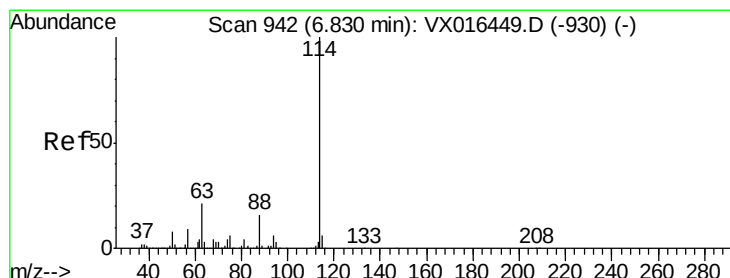
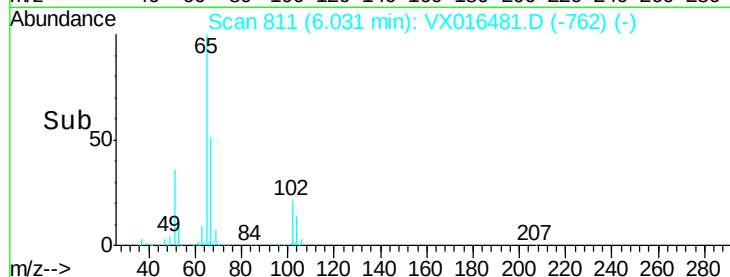
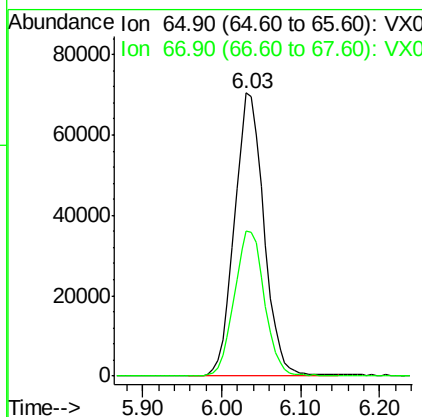
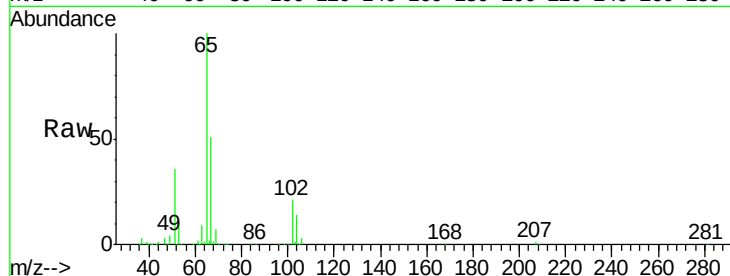
#33
 1,2-Dichloroethane-d4
 Concen: 47.839 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016481.D
 Acq: 28 May 2020 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-DUP-0558-200520DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	183207		
67	52.5	0.0	104.8	

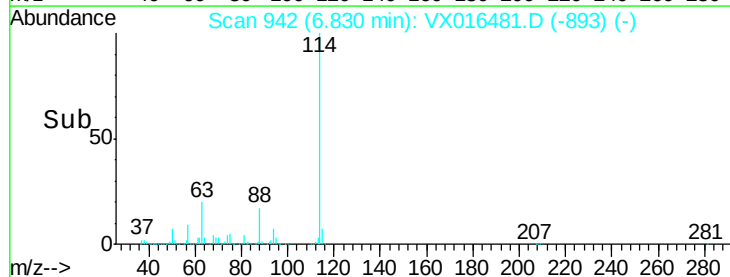
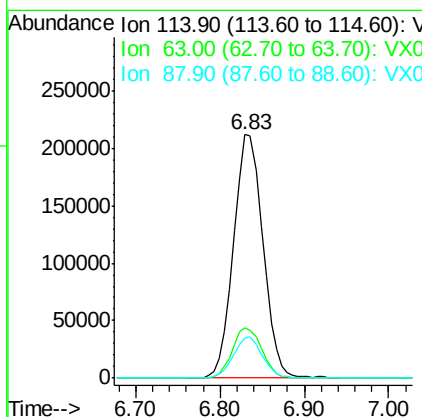
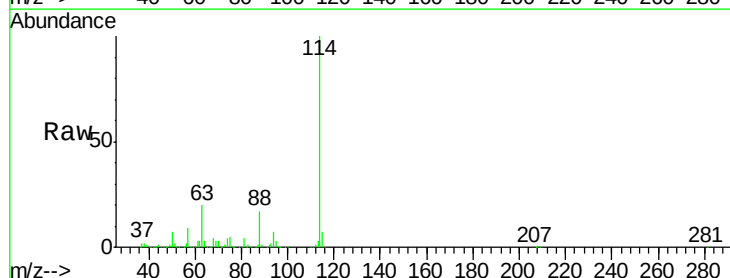
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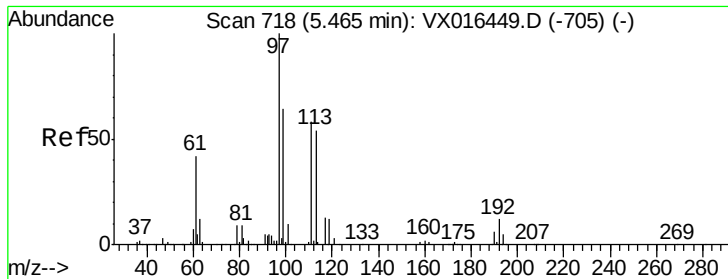
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016481.D
 Acq: 28 May 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	501526		
63	20.5	0.0	42.6	
88	16.7	0.0	32.8	





#35

Dibromofluoromethane

Concen: 46.546 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016481.D

Acq: 28 May 2020 13:38

Instrument :

MSVOA_X

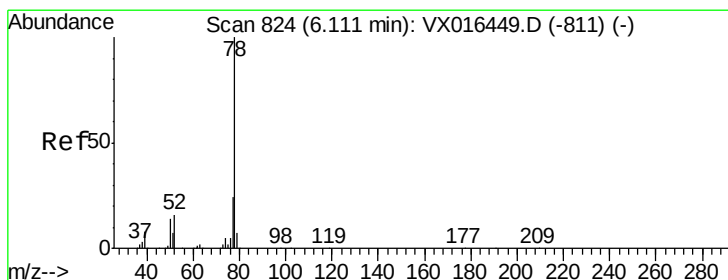
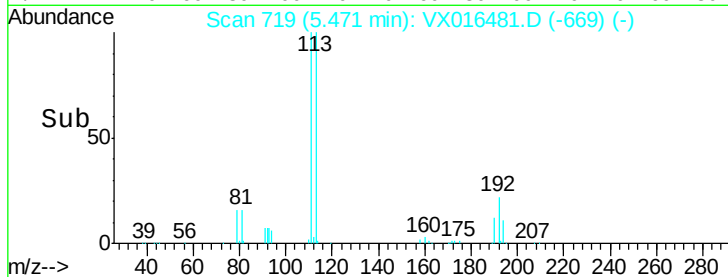
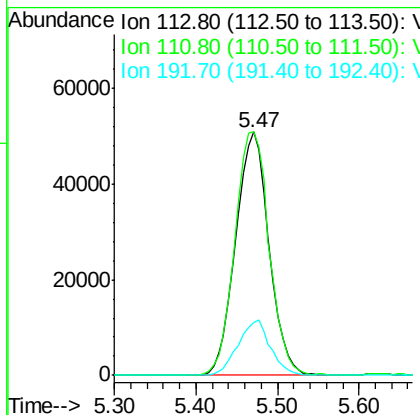
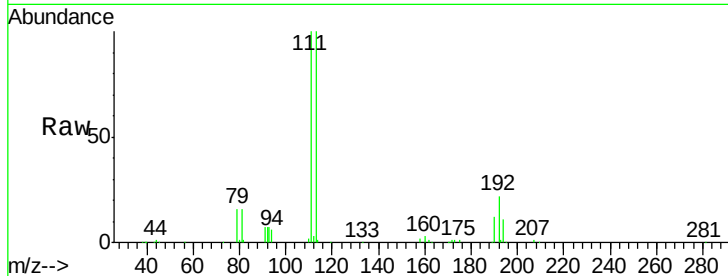
ClientSampleId :

Z2-DUP-0558-200520DL

Tot Ion:	113	Resp:	143741
Ion Ratio	Lower	Upper	
113	100		
111	103.5	83.0	124.6
192	21.9	17.7	26.5

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#40

Benzene

Concen: 2.849 ug/l

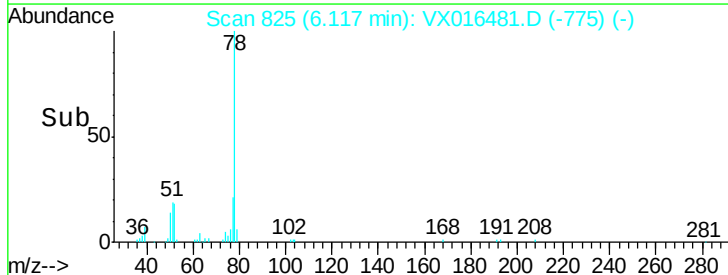
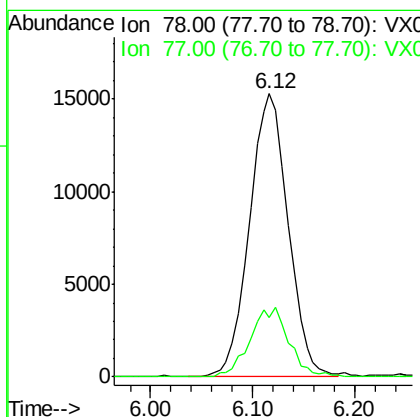
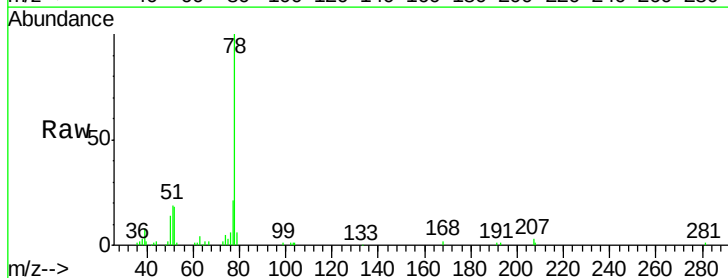
RT: 6.12 min Scan# 825

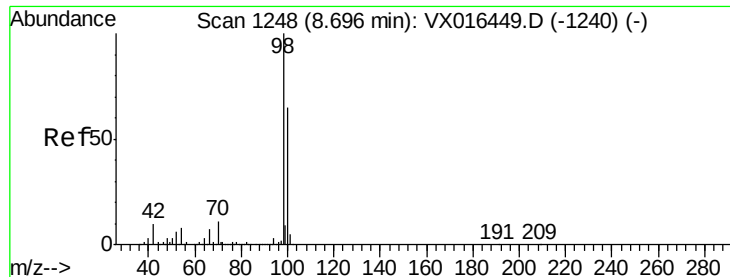
Delta R.T. 0.01 min

Lab File: VX016481.D

Acq: 28 May 2020 13:38

Tgt Ion:	78	Resp:	40282
Ion Ratio	Lower	Upper	
78	100		
77	21.2	18.9	28.3





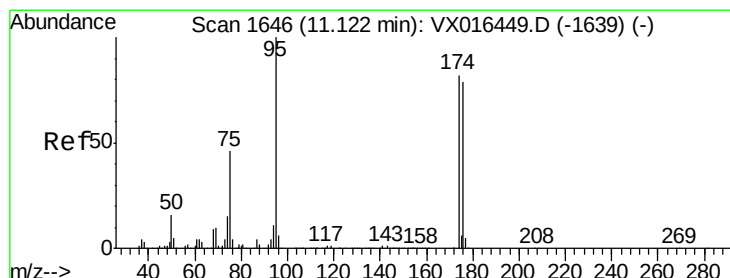
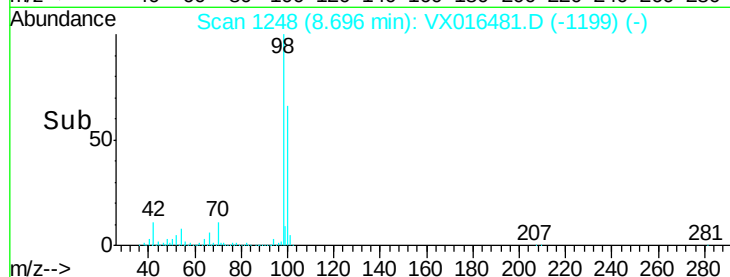
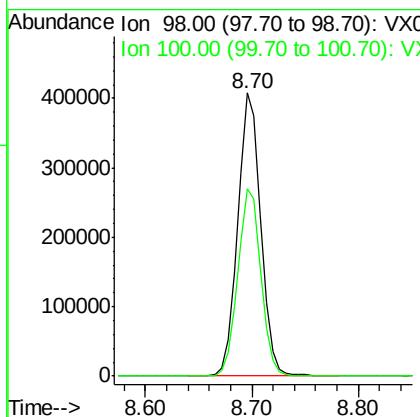
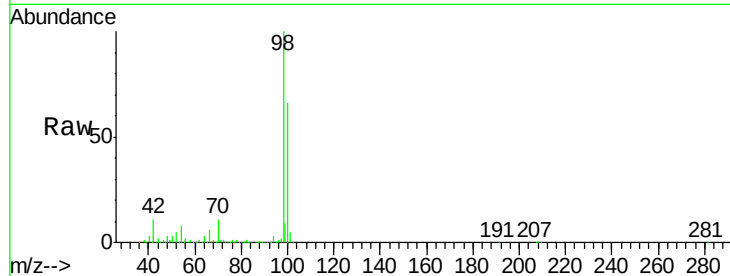
#50
Toluene-d8
Concen: 51.469 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016481.D
Acq: 28 May 2020 13:38

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0558-200520DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		618643		
100	66.8	53.8	80.6		

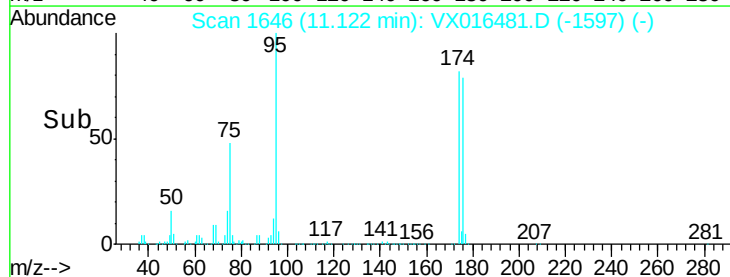
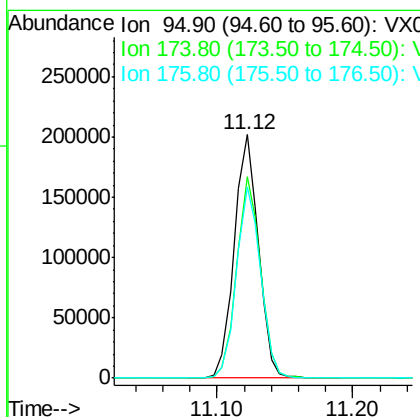
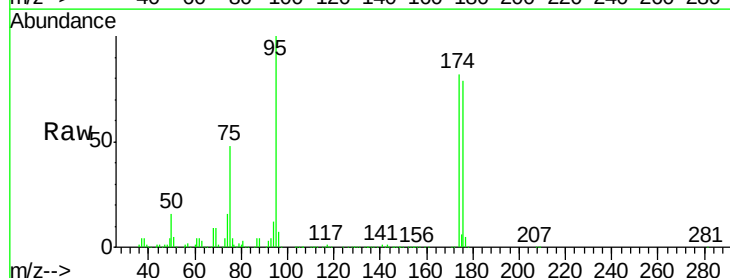
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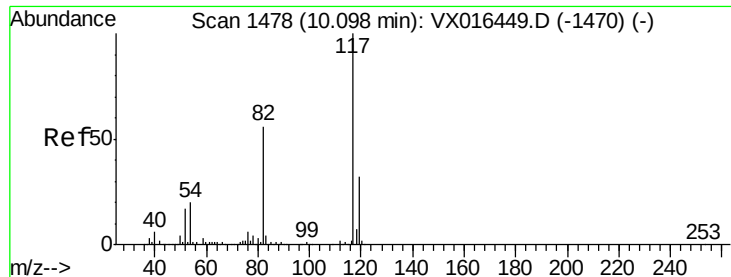
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#62
4-Bromofluorobenzene
Concen: 53.645 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016481.D
Acq: 28 May 2020 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		249148		
174	81.5	0.0	163.0		
176	78.7	0.0	156.8		





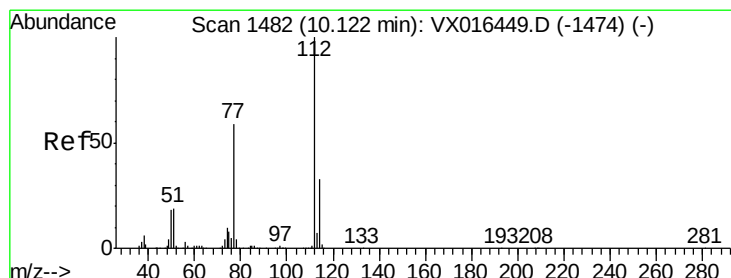
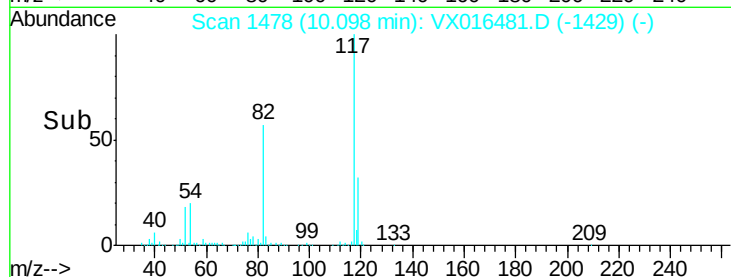
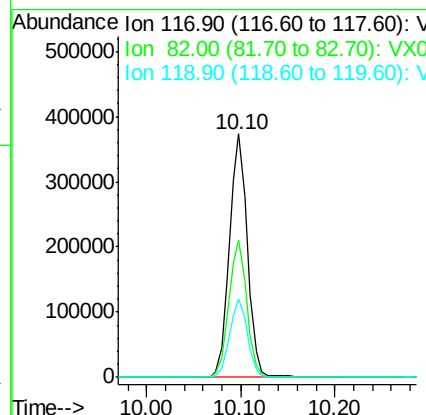
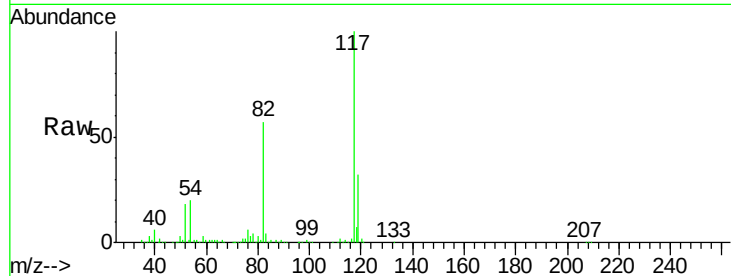
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016481.D
Acq: 28 May 2020 13:38

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0558-200520DL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	493305		
82	56.6	45.0	67.6	
119	32.4	25.8	38.8	

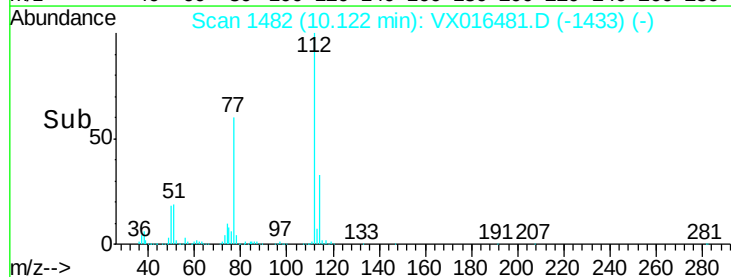
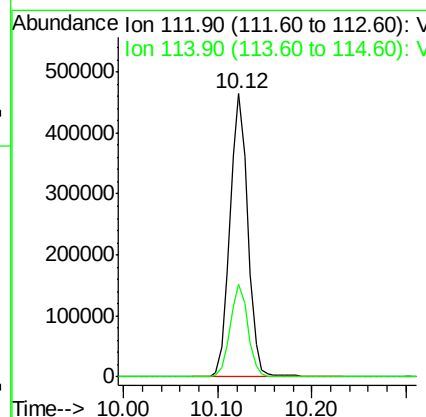
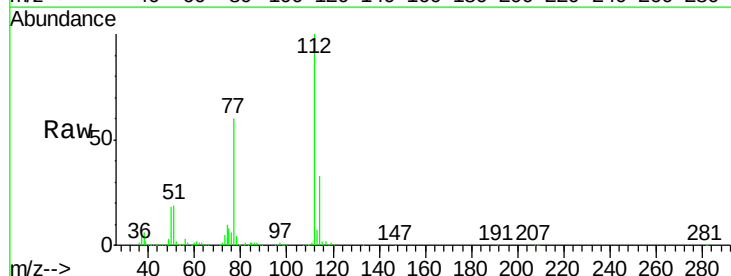
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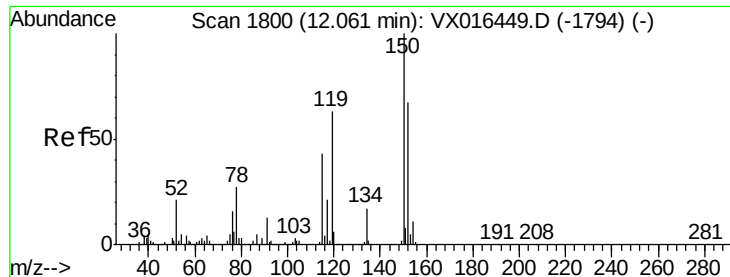
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#65
Chlorobenzene
Concen: 60.704 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016481.D
Acq: 28 May 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	610508		
114	32.5	26.0	39.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016481.D

Acq: 28 May 2020 13:38

Instrument :

MSVOA_X

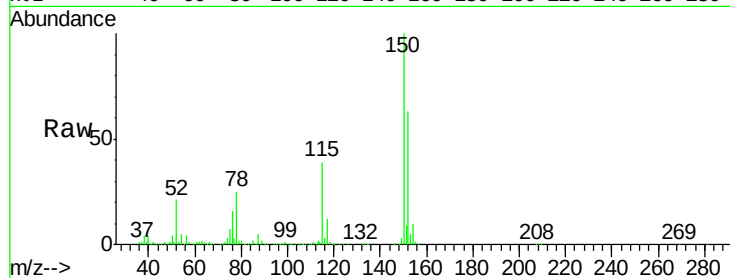
ClientSampleId :

Z2-DUP-0558-200520DL

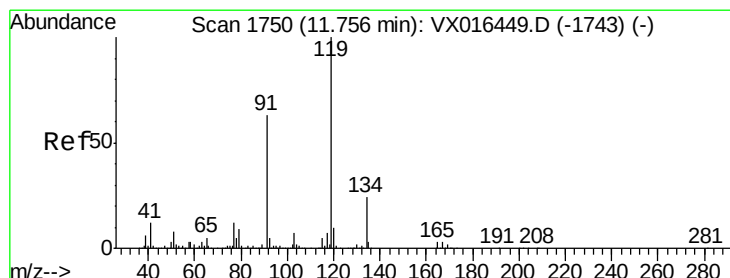
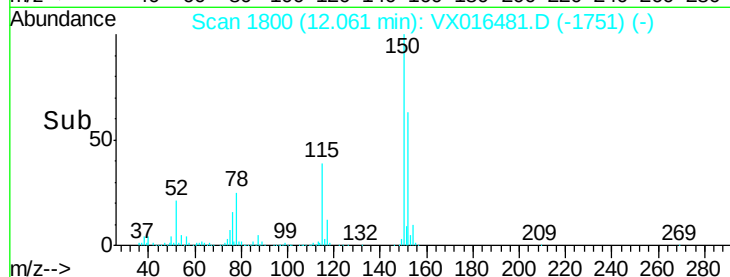
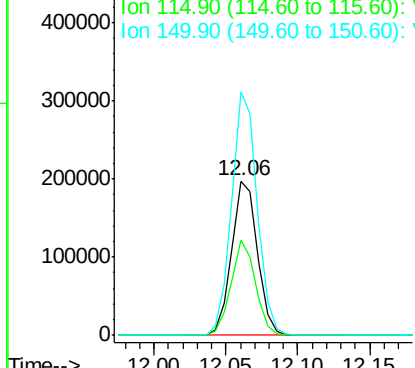
Tot Ion:	152	Resp:	248930
Ion Ratio	Lower	Upper	
152	100		
115	58.4	39.9	119.6
150	156.5	0.0	341.0

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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: 0.671 ug/l

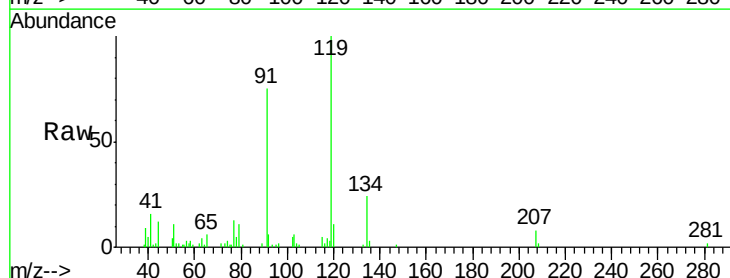
RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

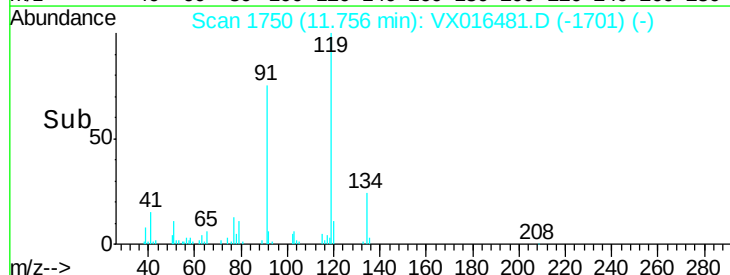
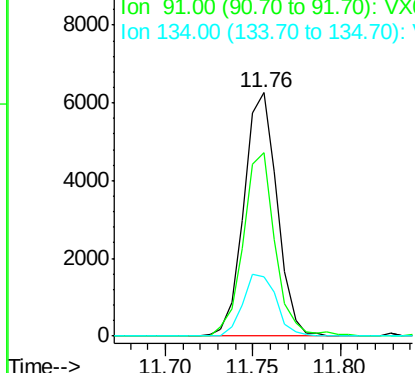
Lab File: VX016481.D

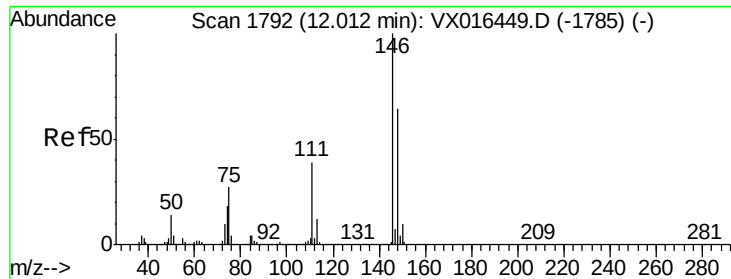
Acq: 28 May 2020 13:38

Tgt Ion:	119	Resp:	8261
Ion Ratio	Lower	Upper	
119	100		
91	72.5	31.3	93.8
134	25.7	12.0	36.0



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V





#87

1,3-Dichlorobenzene

Concen: 0.627 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016481.D

Acq: 28 May 2020 13:38

Instrument :

MSVOA_X

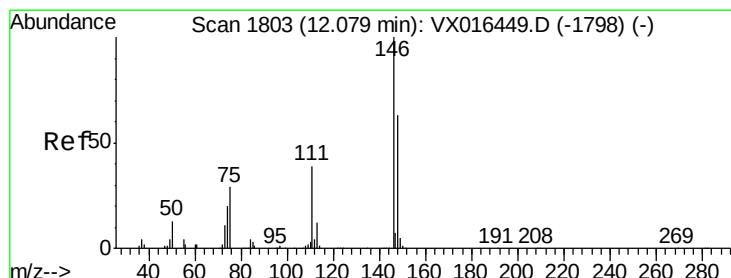
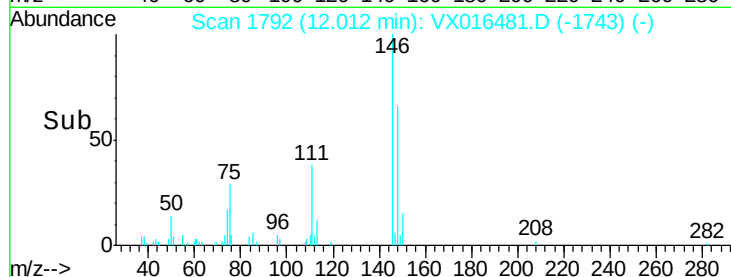
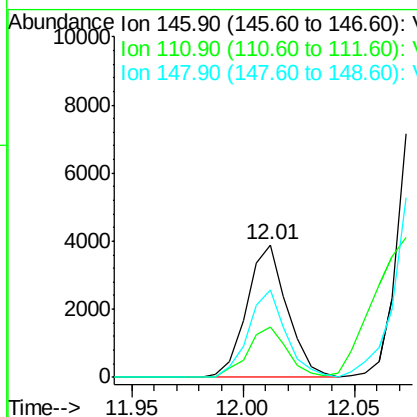
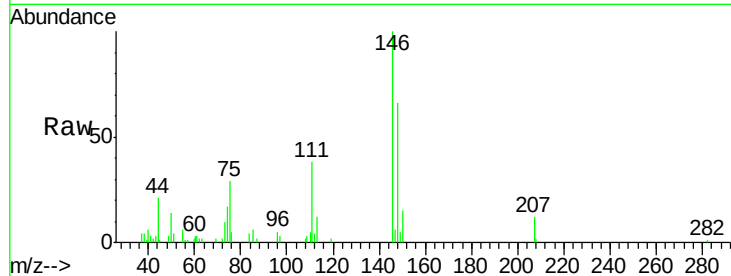
ClientSampleId :

Z2-DUP-0558-200520DL

Tot Ion:	146	Resp:	4915
Ion Ratio	Lower	Upper	
146	100		
111	37.6	20.0	60.0
148	61.0	31.9	95.5

Manual Integrations
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5/29/2020 10:57:49 AM



#88

1,4-Dichlorobenzene

Concen: 1.978 ug/l m

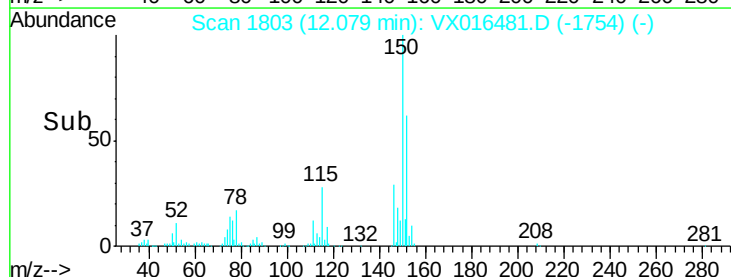
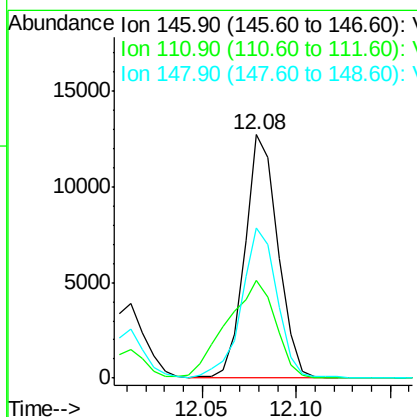
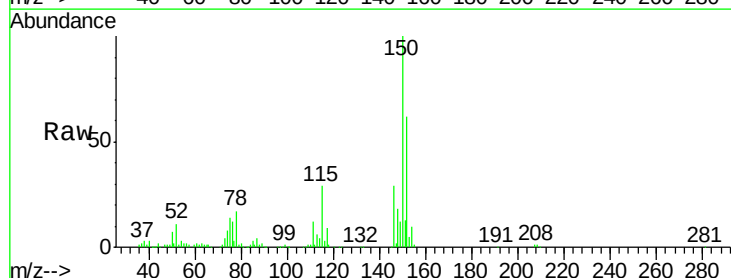
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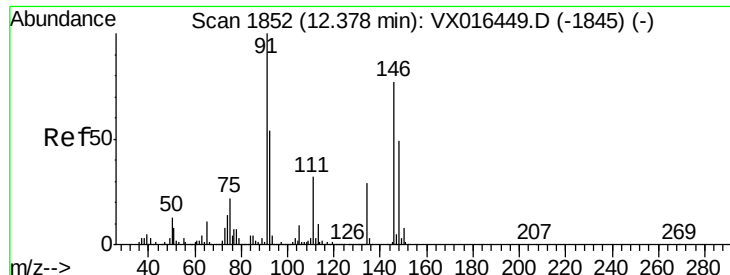
Delta R.T. -0.00 min

Lab File: VX016481.D

Acq: 28 May 2020 13:38

Tgt Ion:	146	Resp:	15856
Ion Ratio	Lower	Upper	
146	100		
111	11.7	19.4	58.2#
148	18.9	31.4	94.3#





#91
 1,2-Dichlorobenzene
 Concen: 3.395 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016481.D
 Acq: 28 May 2020 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-DUP-0558-200520DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.4	64.3
148	62.8	31.9	95.7

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:49 AM

