

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016329.D
 Acq On : 19 May 2020 13:11
 Operator : JC/SP
 Sample : L2672-11DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW345-200514DL

Manual Integrations
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 5/21/2020 1:11:59 PM

Quant Time: May 20 06:56:23 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	247372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	413984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	400288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	145852	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	5.47	113	118994	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
50) Toluene-d8	8.70	98	509084	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.12	95	202606	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	788405	243.019	ug/l	99
11) Tert butyl alcohol	3.01	59	1784	2.167	ug/l	96
12) 1,1-Dichloroethene	2.36	96	3107	1.208	ug/l	90
21) trans-1,2-Dichloroethene	3.15	96	1792	0.625	ug/l	82
24) 1,1-Dichloroethane	3.68	63	5308	1.067	ug/l #	93
27) cis-1,2-Dichloroethene	4.57	96	218250	69.667	ug/l	86
40) Benzene	6.12	78	14503	1.216	ug/l	99
44) Trichloroethene	7.19	130	72235	17.053	ug/l	99
52) Toluene	8.77	92	8967	1.207	ug/l	96
65) Chlorobenzene	10.12	112	179403	21.404	ug/l	98
67) Ethyl Benzene	10.23	91	7478	0.500	ug/l	93
68) m/p-Xylenes	10.35	106	1510	0.269	ug/l	94
69) o-Xylene	10.68	106	3541	0.657	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	4791	0.373	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	5178	0.399	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	4327	0.614	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	14143m	1.978	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	44045	6.493	ug/l	99

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

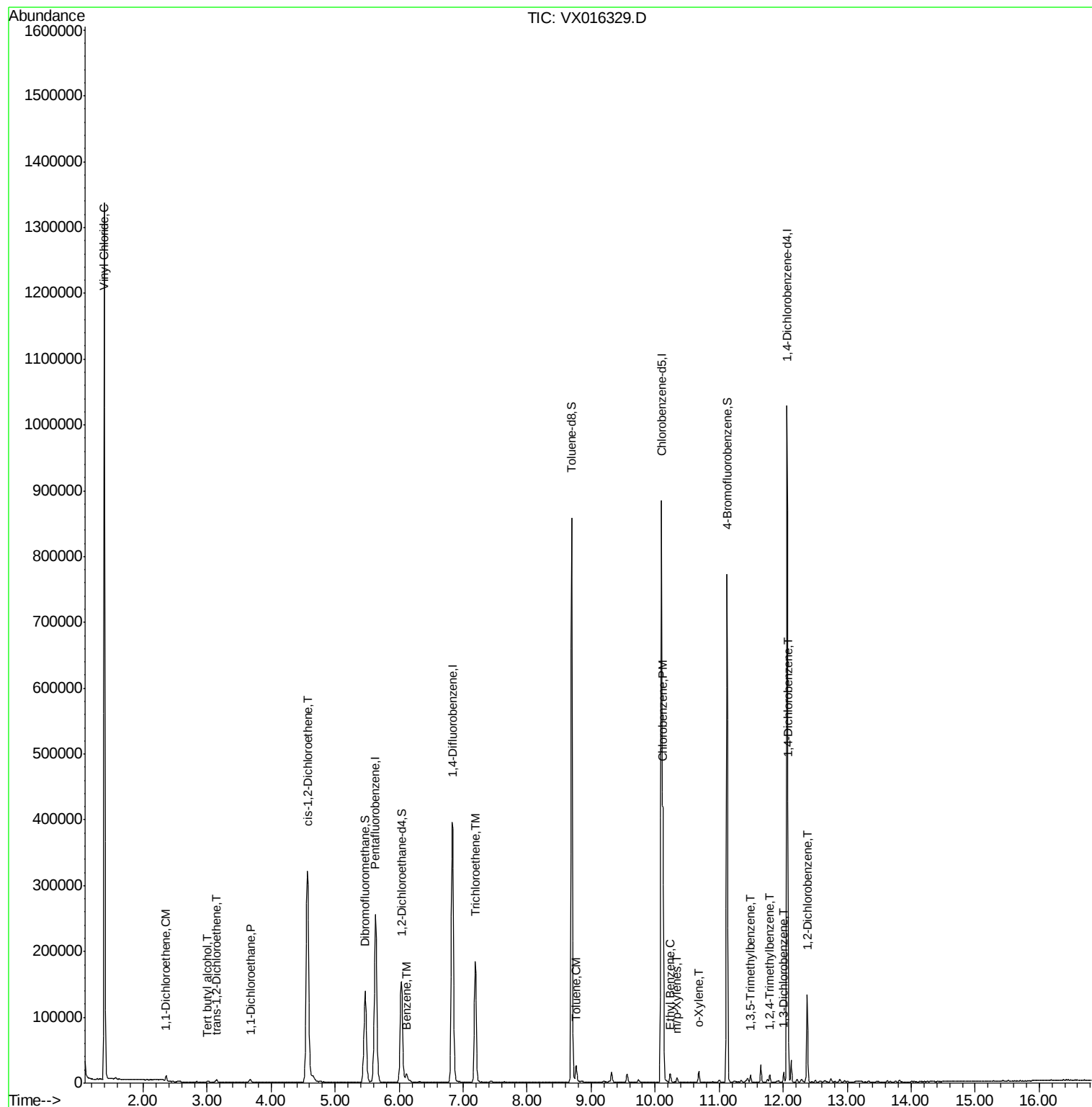
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051920\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

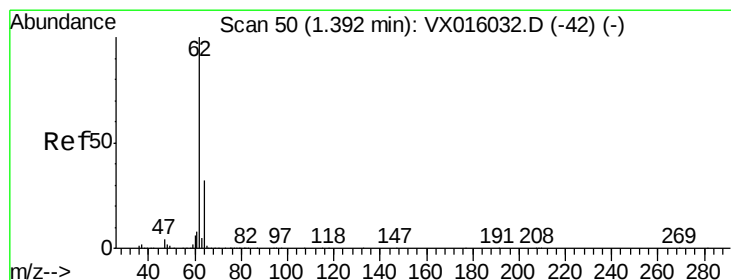
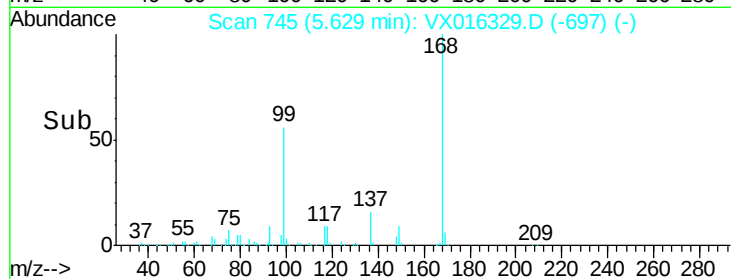
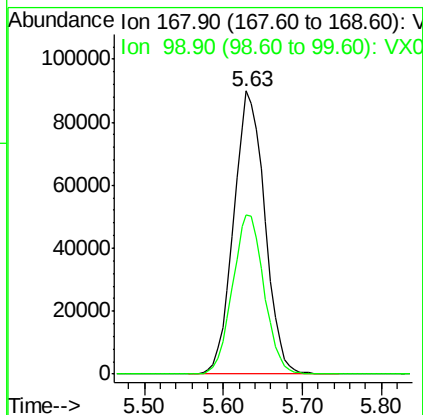
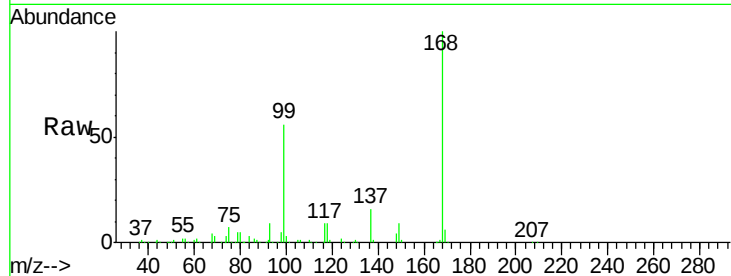
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016329.D
 Acq: 19 May 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW345-200514DL

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.3	45.0	67.4

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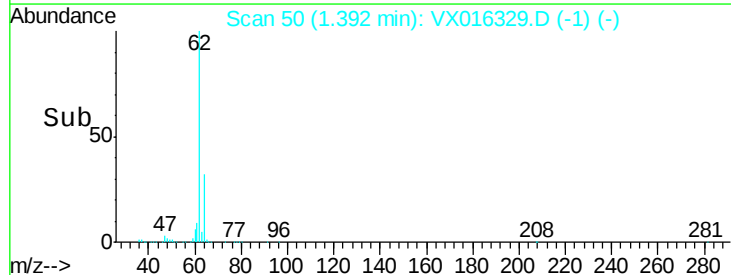
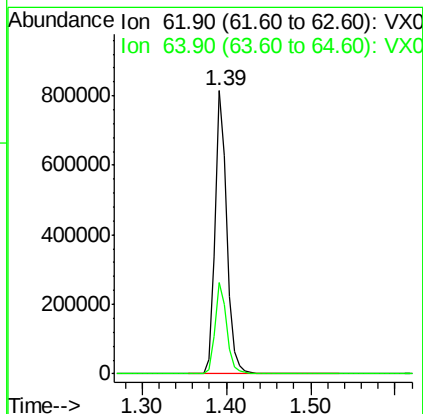
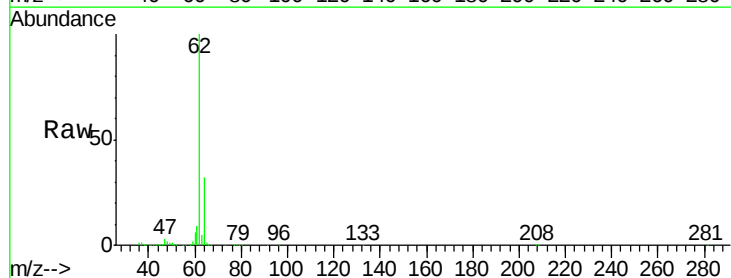
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#4

Vinyl Chloride
 Concen: 243.019 ug/l
 RT: 1.39 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX016329.D
 Acq: 19 May 2020 13:11

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.7	38.5





#11

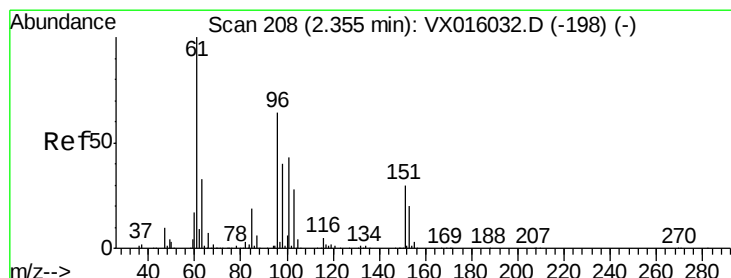
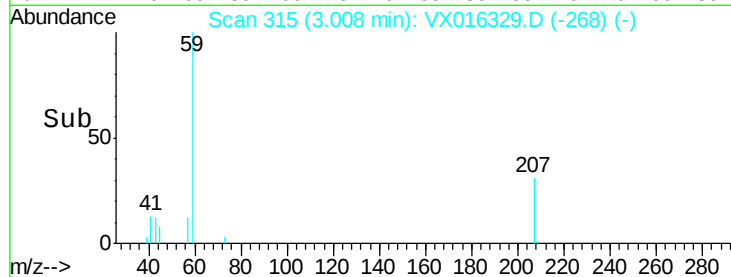
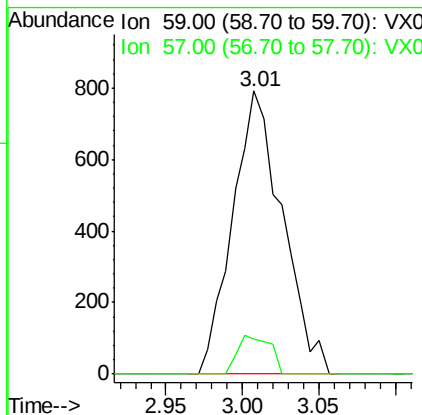
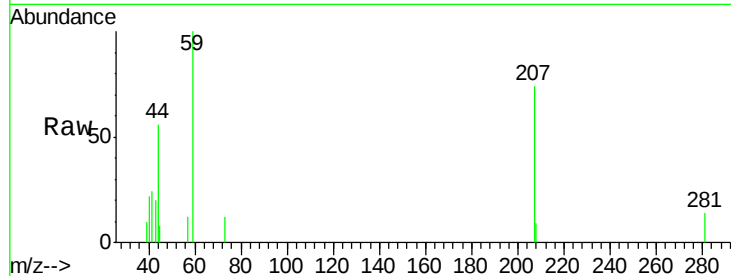
Tert butyl alcohol
Concen: 2.167 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016329.D
Acq: 19 May 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
WP021MW345-200514DL

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.2	12.4

Manual Integrations
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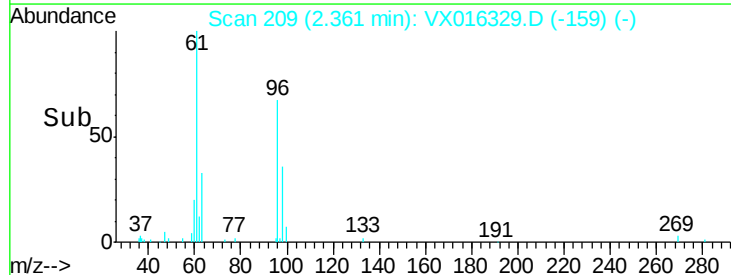
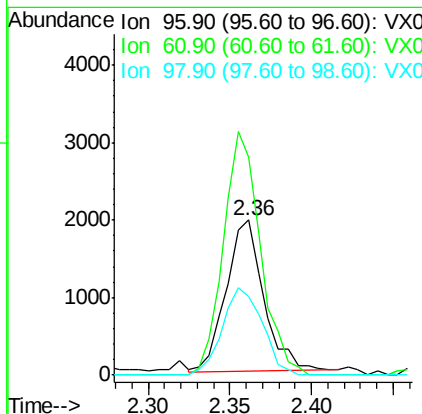
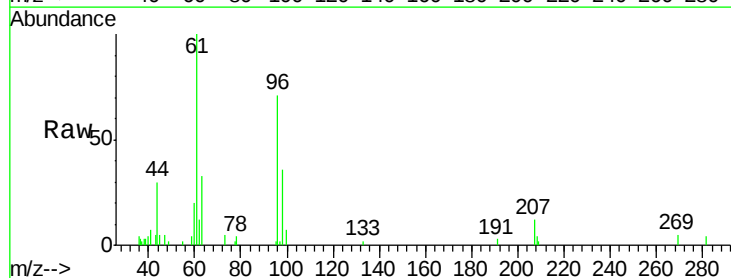
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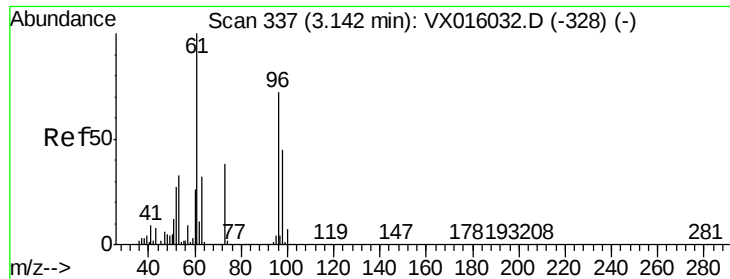


#12

1,1-Dichloroethene
Concen: 1.208 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX016329.D
Acq: 19 May 2020 13:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.8	124.8	187.2
98	52.1	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 0.625 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016329.D

Acq: 19 May 2020 13:11

Instrument :

MSVOA_X

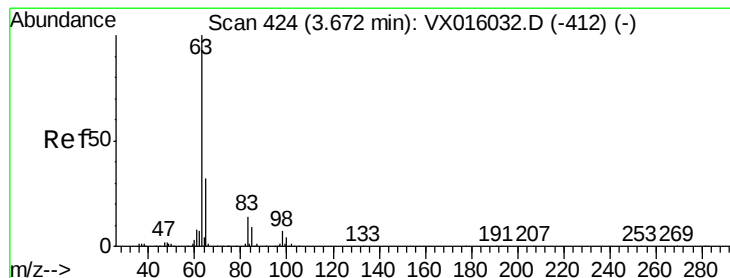
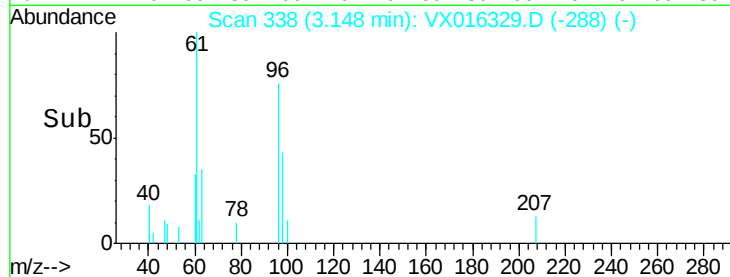
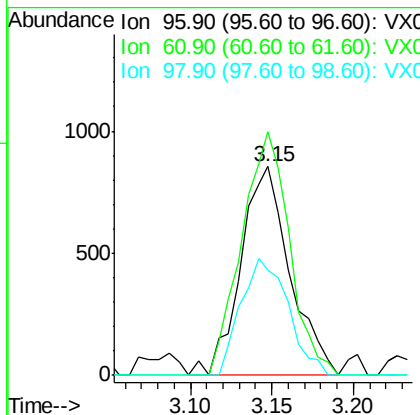
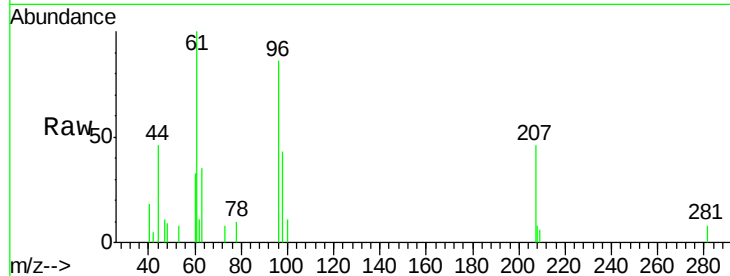
ClientSampleId :

WP021MW345-200514DL

Tot Ion:	96	Resp:	1792
Ion	Ratio	Lower	Upper
96	100		
61	116.7	111.2	166.8
98	50.7	50.2	75.4

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#24

1,1-Dichloroethane

Concen: 1.067 ug/l

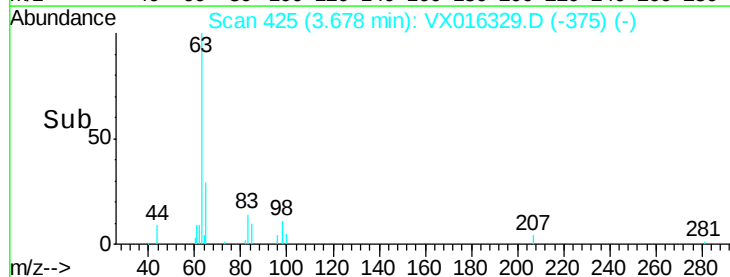
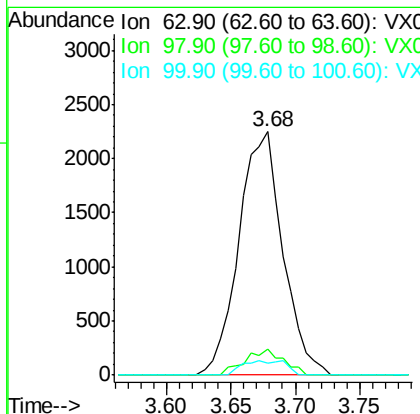
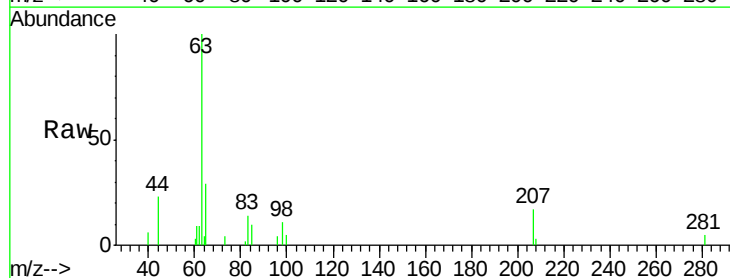
RT: 3.68 min Scan# 425

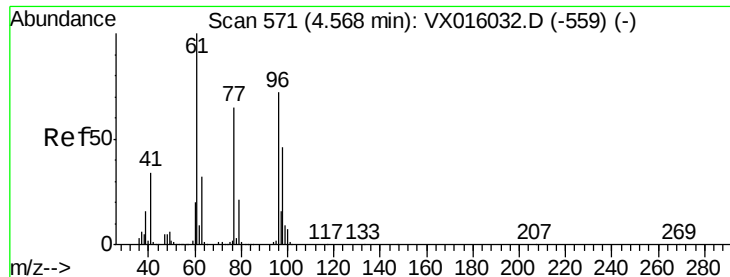
Delta R.T. 0.01 min

Lab File: VX016329.D

Acq: 19 May 2020 13:11

Tgt Ion:	63	Resp:	5308
Ion	Ratio	Lower	Upper
63	100		
98	10.6	3.5	10.5#
100	4.9	2.1	6.5





#27

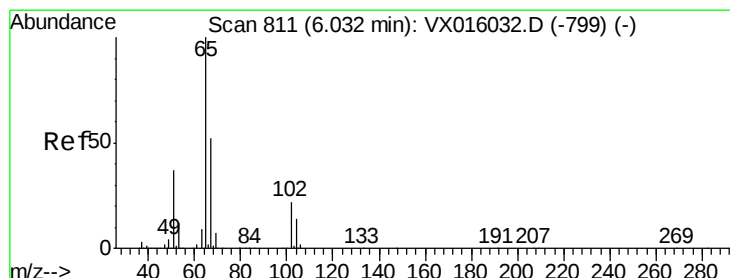
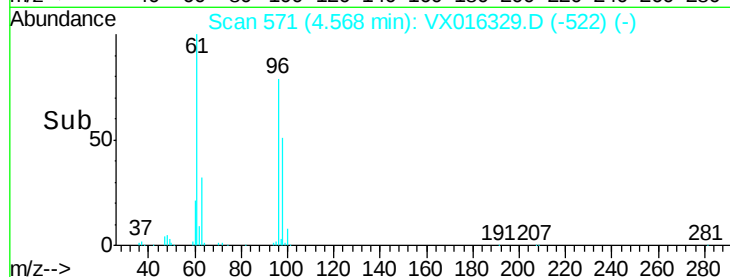
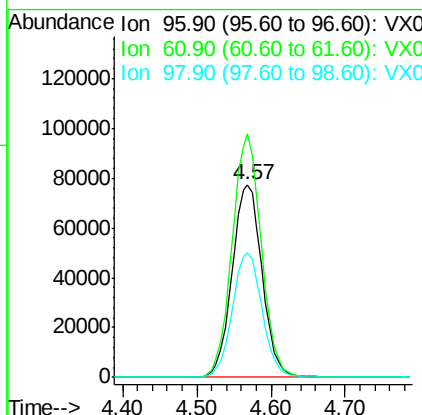
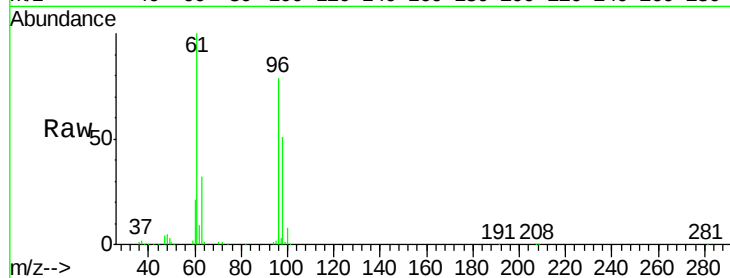
cis-1,2-Dichloroethene
Concen: 69.667 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016329.D
Acq: 19 May 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
WP021MW345-200514DL

Tot Ion	Ratio	Resp	Lower	Upper
96	100	218250		
61	123.4	0.0	296.2	
98	64.4	0.0	129.4	

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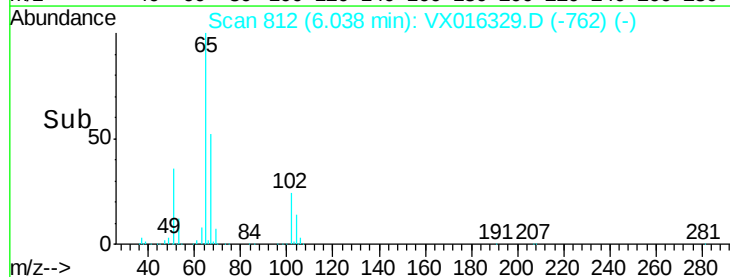
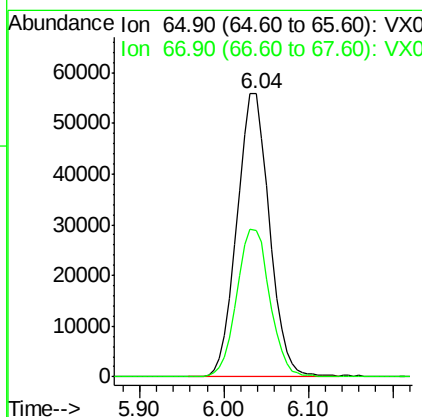
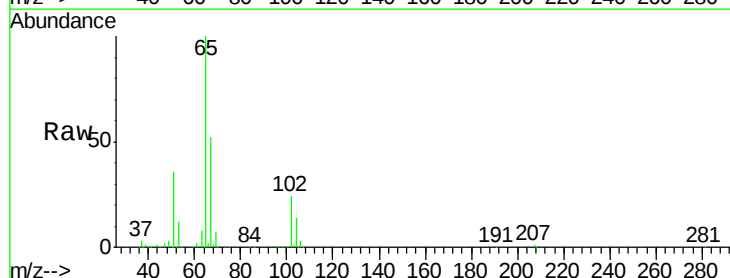
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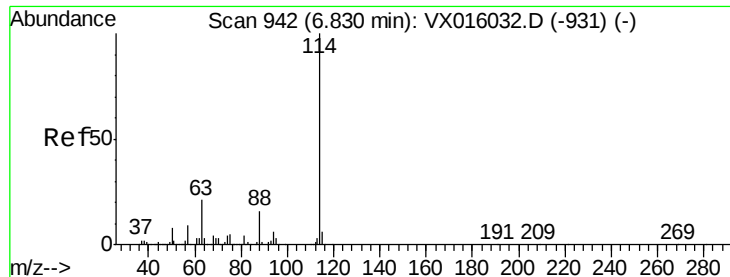


#33

1,2-Dichloroethane-d4
Concen: 44.806 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016329.D
Acq: 19 May 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	145852		
67	53.1	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: VX016329.D

Acq: 19 May 2020 13:11

Instrument :

MSVOA_X

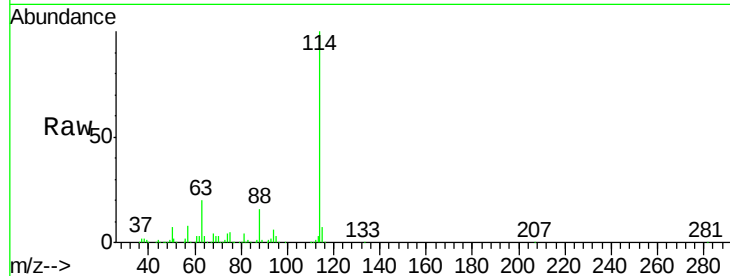
ClientSampleId :

WP021MW345-200514DL

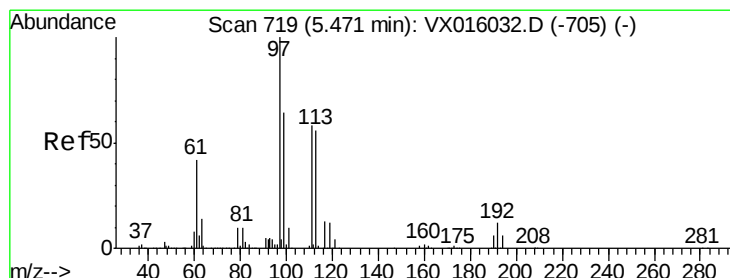
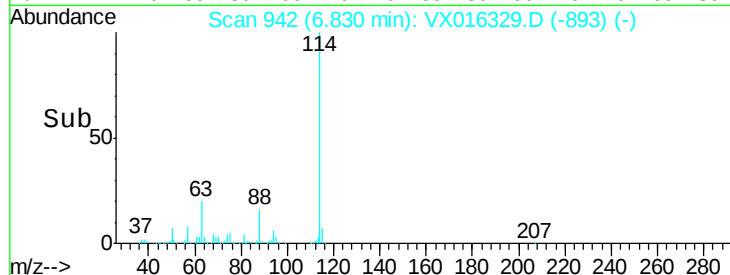
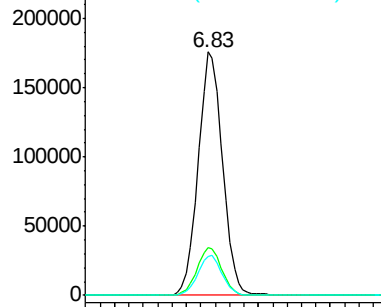
Tot Ion:	114	Resp:	413984
Ion Ratio		Lower	Upper
114	100		
63	19.9	0.0	42.8
88	16.2	0.0	31.4

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Abundance Ion 113.90 (113.60 to 114.60): V



#35

Dibromofluoromethane

Concen: 45.370 ug/l

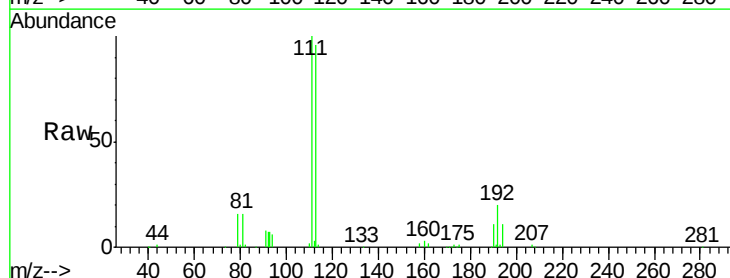
RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

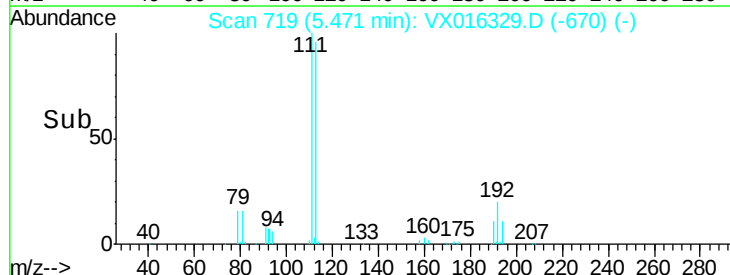
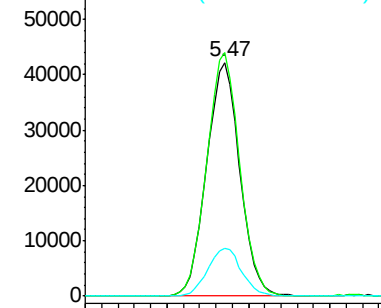
Lab File: VX016329.D

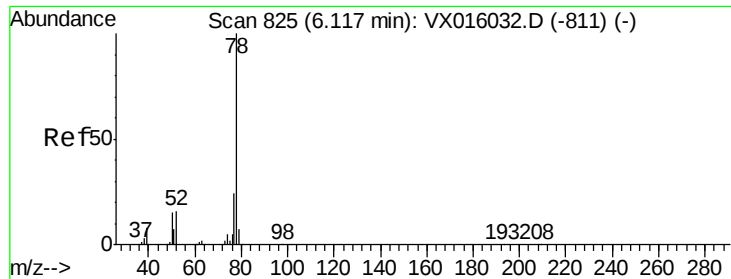
Acq: 19 May 2020 13:11

Tgt Ion:	113	Resp:	118994
Ion Ratio		Lower	Upper
113	100		
111	103.6	81.6	122.4
192	20.9	17.0	25.4



Abundance Ion 112.80 (112.50 to 113.50): V





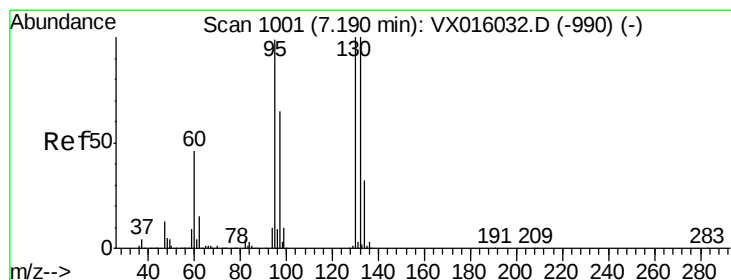
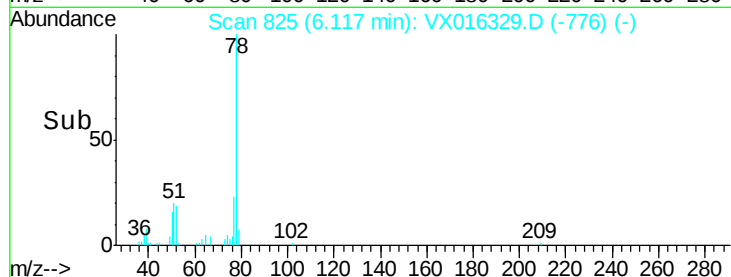
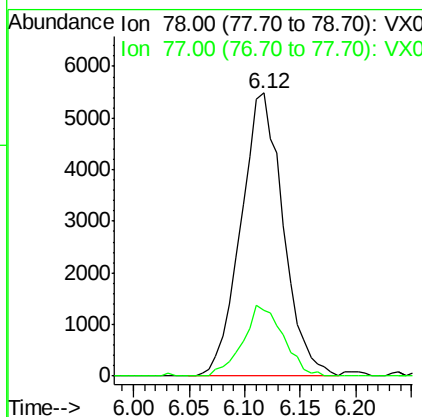
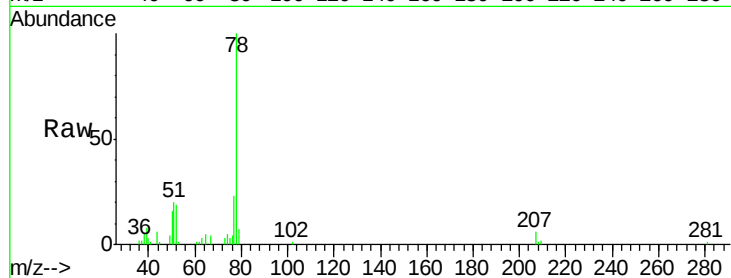
#40
Benzene
Concen: 1.216 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016329.D
Acq: 19 May 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion: 78 Resp: 14503
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

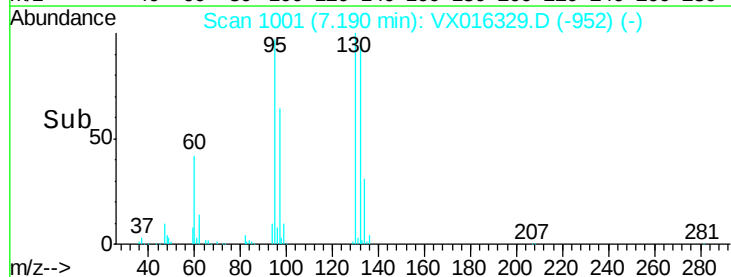
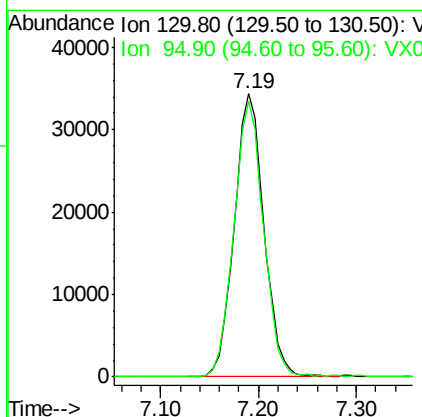
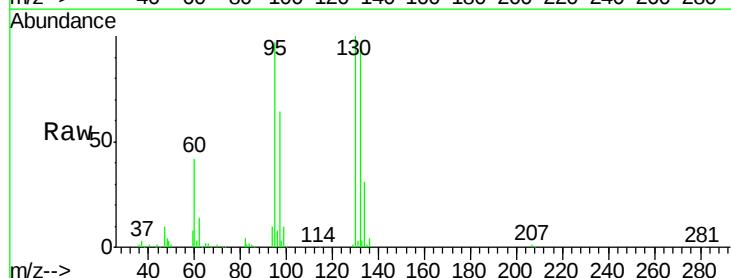
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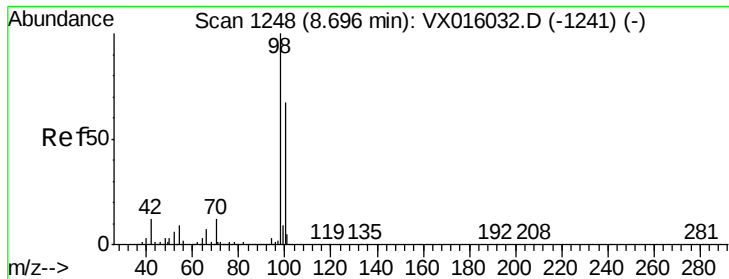
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#44
Trichloroethene
Concen: 17.053 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016329.D
Acq: 19 May 2020 13:11

Tgt Ion:130 Resp: 72235
Ion Ratio Lower Upper
130 100
95 97.4 0.0 197.4





#50

Toluene-d8

Concen: 50.376 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016329.D

Acq: 19 May 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

WP021MW345-200514DL

Tot Ion: 98 Resp: 509084

Ion Ratio Lower Upper

98 100

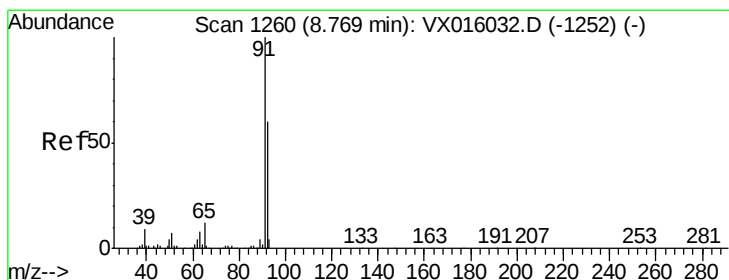
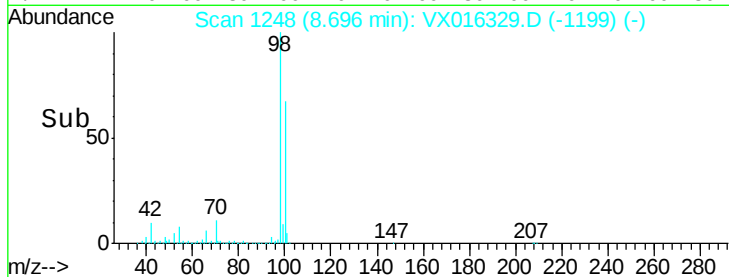
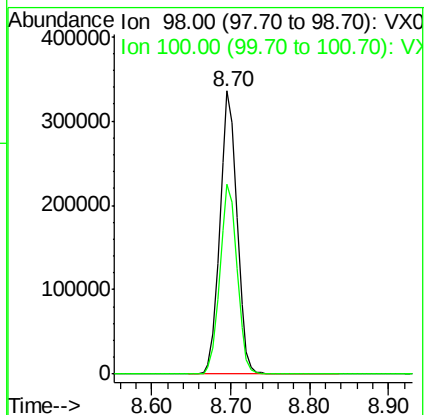
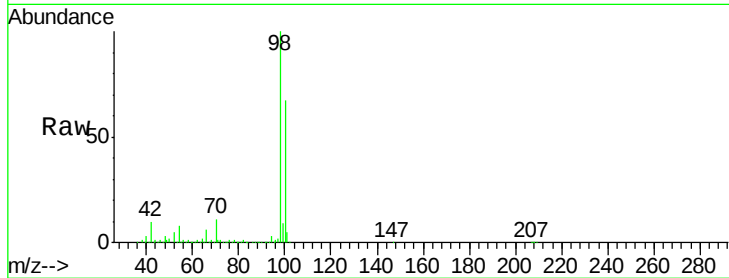
100 67.6 53.7 80.5

Manual Integrations

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#52

Toluene

Concen: 1.207 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016329.D

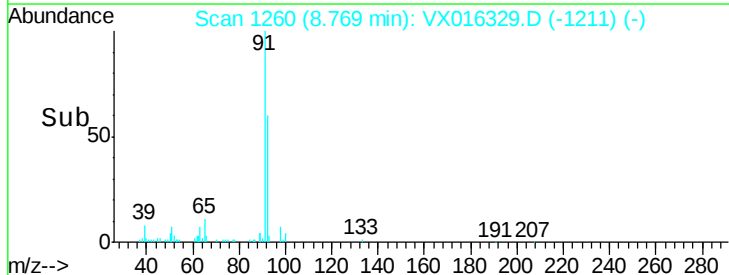
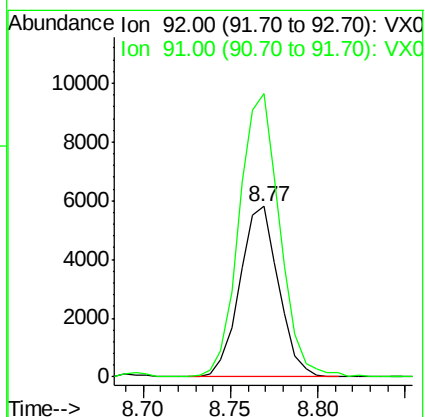
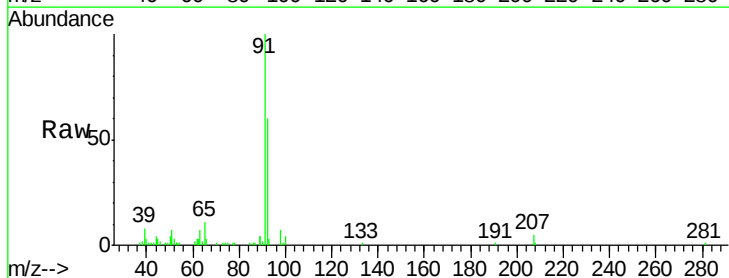
Acq: 19 May 2020 13:11

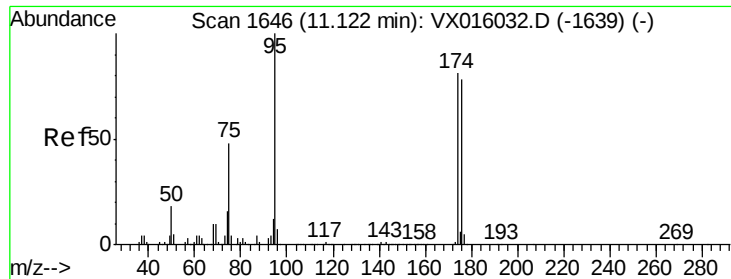
Tgt Ion: 92 Resp: 8967

Ion Ratio Lower Upper

92 100

91 174.0 134.5 201.7





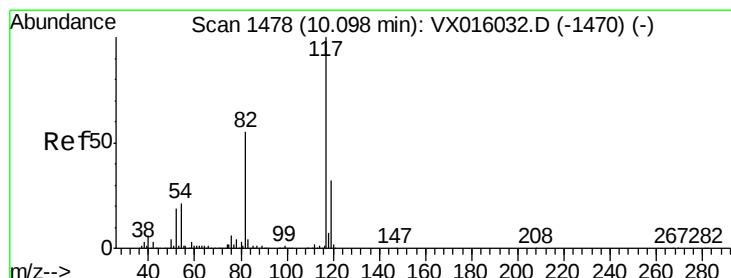
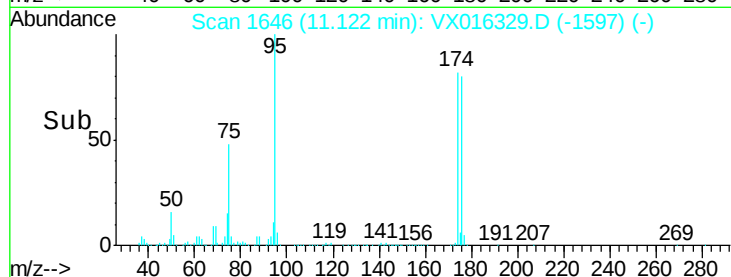
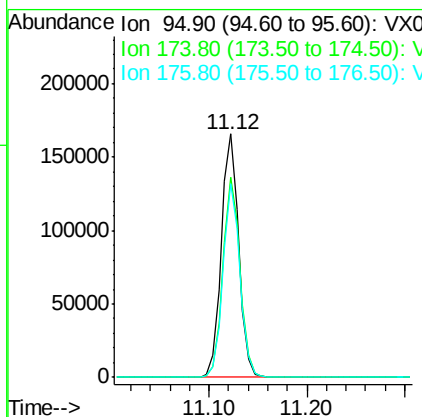
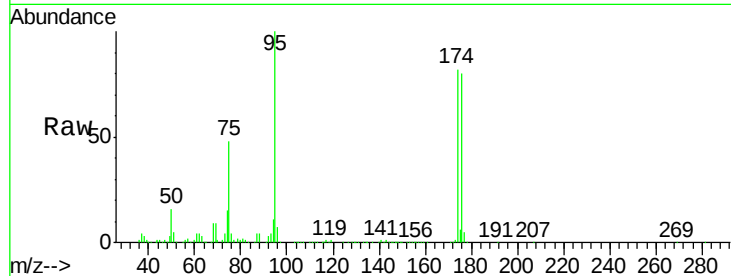
#62
4-Bromofluorobenzene
Concen: 52.711 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016329.D
Acq: 19 May 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
WP021MW345-200514DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	202606		
174	81.0	0.0	159.4	
176	77.5	0.0	157.6	

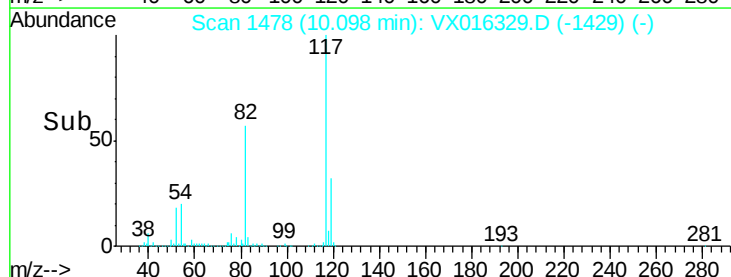
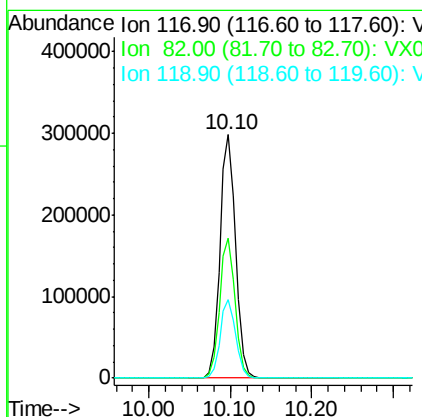
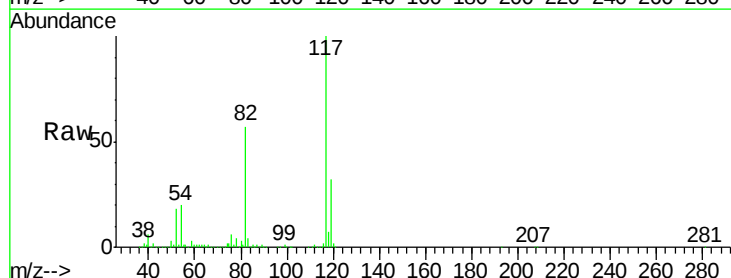
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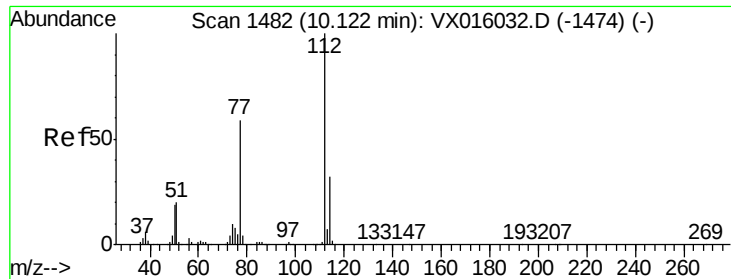
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016329.D
Acq: 19 May 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	400288		
82	57.4	44.4	66.6	
119	32.1	25.5	38.3	





#65

Chlorobenzene

Concen: 21.404 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016329.D

Acq: 19 May 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

WP021MW345-200514DL

Tot Ion:112 Resp: 179403

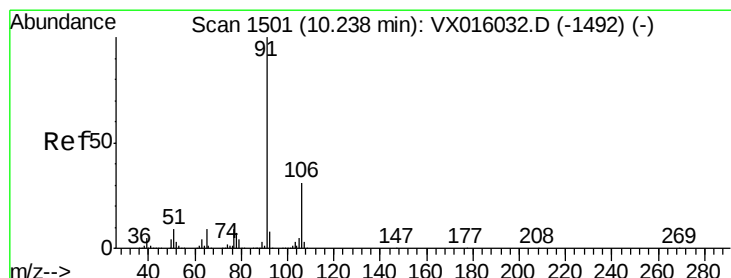
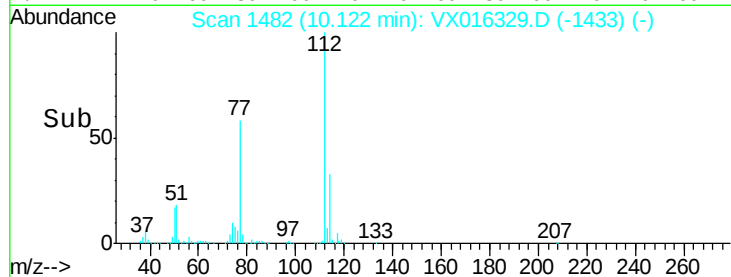
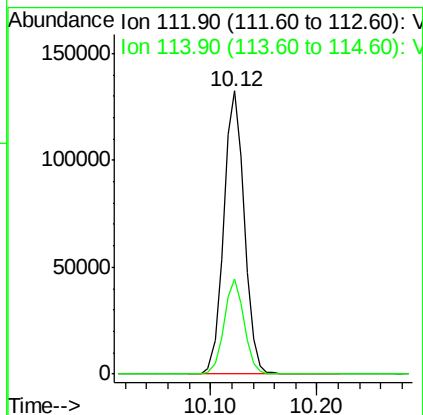
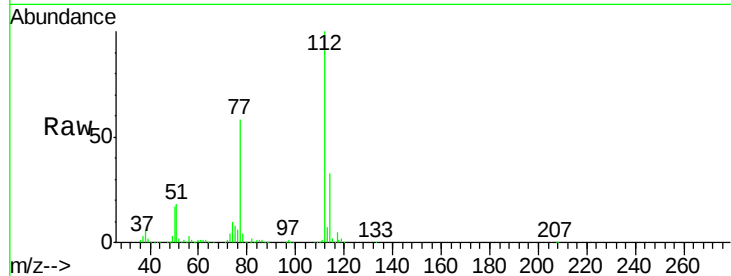
Ion Ratio Lower Upper

112 100

114 33.4 25.7 38.5

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#67

Ethyl Benzene

Concen: 0.500 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016329.D

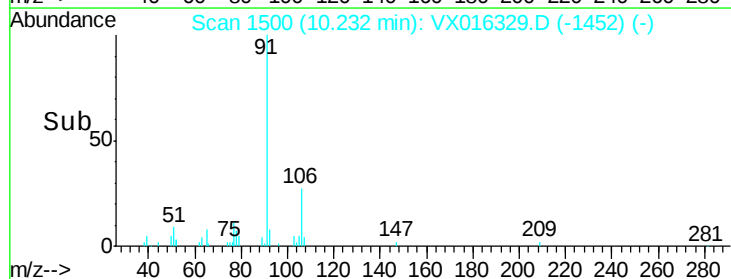
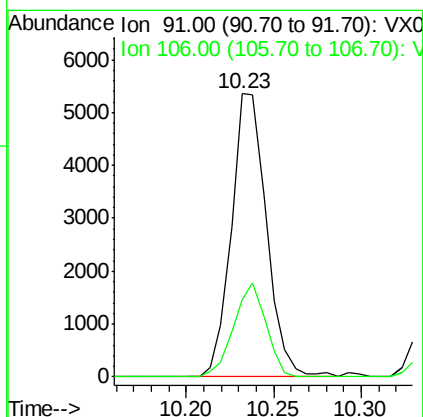
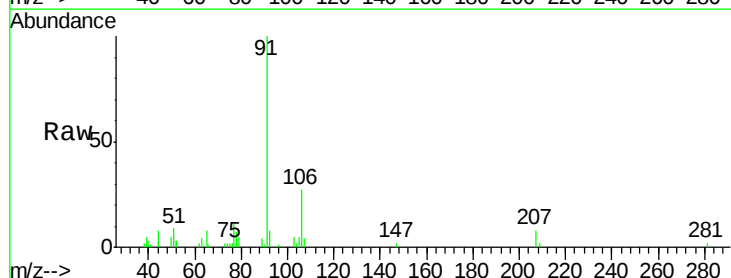
Acq: 19 May 2020 13:11

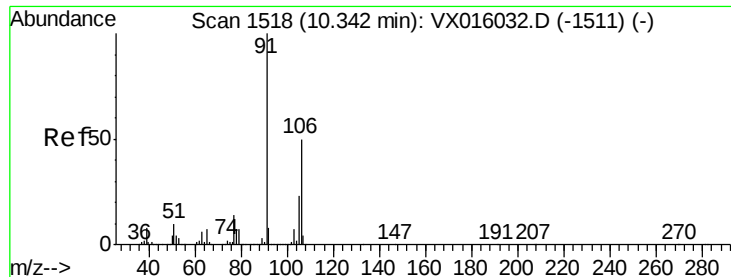
Tgt Ion: 91 Resp: 7478

Ion Ratio Lower Upper

91 100

106 27.4 25.1 37.7





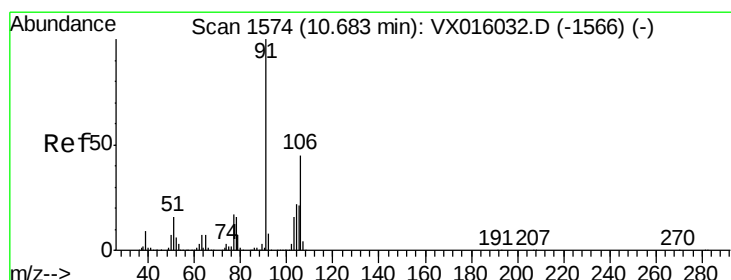
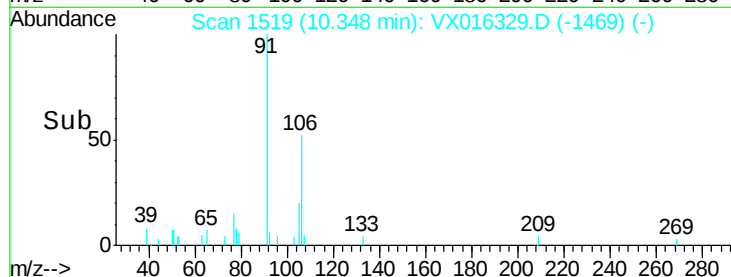
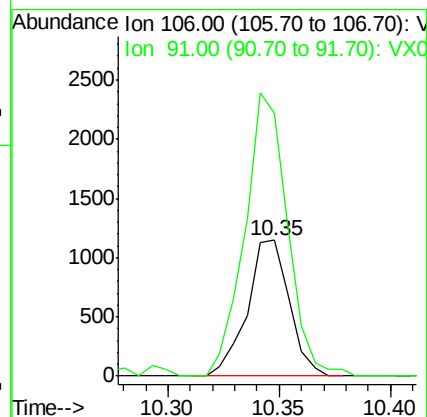
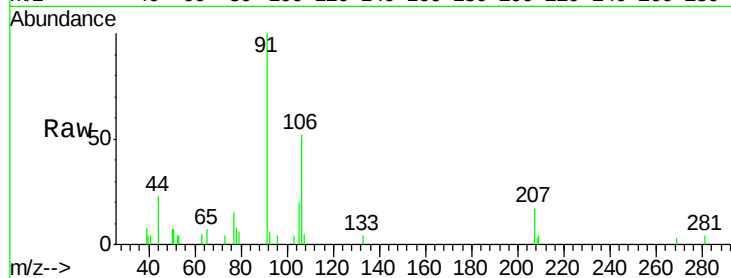
#68
m/p-Xvlenes
Concen: 0.269 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016329.D
Acq: 19 May 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
WP021MW345-200514DL

Tot Ion:106 Resp: 1510
Ion Ratio Lower Upper
106 100
91 211.9 161.7 242.5

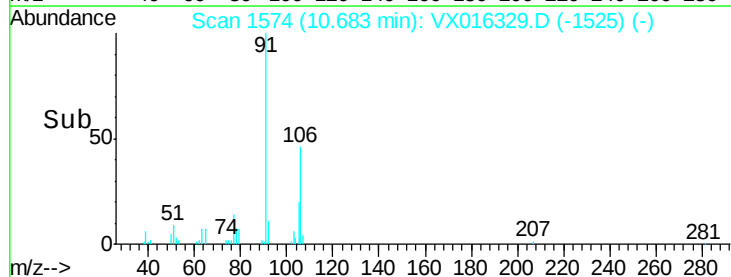
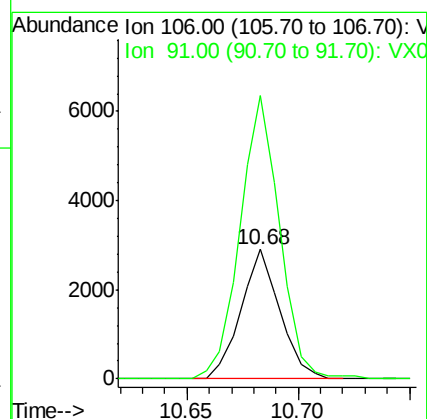
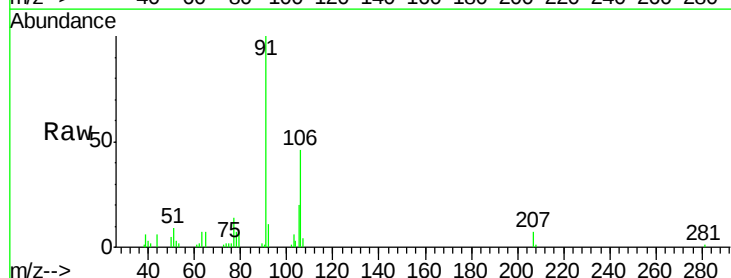
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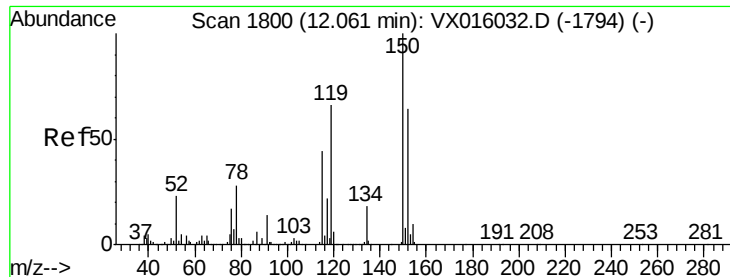
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#69
o-Xylene
Concen: 0.657 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016329.D
Acq: 19 May 2020 13:11

Tgt Ion:106 Resp: 3541
Ion Ratio Lower Upper
106 100
91 221.5 107.5 322.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016329.D

Acq: 19 May 2020 13:11

Instrument :

MSVOA_X

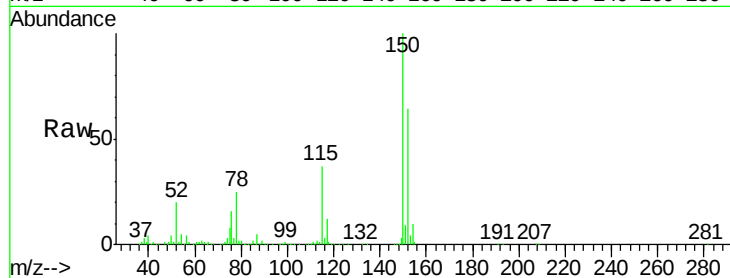
ClientSampleId :

WP021MW345-200514DL

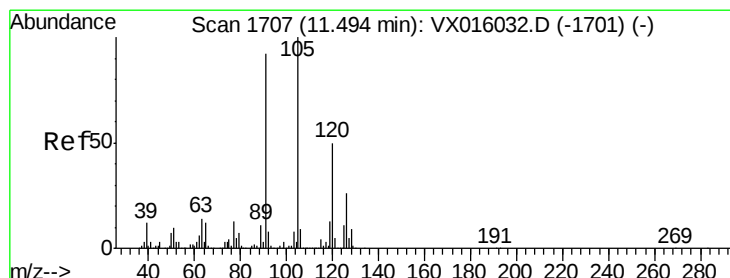
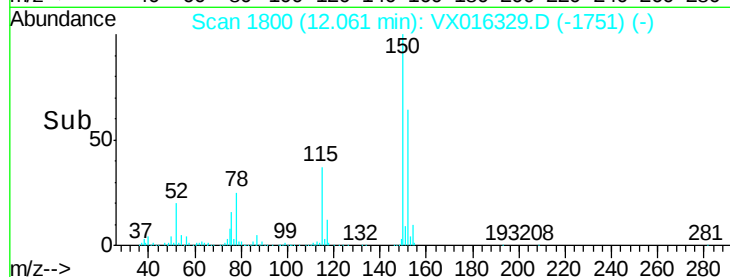
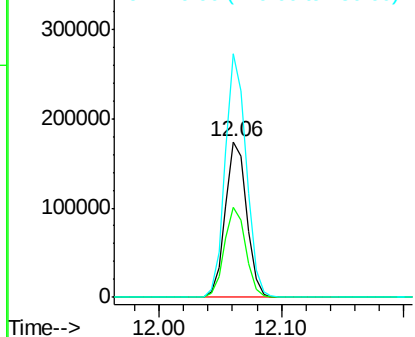
Tot Ion:	152	Resp:	209000
Ion Ratio	Lower	Upper	
152	100		
115	58.0	41.3	124.1
150	154.9	0.0	352.2

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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



#80

1,3,5-Trimethylbenzene

Concen: 0.373 ug/l

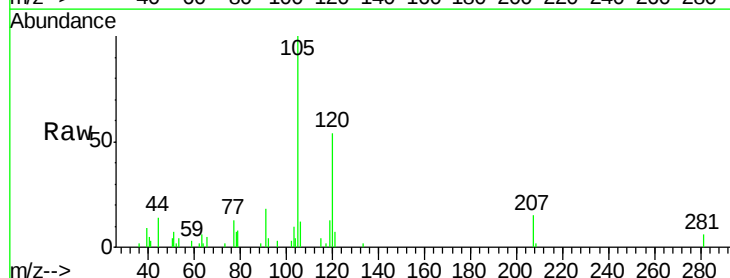
RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

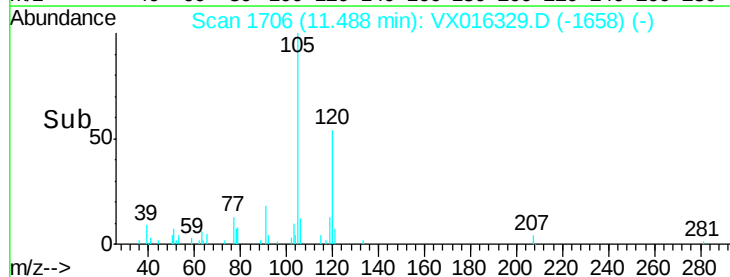
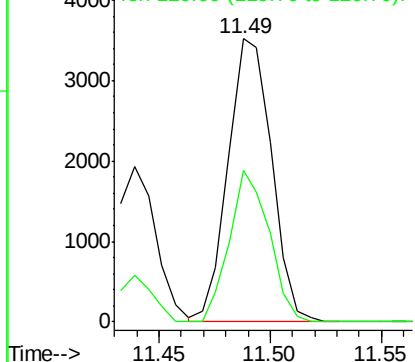
Lab File: VX016329.D

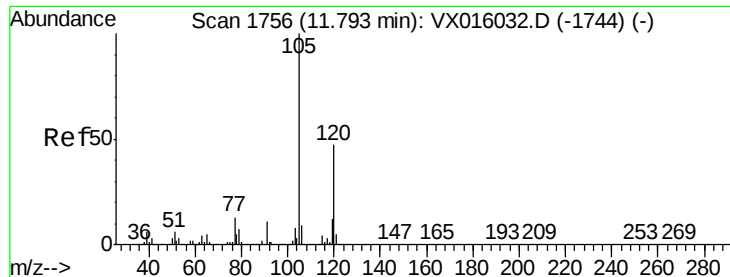
Acq: 19 May 2020 13:11

Tgt Ion:	105	Resp:	4791
Ion Ratio	Lower	Upper	
105	100		
120	49.0	24.6	74.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





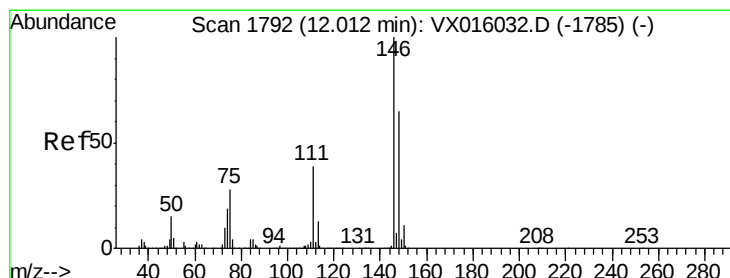
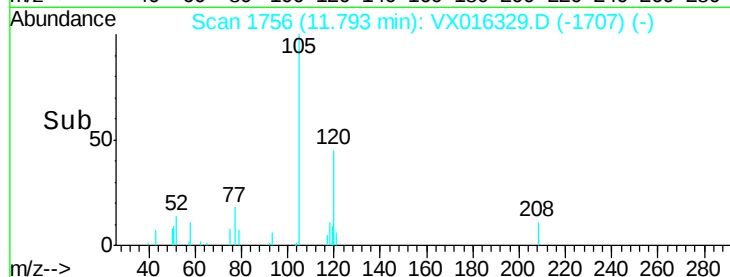
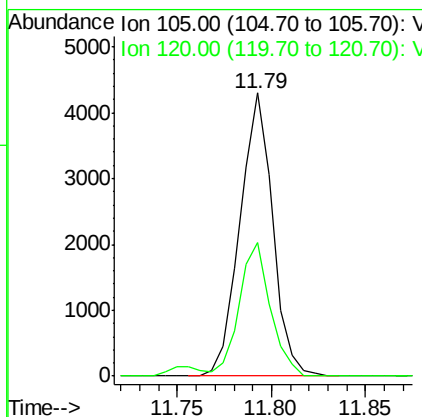
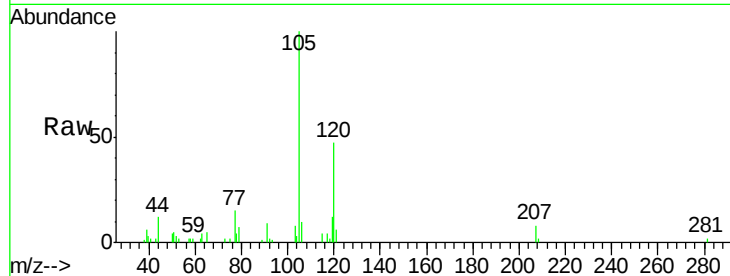
#84
 1,2,4-Trimethylbenzene
 Concen: 0.399 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016329.D
 Acq: 19 May 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW345-200514DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.0	69.0

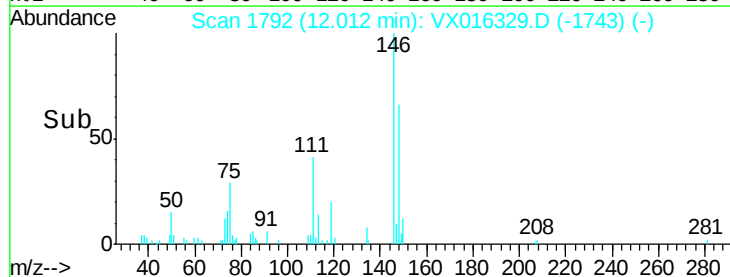
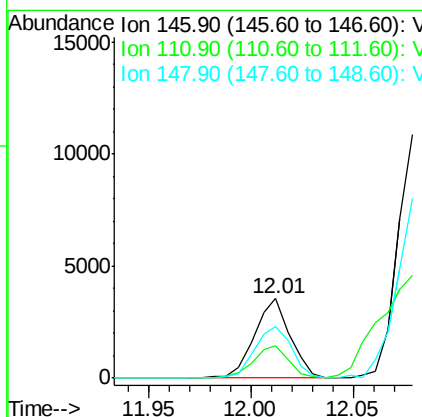
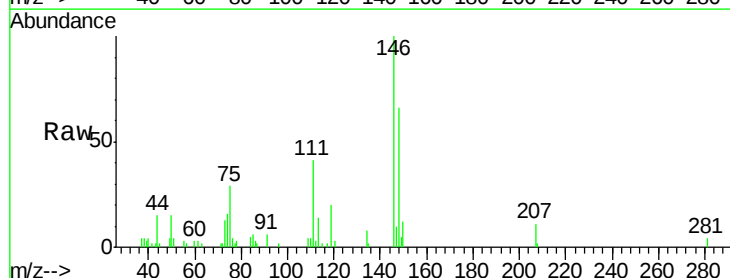
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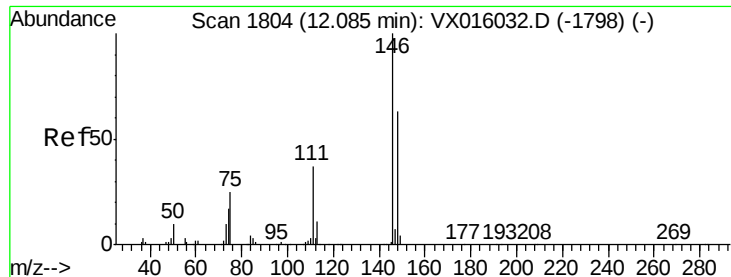
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#87
 1,3-Dichlorobenzene
 Concen: 0.614 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016329.D
 Acq: 19 May 2020 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	67.2	32.1	96.3





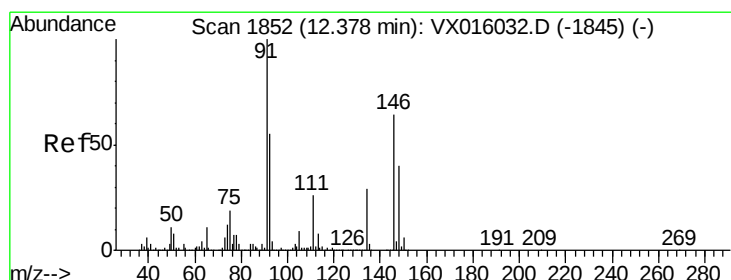
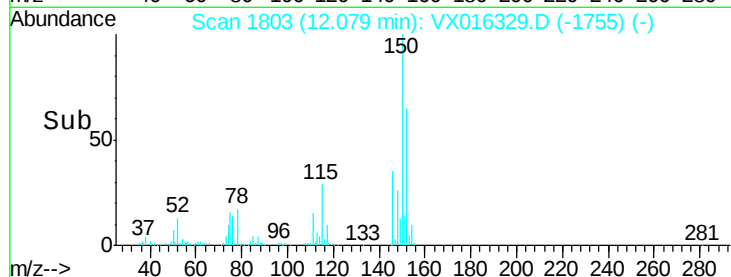
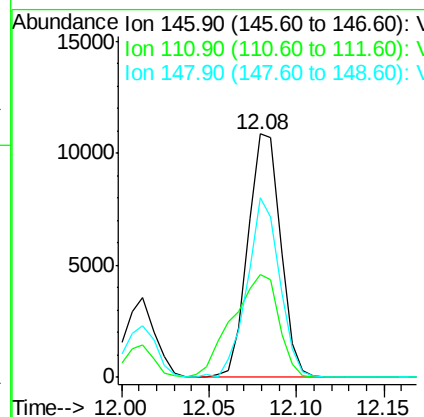
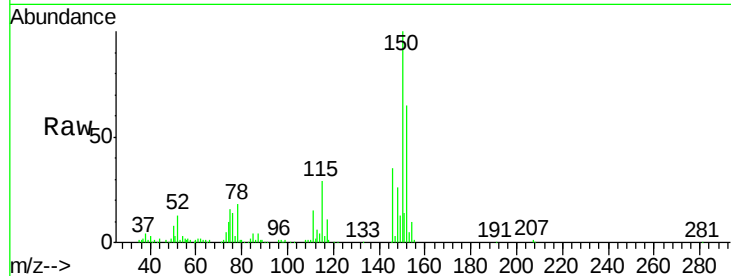
#88
 1,4-Dichlorobenzene
 Concen: 1.978 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016329.D
 Acq: 19 May 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW345-200514DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	12.3	19.6	58.7#
148	20.6	31.8	95.3#

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#91
 1,2-Dichlorobenzene
 Concen: 6.493 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016329.D
 Acq: 19 May 2020 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.1
148	63.8	32.4	97.0

