

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
 Data File : VX018273.D
 Acq On : 08 Sep 2020 14:26
 Operator : JC/SP
 Sample : L3902-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ171I-20200902

Manual Integrations
 APPROVED

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 9/9/2020 8:48:15 PM

Quant Time: Sep 09 07:11:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	458403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	726077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	685443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	318402	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
35) Dibromofluoromethane	5.47	113	251125	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	8.70	98	886000	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.12	95	334667	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
Target Compounds						
6) Chloroethane	1.72	64	45729	14.536	ug/l	97
12) 1,1-Dichloroethene	2.36	96	40953	9.142	ug/l	99
16) Acetone	2.42	43	5504	2.220	ug/l #	80
24) 1,1-Dichloroethane	3.67	63	1278125	141.346	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	91113	10.604	ug/l	100
85) sec-Butylbenzene	11.93	105	19177	0.922	ug/l	84
87) 1,3-Dichlorobenzene	12.01	146	3409	0.311	ug/l	94
88) 1,4-Dichlorobenzene	12.08	146	15512m	1.415	ug/l	
91) 1,2-Dichlorobenzene	12.37	146	7259	0.704	ug/l	97

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

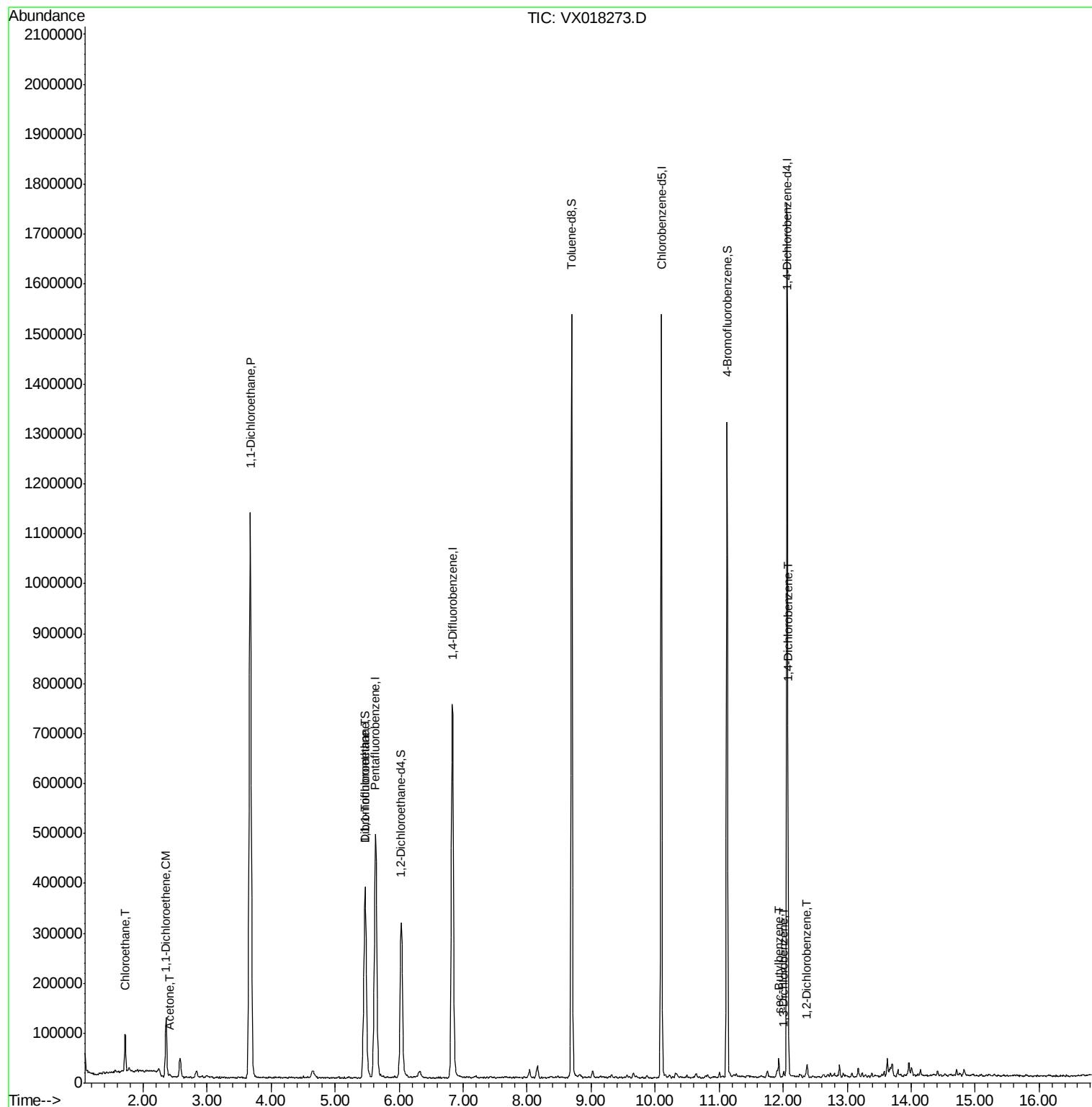
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
Data File : VX018273.D
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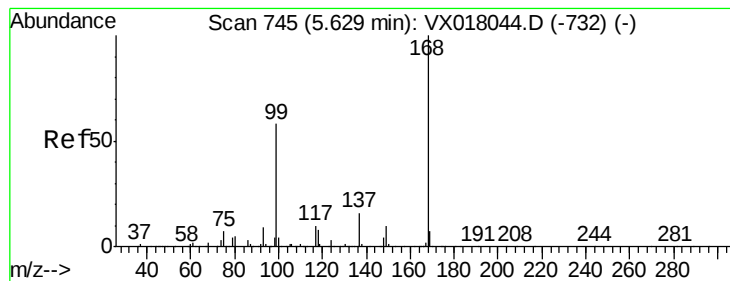
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ171I-20200902

Manual Integrations
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9/9/2020 8:48:15 PM

Quant Time: Sep 09 07:11:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018273.D

Acq: 08 Sep 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ171I-20200902

Tgt Ion: 168 Resp: 458403

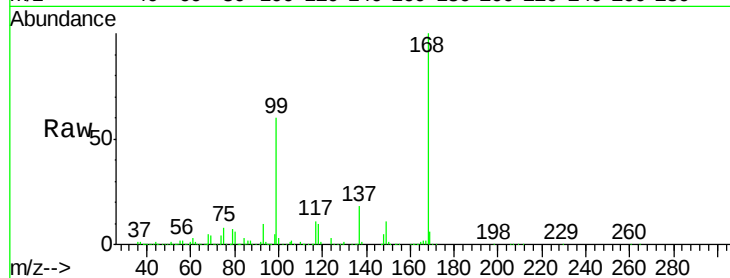
Ion Ratio Lower Upper

168 100

99 60.3 46.3 69.5

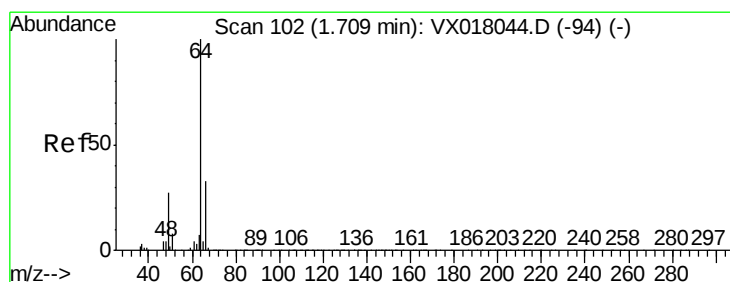
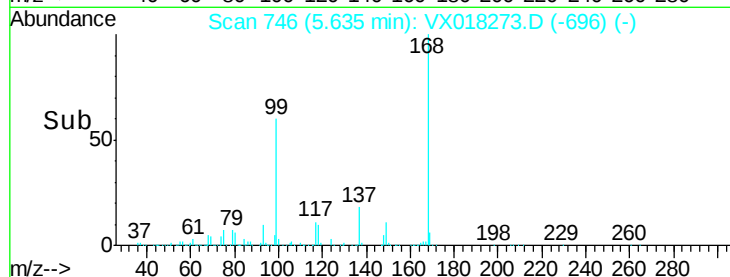
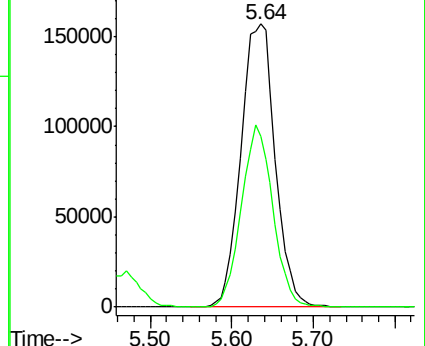
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 14.536 ug/l

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX018273.D

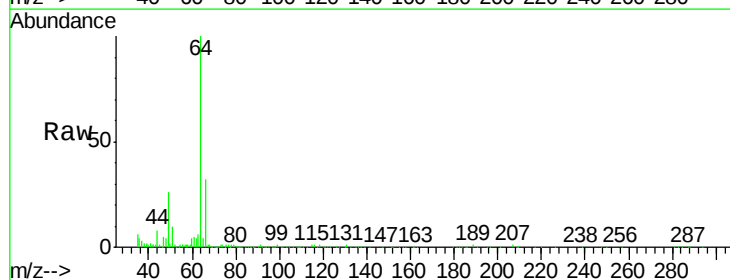
Acq: 08 Sep 2020 14:26

Tgt Ion: 64 Resp: 45729

Ion Ratio Lower Upper

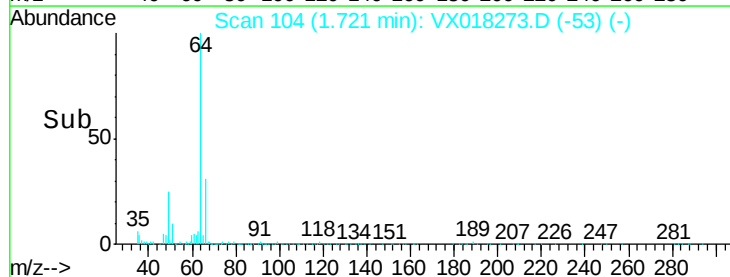
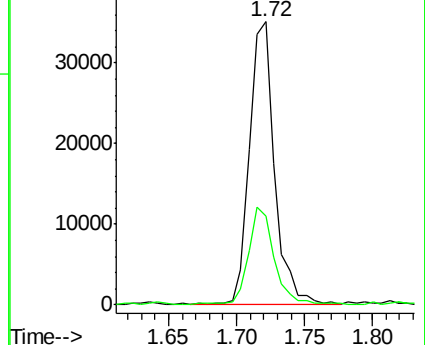
64 100

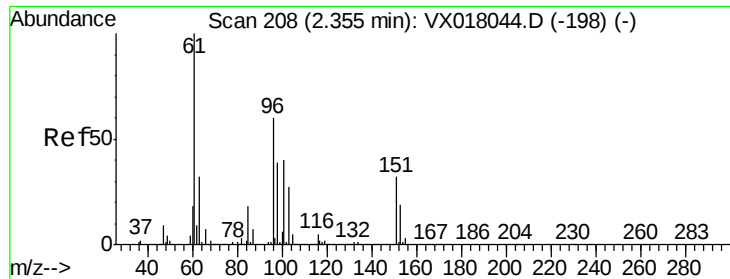
66 31.4 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#12

1,1-Dichloroethene

Concen: 9.142 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018273.D

Acq: 08 Sep 2020 14:26

Instrument :

MSVOA_X

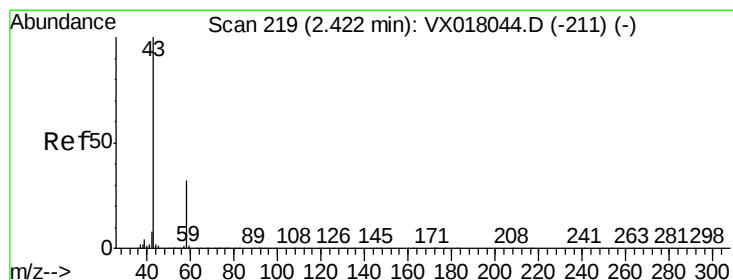
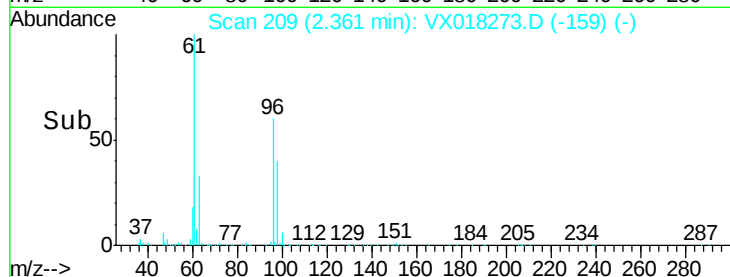
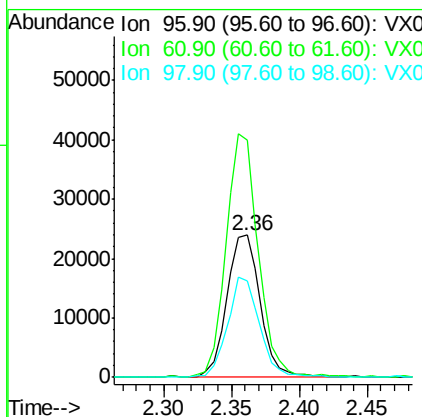
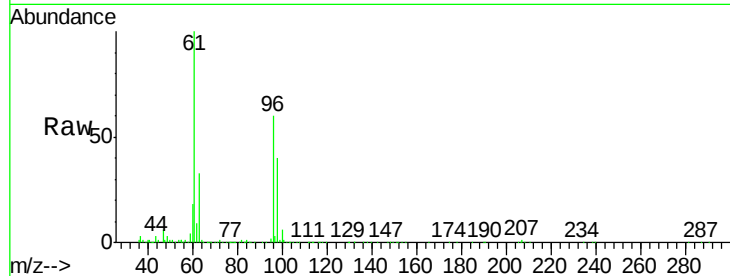
ClientSampleId :

SA-PZ171I-20200902

Tgt Ion:	96	Resp:	40953
Ion Ratio	Lower	Upper	
96	100		
61	165.9	133.0	199.4
98	67.0	51.6	77.4

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#16

Acetone

Concen: 2.220 ug/l

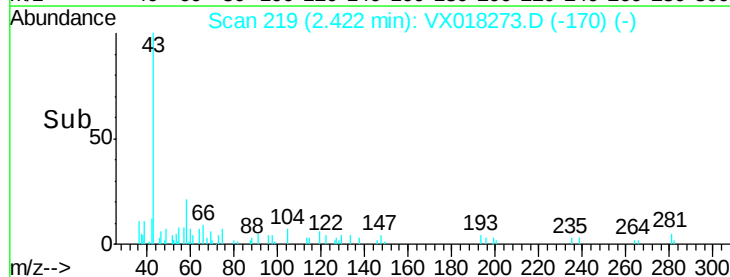
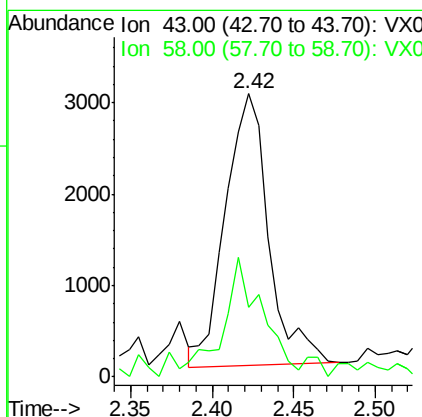
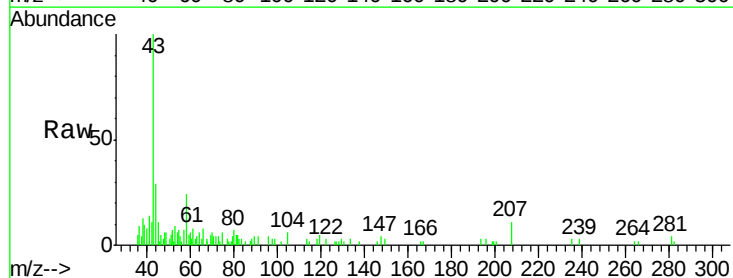
RT: 2.42 min Scan# 219

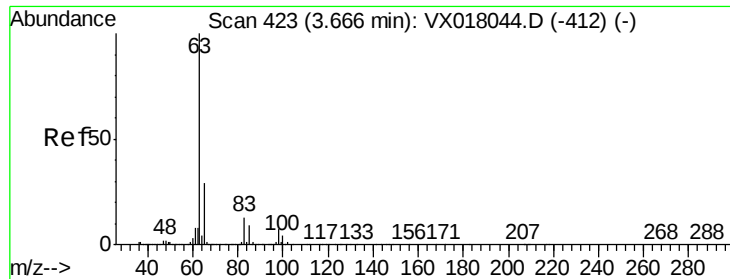
Delta R.T. -0.00 min

Lab File: VX018273.D

Acq: 08 Sep 2020 14:26

Tgt Ion:	43	Resp:	5504
Ion Ratio	Lower	Upper	
43	100		
58	20.7	25.5	38.3#





#24

1,1-Dichloroethane

Concen: 141.346 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018273.D

Acq: 08 Sep 2020 14:26

Instrument :

MSVOA_X

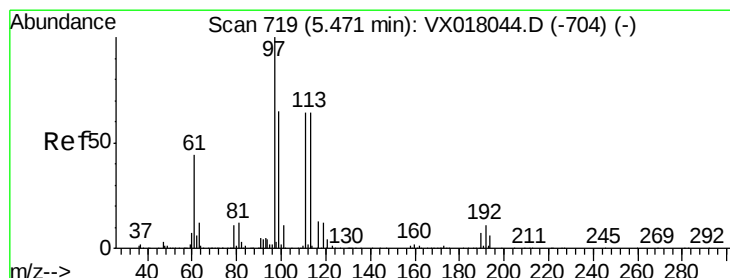
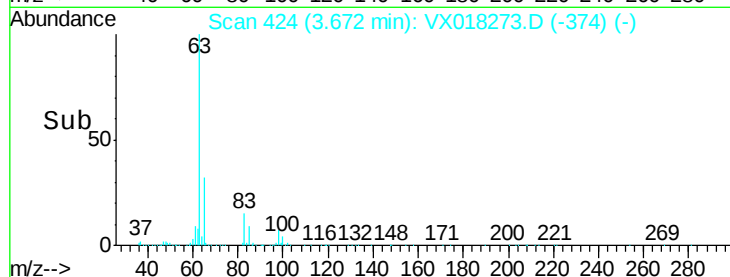
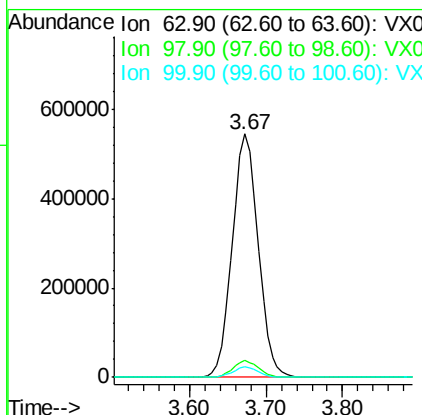
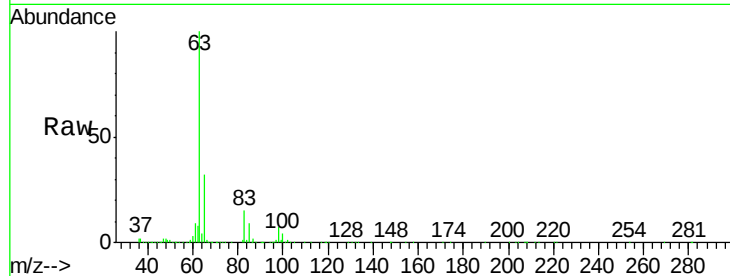
ClientSampleId :

SA-PZ171I-20200902

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	4.2	2.0	6.0

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#32

1,1,1-Trichloroethane

Concen: 10.604 ug/l

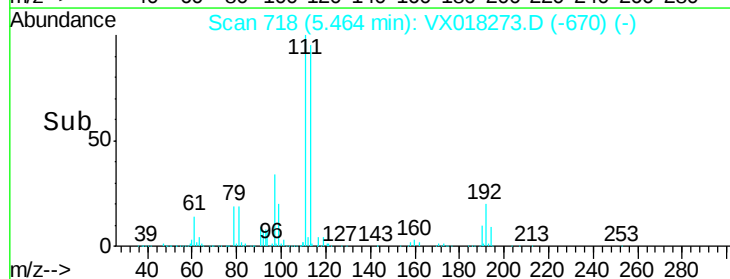
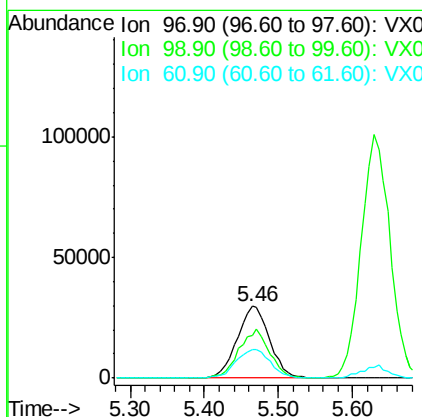
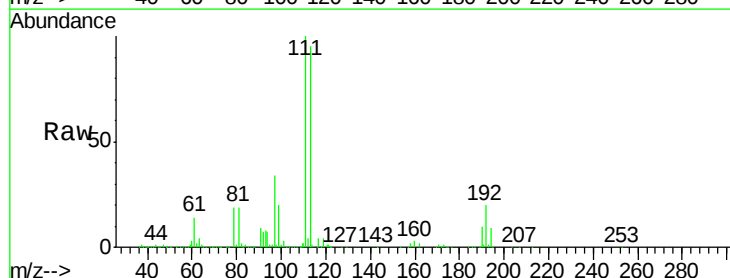
RT: 5.46 min Scan# 718

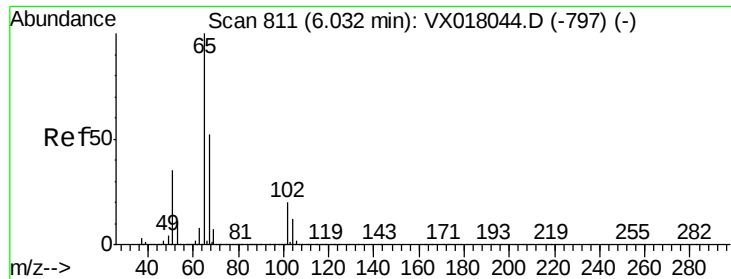
Delta R.T. -0.01 min

Lab File: VX018273.D

Acq: 08 Sep 2020 14:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	42.5	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 50.033 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018273.D

Acq: 08 Sep 2020 14:26

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ171I-20200902

Tgt Ion: 65 Resp: 318402

Ion Ratio Lower Upper

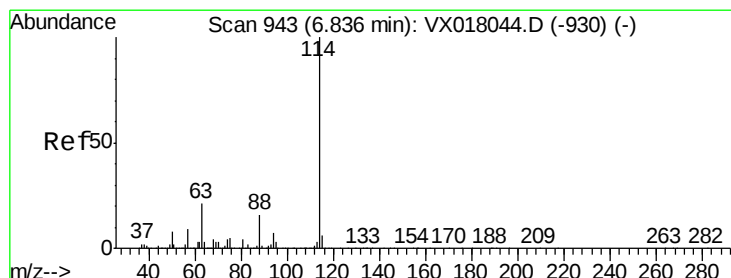
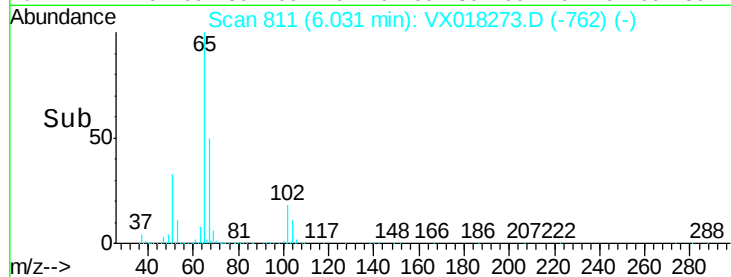
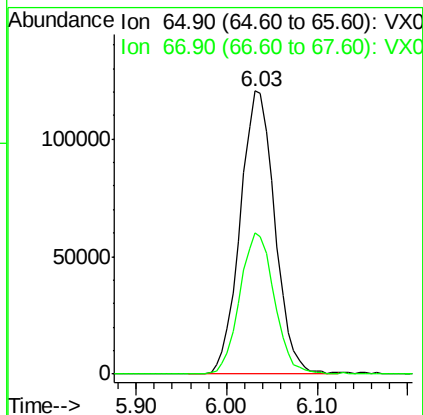
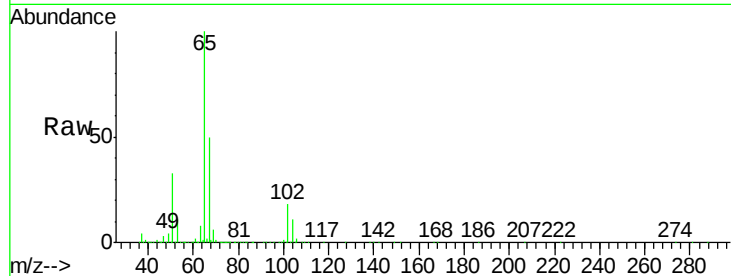
65 100

67 49.9 0.0 105.8

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018273.D

Acq: 08 Sep 2020 14:26

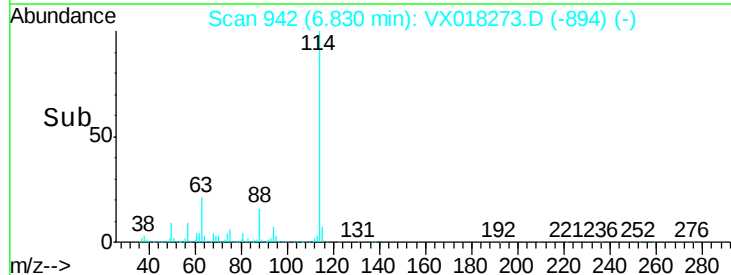
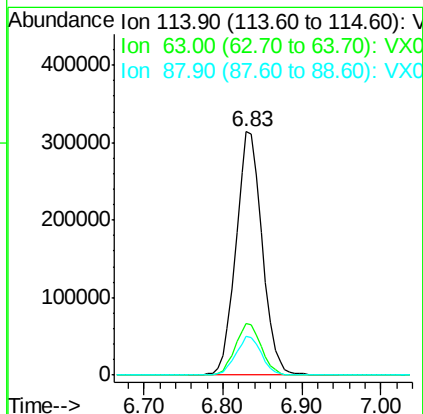
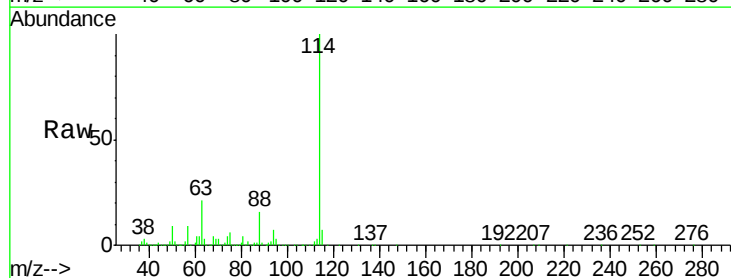
Tgt Ion: 114 Resp: 726077

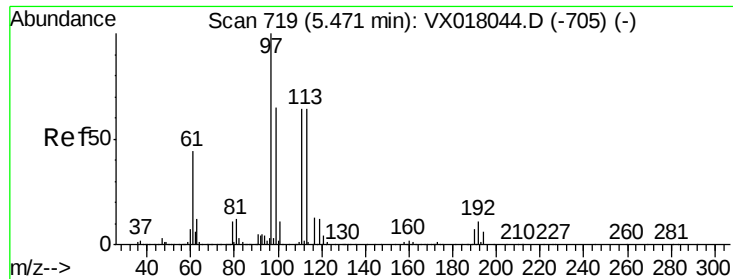
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.1 0.0 31.8





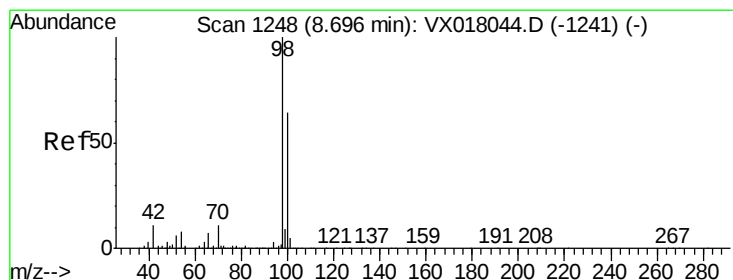
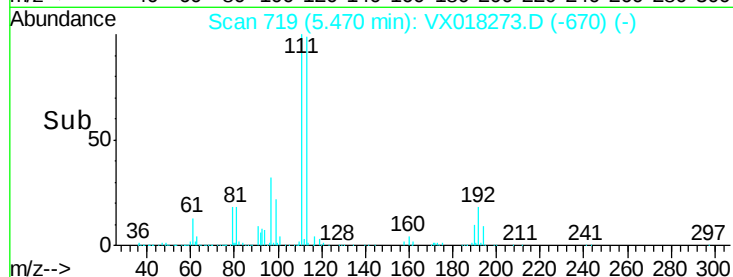
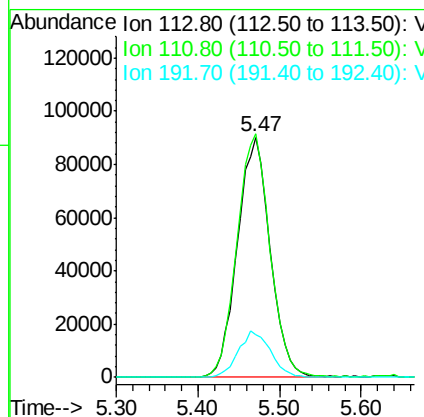
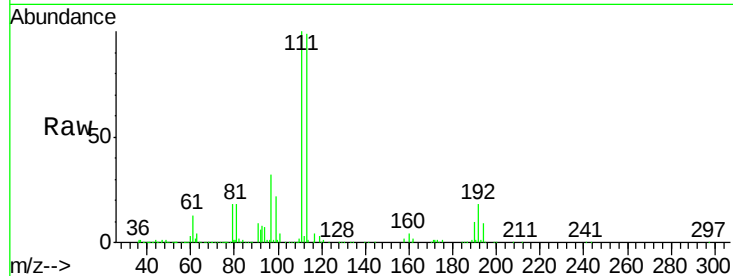
#35
 Dibromofluoromethane
 Concen: 50.784 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018273.D
 Acq: 08 Sep 2020 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ171I-20200902

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	251125		
111	102.0	81.6	122.4	
192	19.2	15.8	23.8	

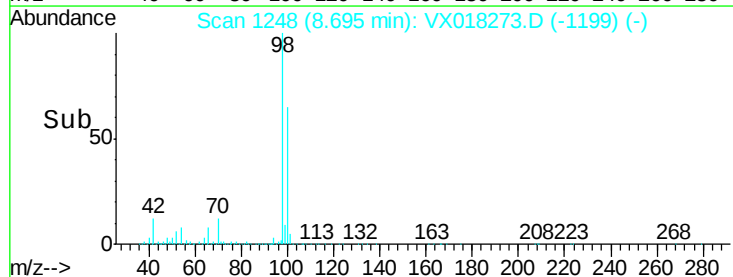
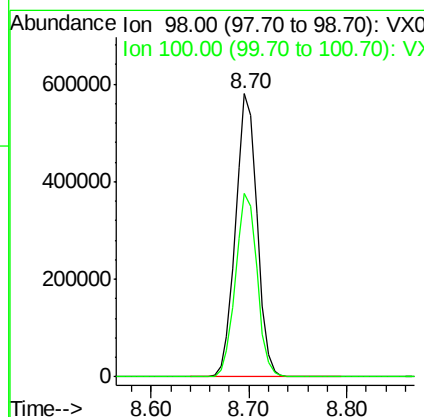
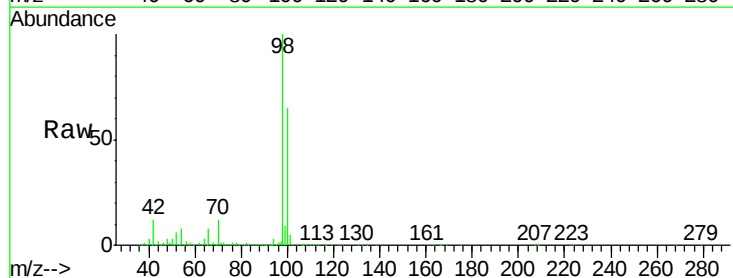
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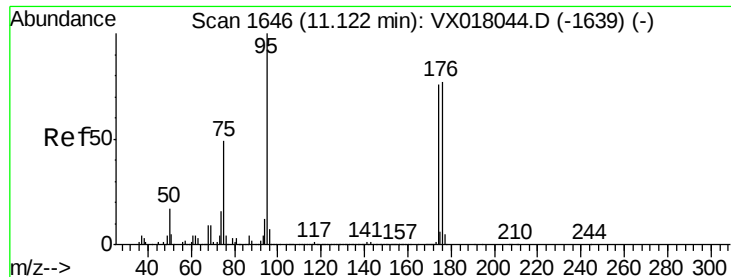
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#50
 Toluene-d8
 Concen: 48.106 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX018273.D
 Acq: 08 Sep 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	886000		
100	65.2	52.2	78.4	





#62

4-Bromofluorobenzene

Concen: 46.185 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018273.D

Acq: 08 Sep 2020 14:26

Instrument :

MSVOA_X

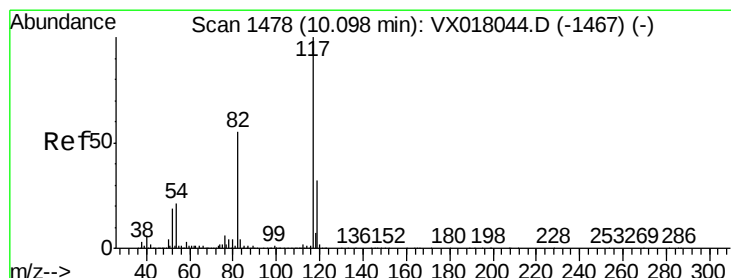
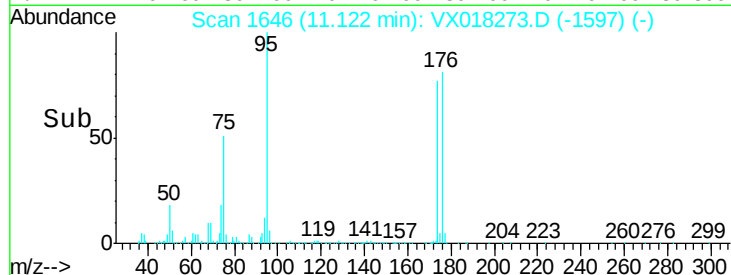
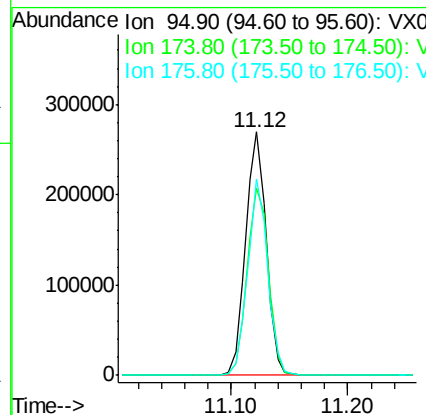
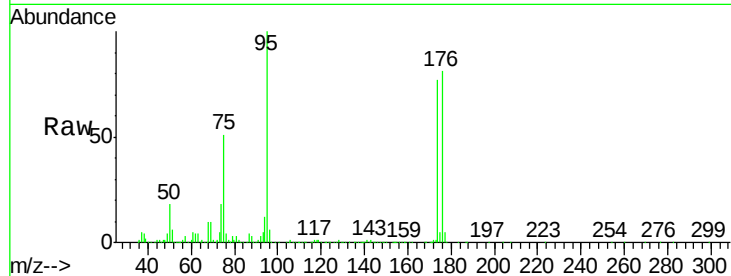
ClientSampleId :

SA-PZ171I-20200902

Tgt Ion:	95	Resp:	334667
Ion Ratio	Lower	Upper	
95	100		
174	80.4	0.0	160.2
176	78.4	0.0	155.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

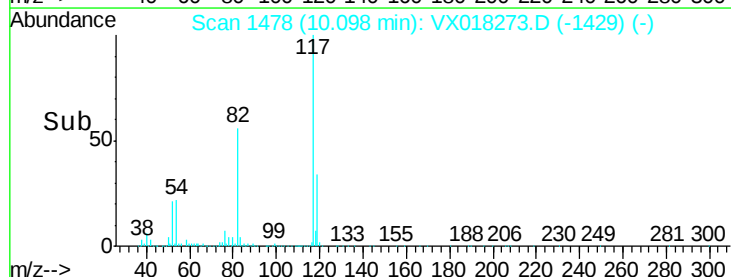
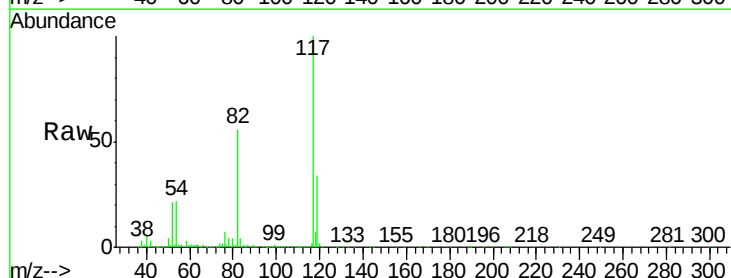
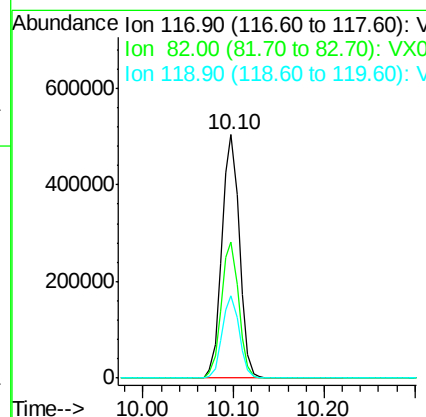
RT: 10.10 min Scan# 1478

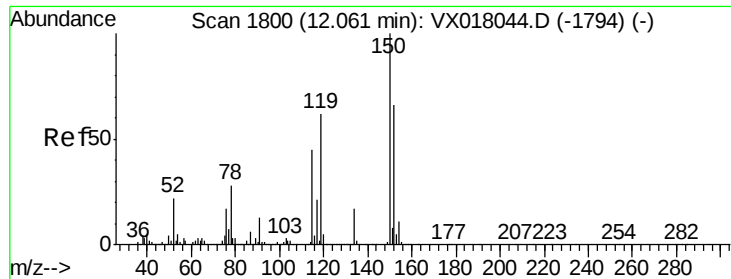
Delta R.T. -0.00 min

Lab File: VX018273.D

Acq: 08 Sep 2020 14:26

Tgt Ion:	117	Resp:	685443
Ion Ratio	Lower	Upper	
117	100		
82	55.8	44.2	66.2
119	33.8	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018273.D

Acq: 08 Sep 2020 14:26

Instrument :

MSVOA_X

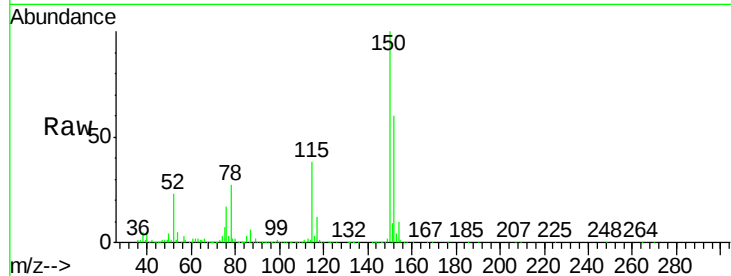
ClientSampleId :

SA-PZ171I-20200902

Tgt Ion:	152	Resp:	341993
Ion Ratio	Lower	Upper	
152	100		
115	61.3	41.5	124.5
150	161.4	0.0	343.8

Manual Integrations
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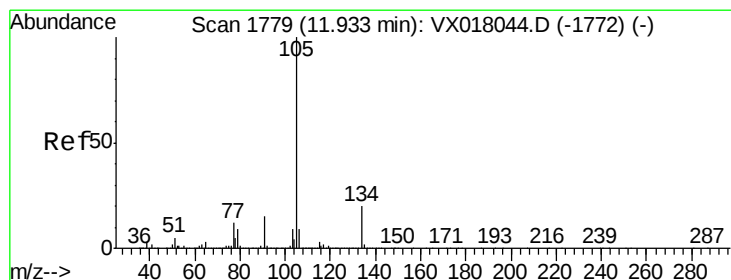
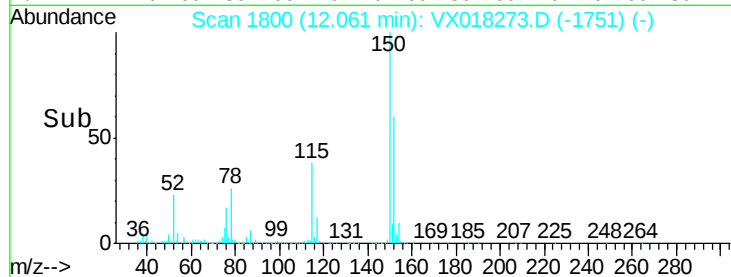
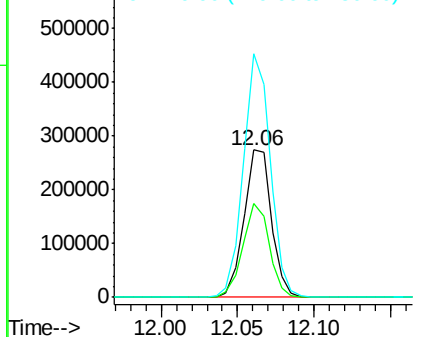
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#85

sec-Butylbenzene

Concen: 0.922 ug/l

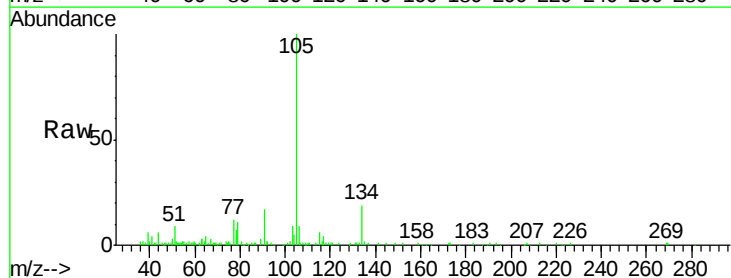
RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018273.D

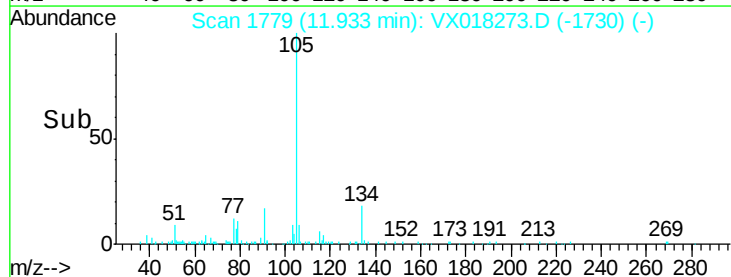
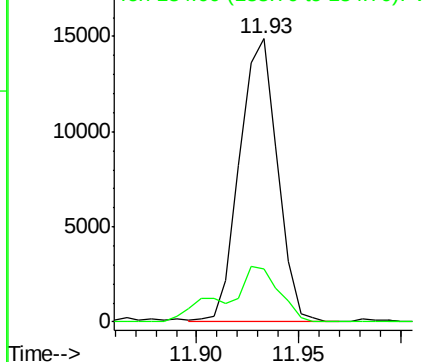
Acq: 08 Sep 2020 14:26

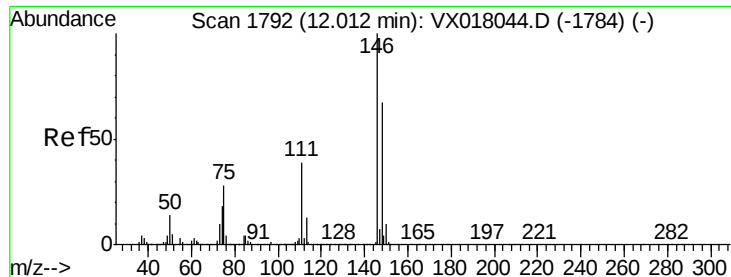
Tgt Ion:	105	Resp:	19177
Ion Ratio	Lower	Upper	
105	100		
134	27.6	10.1	30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





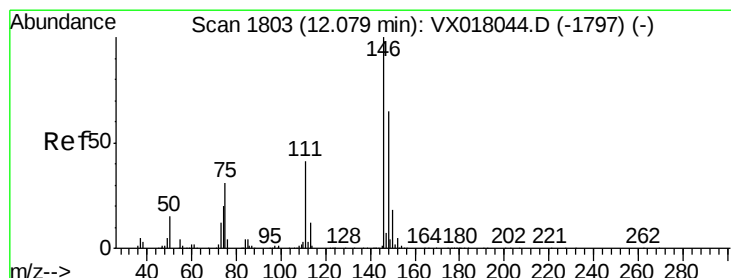
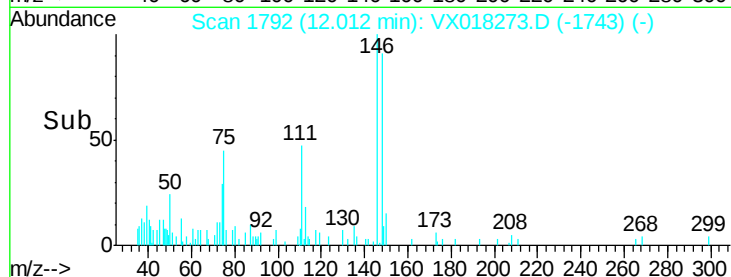
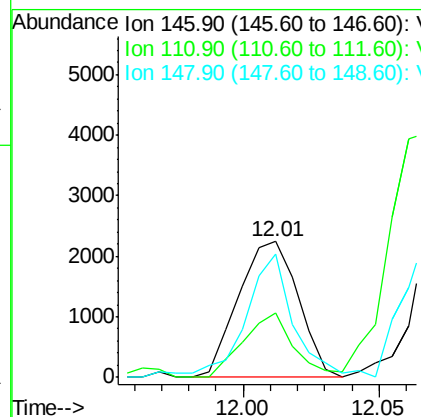
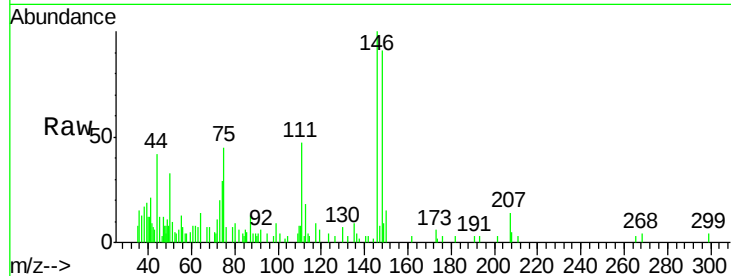
#87
 1,3-Dichlorobenzene
 Concen: 0.311 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018273.D
 Acq: 08 Sep 2020 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ171I-20200902

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	73.1	33.1	99.2

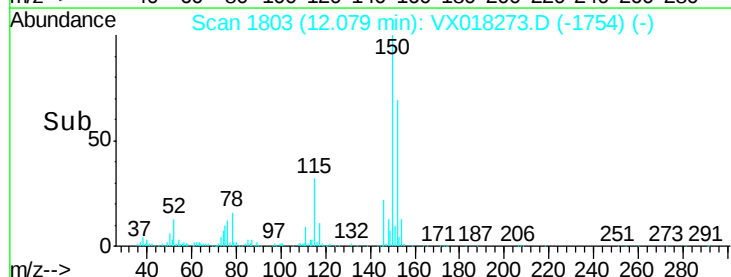
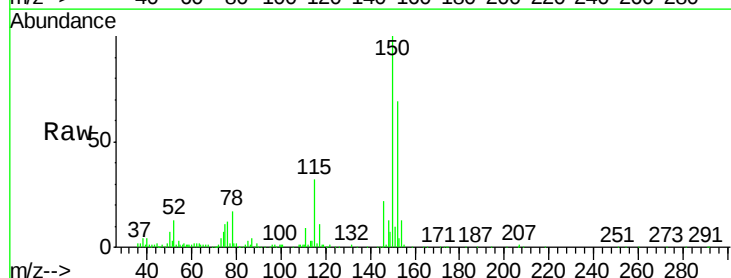
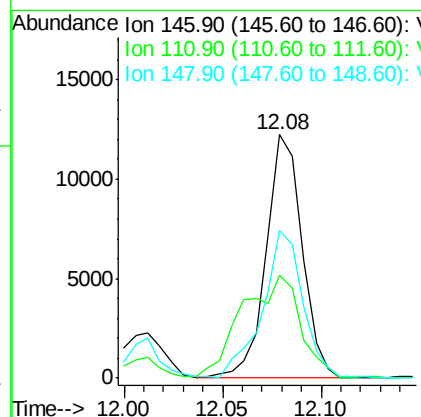
Manual Integrations
 APPROVED

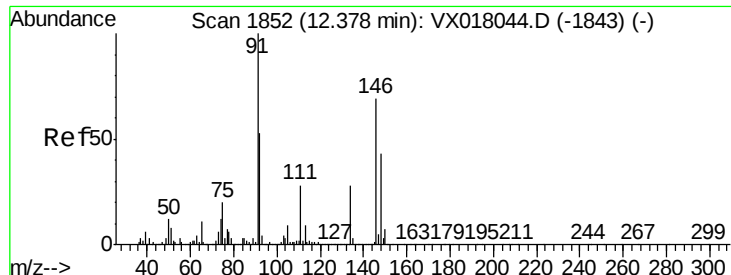
MMDadoda
 9/9/2020 8:48:15 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.415 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018273.D
 Acq: 08 Sep 2020 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	9.0	20.3	60.8#
148	16.1	33.1	99.2#





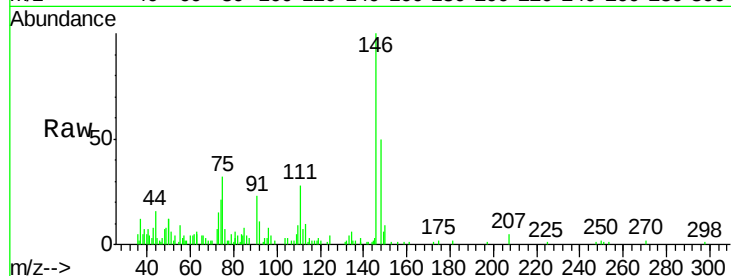
#91
 1,2-Dichlorobenzene
 Concen: 0.704 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018273.D
 Acq: 08 Sep 2020 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ171I-20200902

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.0	20.8	62.5
148	62.5	31.6	95.0

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:48:15 PM



Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

