

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050120\
 Data File : VX016017.D
 Acq On : 01 May 2020 17:25
 Operator : JC/SP
 Sample : L2469-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ187I-20200429

Manual Integrations
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Quant Time: May 04 04:53:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	276106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	451083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	436267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	176397	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	5.47	113	132822	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	8.70	98	550458	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	11.12	95	223334	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
Target Compounds						
6) Chloroethane	1.72	64	7301	3.228	ug/l	98
12) 1,1-Dichloroethene	2.36	96	2109	0.798	ug/l	98
16) Acetone	2.42	43	2415	1.564	ug/l	97
24) 1,1-Dichloroethane	3.67	63	59328	11.372	ug/l	97
85) sec-Butylbenzene	11.93	105	5653	0.376	ug/l	84
87) 1,3-Dichlorobenzene	12.01	146	3194	0.443	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	9723m	1.334	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	4734	0.687	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	7031	1.358	ug/l	92

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

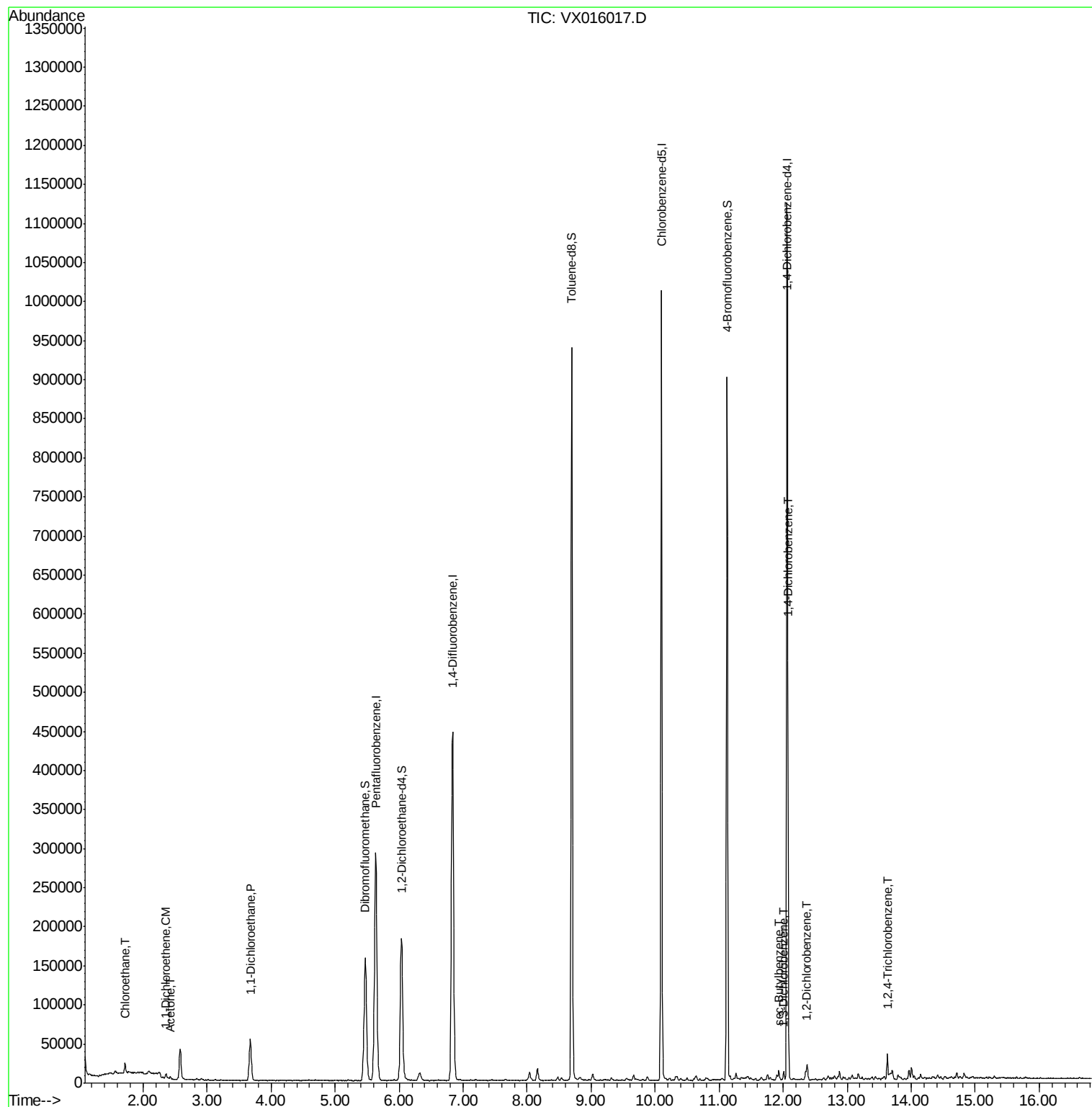
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050120\
Data File : VX016017.D
Acq On : 01 May 2020 17:25
Operator : JC/SP
Sample : L2469-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

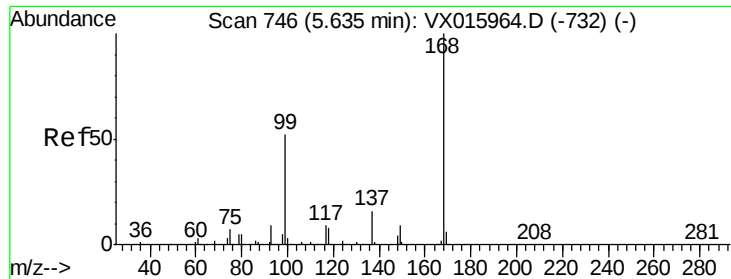
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ187I-20200429

Manual Integrations
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Quant Time: May 04 04:53:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration





#1

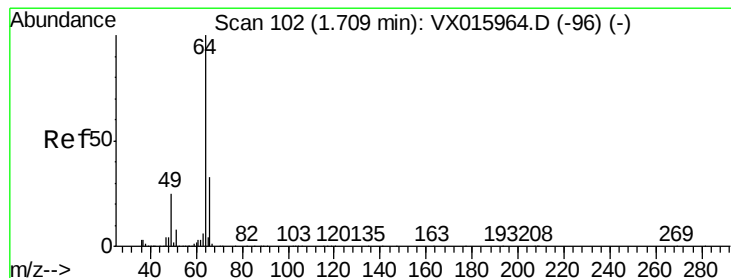
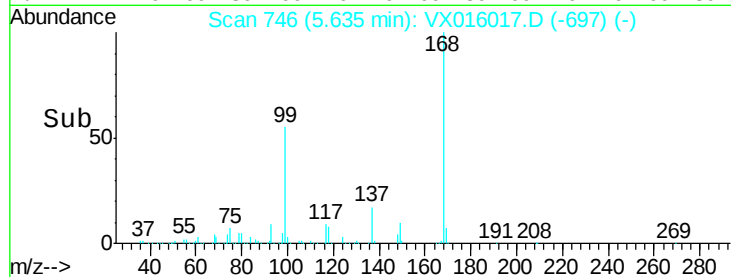
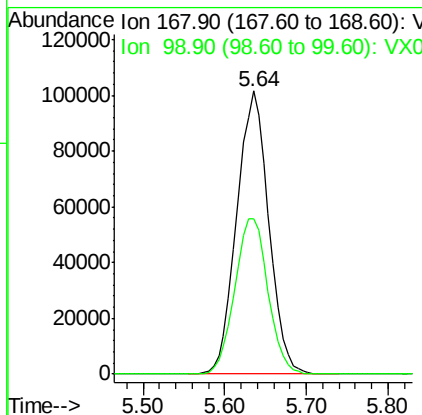
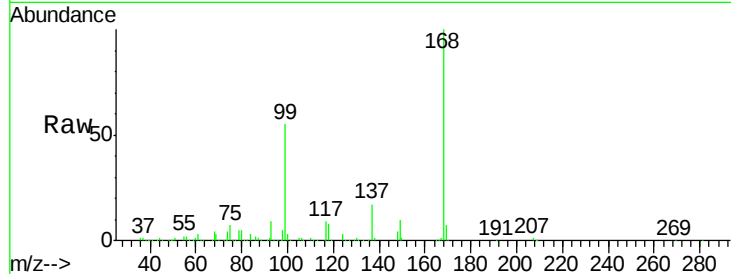
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VX016017.D
 Acq: 01 May 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ187I-20200429

Tot Ion	Ratio	Resp	Lower	Upper
168	100	276106		
99	54.8	41.7	62.5	

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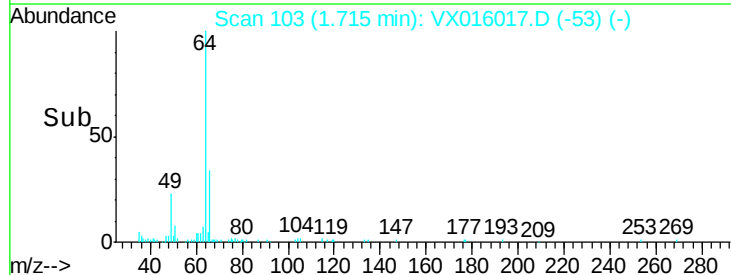
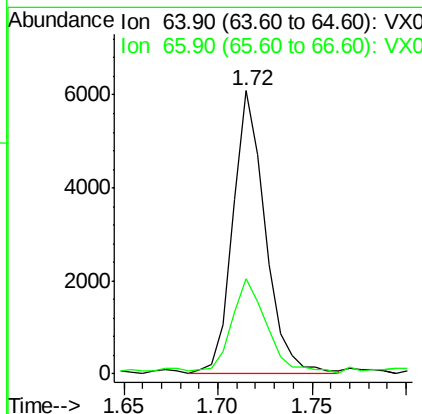
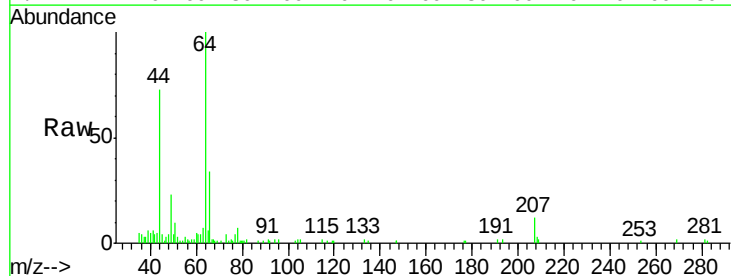
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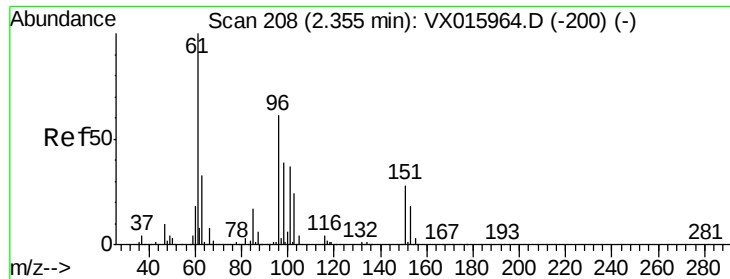


#6

Chloroethane
 Concen: 3.228 ug/l
 RT: 1.72 min Scan# 103
 Delta R.T. 0.01 min
 Lab File: VX016017.D
 Acq: 01 May 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
64	100	7301		
66	33.8	26.2	39.2	





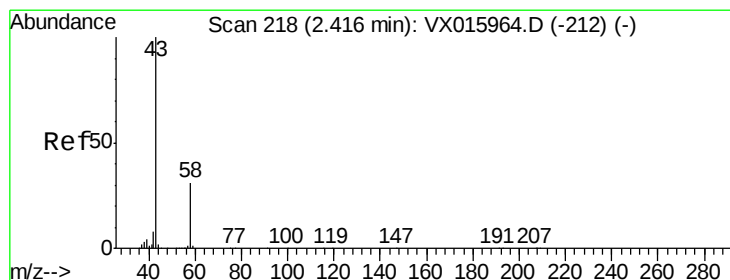
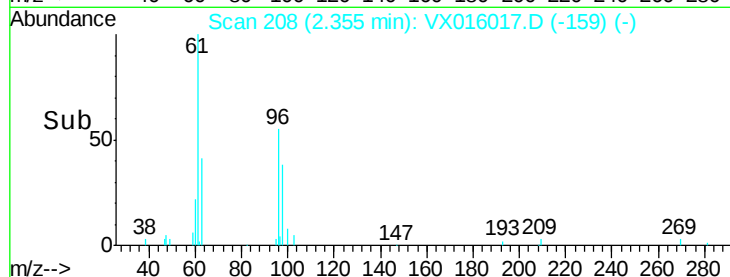
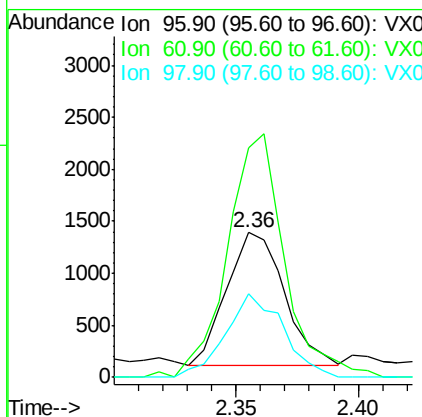
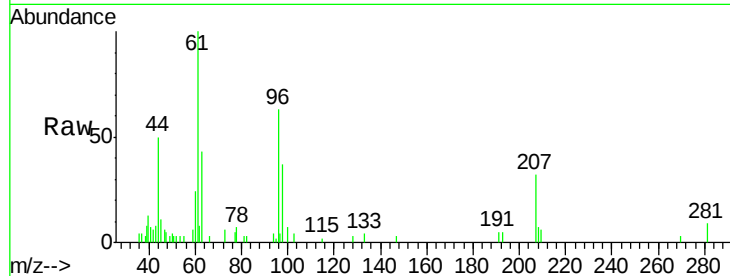
#12
1,1-Dichloroethene
Concen: 0.798 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016017.D
Acq: 01 May 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ1871-20200429

Tot Ion:	96	Resp:	2109
Ion	Ratio	Lower	Upper
96	100		
61	160.6	131.0	196.4
98	63.4	50.7	76.1

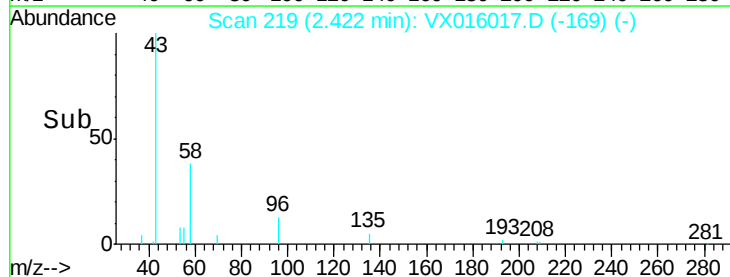
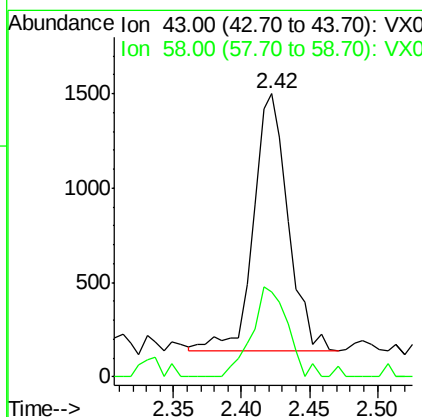
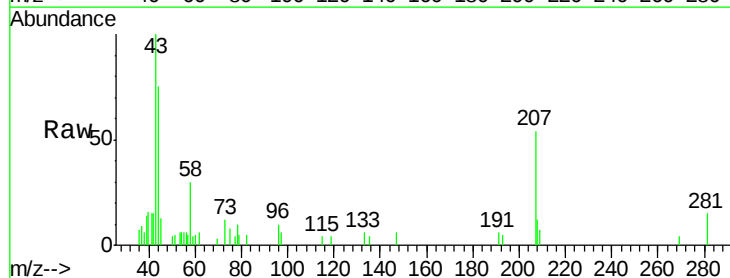
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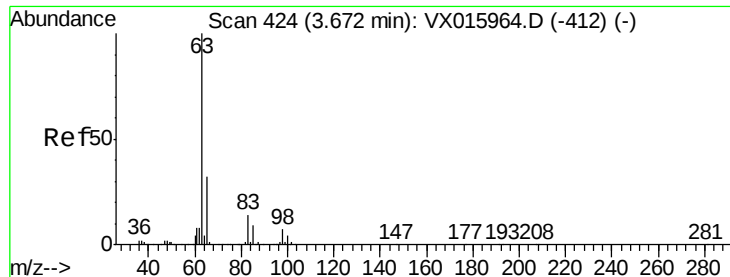
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#16
Acetone
Concen: 1.564 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX016017.D
Acq: 01 May 2020 17:25

Tgt Ion:	43	Resp:	2415
Ion	Ratio	Lower	Upper
43	100		
58	33.2	25.1	37.7





#24

1,1-Dichloroethane

Concen: 11.372 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016017.D

Acq: 01 May 2020 17:25

Instrument :

MSVOA_X

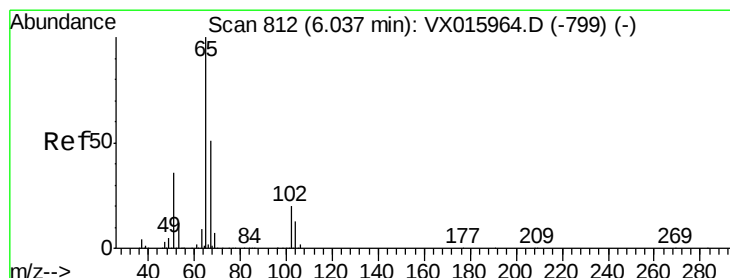
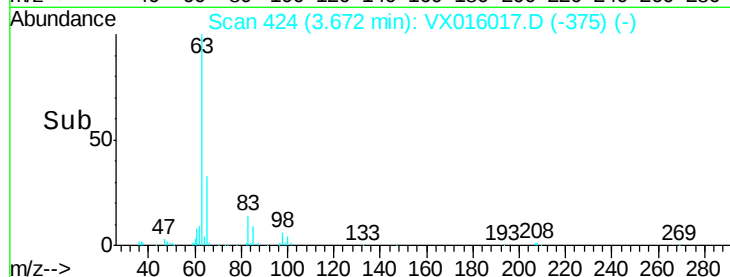
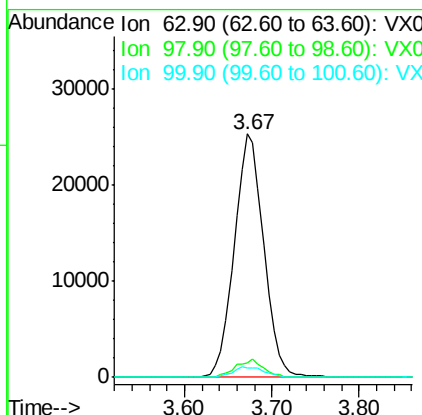
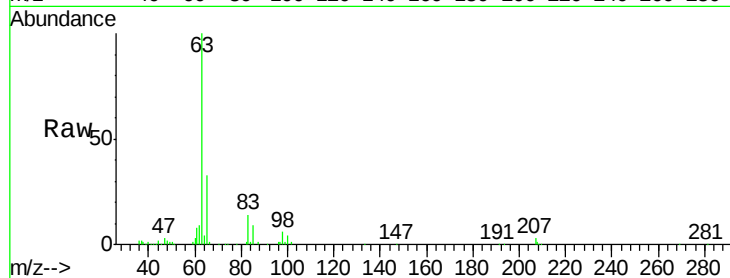
ClientSampleId :

SA-PZ187I-20200429

Tot Ion:	63	Resp:	59328
Ion Ratio	Lower	Upper	
63	100		
98	6.2	3.6	10.8
100	3.7	2.2	6.6

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#33

1,2-Dichloroethane-d4

Concen: 48.863 ug/l

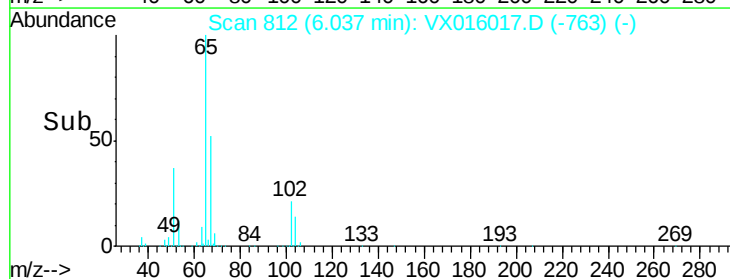
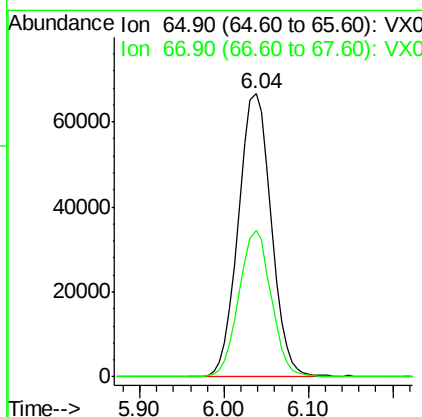
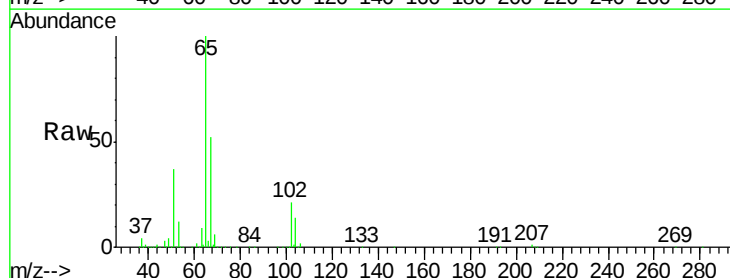
RT: 6.04 min Scan# 812

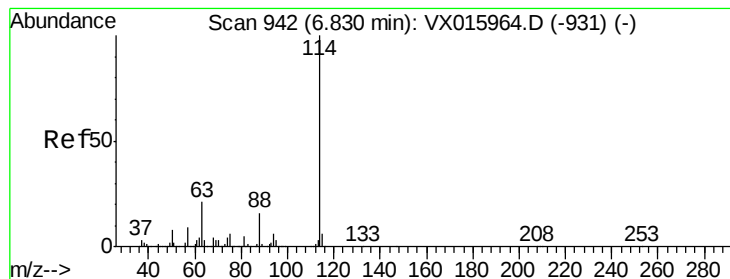
Delta R.T. 0.00 min

Lab File: VX016017.D

Acq: 01 May 2020 17:25

Tgt Ion:	65	Resp:	176397
Ion Ratio	Lower	Upper	
65	100		
67	51.1	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016017.D

Acq: 01 May 2020 17:25

Instrument :

MSVOA_X

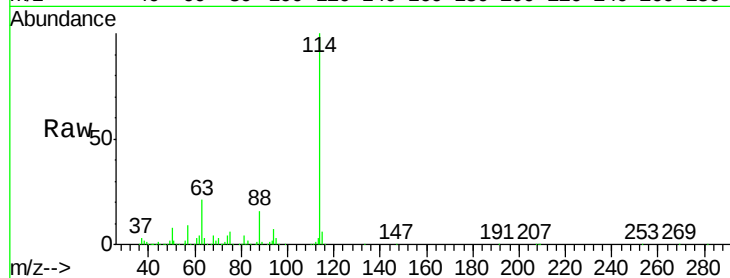
ClientSampleId :

SA-PZ1871-20200429

Tot Ion:	114	Resp:	451083
Ion Ratio		Lower	Upper
114	100		
63	21.3	0.0	41.2
88	16.0	0.0	31.8

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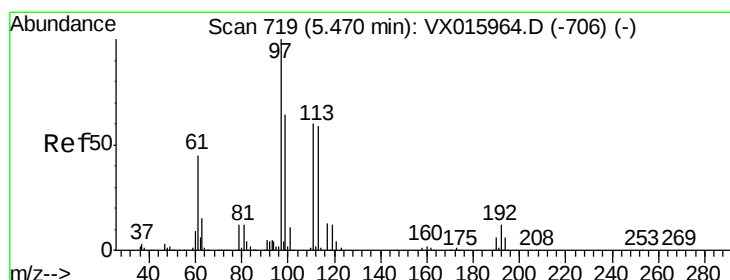
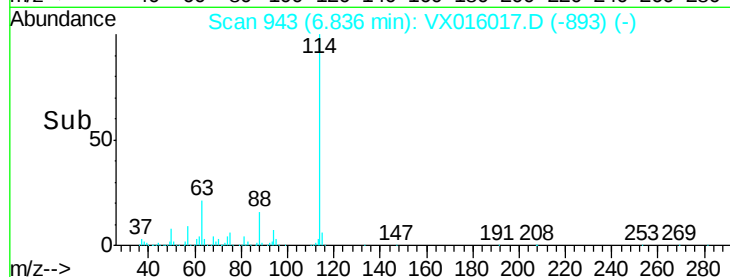
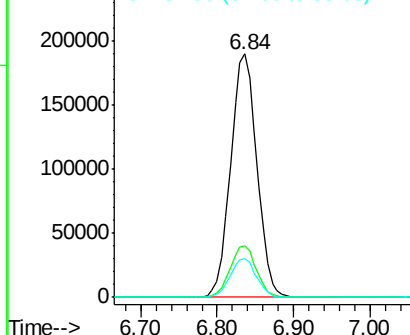
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.202 ug/l

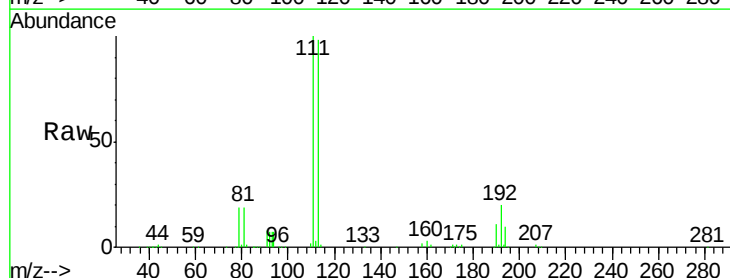
RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016017.D

Acq: 01 May 2020 17:25

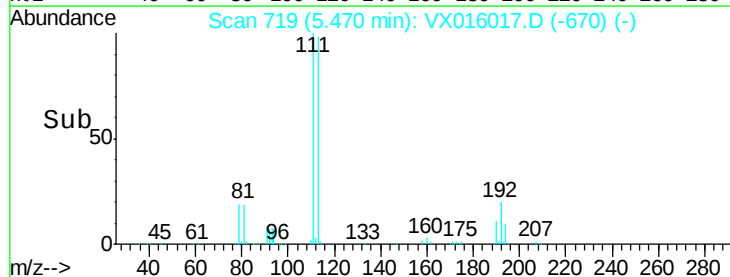
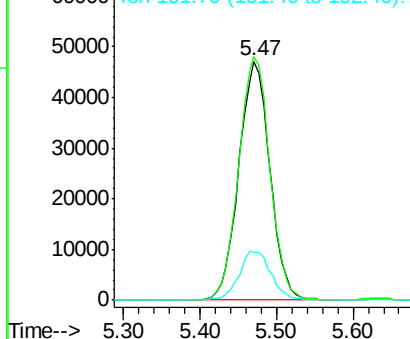
Tgt Ion:	113	Resp:	132822
Ion Ratio		Lower	Upper
113	100		
111	102.6	81.8	122.8
192	21.0	16.8	25.2

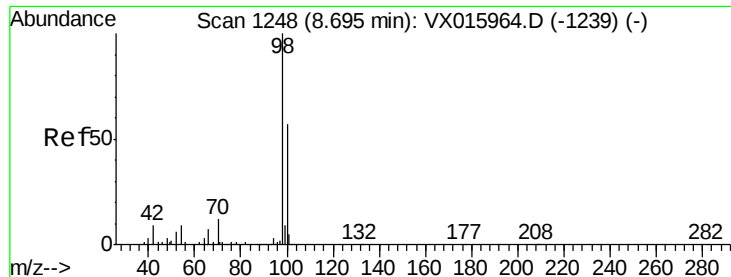


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.321 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016017.D

Acq: 01 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ187I-20200429

Tot Ion: 98 Resp: 550458

Ion Ratio Lower Upper

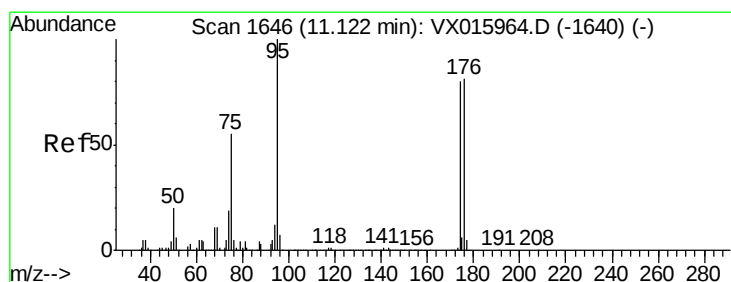
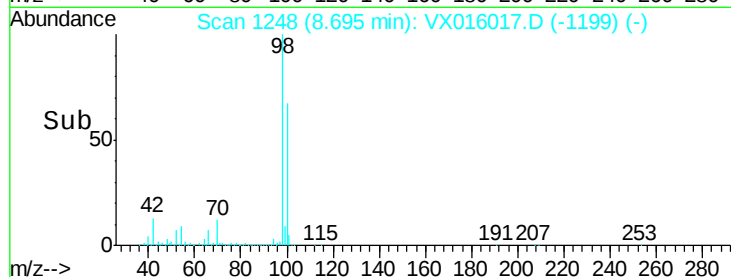
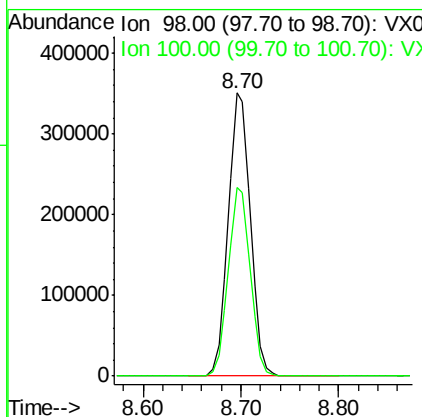
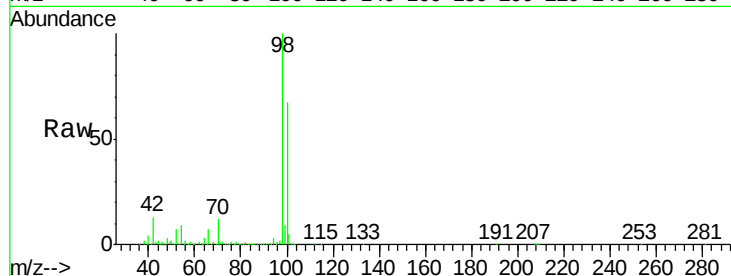
98 100

100 66.5 53.1 79.7

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#62

4-Bromofluorobenzene

Concen: 54.123 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016017.D

Acq: 01 May 2020 17:25

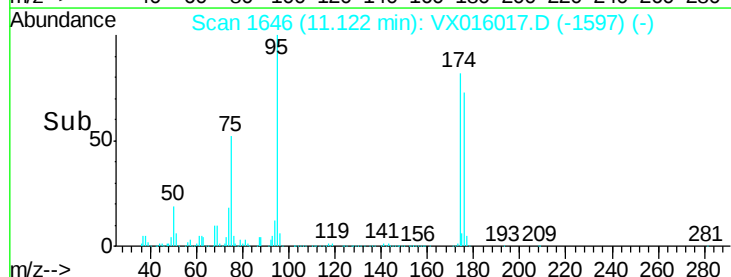
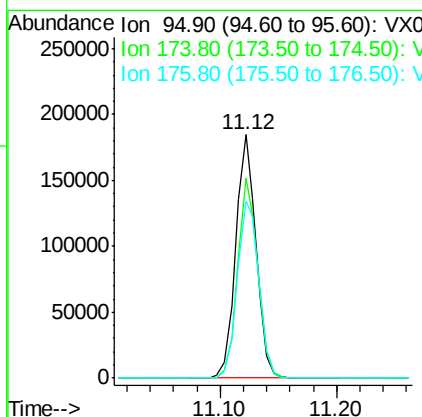
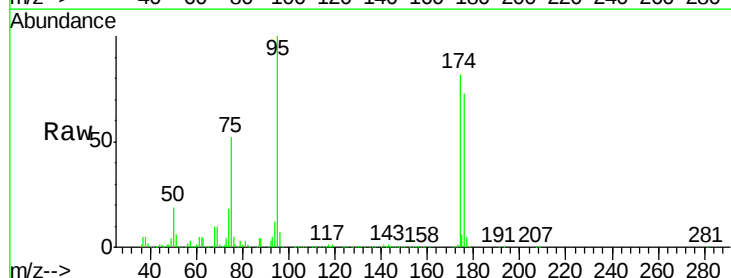
Tgt Ion: 95 Resp: 223334

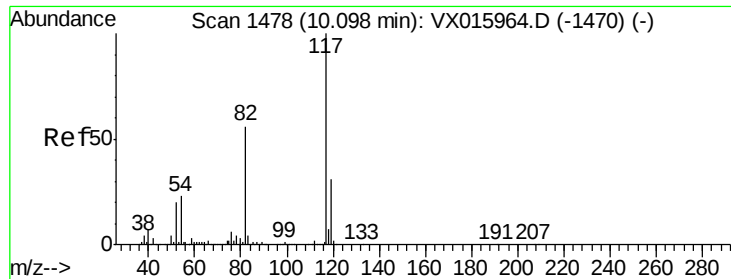
Ion Ratio Lower Upper

95 100

174 81.8 0.0 165.0

176 77.1 0.0 163.2





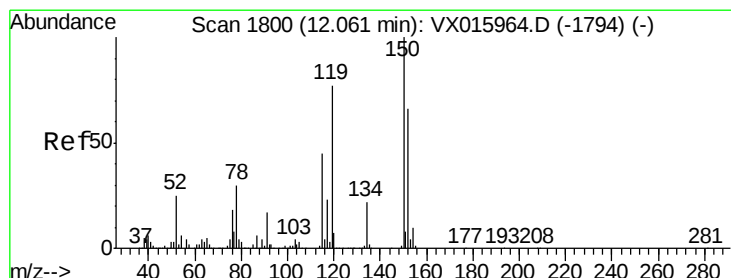
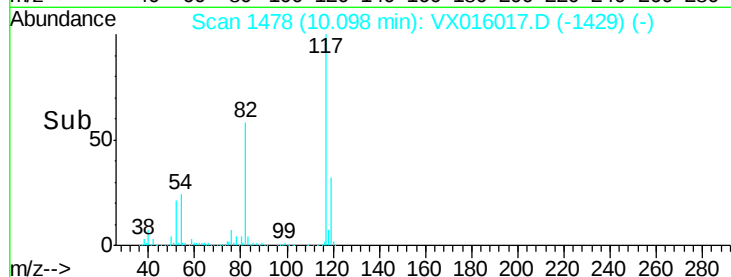
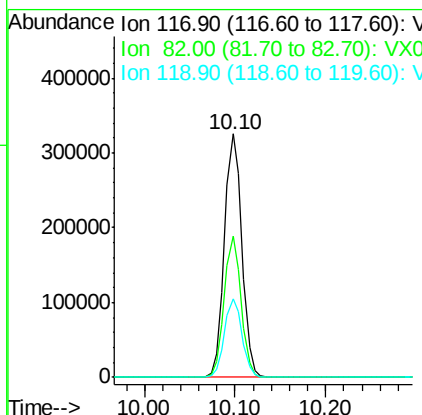
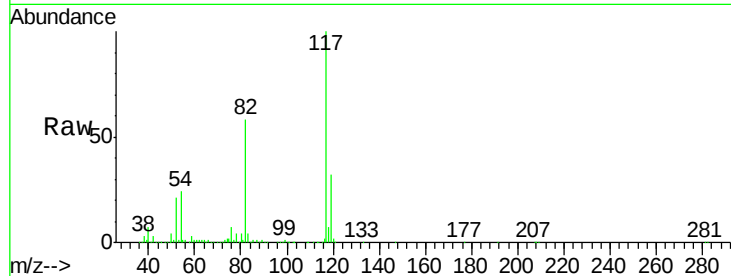
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016017.D
Acq: 01 May 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ187I-20200429

Tot Ion	Ratio	Resp	Lower	Upper
117	100	436267		
82	58.1	44.5	66.7	
119	32.4	25.0	37.6	

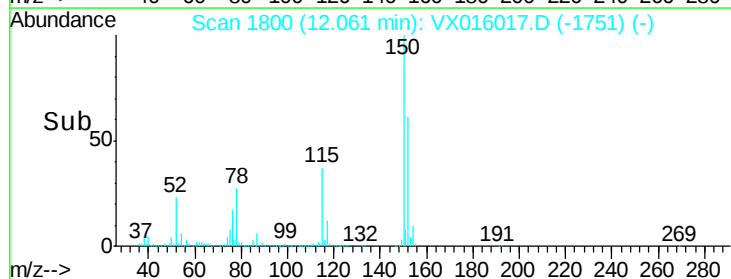
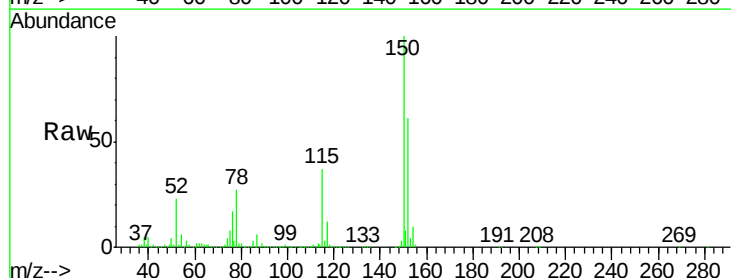
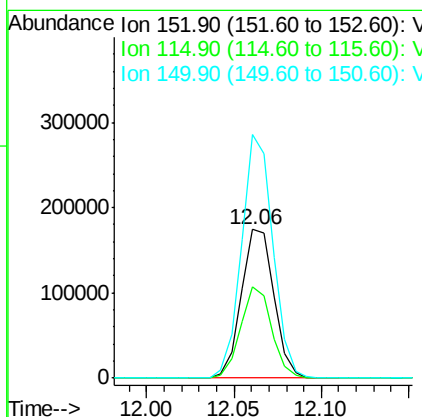
Manual Integrations
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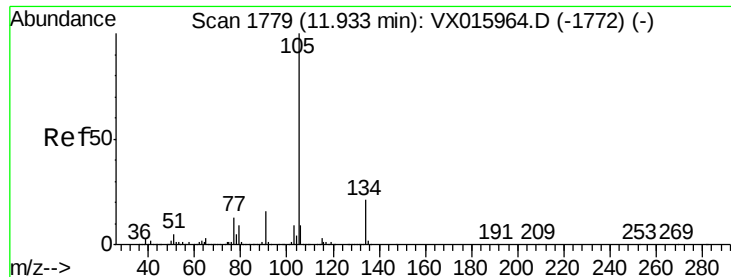
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016017.D
Acq: 01 May 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	225823		
115	58.6	40.9	122.7	
150	157.3	0.0	342.4	





#85

sec-Butylbenzene

Concen: 0.376 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016017.D

Acq: 01 May 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ187I-20200429

Tot Ion:105 Resp: 5653

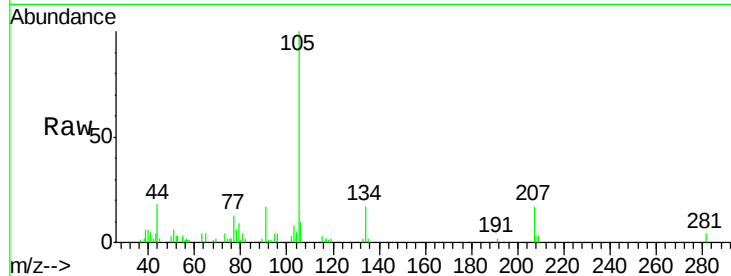
Ion Ratio Lower Upper

105 100

134 28.3 10.4 31.1

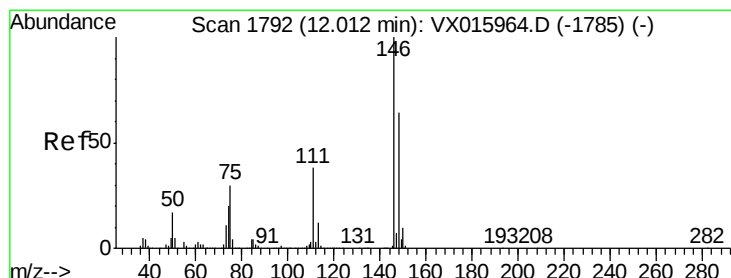
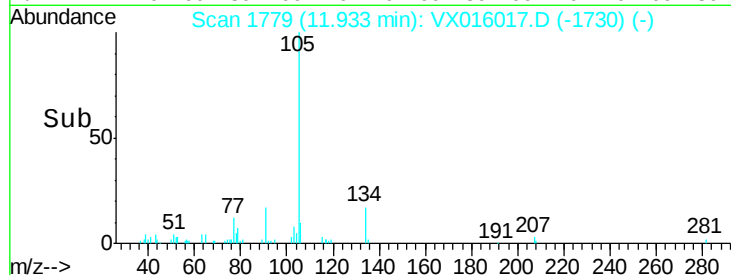
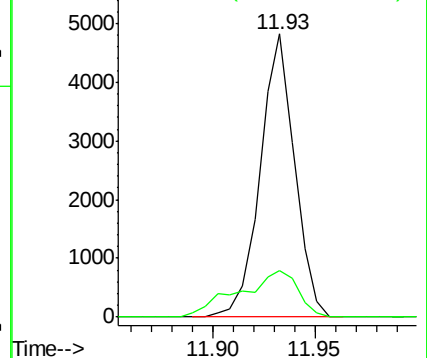
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 0.443 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016017.D

Acq: 01 May 2020 17:25

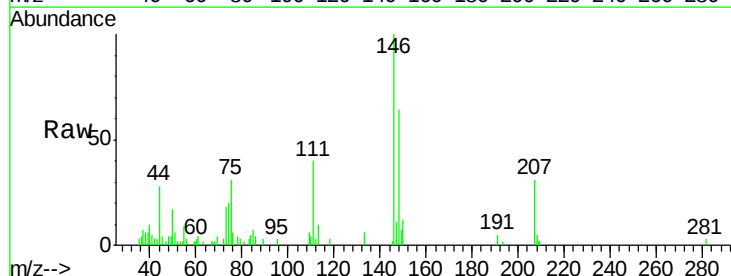
Tgt Ion:146 Resp: 3194

Ion Ratio Lower Upper

146 100

111 45.1 19.6 58.8

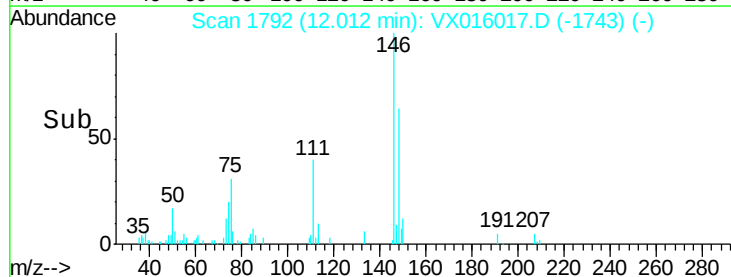
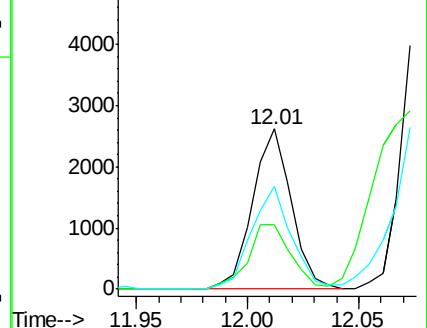
148 65.8 32.0 96.0

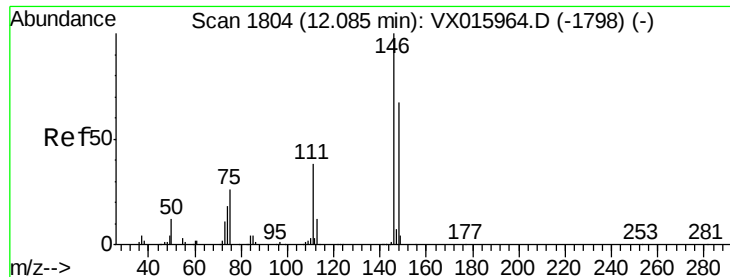


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





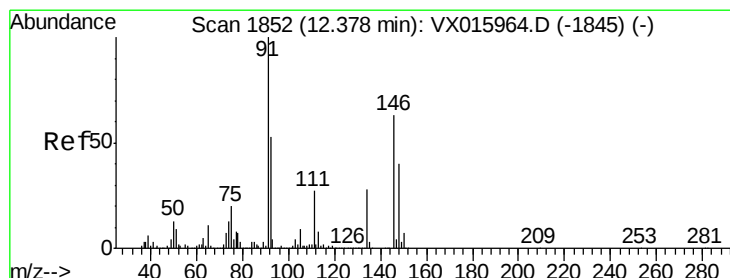
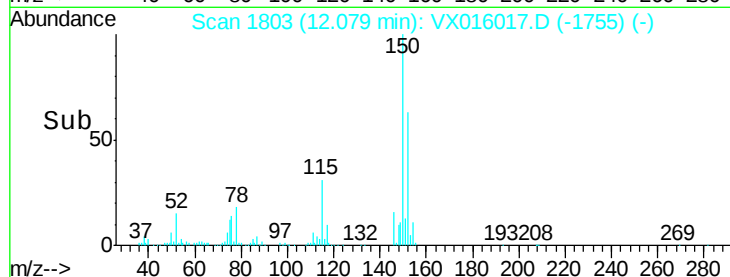
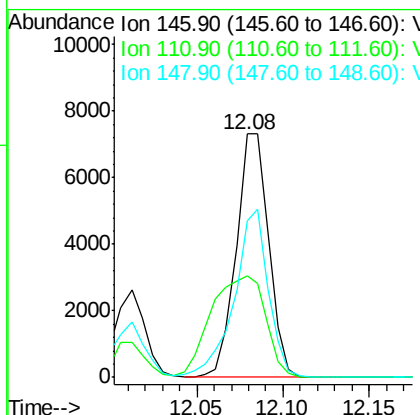
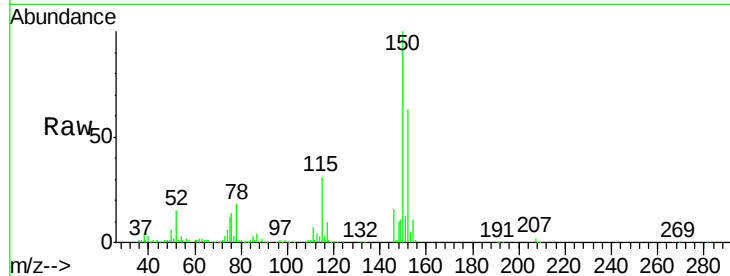
#88
 1,4-Dichlorobenzene
 Concen: 1.334 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016017.D
 Acq: 01 May 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ1871-20200429

Tot Ion	Ratio	Lower	Upper
146	100		
111	14.8	19.7	59.0#
148	21.6	32.8	98.4#

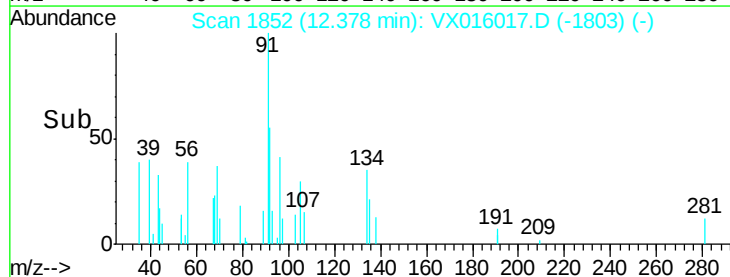
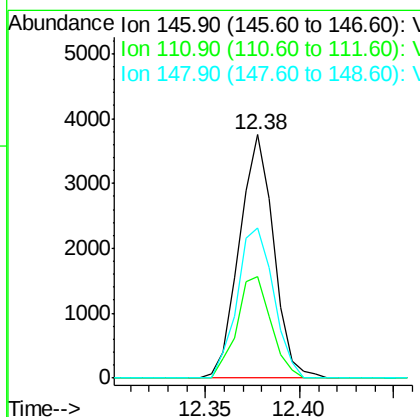
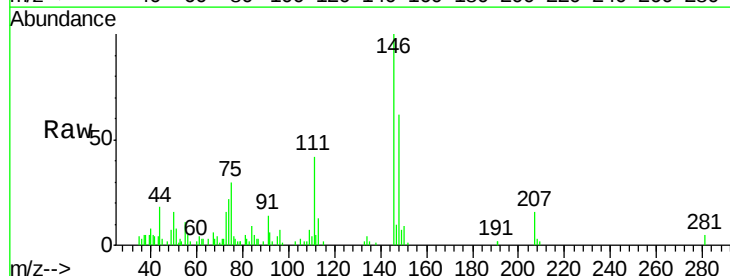
Manual Integrations
 APPROVED

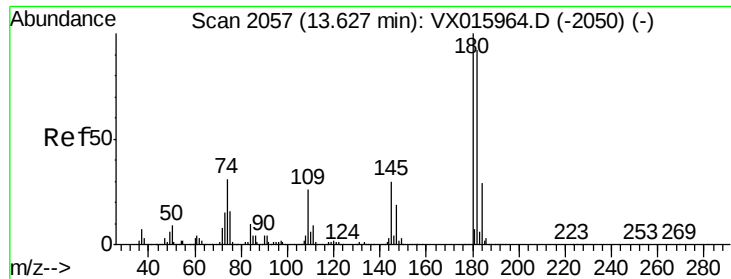
MMDadoda
 5/4/2020 2:19:59 PM



#91
 1,2-Dichlorobenzene
 Concen: 0.687 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016017.D
 Acq: 01 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.3
148	65.7	32.3	96.9





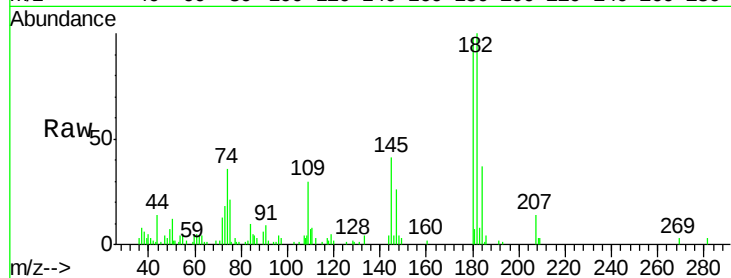
#93
 1,2,4-Trichlorobenzene
 Concen: 1.358 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016017.D
 Acq: 01 May 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ187I-20200429

Tot Ion	Ratio	Resp	Lower	Upper
180	100	7031		
182	98.7		46.9	140.6
145	38.9		14.7	44.1

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:19:59 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

