

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017188.D
 Acq On : 06 Jul 2020 22:52
 Operator : JC/SP
 Sample : L3159-05 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 07BR-20200629

Manual Integrations
 APPROVED

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 7/7/2020 12:24:46 PM

Quant Time: Jul 07 08:05:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	452406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	264810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	174908	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	5.47	113	149849	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	8.70	98	548018	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.12	95	230236	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	1509m	0.563	ug/l	
4) Vinyl Chloride	1.39	62	31769	10.559	ug/l	98
12) 1,1-Dichloroethene	2.36	96	2118	0.773	ug/l	82
16) Acetone	2.42	43	3757	2.942	ug/l #	85
20) Methylene Chloride	2.84	84	6168	1.344	ug/l #	96
21) trans-1,2-Dichloroethene	3.14	96	6313	2.076	ug/l	87
27) cis-1,2-Dichloroethene	4.57	96	644088	186.959	ug/l	90
44) Trichloroethene	7.19	130	99762	28.645	ug/l	98

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

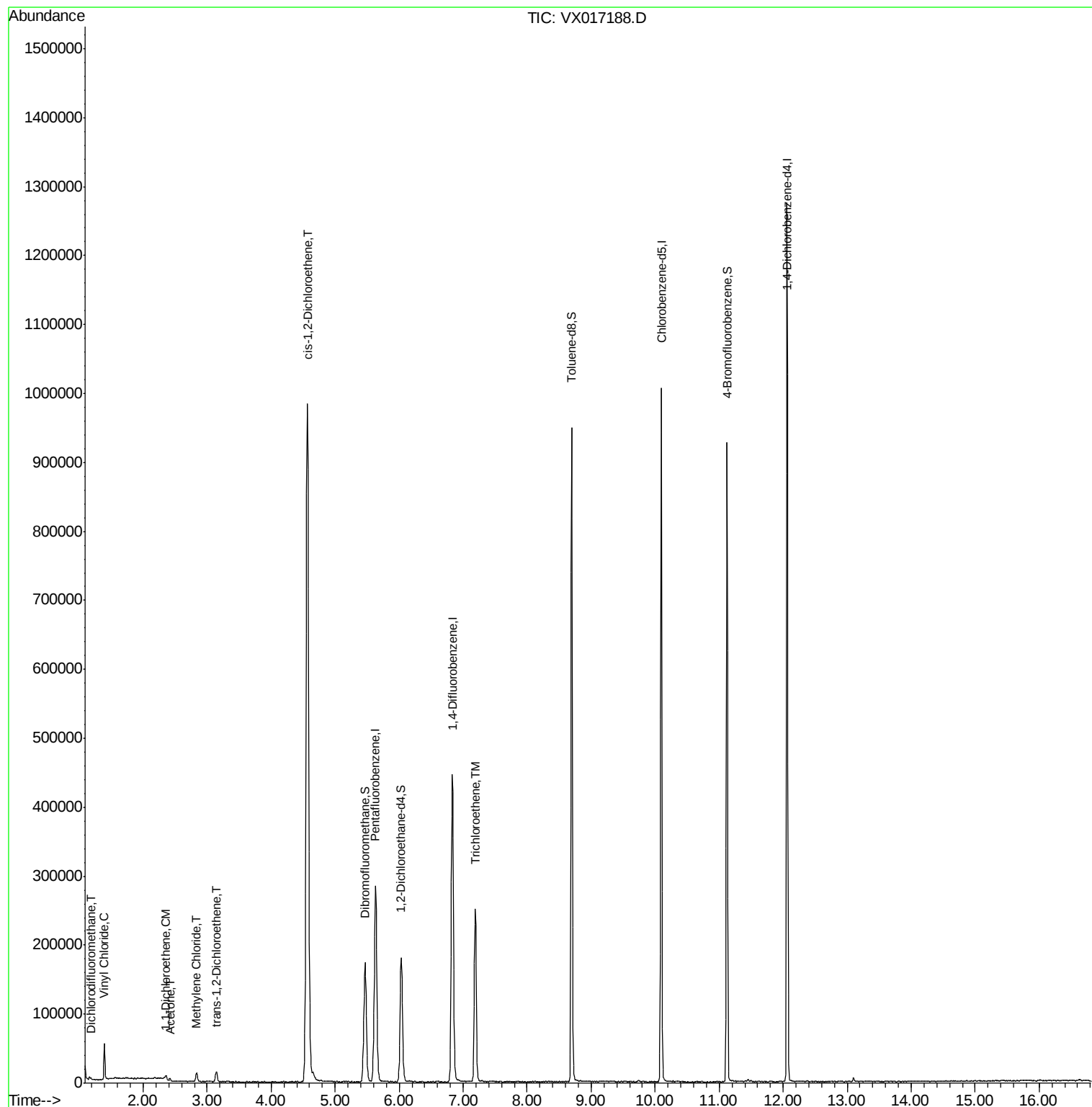
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070620\
Data File : VX017188.D
Acq On : 06 Jul 2020 22:52
Operator : JC/SP
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Manual Integrations
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Quant Time: Jul 07 08:05:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017188.D

Acq: 06 Jul 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

07BR-20200629

Tot Ion:168 Resp: 276928

Ion Ratio Lower Upper

168 100

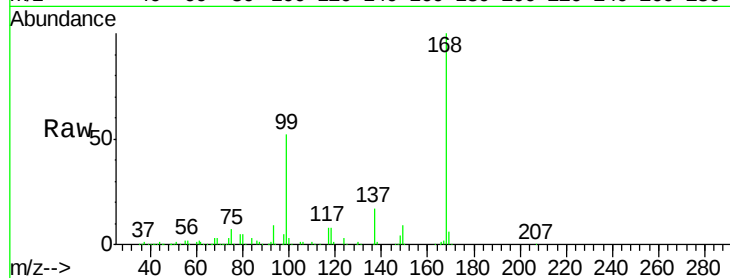
99 51.8 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

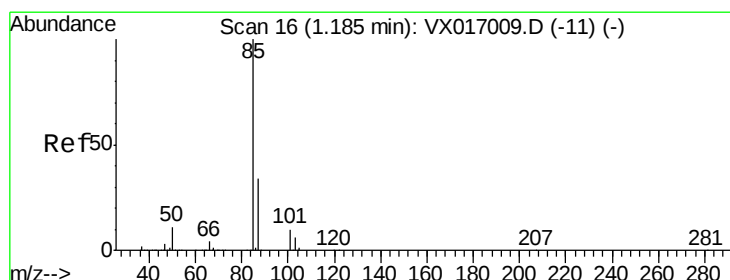
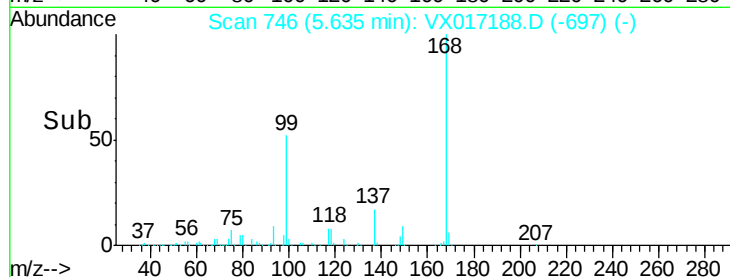
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.563 ug/l m

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017188.D

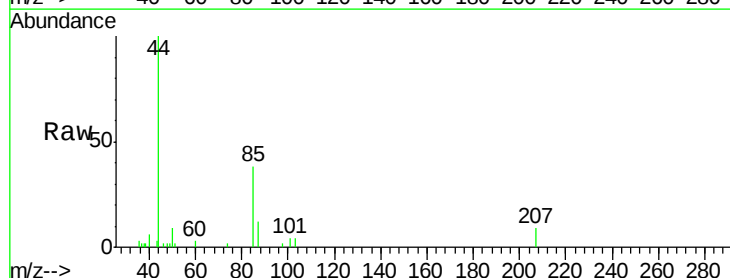
Acq: 06 Jul 2020 22:52

Tgt Ion: 85 Resp: 1509

Ion Ratio Lower Upper

85 100

87 32.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1500

1000

500

0

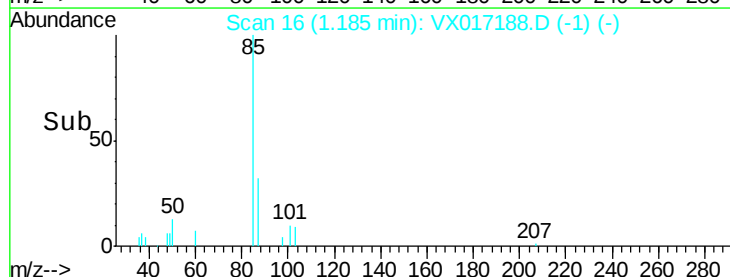
1.16

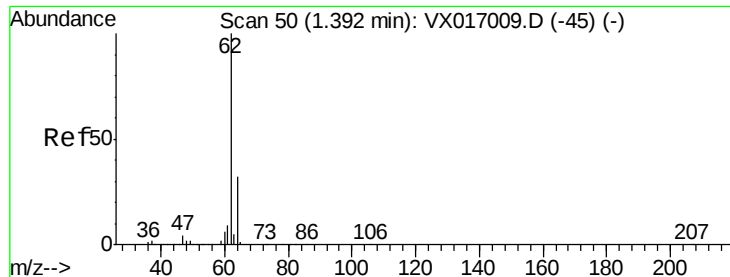
1.18

1.20

1.22

Time-->





#4

Vinyl Chloride

Concen: 10.559 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017188.D

Acq: 06 Jul 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

07BR-20200629

Tot Ion: 62 Resp: 31769

Ion Ratio Lower Upper

62 100

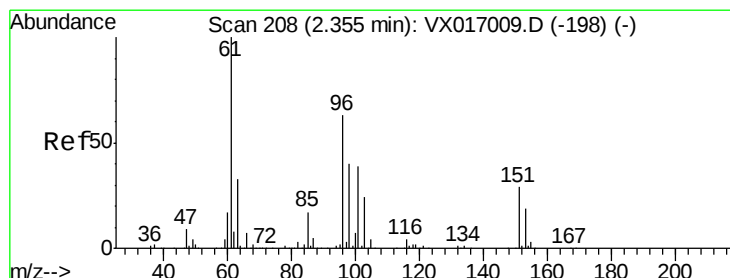
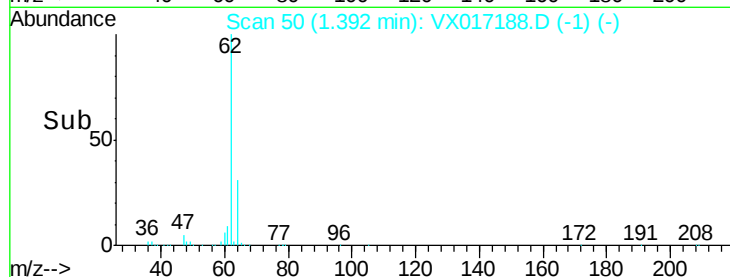
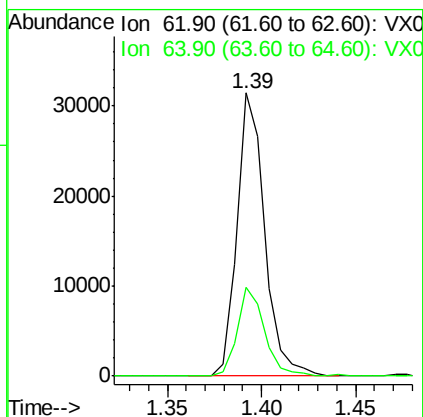
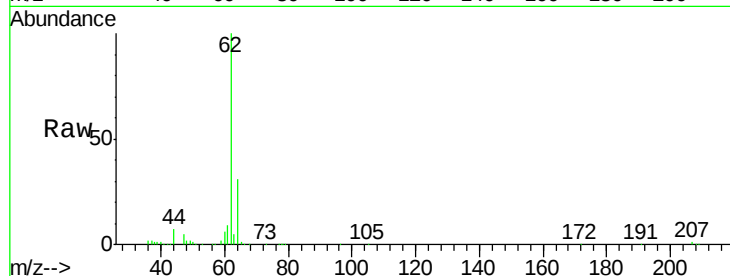
64 31.3 25.9 38.9

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 0.773 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017188.D

Acq: 06 Jul 2020 22:52

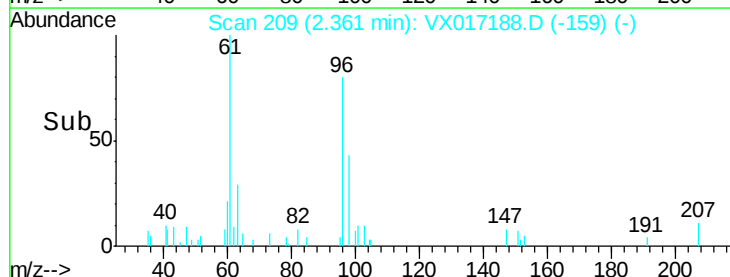
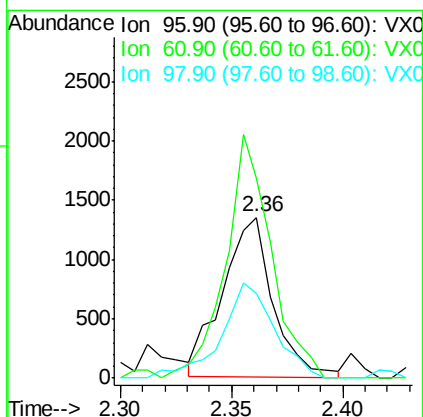
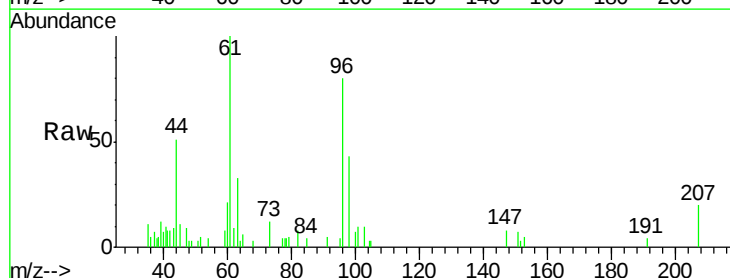
Tgt Ion: 96 Resp: 2118

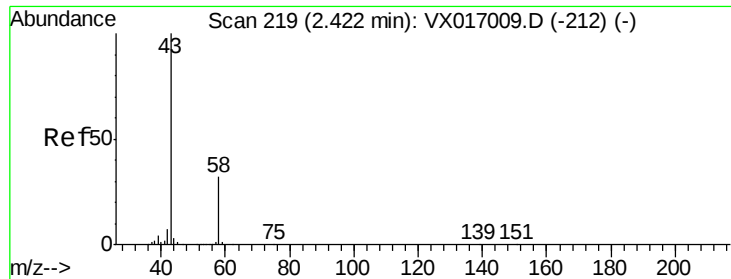
Ion Ratio Lower Upper

96 100

61 130.0 126.3 189.5

98 55.3 51.0 76.6





#16

Acetone

Concen: 2.942 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017188.D

Acq: 06 Jul 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

07BR-20200629

Tot Ion: 43 Resp: 3757

Ion Ratio Lower Upper

43 100

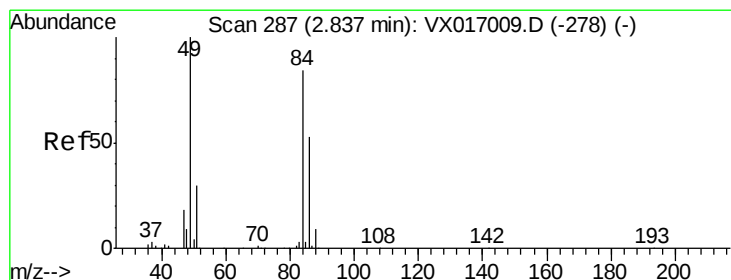
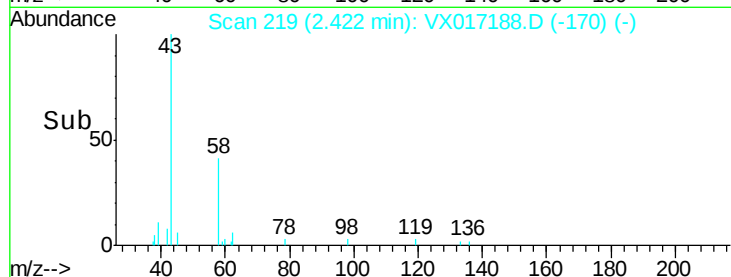
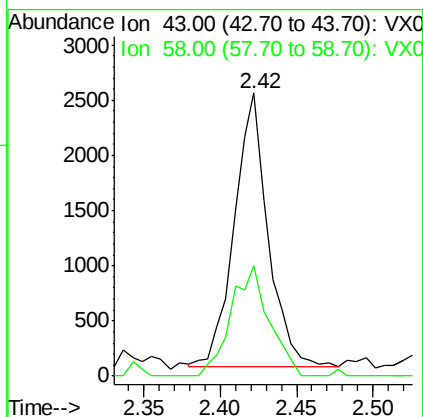
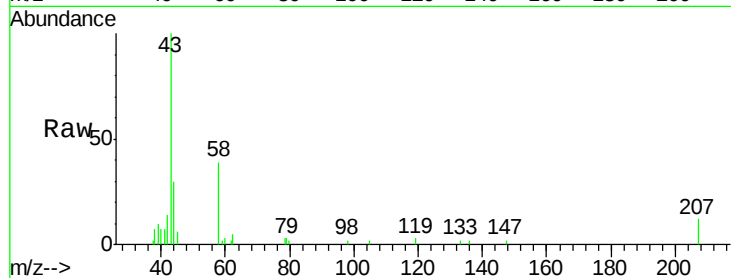
58 40.3 25.7 38.5#

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#20

Methylene Chloride

Concen: 1.344 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017188.D

Acq: 06 Jul 2020 22:52

Tgt Ion: 84 Resp: 6168

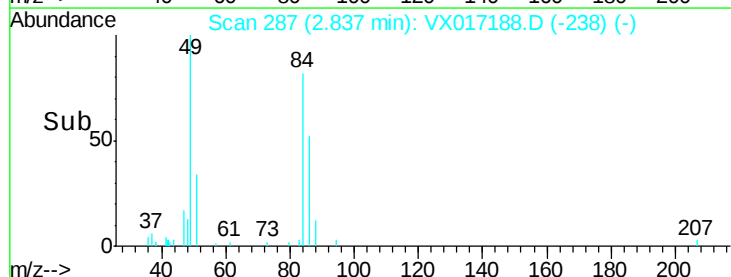
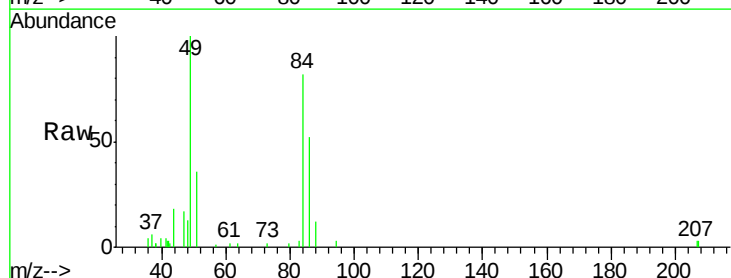
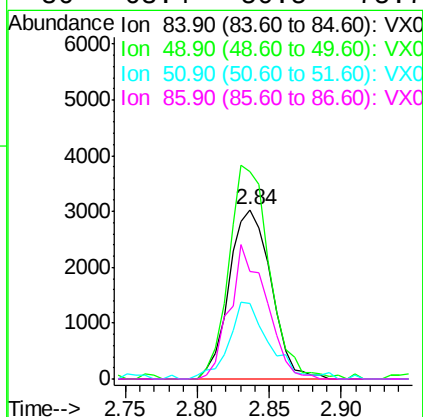
Ion Ratio Lower Upper

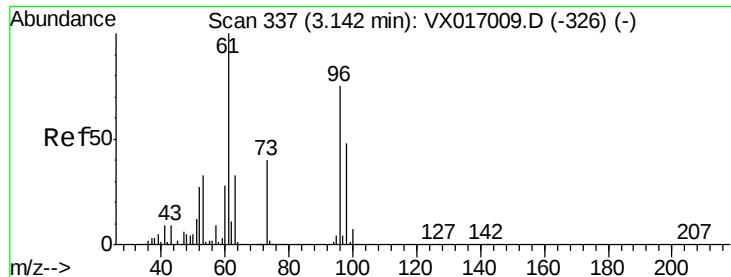
84 100

49 122.1 94.7 142.1

51 44.5 28.6 42.8#

86 63.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 2.076 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017188.D

Acq: 06 Jul 2020 22:52

Instrument :

MSVOA_X

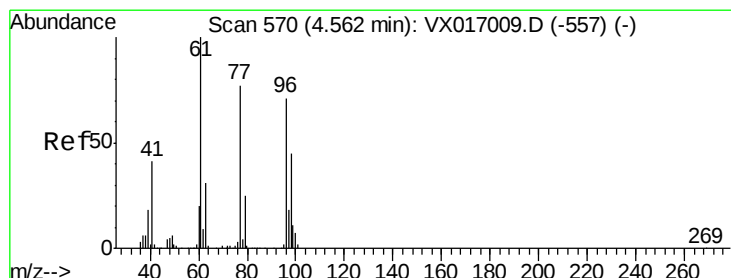
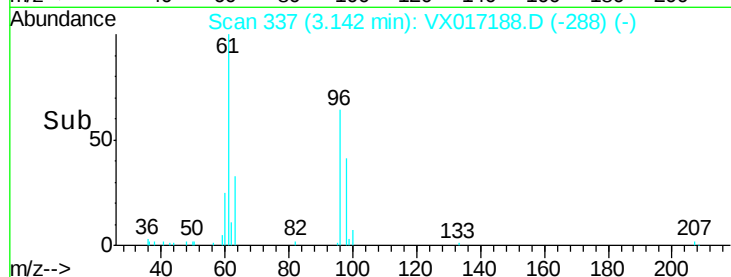
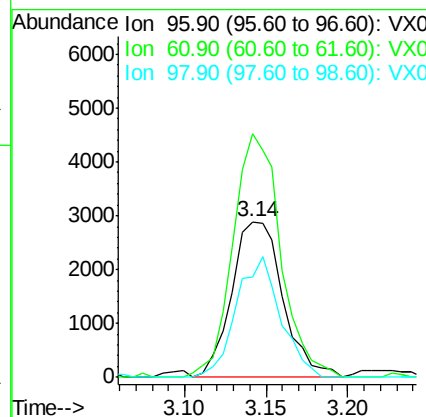
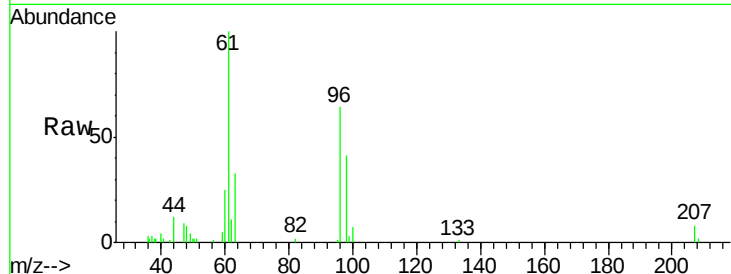
ClientSampleId :

07BR-20200629

Tot Ion:	96	Resp:	6313
Ion	Ratio	Lower	Upper
96	100		
61	156.8	107.0	160.6
98	64.6	51.6	77.4

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#27

cis-1,2-Dichloroethene

Concen: 186.959 ug/l

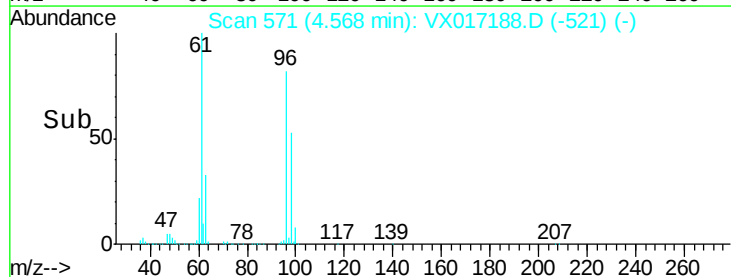
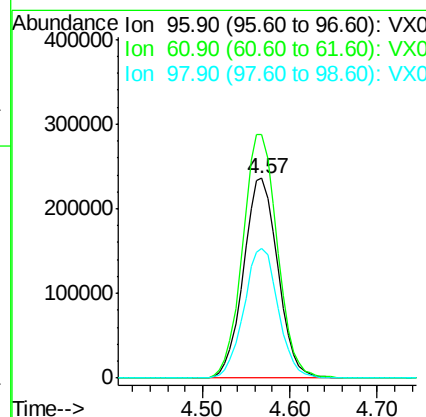
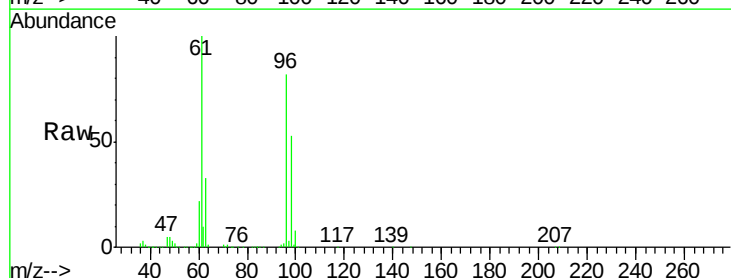
RT: 4.57 min Scan# 571

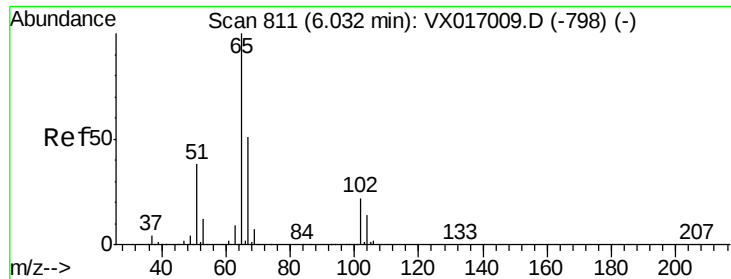
Delta R.T. 0.01 min

Lab File: VX017188.D

Acq: 06 Jul 2020 22:52

Tgt Ion:	96	Resp:	644088
Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	282.8
98	65.1	0.0	127.6





#33

1,2-Dichloroethane-d4

Concen: 51.233 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017188.D

Acq: 06 Jul 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

07BR-20200629

Tot Ion: 65 Resp: 174908

Ion Ratio Lower Upper

65 100

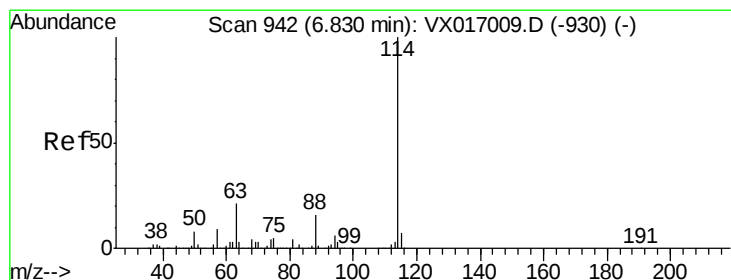
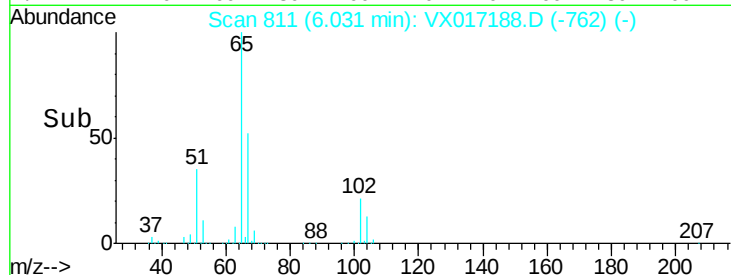
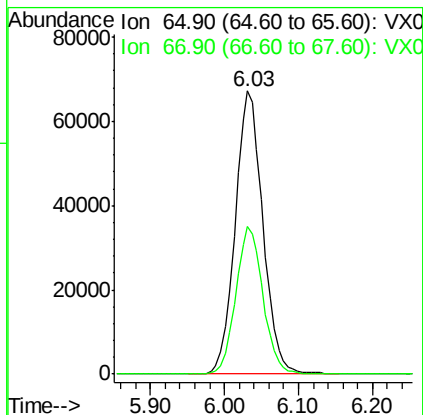
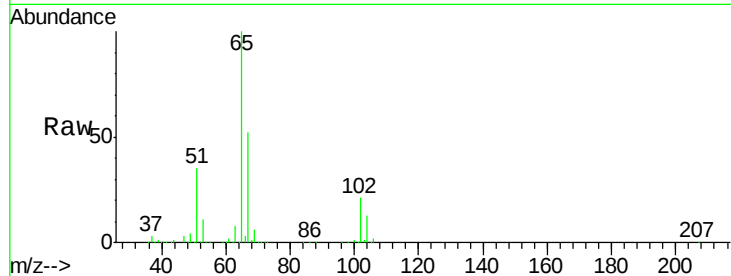
67 51.2 0.0 103.8

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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: VX017188.D

Acq: 06 Jul 2020 22:52

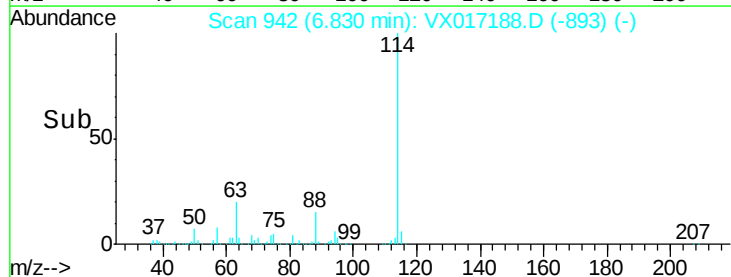
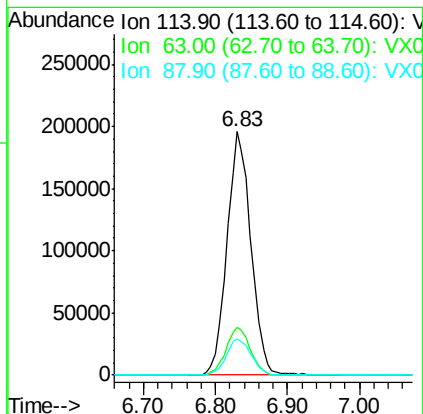
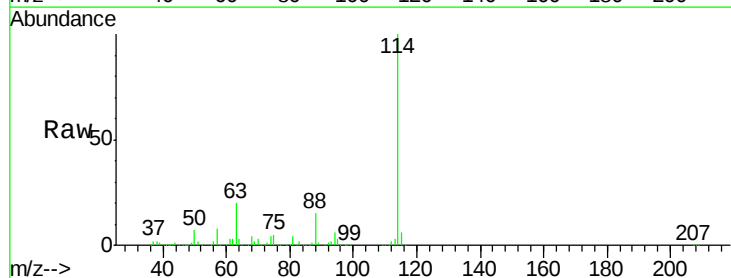
Tgt Ion: 114 Resp: 452406

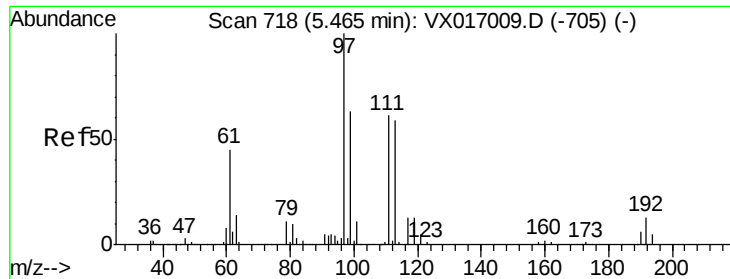
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

88 15.1 0.0 32.4





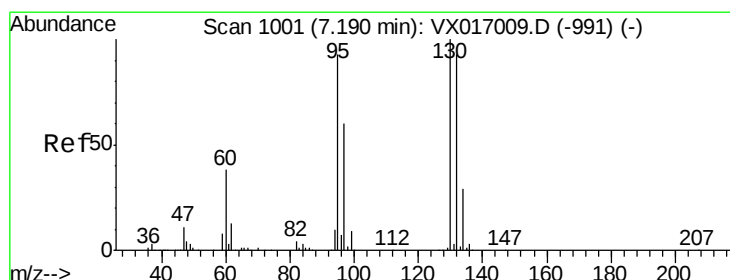
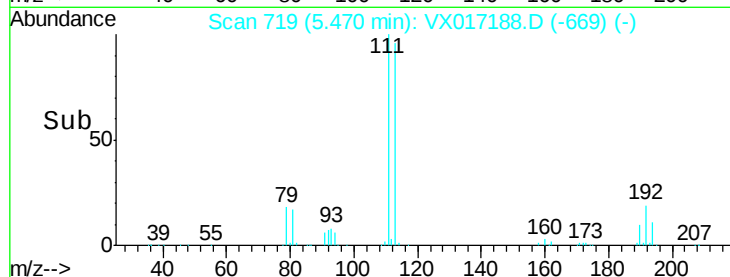
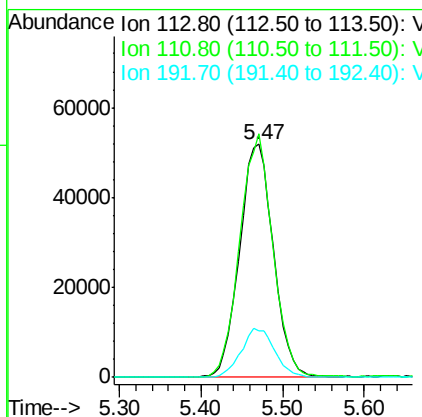
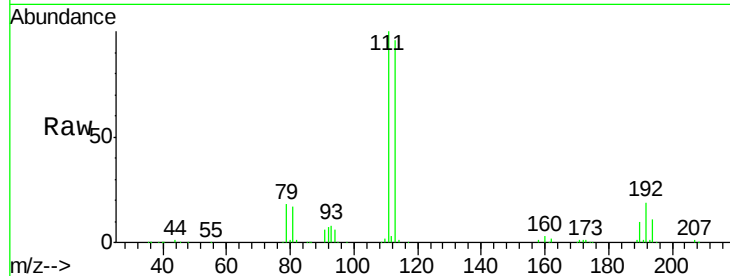
#35
Dibromofluoromethane
Concen: 52.362 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149849		
111	101.9	81.9	122.9	
192	20.7	16.7	25.1	

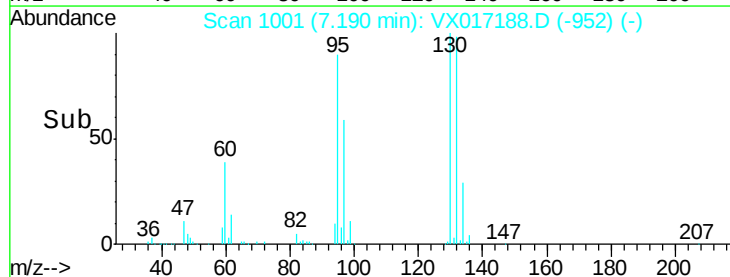
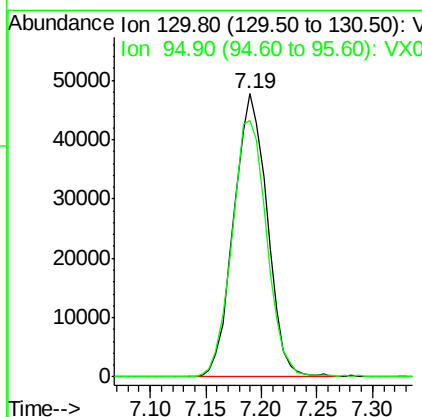
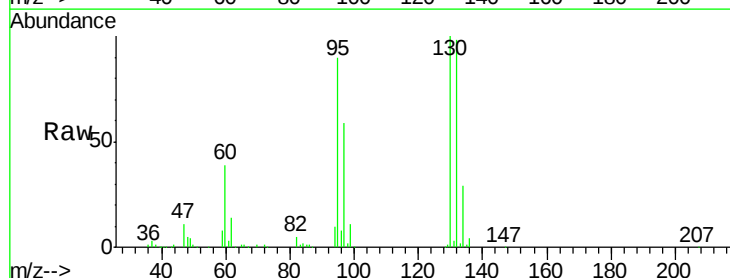
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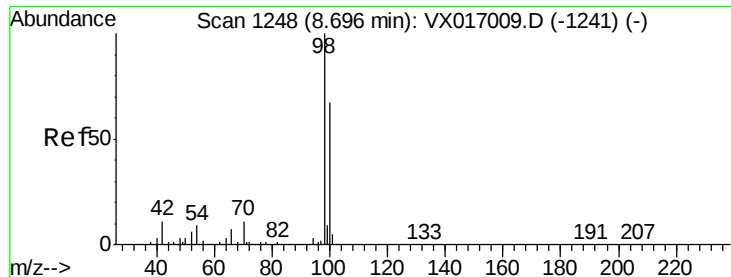
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#44
Trichloroethene
Concen: 28.645 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	99762		
95	90.4	0.0	185.0	





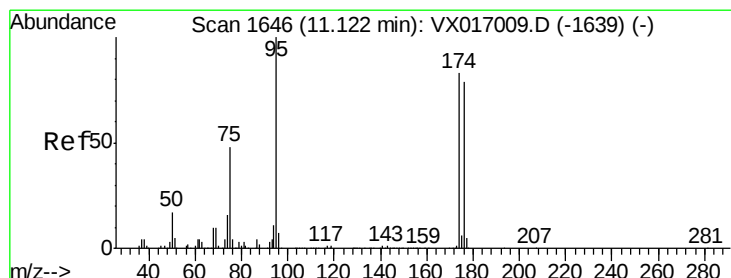
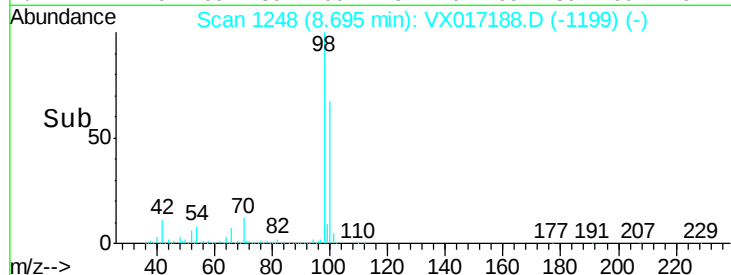
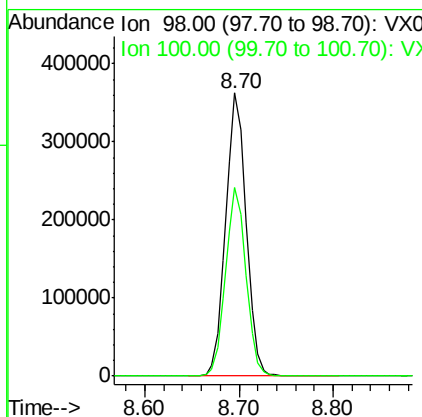
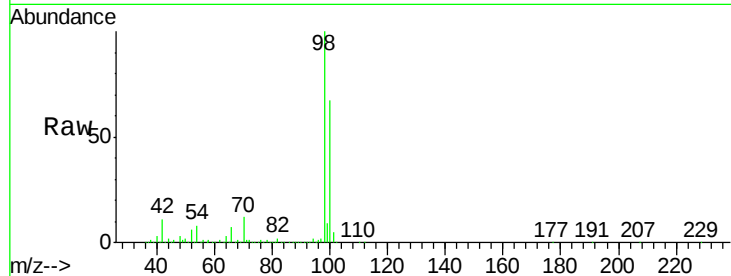
#50
Toluene-d8
Concen: 51.786 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		548018		
100	66.3	53.8	80.6		

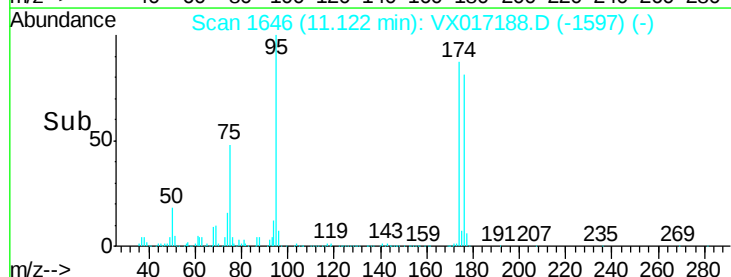
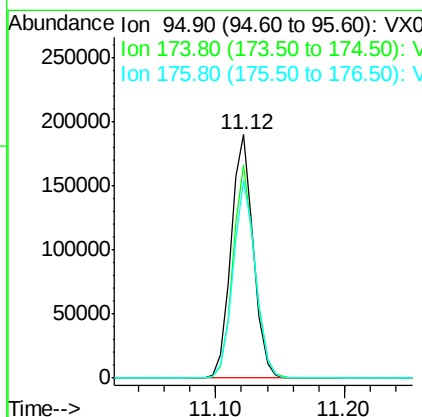
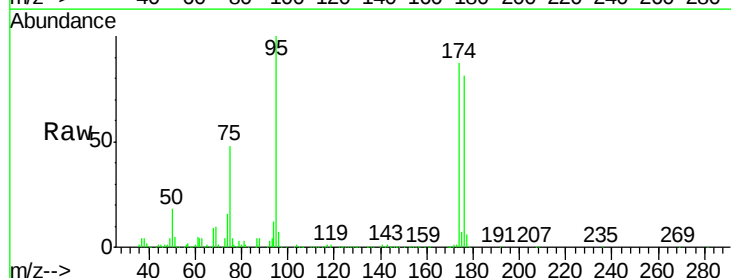
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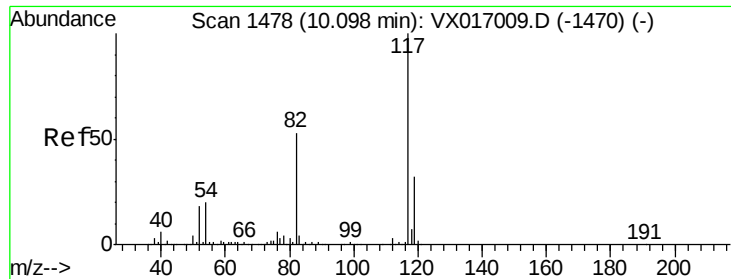
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#62
4-Bromofluorobenzene
Concen: 55.656 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		230236		
174	85.3	0.0	164.0		
176	80.9	0.0	157.6		





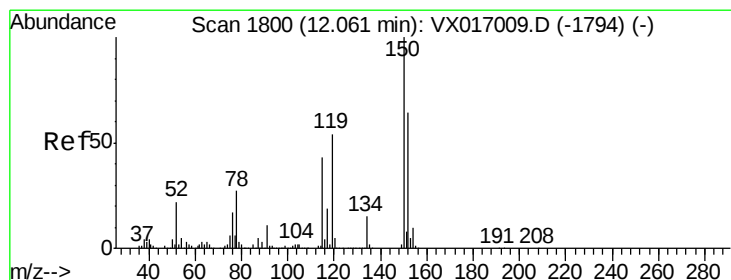
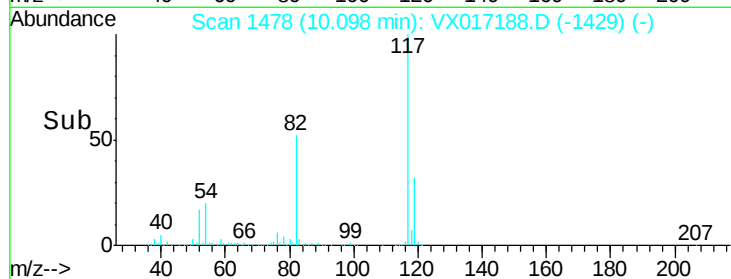
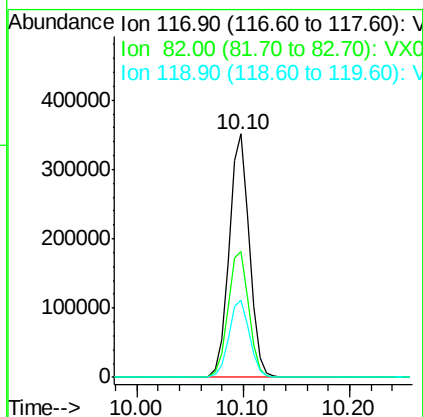
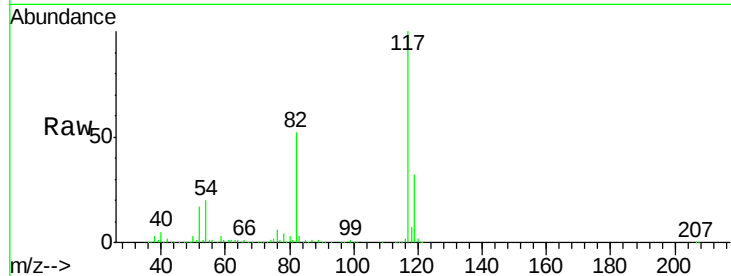
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tot Ion	Ratio	Resp	Lower	Upper
117	100	466766		
82	51.6	42.6	63.8	
119	31.7	25.4	38.2	

Manual Integrations
APPROVED

MMDadoda
7/7/2020 12:24:46 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	264810		
115	56.4	40.9	122.7	
150	151.6	0.0	351.6	

