

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017750.D
 Acq On : 03 Aug 2020 16:54
 Operator : JC/SP
 Sample : L3526-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-298-300

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 9:51:29 AM

Quant Time: Aug 04 11:54:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	591629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	874116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	789640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	408117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	383466	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
35) Dibromofluoromethane	5.47	113	296490	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	8.70	98	997103	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.12	95	378460	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
Target Compounds						
16) Acetone	2.42	43	14012	4.189	ug/l	92
19) Methyl tert-butyl Ether	3.17	73	4459	0.211	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	96745	13.606	ug/l	88
30) Chloroform	5.18	83	3885m	0.324	ug/l	
44) Trichloroethene	7.19	130	878788	125.110	ug/l	95
64) Tetrachloroethene	9.32	164	76064	10.733	ug/l	98

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

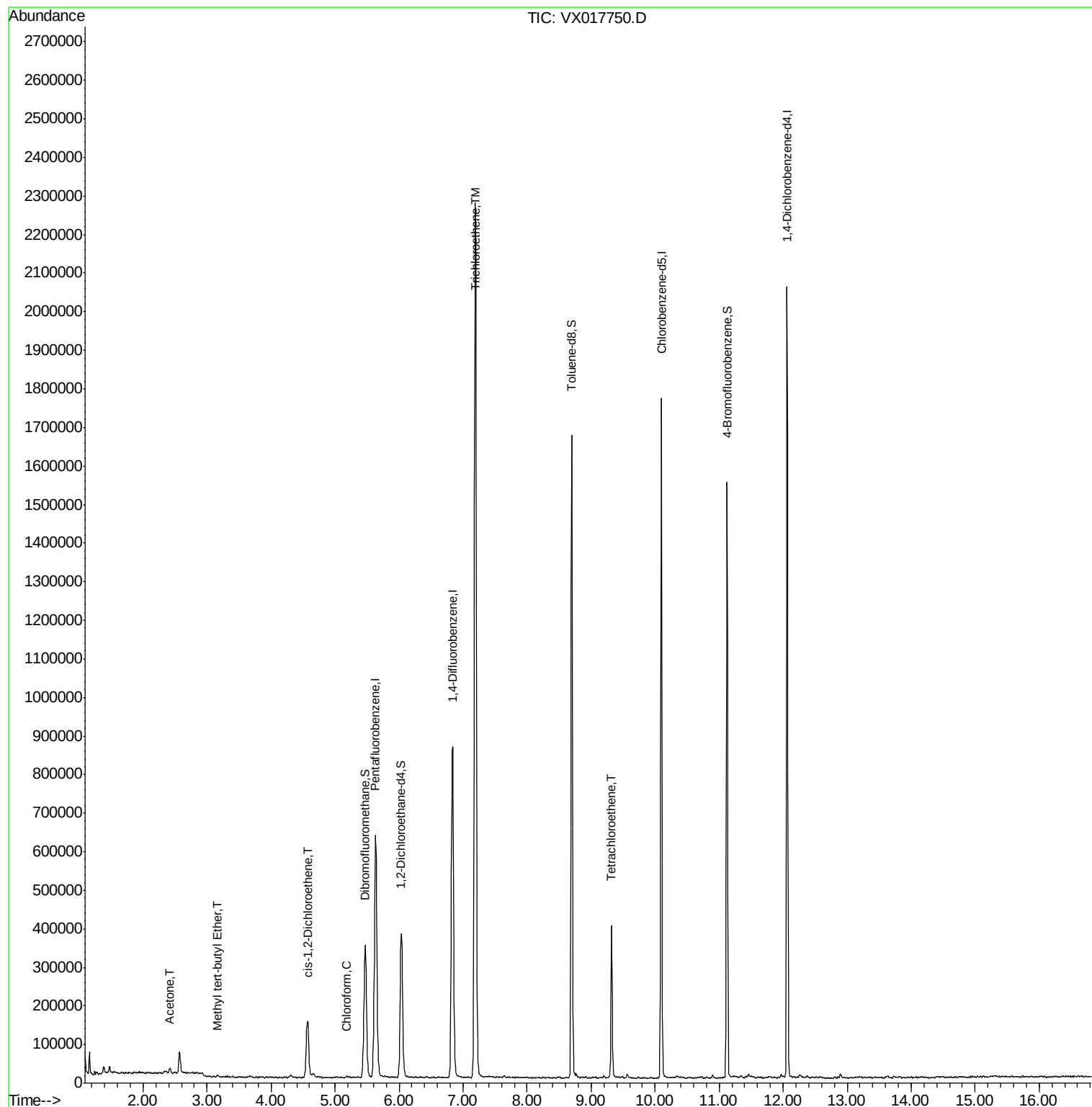
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080320\
Data File : VX017750.D
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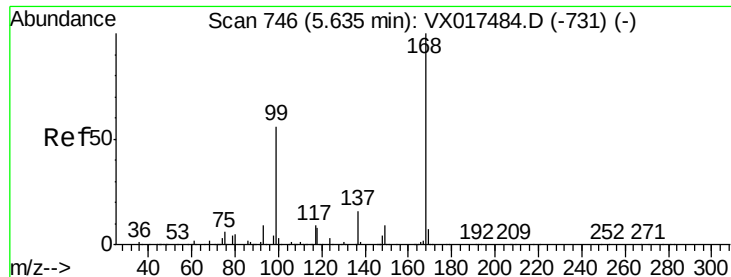
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-298-300

Manual Integrations
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8/4/2020 9:51:29 AM

Quant Time: Aug 04 11:54:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

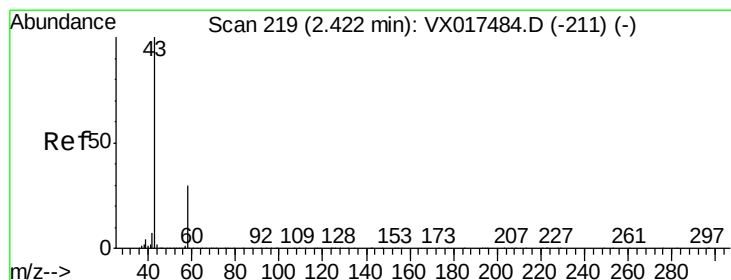
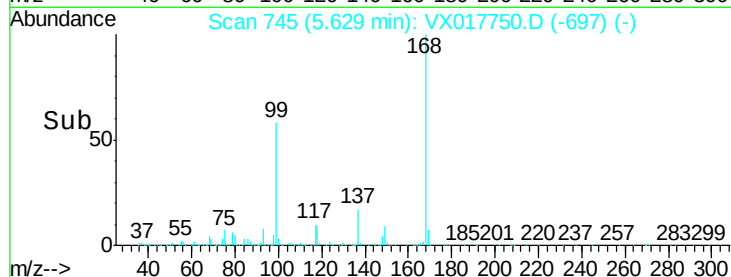
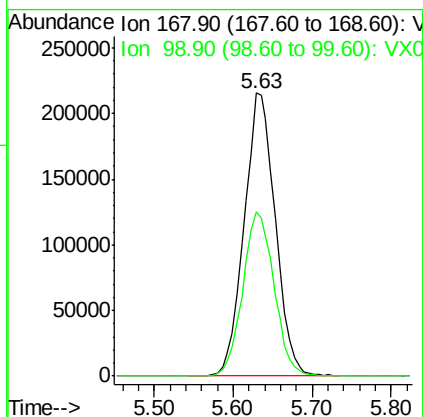
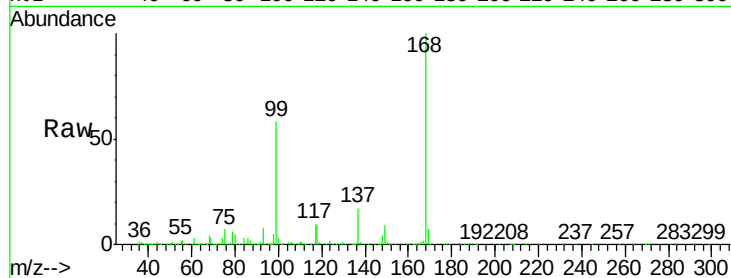
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX017750.D
 Acq: 03 Aug 2020 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-298-300

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.9	43.4	65.2

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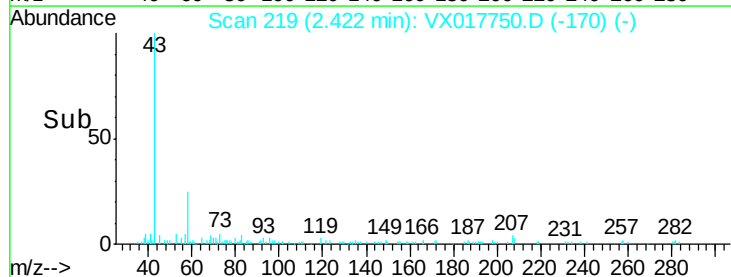
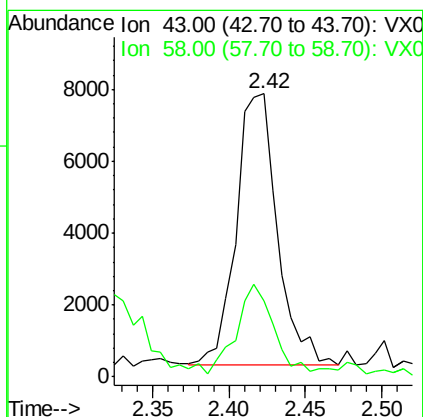
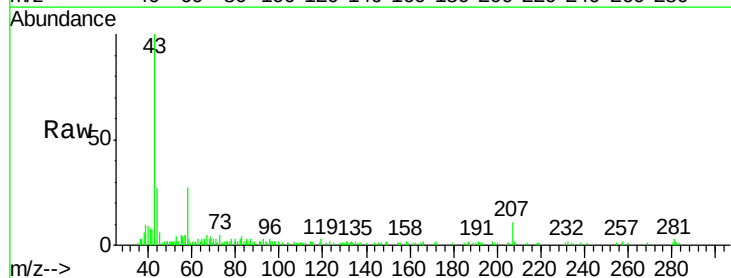
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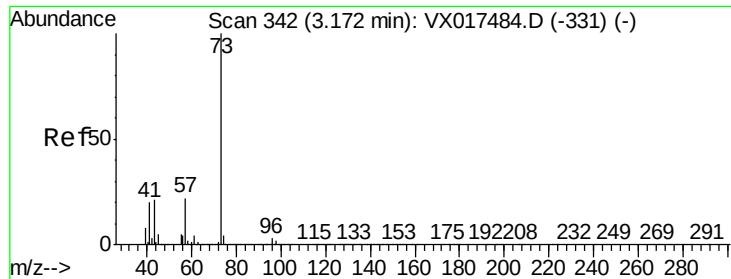


#16

Acetone
 Concen: 4.189 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX017750.D
 Acq: 03 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.9	24.2	36.4





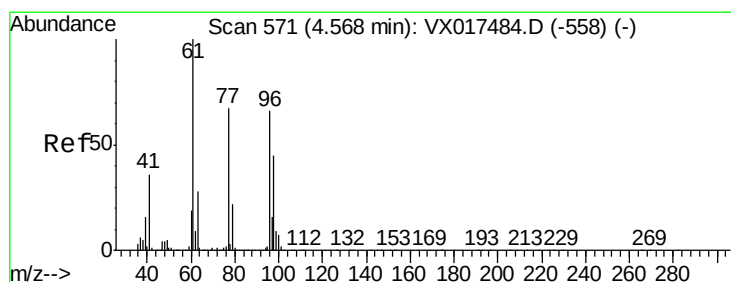
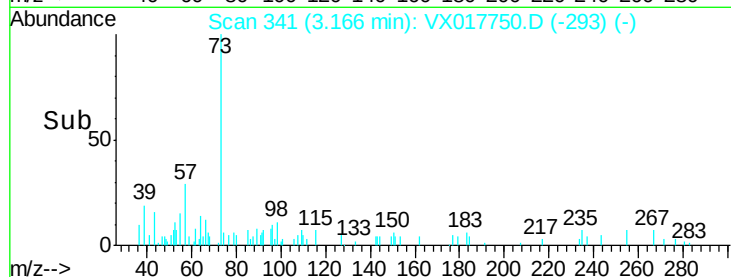
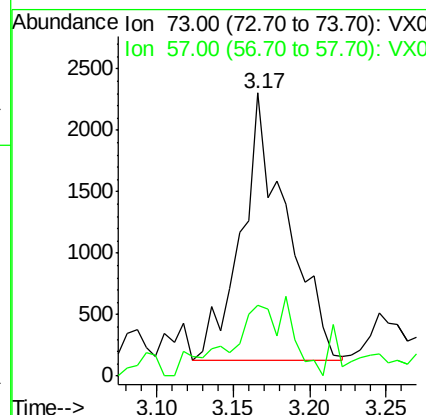
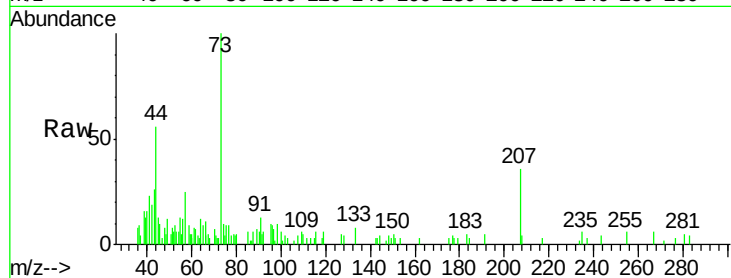
#19
Methyl tert-butyl Ether
Concen: 0.211 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017750.D
Acq: 03 Aug 2020 16:54

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-298-300

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.0	25.4

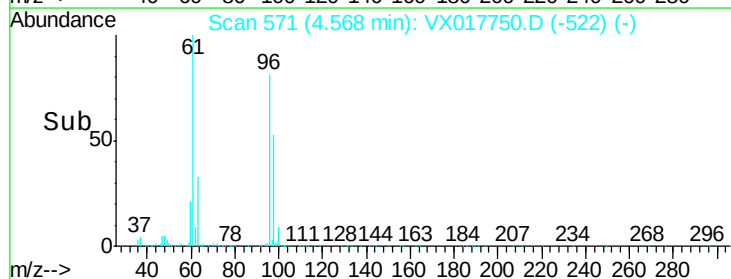
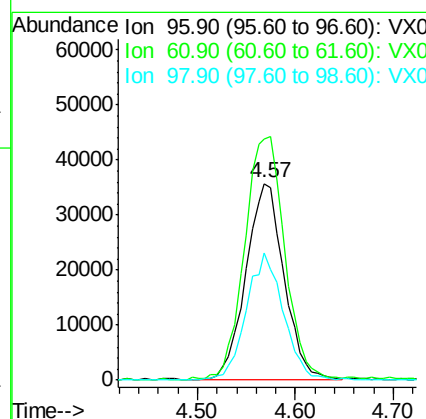
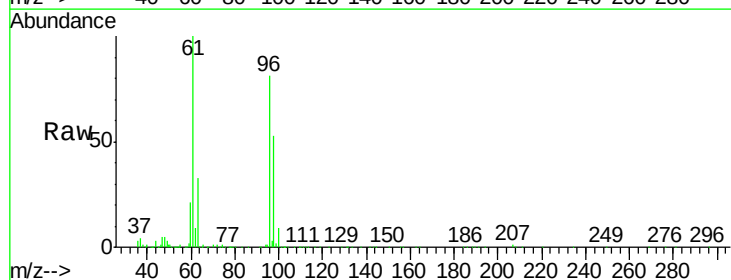
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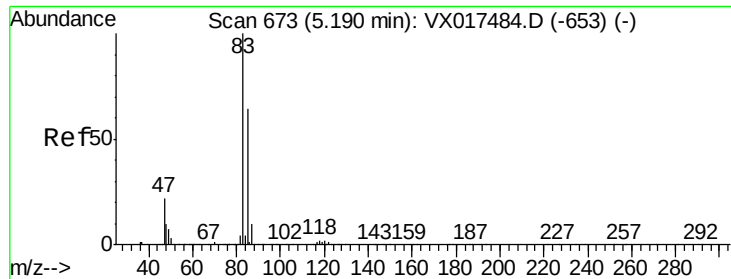
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#27
cis-1,2-Dichloroethene
Concen: 13.606 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017750.D
Acq: 03 Aug 2020 16:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	301.2
98	62.6	0.0	130.0





#30

Chloroform

Concen: 0.324 ug/l m

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017750.D

Acq: 03 Aug 2020 16:54

Tot Ion: 83 Resp: 3885

Ion Ratio Lower Upper

83 100

85 61.9 51.4 77.2

Instrument :

MSVOA_X

ClientSampleId :

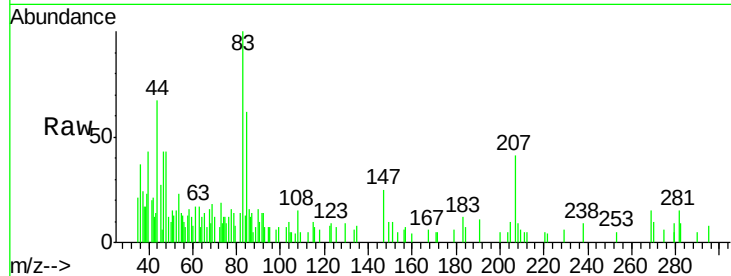
BP-VPB179-GW-298-300

Manual Integrations

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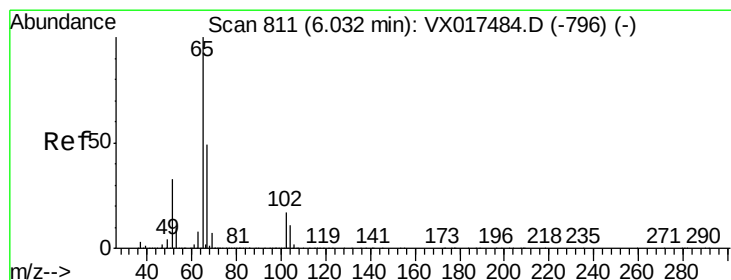
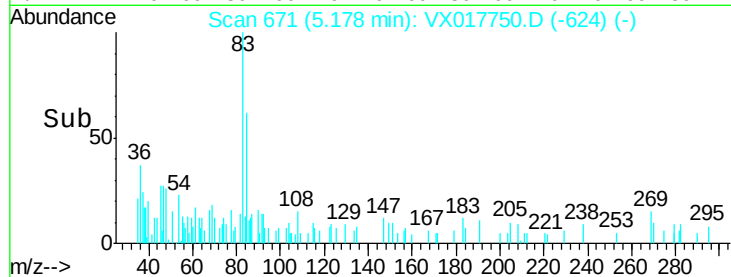
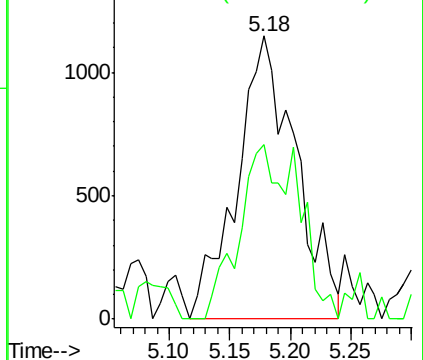
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.458 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017750.D

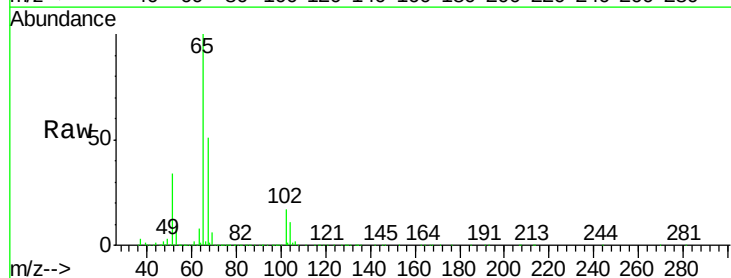
Acq: 03 Aug 2020 16:54

Tgt Ion: 65 Resp: 383466

Ion Ratio Lower Upper

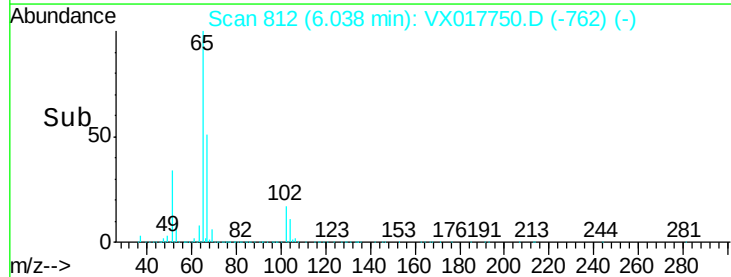
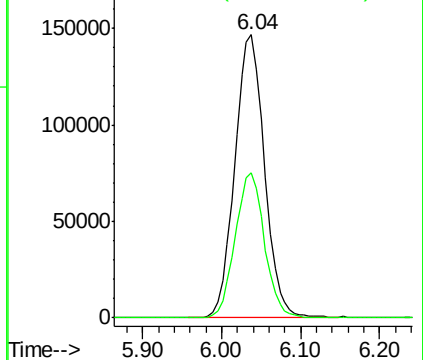
65 100

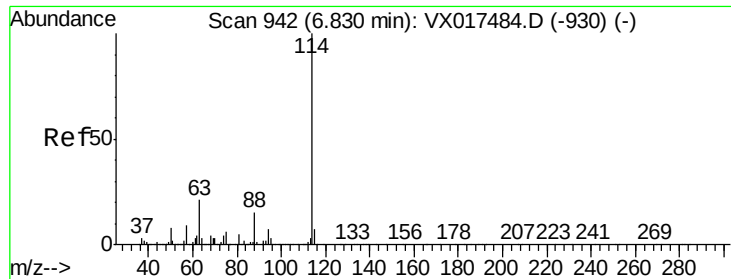
67 50.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017750.D

Acq: 03 Aug 2020 16:54

Instrument :

MSVOA_X

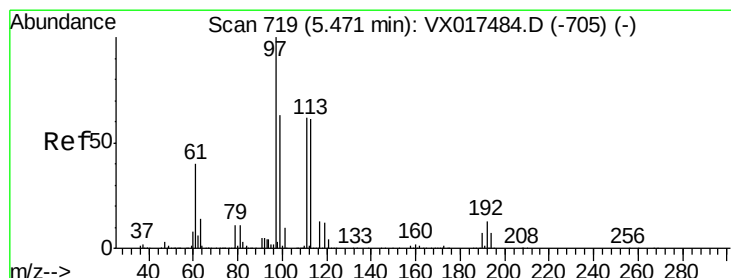
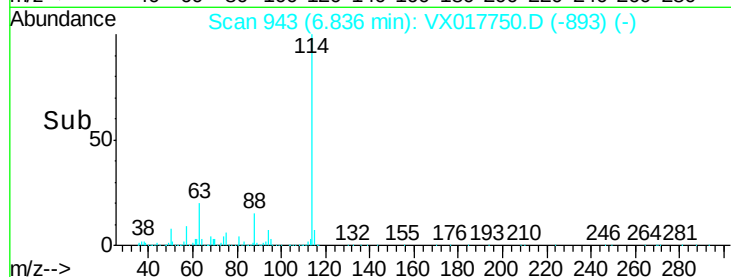
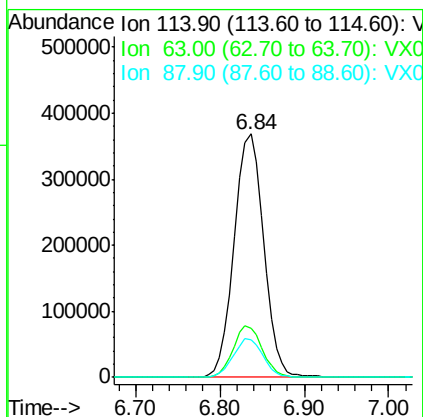
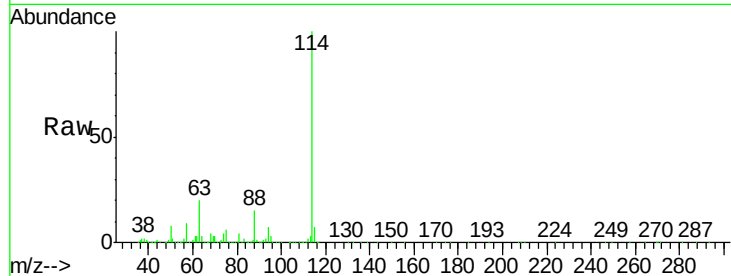
ClientSampleId :

BP-VPB179-GW-298-300

Tot Ion:	114	Resp:	874116
Ion Ratio		Lower	Upper
114	100		
63	19.8	0.0	40.6
88	15.2	0.0	33.4

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#35

Dibromofluoromethane

Concen: 50.716 ug/l

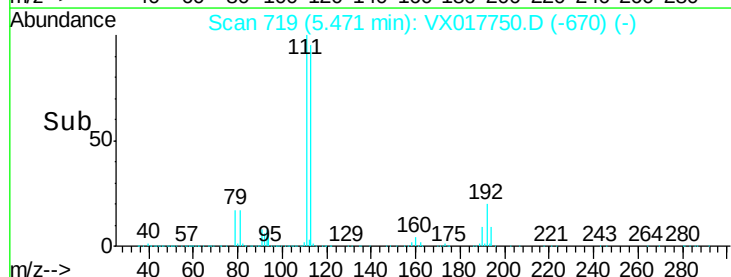
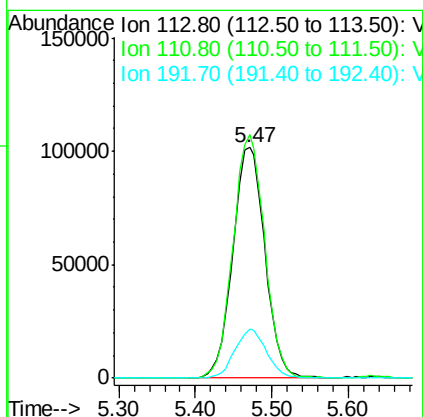
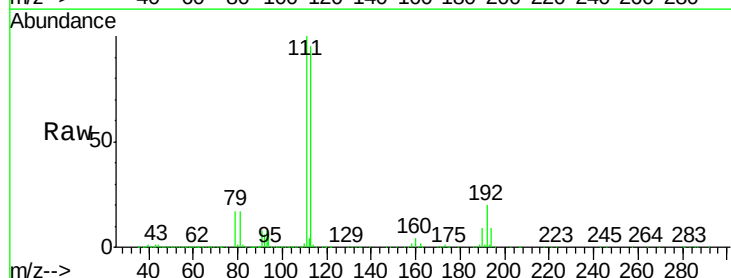
RT: 5.47 min Scan# 719

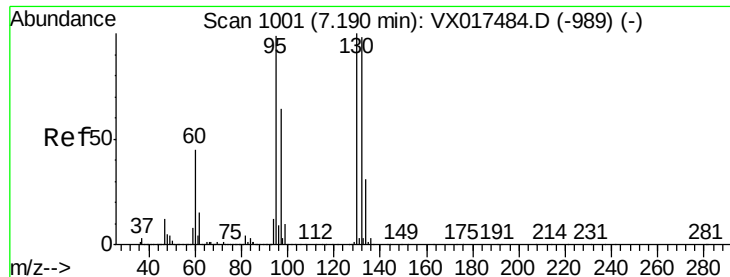
Delta R.T. 0.00 min

Lab File: VX017750.D

Acq: 03 Aug 2020 16:54

Tgt Ion:	113	Resp:	296490
Ion Ratio		Lower	Upper
113	100		
111	103.5	80.7	121.1
192	20.9	16.9	25.3





#44

Trichloroethene

Concen: 125.110 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017750.D

Acq: 03 Aug 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-298-300

Tot Ion:130 Resp: 878788

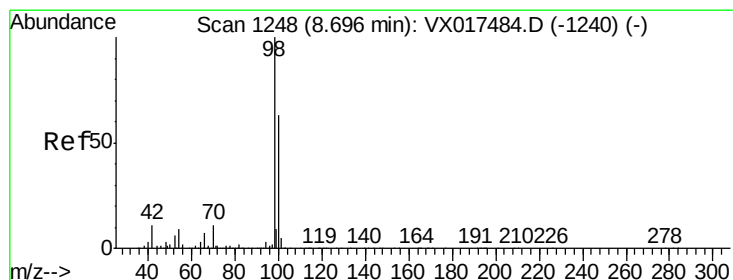
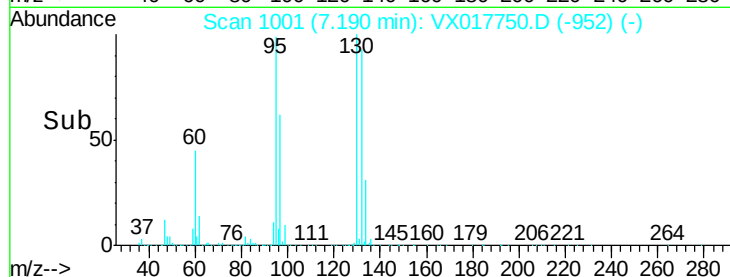
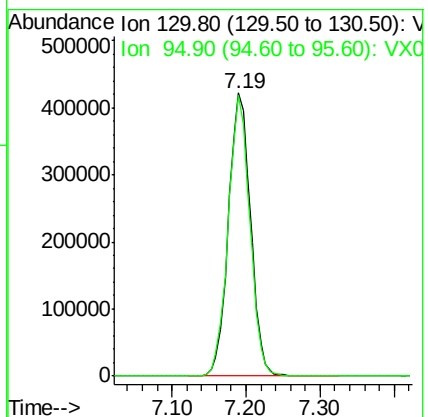
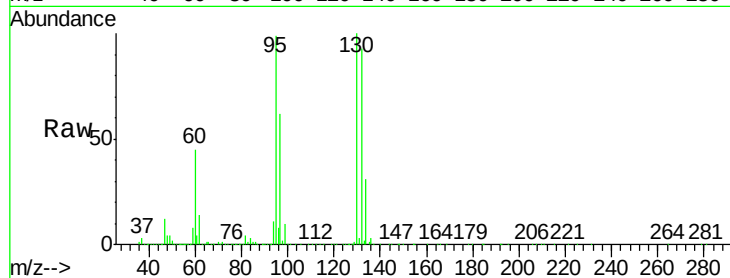
Ion Ratio Lower Upper

130 100

95 99.3 0.0 189.0

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#50

Toluene-d8

Concen: 47.279 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017750.D

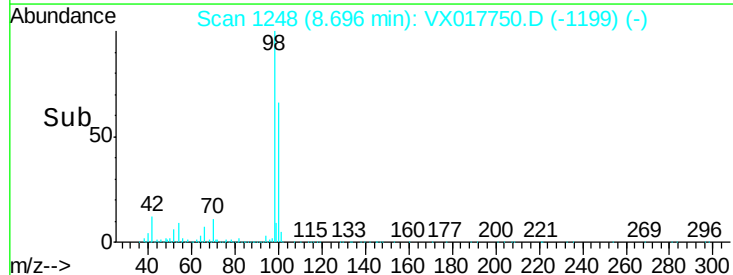
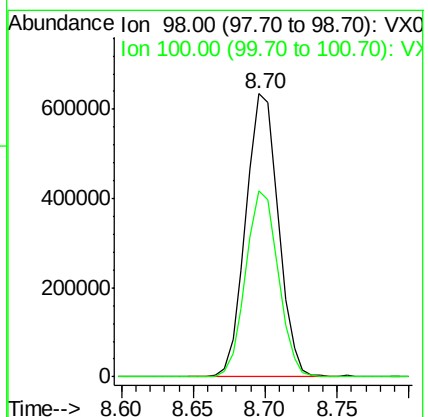
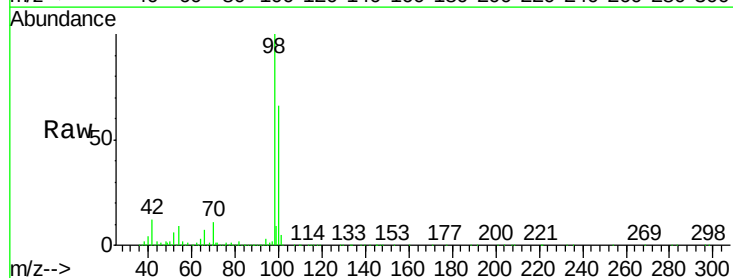
Acq: 03 Aug 2020 16:54

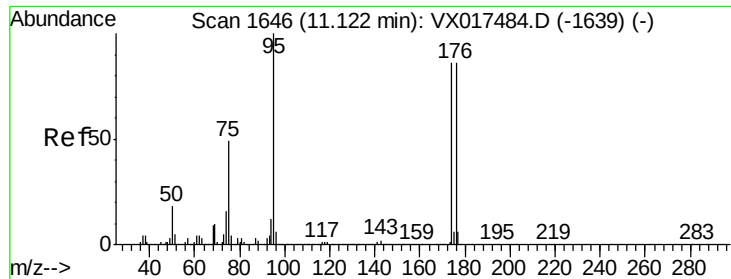
Tgt Ion: 98 Resp: 997103

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 44.840 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017750.D

Acq: 03 Aug 2020 16:54

Instrument :

MSVOA_X

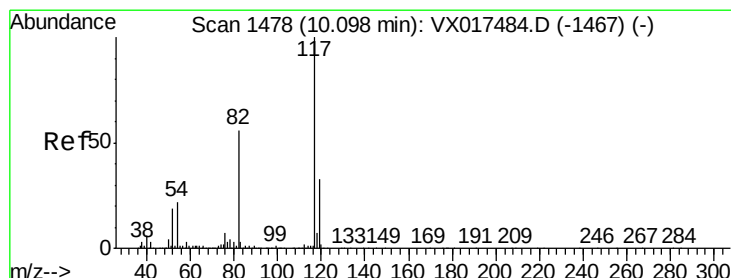
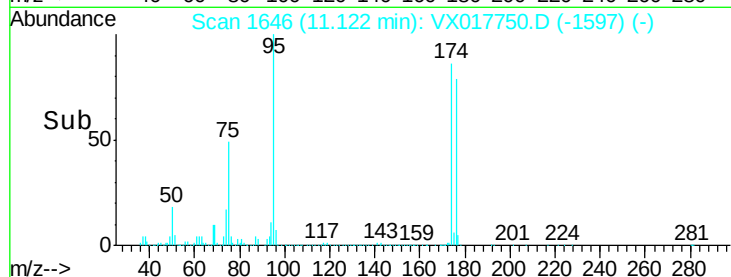
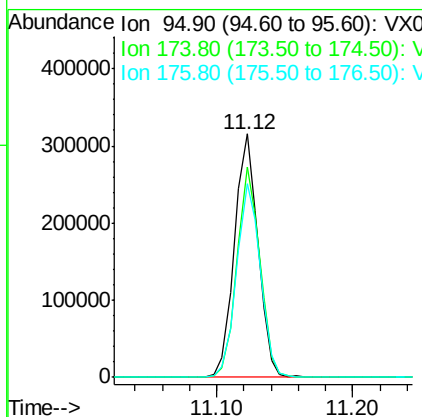
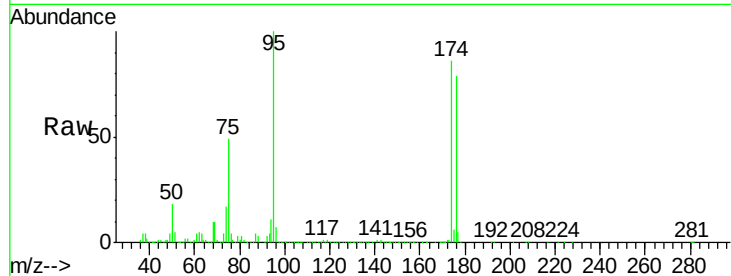
ClientSampleId :

BP-VPB179-GW-298-300

Tot Ion:	95	Resp:	378460
Ion Ratio	Lower	Upper	
95	100		
174	84.8	0.0	169.0
176	80.5	0.0	161.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

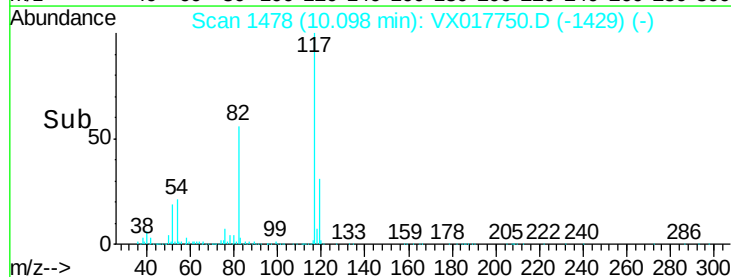
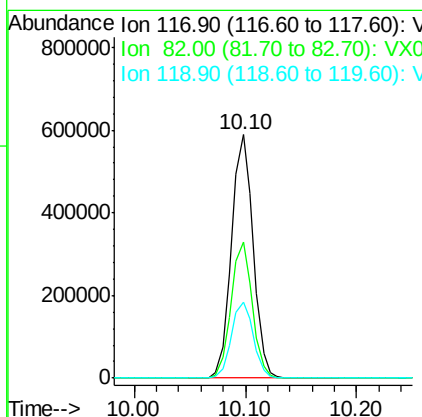
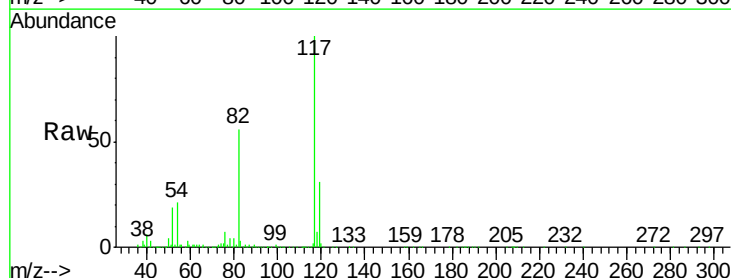
RT: 10.10 min Scan# 1478

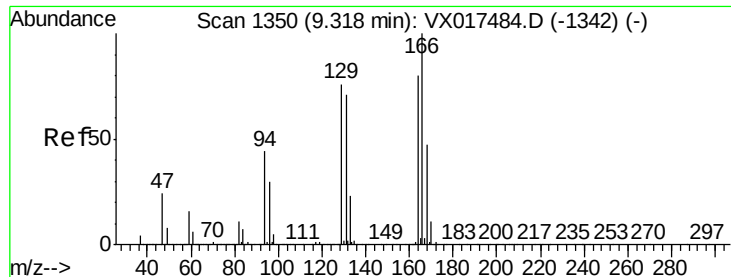
Delta R.T. 0.00 min

Lab File: VX017750.D

Acq: 03 Aug 2020 16:54

Tgt Ion:	117	Resp:	789640
Ion Ratio	Lower	Upper	
117	100		
82	56.0	44.0	66.0
119	31.3	25.4	38.0





#64

Tetrachloroethene

Concen: 10.733 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017750.D

Acq: 03 Aug 2020 16:54

Instrument :

MSVOA_X

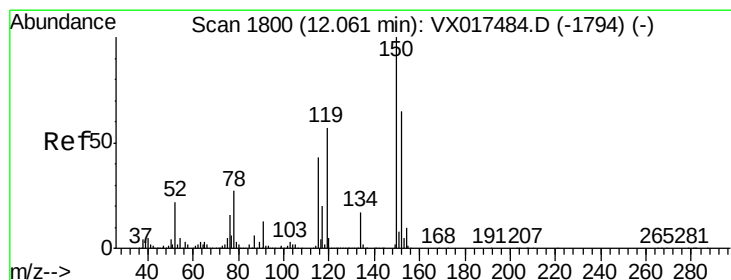
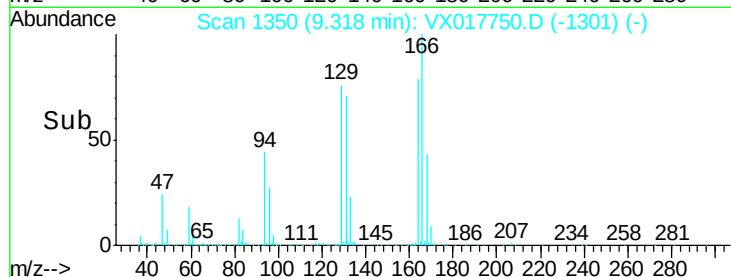
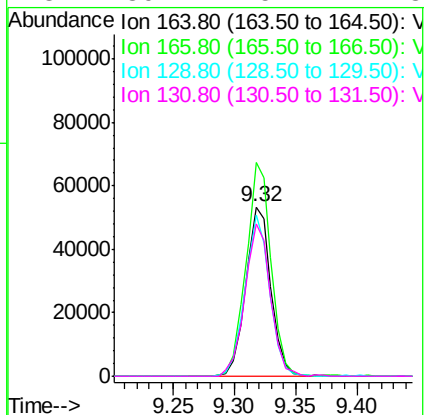
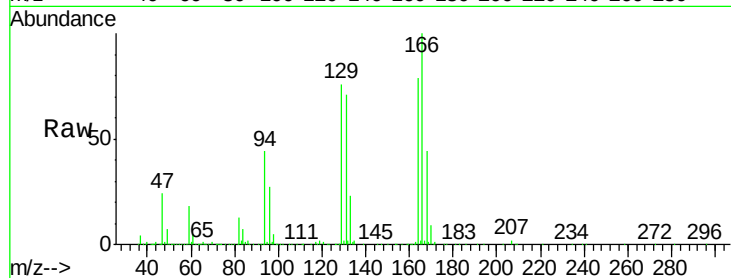
ClientSampleId :

BP-VPB179-GW-298-300

Tot Ion:	164	Resp:	76064
Ion	Ratio	Lower	Upper
164	100		
166	126.1	100.6	150.8
129	95.4	75.0	112.6
131	89.4	75.2	112.8

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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: VX017750.D

Acq: 03 Aug 2020 16:54

Tgt Ion:	152	Resp:	408117
Ion	Ratio	Lower	Upper
152	100		
115	59.2	65.5	196.6#
150	159.8	0.0	412.6

