

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017982.D
 Acq On : 19 Aug 2020 14:10
 Operator : JC/SP
 Sample : L3718-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260

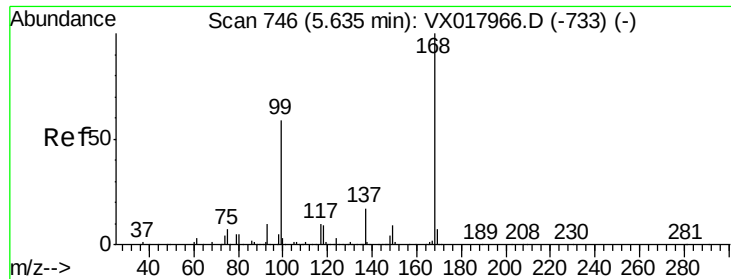
Manual Integrations
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 8/20/2020 9:16:56 AM

Quant Time: Aug 19 15:50:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	476590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	712612	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	667923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	313234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	313947	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
35) Dibromofluoromethane	5.47	113	248594	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	8.70	98	859755	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
62) 4-Bromofluorobenzene	11.12	95	313134	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	23148	8.422	ug/l	93
19) Methyl tert-butyl Ether	3.17	73	6617	0.403	ug/l	93
27) cis-1,2-Dichloroethene	4.56	96	22502	4.319	ug/l	86
40) Benzene	6.12	78	4332	0.241	ug/l	98
44) Trichloroethene	7.19	130	10145	1.904	ug/l	81
52) Toluene	8.76	92	12017	1.022	ug/l	97
64) Tetrachloroethene	9.32	164	3694	0.724	ug/l #	87
67) Ethyl Benzene	10.24	91	5238	0.240	ug/l #	84
68) m/p-Xylenes	10.34	106	6277	0.746	ug/l	88
69) o-Xylene	10.69	106	3004	0.370	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	8586	0.469	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	2266	0.223	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	2934m	0.294	ug/l	
89) n-Butylbenzene	12.37	91	3939	0.254	ug/l #	86
93) 1,2,4-Trichlorobenzene	13.63	180	2347	0.380	ug/l	86
94) Hexachlorobutadiene	13.77	225	1363	0.517	ug/l	68
95) Naphthalene	13.82	128	6492	0.333	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.00	180	2179	0.347	ug/l	84

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260

Tot Ion:168 Resp: 476590

Ion Ratio Lower Upper

168 100

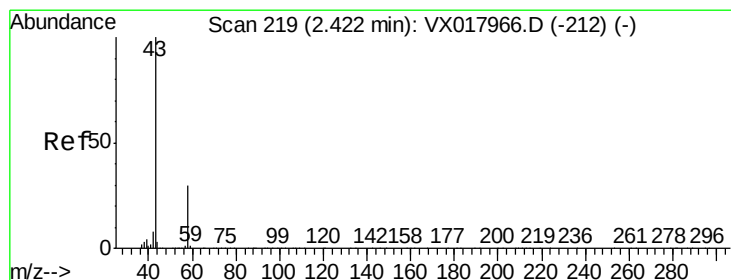
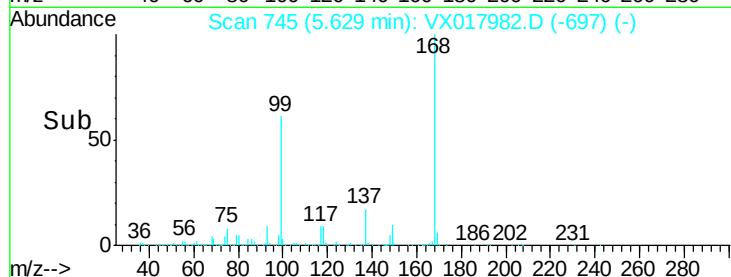
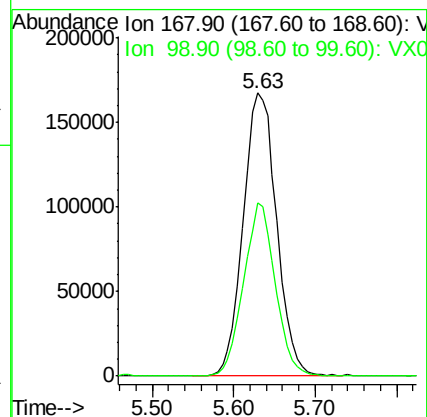
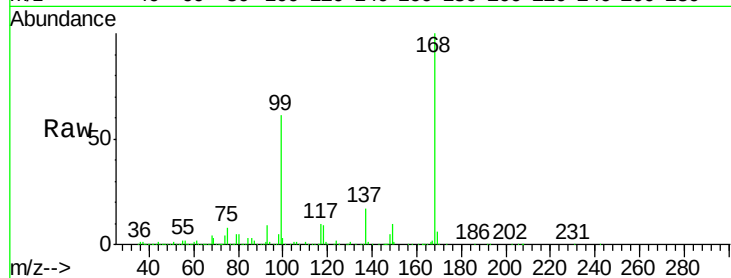
99 61.1 47.4 71.2

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#16

Acetone

Concen: 8.422 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017982.D

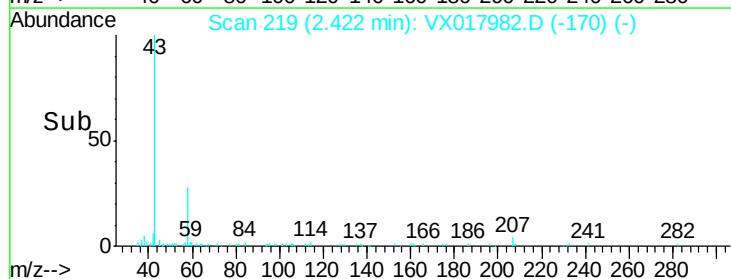
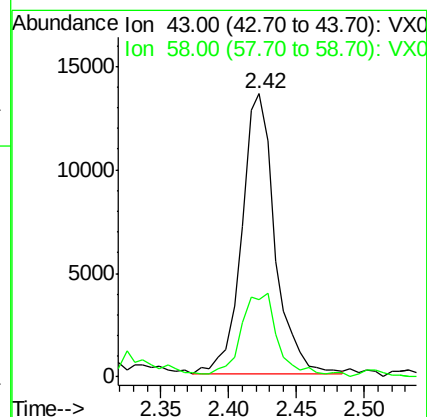
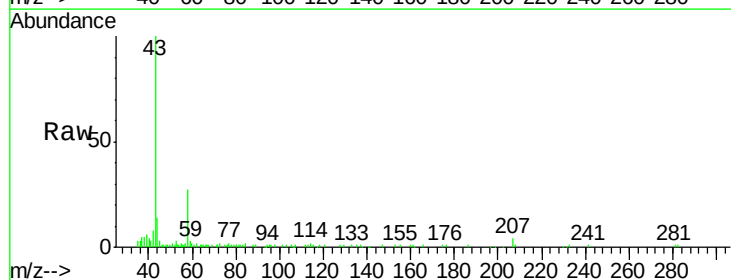
Acq: 19 Aug 2020 14:10

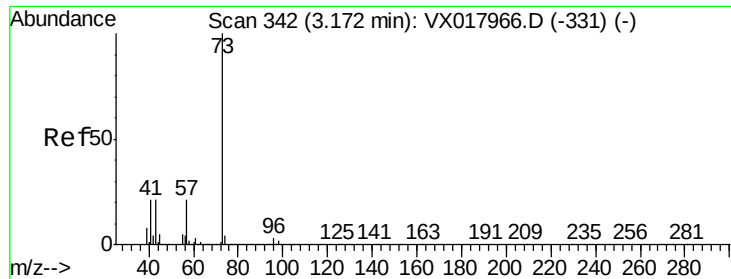
Tgt Ion: 43 Resp: 23148

Ion Ratio Lower Upper

43 100

58 26.2 23.8 35.8





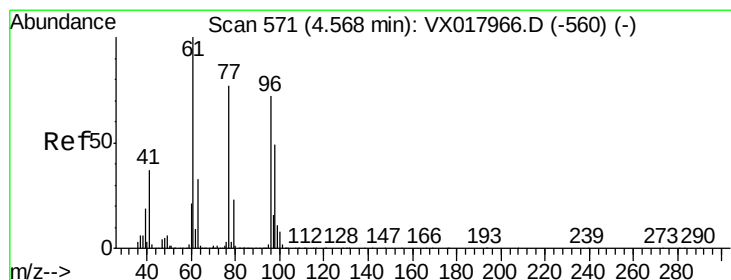
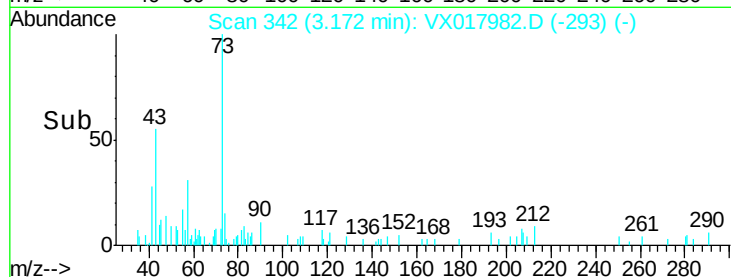
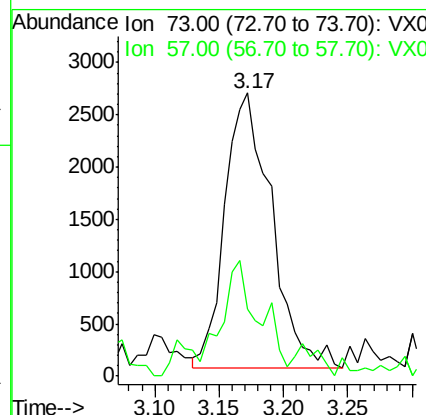
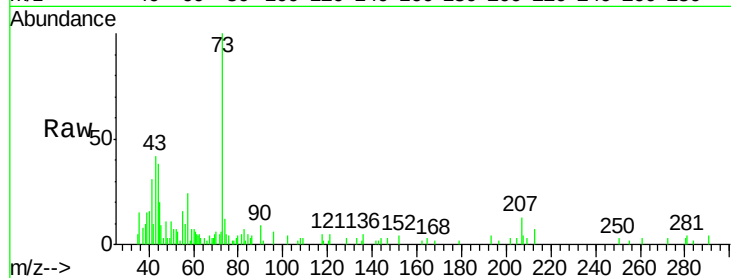
#19
Methyl tert-butyl Ether
Concen: 0.403 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.8	16.9	25.3

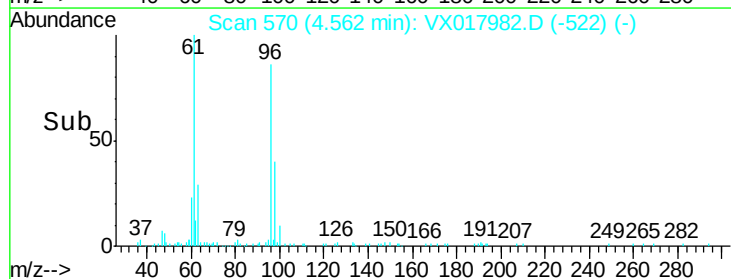
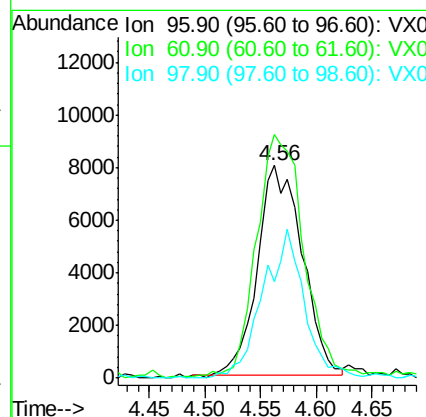
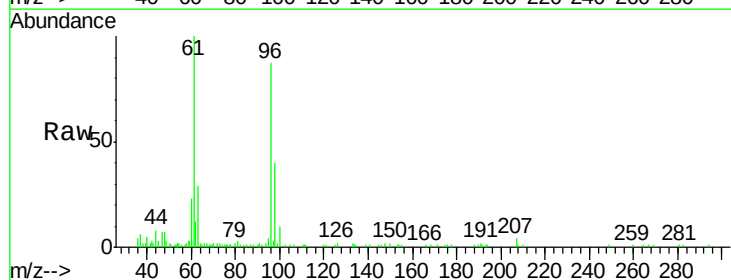
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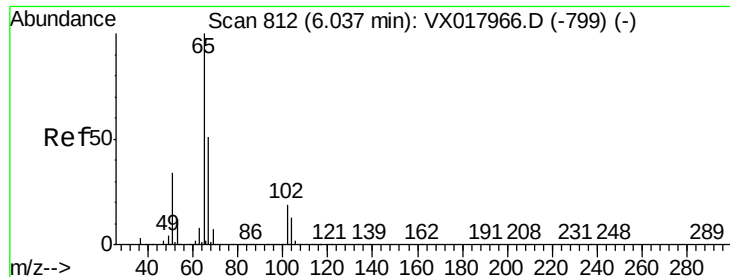
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#27
cis-1,2-Dichloroethene
Concen: 4.319 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.1	0.0	298.8
98	64.5	0.0	130.2





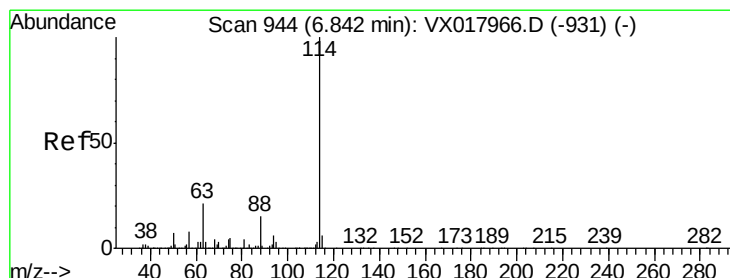
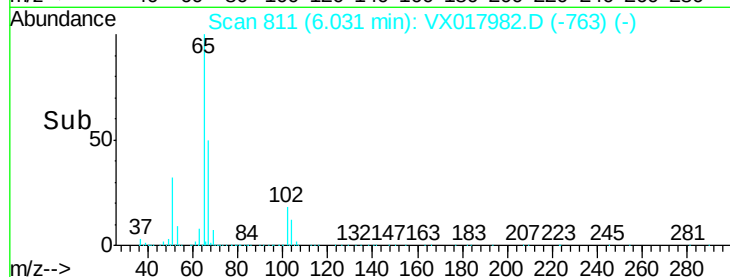
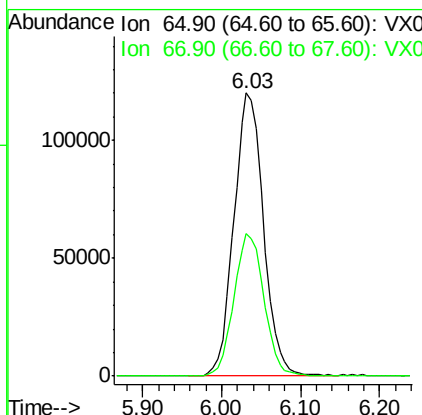
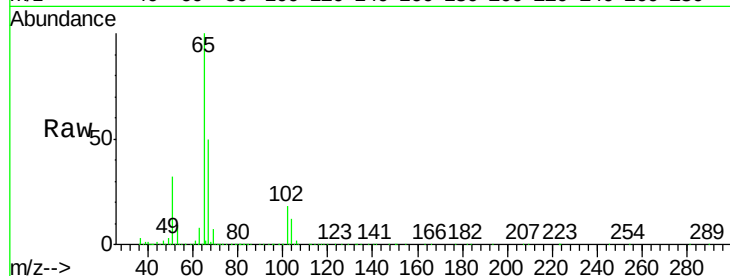
#33
 1,2-Dichloroethane-d4
 Concen: 44.936 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260

Tot Ion	Ratio	Resp	Lower	Upper
65	100	313947		
67	51.0	0.0	103.0	

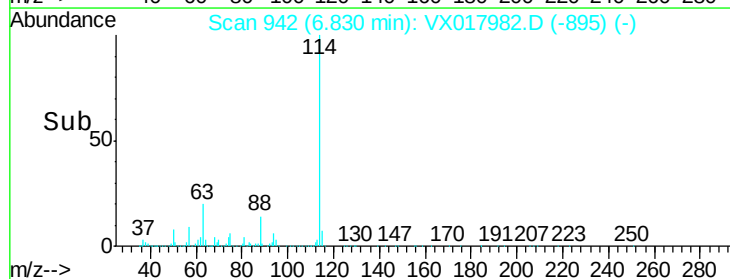
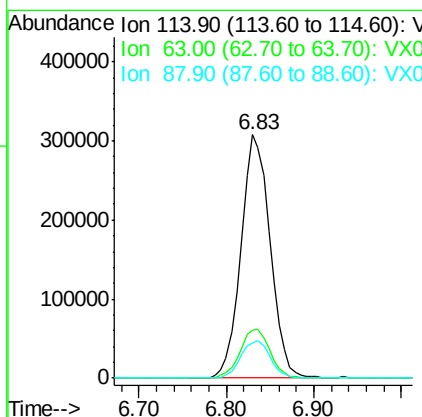
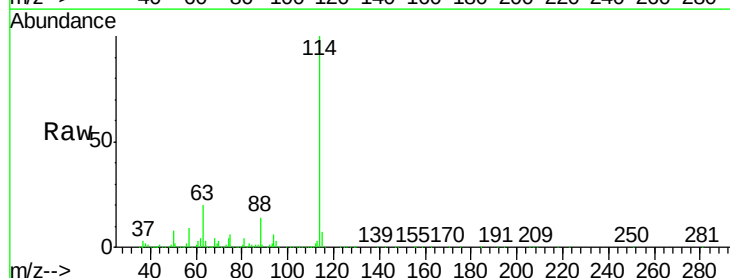
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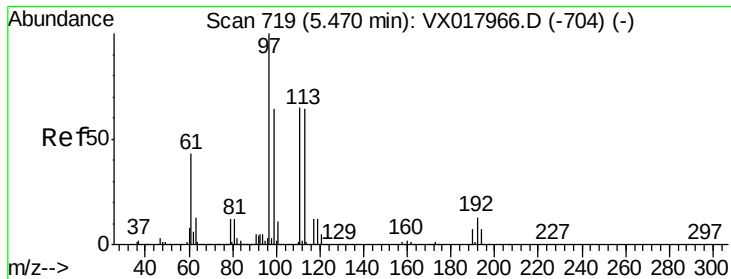
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	712612		
63	19.7	0.0	42.6	
88	14.2	0.0	30.2	





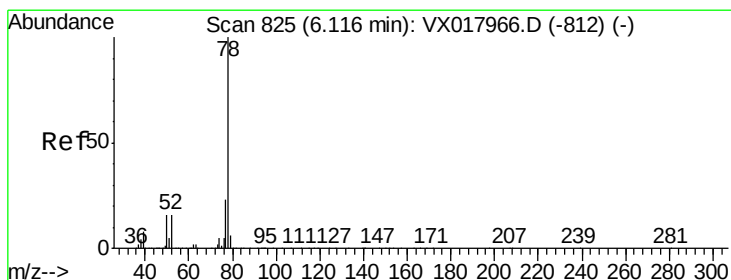
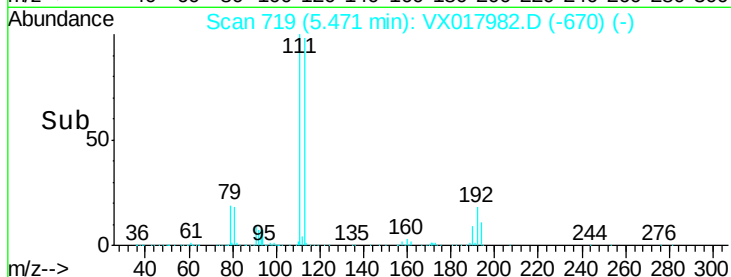
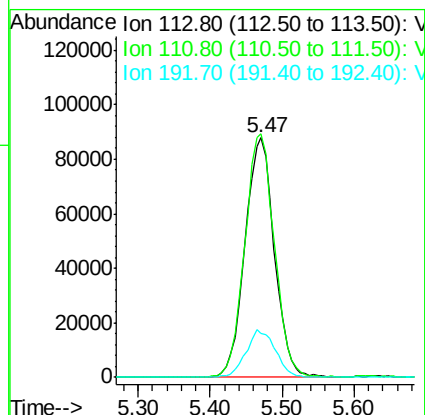
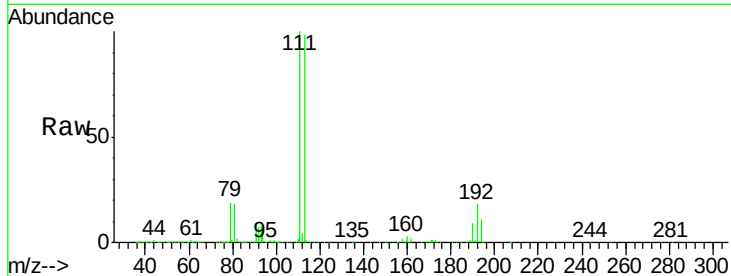
#35
 Dibromofluoromethane
 Concen: 46.845 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	83.5	125.3	
192	20.2	16.2	24.4	

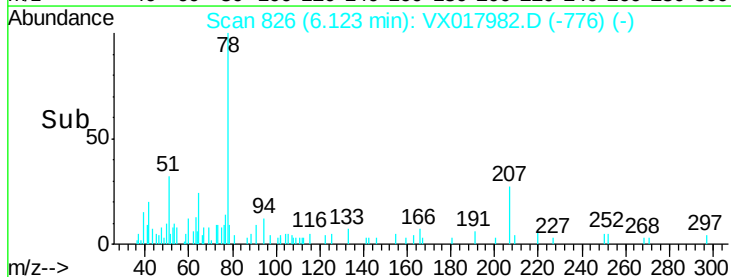
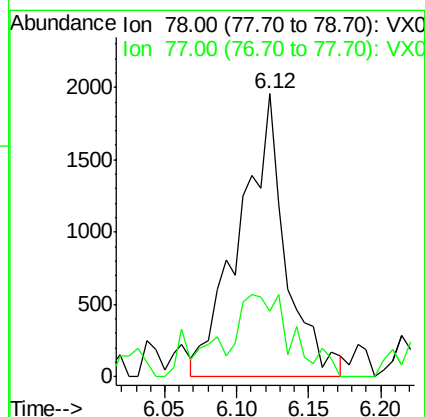
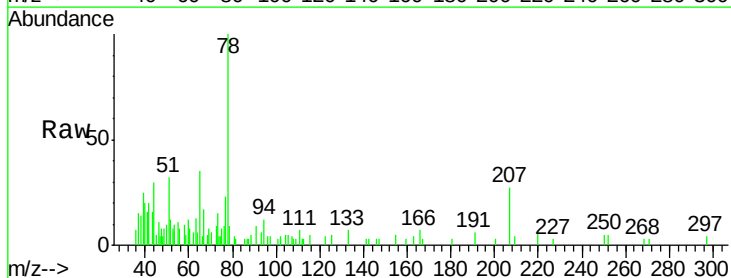
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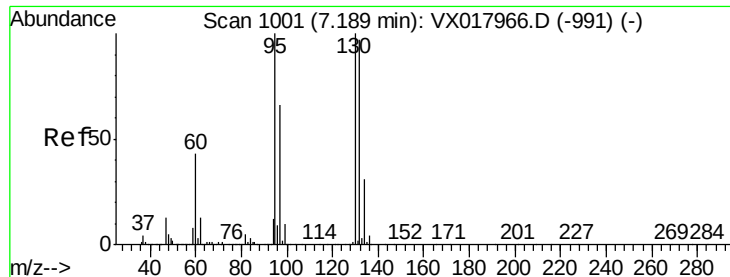
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#40
 Benzene
 Concen: 0.241 ug/l
 RT: 6.12 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.6	18.8	28.2	





#44

Trichloroethene

Concen: 1.904 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260

Tot Ion:130 Resp: 10145

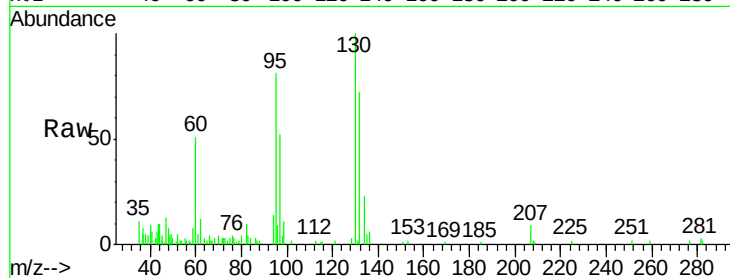
Ion Ratio Lower Upper

130 100

95 81.3 0.0 200.6

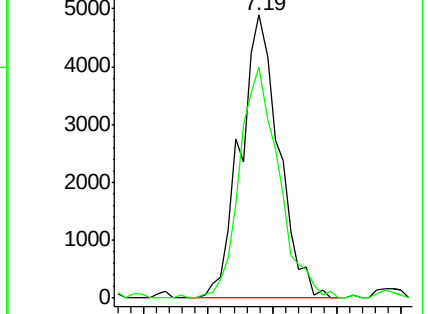
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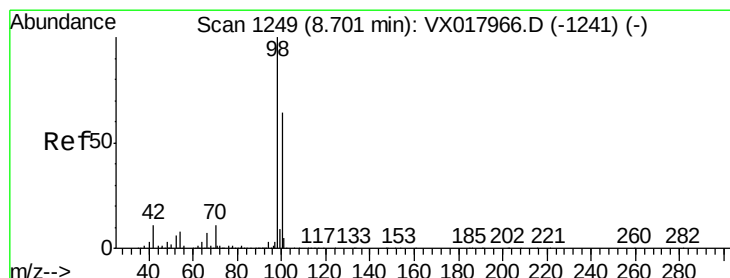
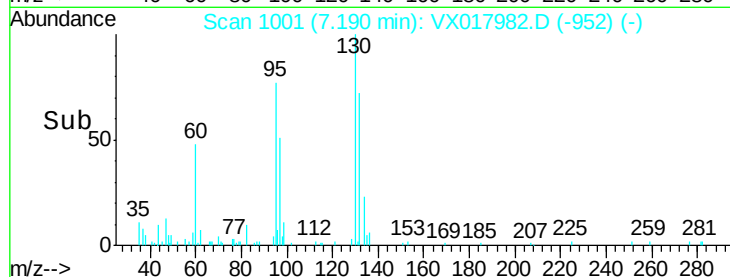


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->



#50

Toluene-d8

Concen: 45.834 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX017982.D

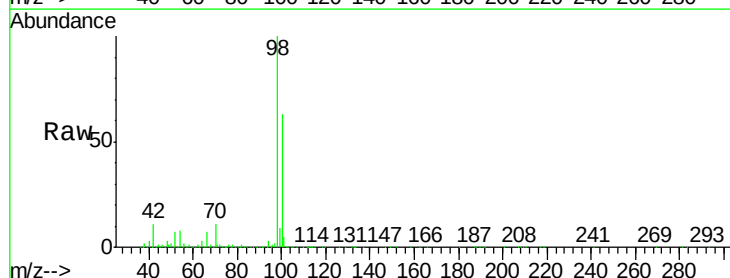
Acq: 19 Aug 2020 14:10

Tgt Ion: 98 Resp: 859755

Ion Ratio Lower Upper

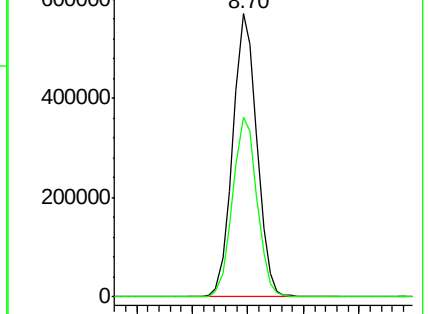
98 100

100 64.2 51.4 77.2

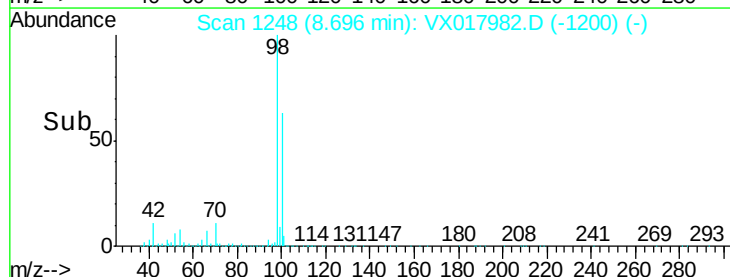


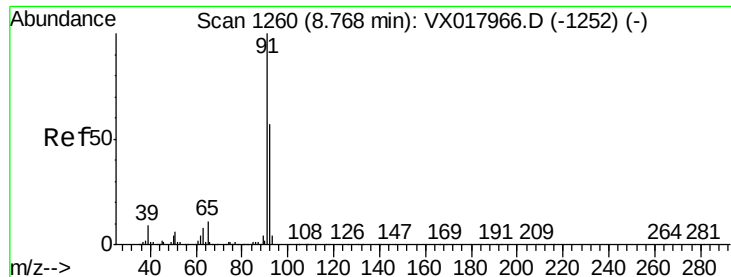
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->





#52

Toluene

Concen: 1.022 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260

Tot Ion: 92 Resp: 12017

Ion Ratio Lower Upper

92 100

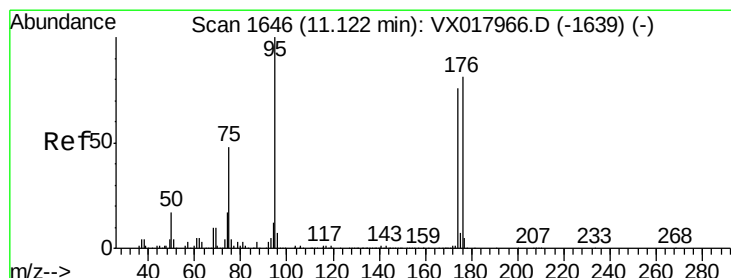
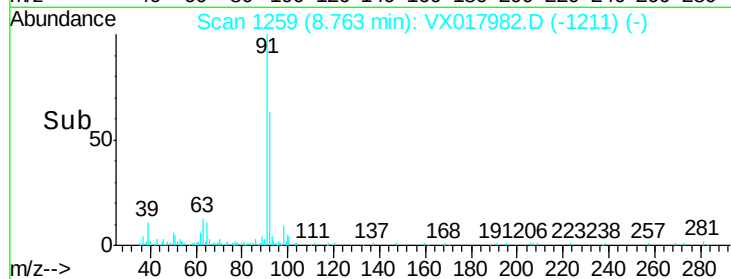
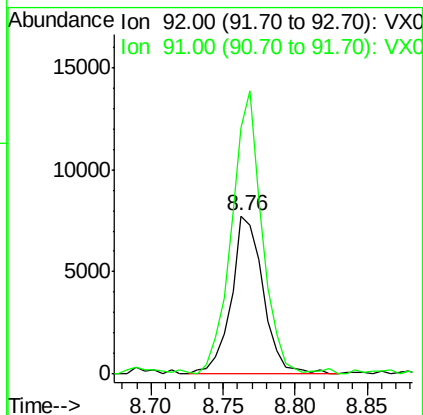
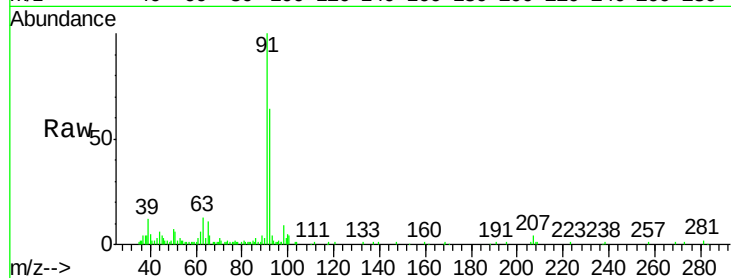
91 169.1 138.4 207.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 45.198 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

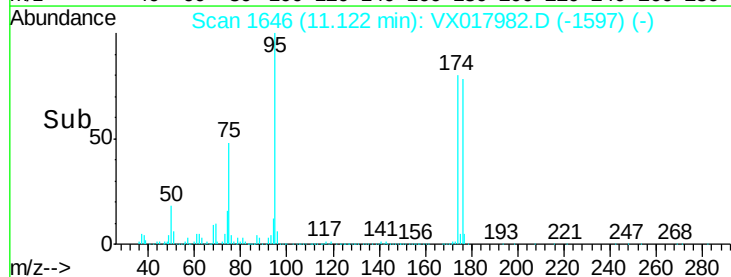
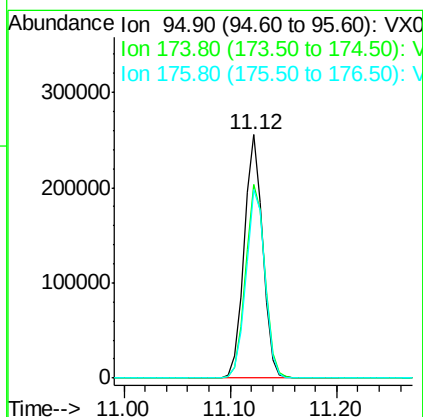
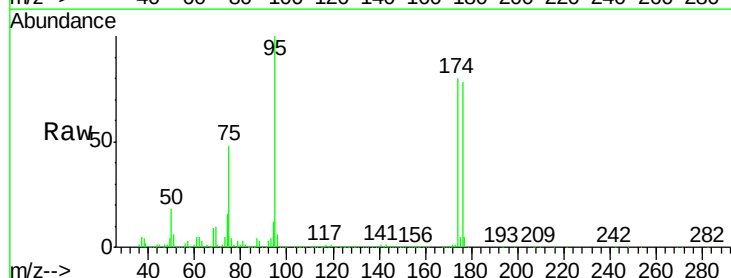
Tgt Ion: 95 Resp: 313134

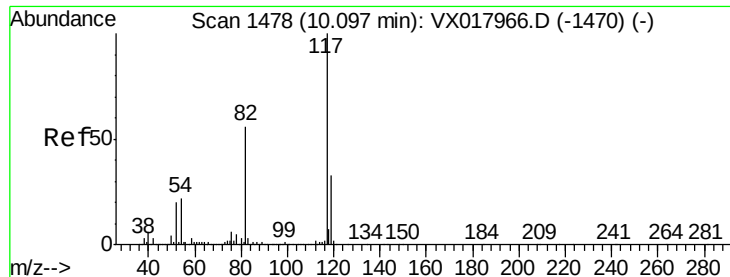
Ion Ratio Lower Upper

95 100

174 82.6 0.0 166.0

176 79.2 0.0 161.0





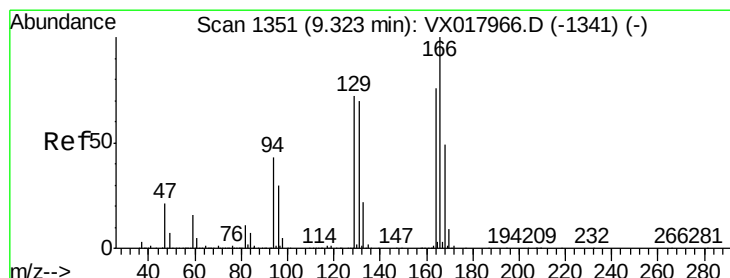
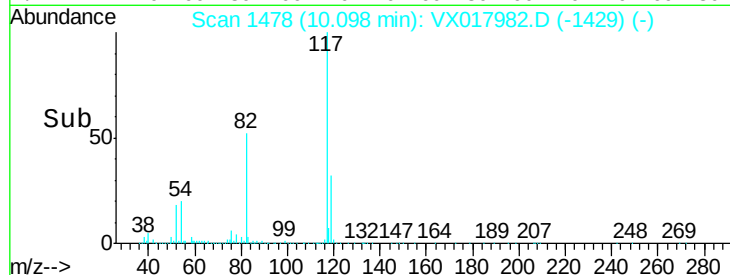
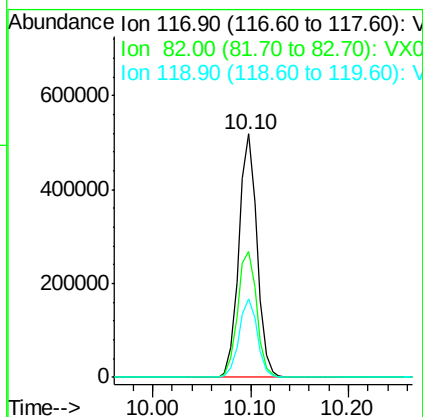
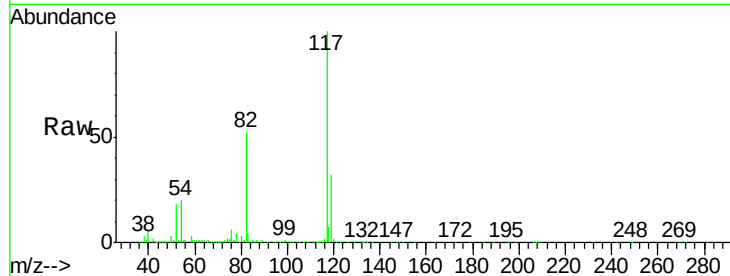
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260

Tot Ion:	117	Resp:	667923
Ion Ratio	Lower	Upper	
117	100		
82	51.6	44.6	66.8
119	32.3	26.2	39.4

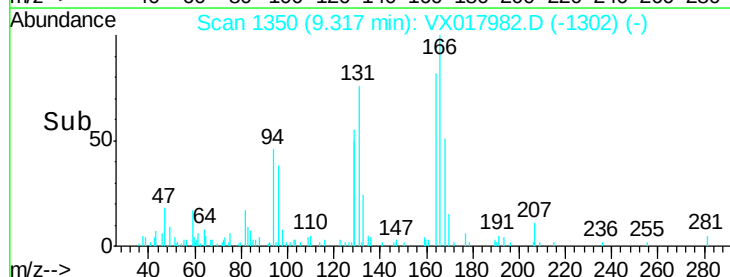
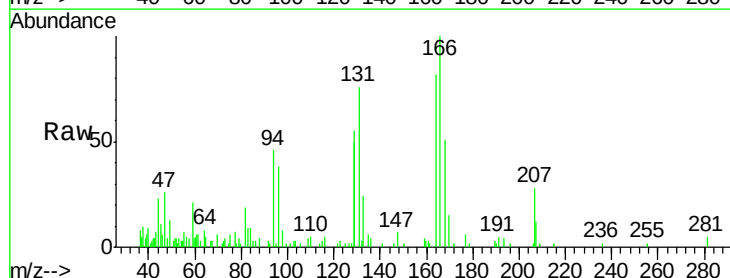
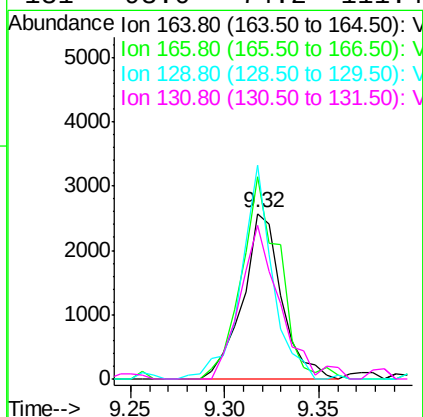
Manual Integrations
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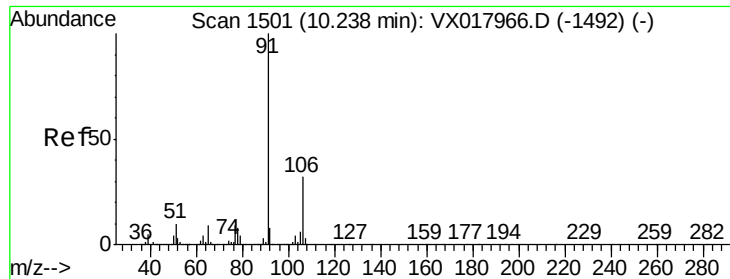
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#64
Tetrachloroethene
Concen: 0.724 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Tgt Ion:	164	Resp:	3694
Ion Ratio	Lower	Upper	
164	100		
166	122.4	105.7	158.5
129	126.8	75.8	113.8
131	93.0	74.2	111.4





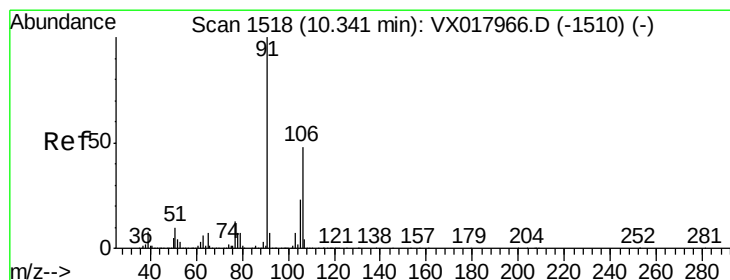
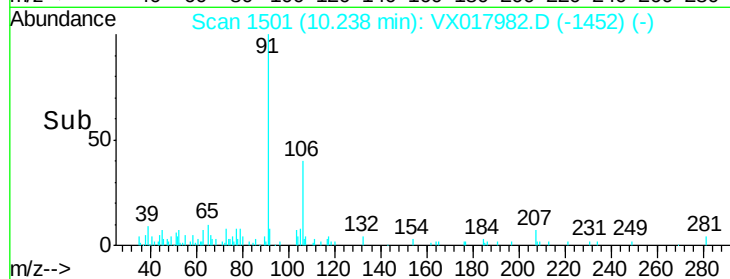
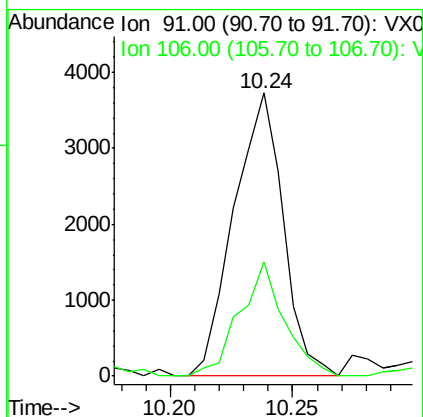
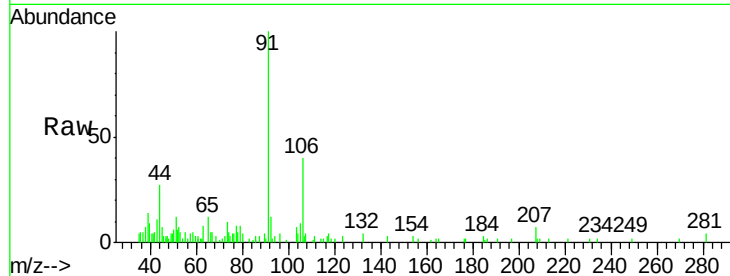
#67
Ethyl Benzene
Concen: 0.240 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260

Tot Ion: 91 Resp: 5238
Ion Ratio Lower Upper
91 100
106 40.4 25.4 38.0#

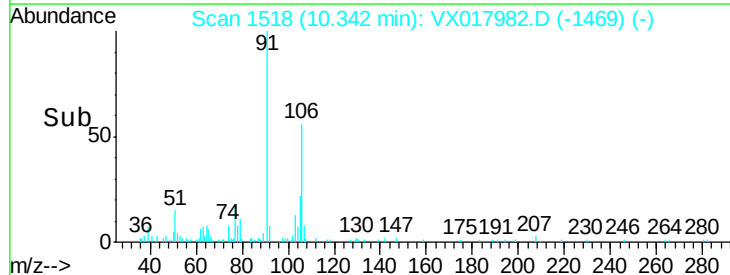
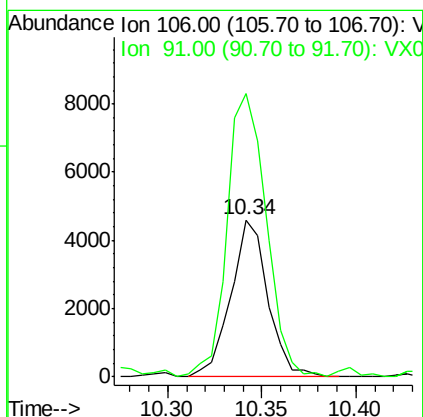
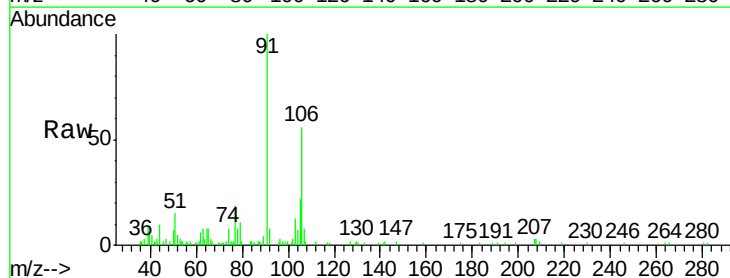
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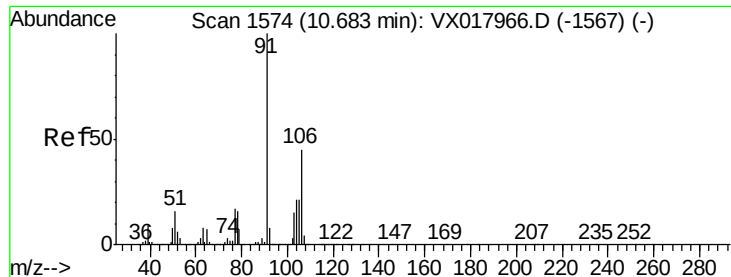
MMDadoda
8/20/2020 9:16:56 AM



#68
m/p-Xylenes
Concen: 0.746 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Tgt Ion: 106 Resp: 6277
Ion Ratio Lower Upper
106 100
91 190.4 167.4 251.2





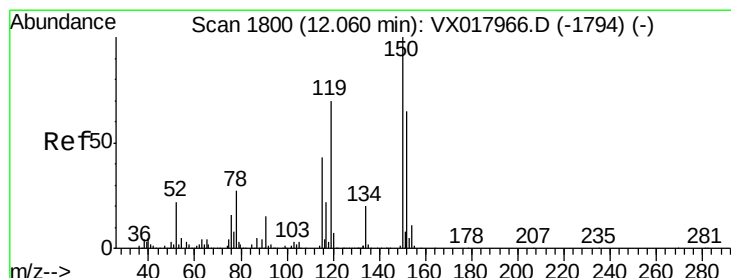
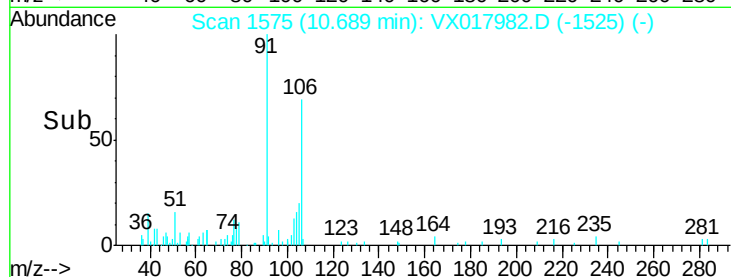
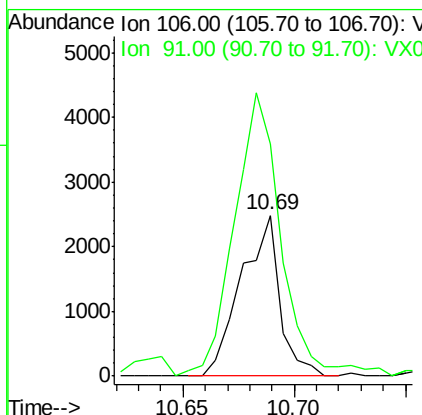
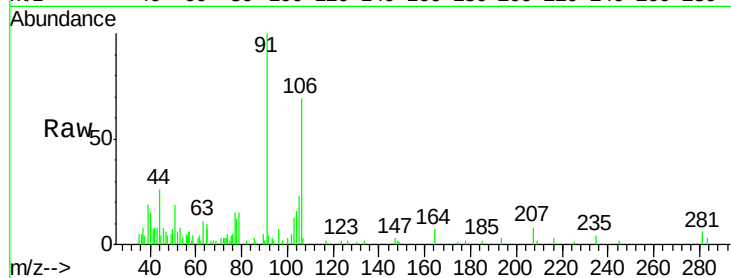
#69
o-Xylene
Concen: 0.370 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-258-260

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.5	108.1	324.2

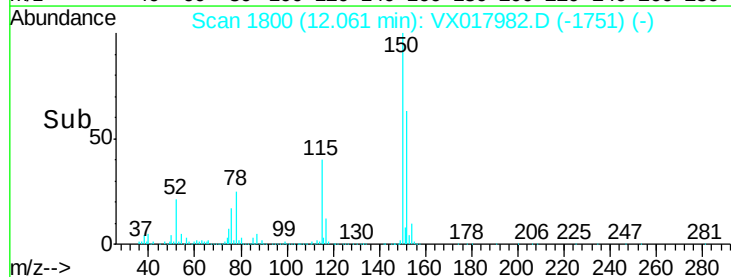
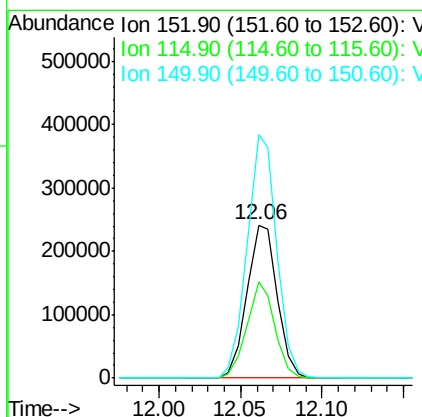
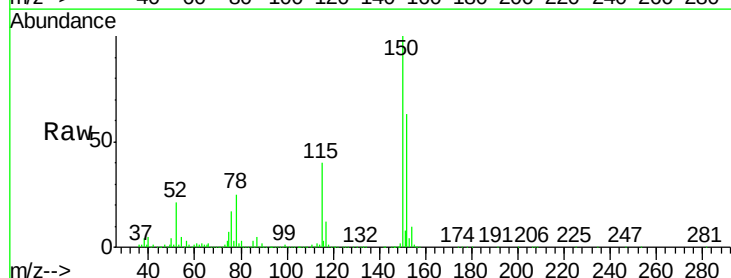
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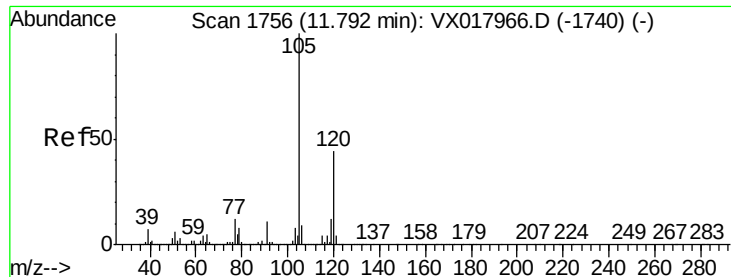
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017982.D
Acq: 19 Aug 2020 14:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	40.6	121.7
150	155.0	0.0	346.4





#84

1,2,4-Trimethylbenzene

Concen: 0.469 ug/l

RT: 11.79 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-258-260

Tot Ion:105 Resp: 8586

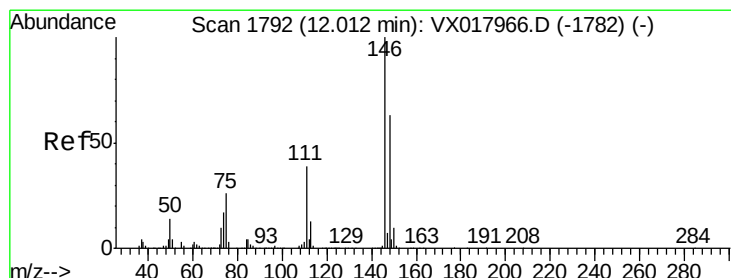
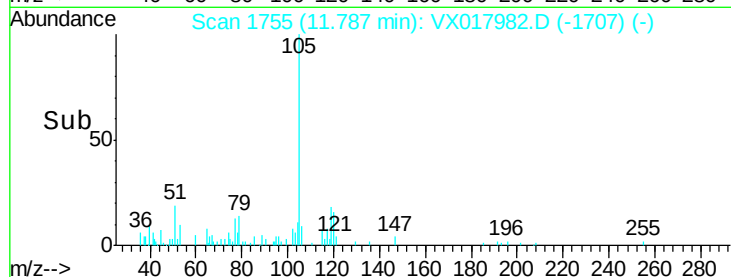
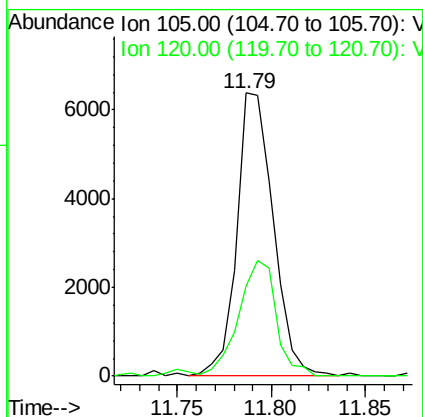
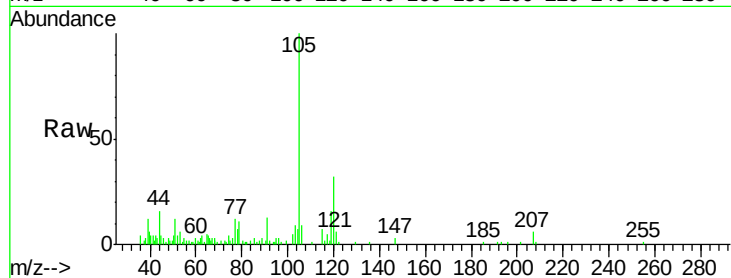
Ion Ratio Lower Upper

105 100

120 42.1 22.1 66.1

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#87

1,3-Dichlorobenzene

Concen: 0.223 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

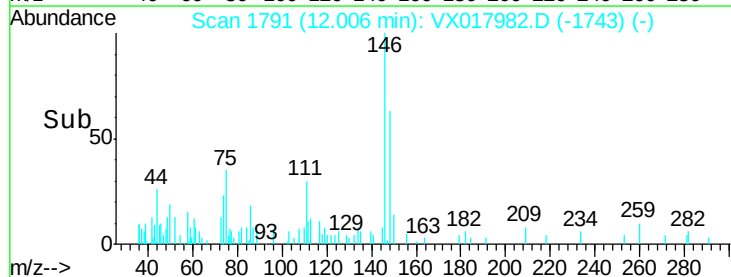
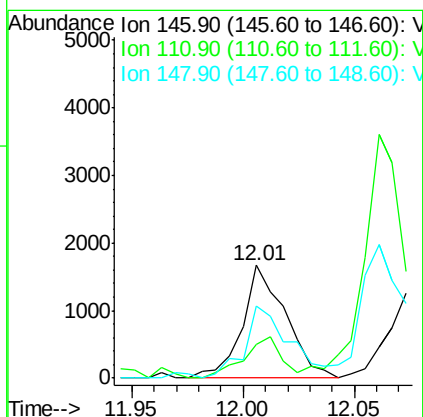
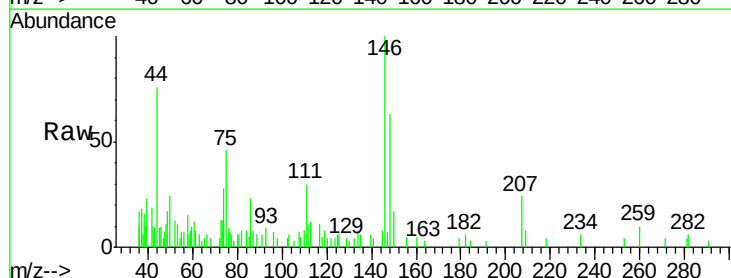
Tgt Ion:146 Resp: 2266

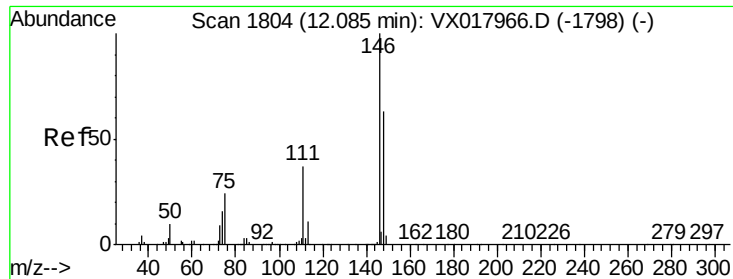
Ion Ratio Lower Upper

146 100

111 31.7 20.1 60.3

148 65.6 31.6 95.0





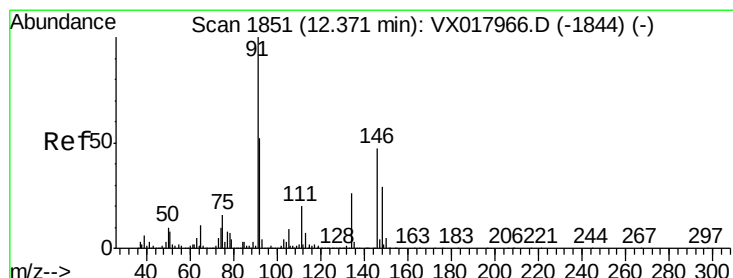
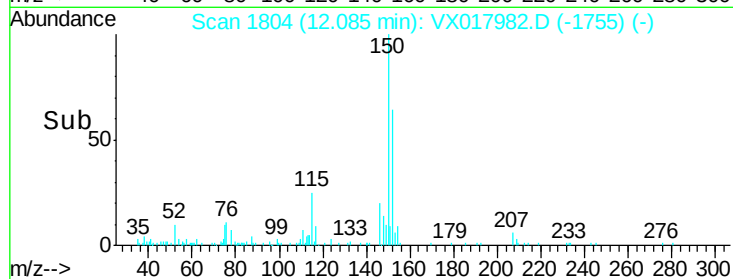
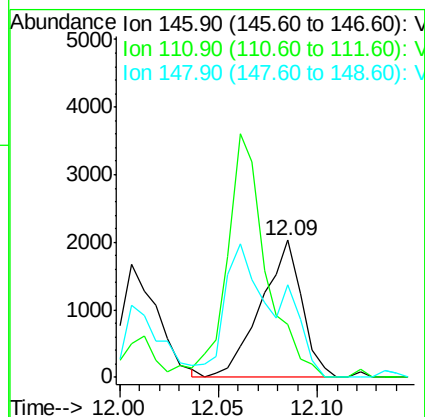
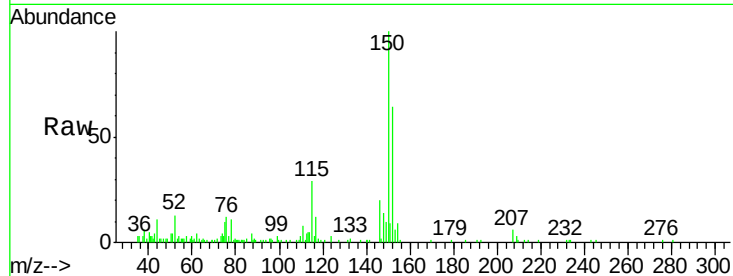
#88
 1,4-Dichlorobenzene
 Concen: 0.294 ug/l m
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260

Tot Ion:	146	Resp:	2934
Ion	Ratio	Lower	Upper
146	100		
111	24.5	19.7	59.1
148	50.7	31.9	95.7

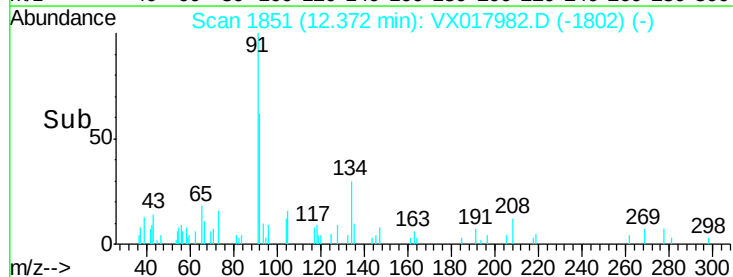
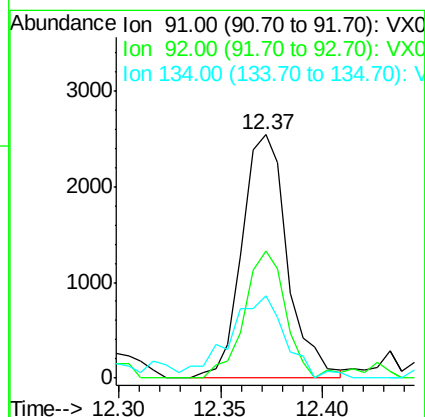
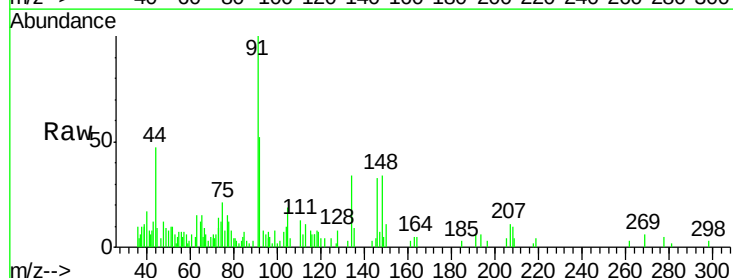
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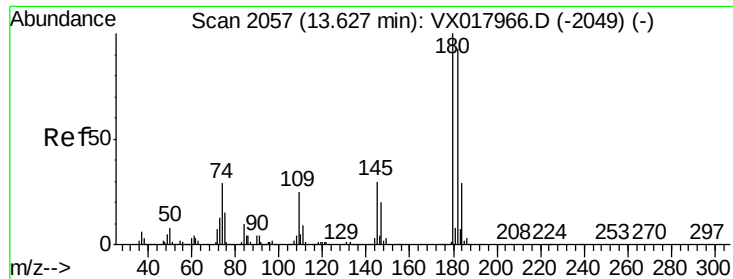
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#89
 n-Butylbenzene
 Concen: 0.254 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

Tgt Ion:	91	Resp:	3939
Ion	Ratio	Lower	Upper
91	100		
92	46.6	25.7	77.0
134	41.7	13.4	40.2





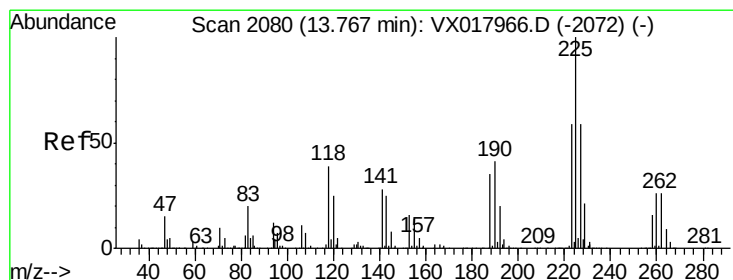
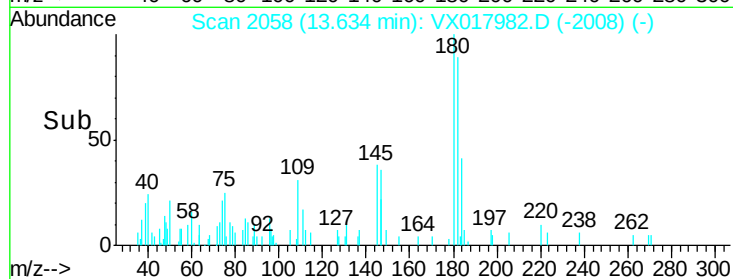
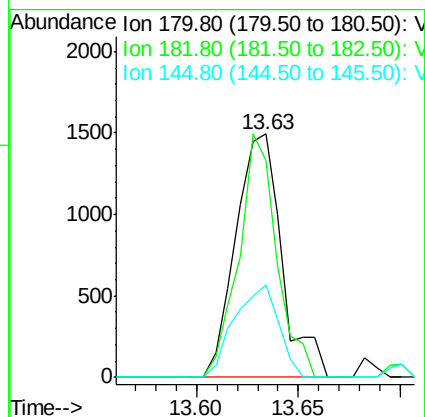
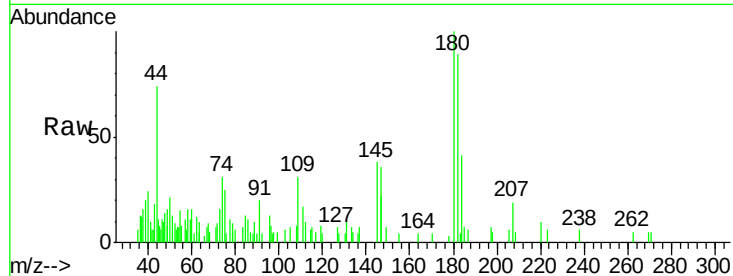
#93
 1,2,4-Trichlorobenzene
 Concen: 0.380 ug/l
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260

Tot Ion:	180	Resp:	2347
Ion Ratio	Lower	Upper	
180	100		
182	82.4	48.8	146.4
145	36.3	16.0	48.0

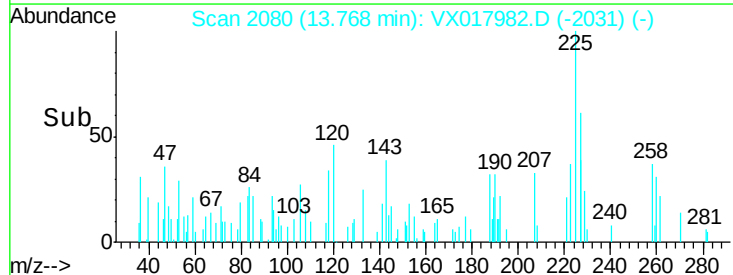
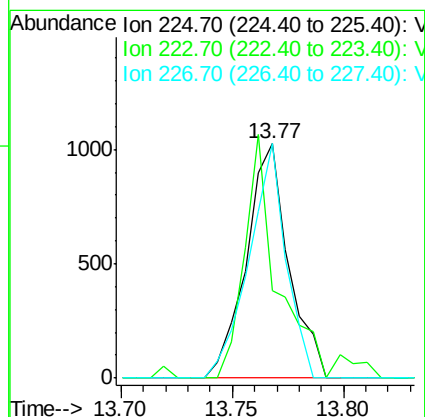
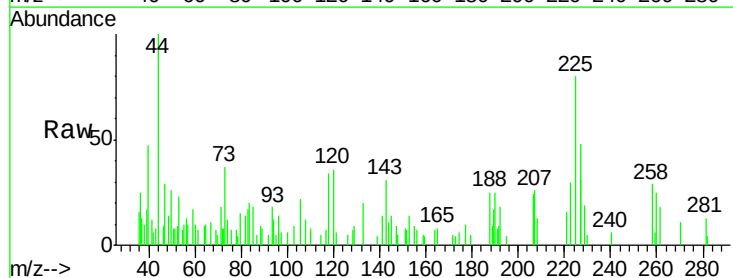
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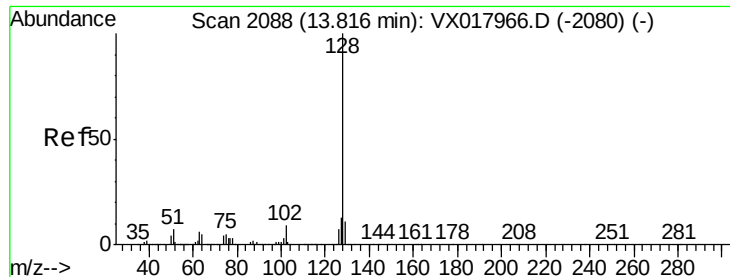
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#94
 Hexachlorobutadiene
 Concen: 0.517 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017982.D
 Acq: 19 Aug 2020 14:10

Tgt Ion:	225	Resp:	1363
Ion Ratio	Lower	Upper	
225	100		
223	85.9	32.1	96.3
227	86.9	29.8	89.5





#95

Naphthalene

Concen: 0.333 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Instrument :

MSVOA_X

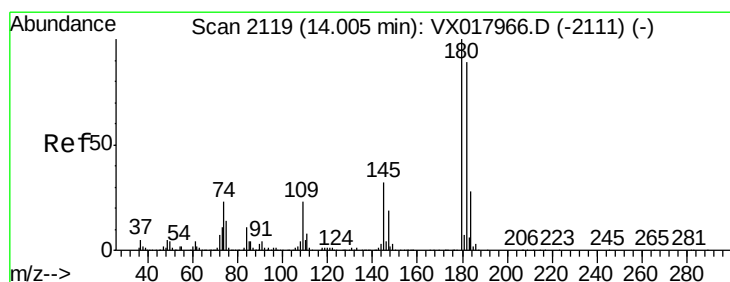
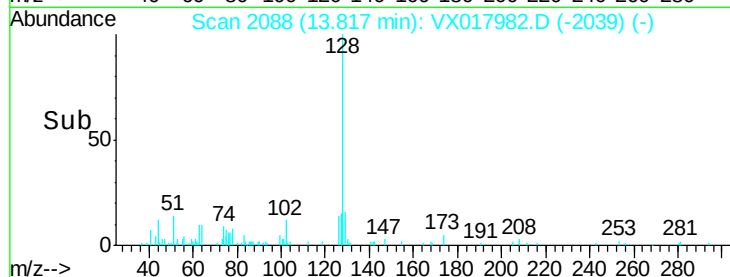
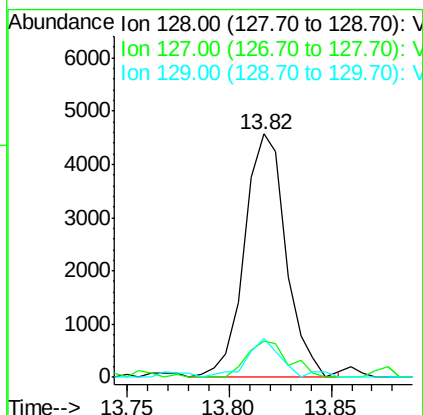
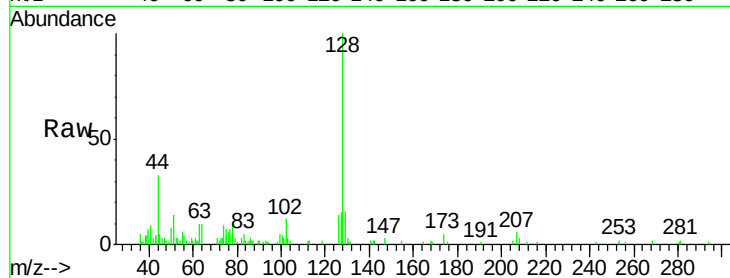
ClientSampleId :

BP-VPB181-GW-258-260

Tot Ion:	128	Resp:	6492
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.7	16.1
129	13.6	8.6	13.0#

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 0.347 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017982.D

Acq: 19 Aug 2020 14:10

Tgt Ion:	180	Resp:	2179
Ion	Ratio	Lower	Upper
180	100		
182	72.5	46.6	139.8
145	34.6	16.8	50.4

