

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014088.D
 Acq On : 18 Dec 2019 11:54
 Operator : JC/SP
 Sample : K6249-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ190I-20191208

Quant Time: Dec 18 16:17:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	563073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	862457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	772517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333671	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	313395	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
35) Dibromofluoromethane	5.49	113	264642	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
50) Toluene-d8	8.71	98	1022761	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.14	95	346854	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	4749	0.702	ug/l #	86
5) Bromomethane	1.64	94	1827	0.361	ug/l #	79
6) Chloroethane	1.72	64	120407	27.349	ug/l	92
10) Methyl Iodide	2.51	142	2644	2.978	ug/l #	88
11) Tert butyl alcohol	3.01	59	1919	1.392	ug/l	96
12) 1,1-Dichloroethene	2.37	96	36524	6.743	ug/l	98
13) Acrolein	2.30	56	794	1.006	ug/l #	39
16) Acetone	2.43	43	5889	1.421	ug/l	96
17) Carbon Disulfide	2.56	76	3537	0.982	ug/l #	85
20) Methylene Chloride	2.85	84	2532	0.388	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	1646	0.276	ug/l #	43
24) 1,1-Dichloroethane	3.69	63	1736055	161.917	ug/l	99
28) Bromochloromethane	5.01	49	793	0.644	ug/l #	11
32) 1,1,1-Trichloroethane	5.48	97	45450	5.247	ug/l	99
36) 1,1-Dichloropropene	5.65	75	37441	4.731	ug/l #	51
38) Carbon Tetrachloride	5.65	117	47724	6.620	ug/l #	17
40) Benzene	6.14	78	11507	0.473	ug/l	96
42) 1,2-Dichloroethane	6.19	62	2237	0.271	ug/l	96
44) Trichloroethene	7.21	130	1875	0.279	ug/l	68
46) Dibromomethane	7.66	93	1385	0.336	ug/l #	29
49) 1,4-Dioxane	7.74	88	428	2.970	ug/l #	69
65) Chlorobenzene	10.14	112	9570	0.583	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	169150	23.351	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	169150	65.907	ug/l #	12
83) tert-Butylbenzene	11.76	119	8450	0.439	ug/l	82
85) sec-Butylbenzene	11.94	105	26088	1.149	ug/l	80
87) 1,3-Dichlorobenzene	12.02	146	10446	0.922	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	43543	3.780	ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	14334	1.257	ug/l	91
93) 1,2,4-Trichlorobenzene	13.64	180	4928	0.665	ug/l #	80
95) Naphthalene	13.83	128	5616	0.258	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.01	180	2806	0.384	ug/l #	59

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

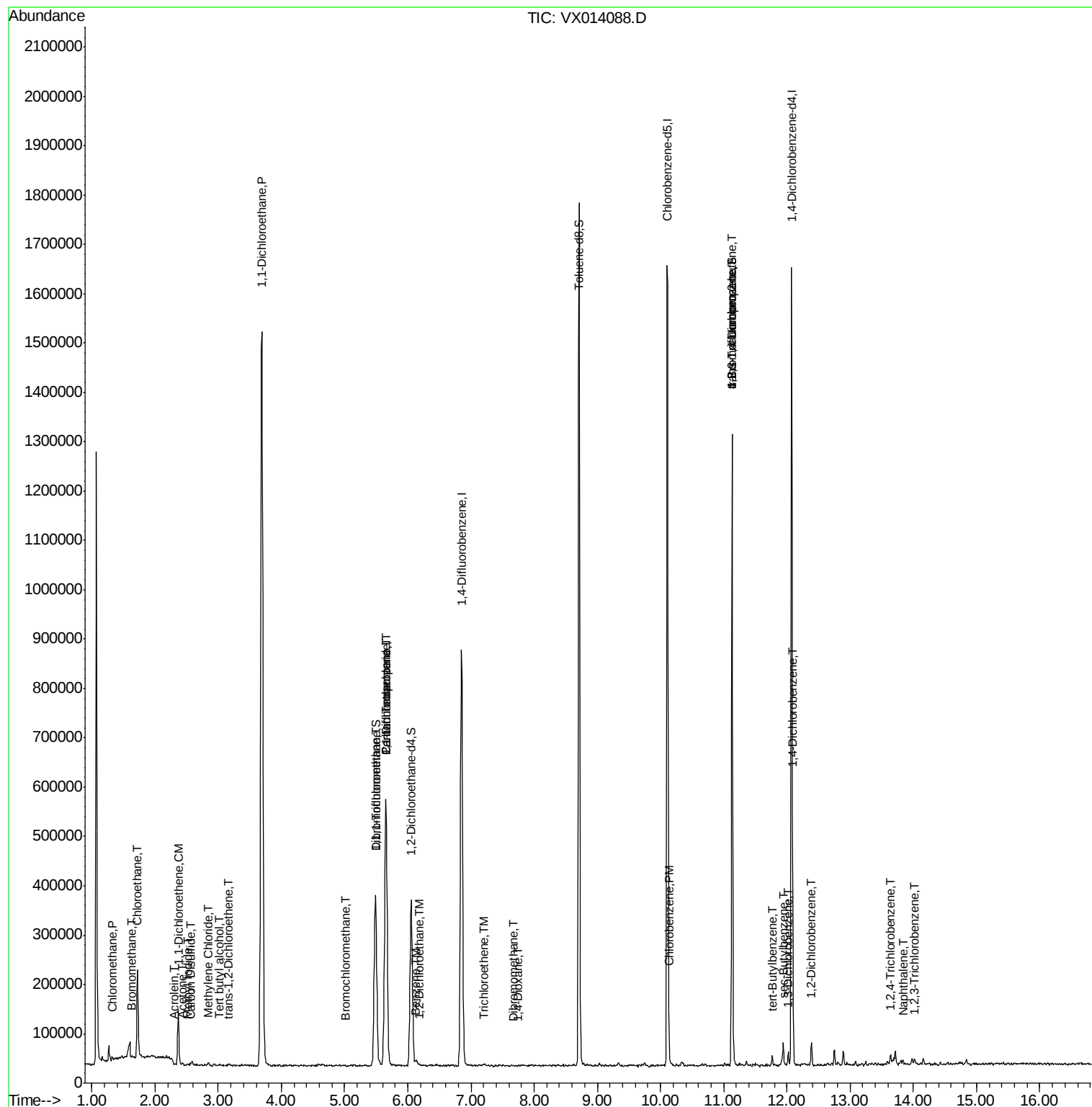
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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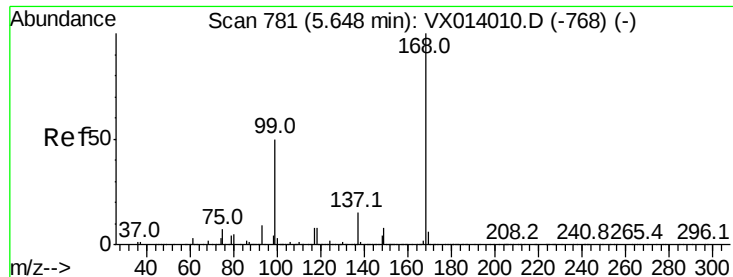
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

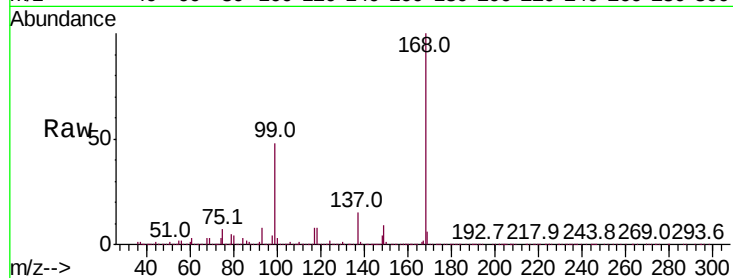
SA-PZ190I-20191208

Tot Ion:168 Resp: 563073

Ion Ratio Lower Upper

168 100

99 48.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

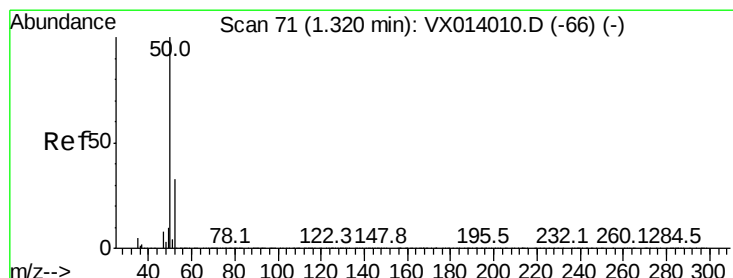
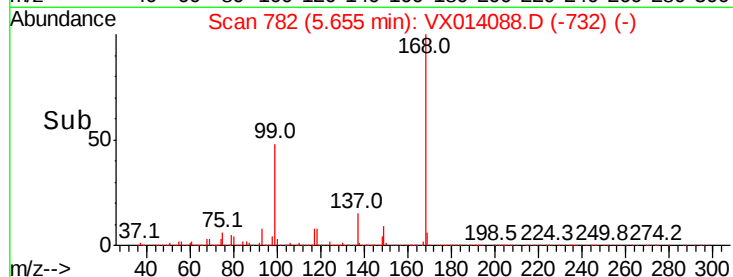
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.702 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014088.D

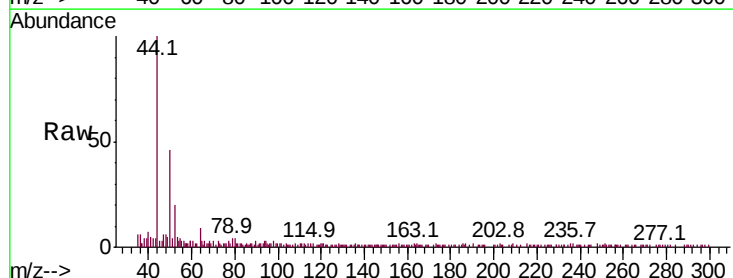
Acq: 18 Dec 2019 11:54

Tgt Ion: 50 Resp: 4749

Ion Ratio Lower Upper

50 100

52 40.4 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

4000

3000

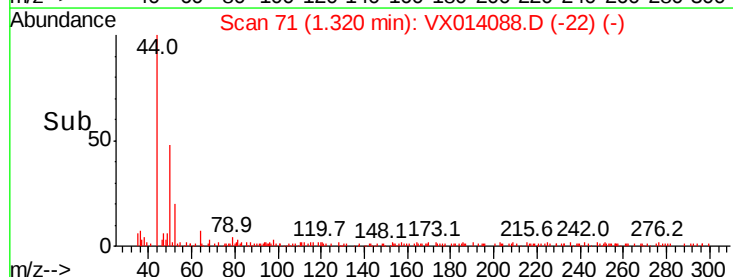
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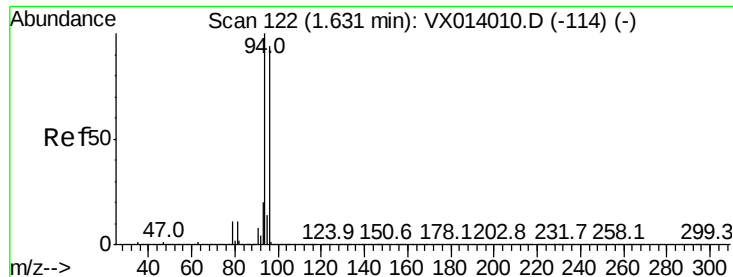
1000

0

1.30 1.35

Time-->





#5

Bromomethane

Concen: 0.361 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

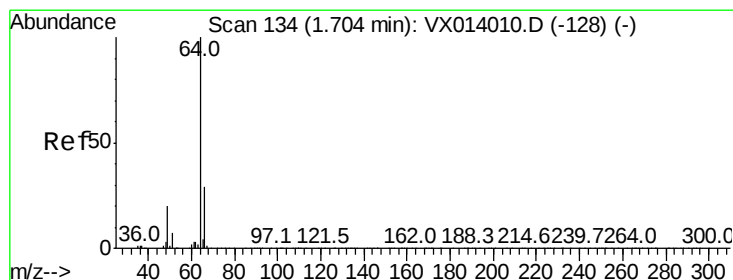
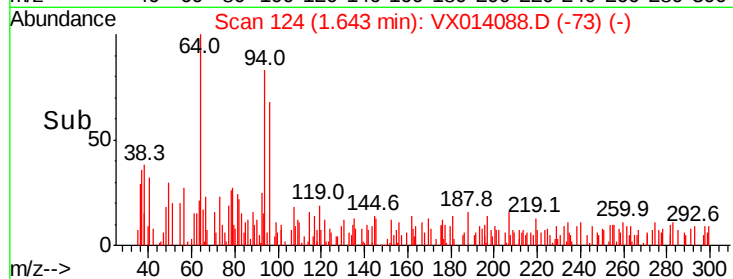
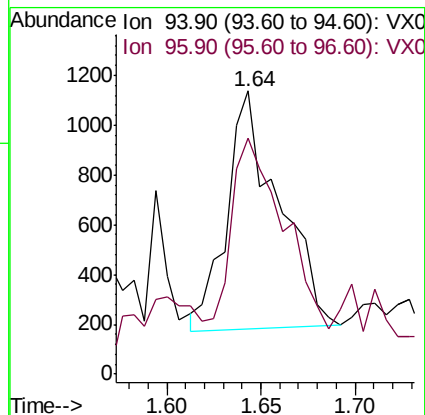
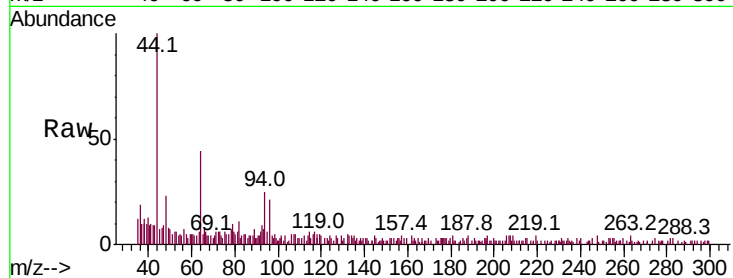
SA-PZ190I-20191208

Tot Ion: 94 Resp: 1827

Ion Ratio Lower Upper

94 100

96 73.7 75.2 112.8#



#6

Chloroethane

Concen: 27.349 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014088.D

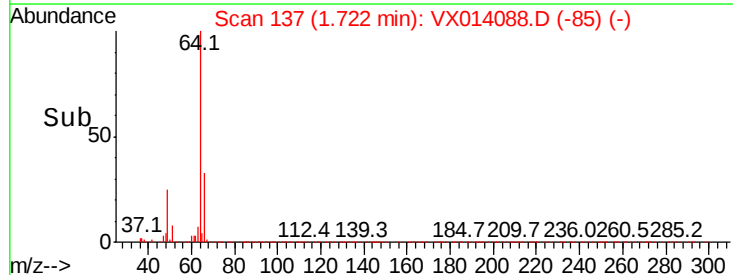
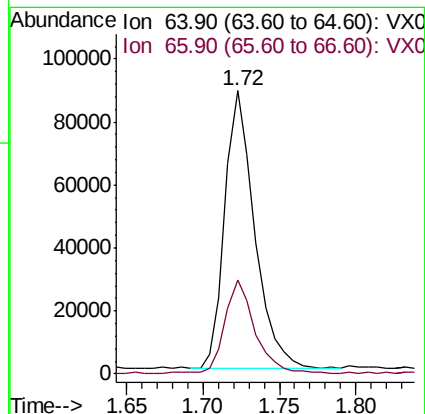
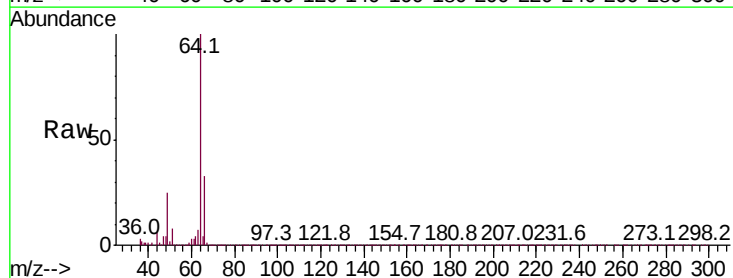
Acq: 18 Dec 2019 11:54

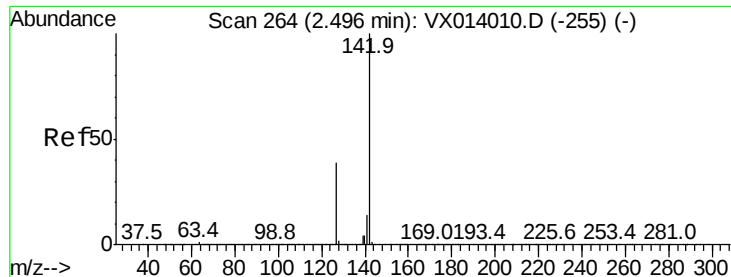
Tgt Ion: 64 Resp: 120407

Ion Ratio Lower Upper

64 100

66 33.4 23.4 35.2

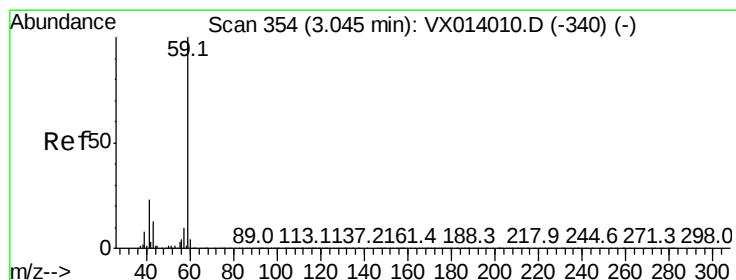
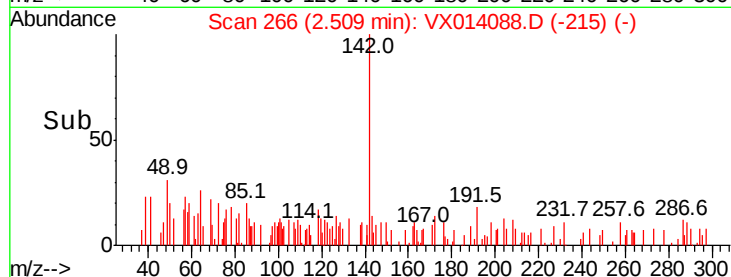
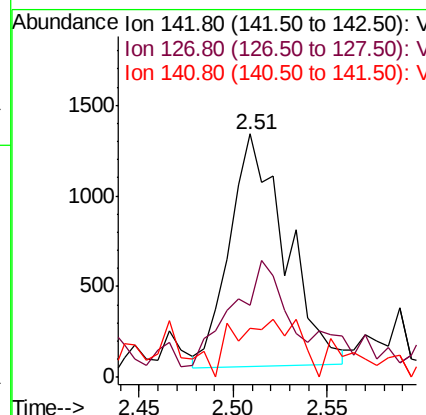
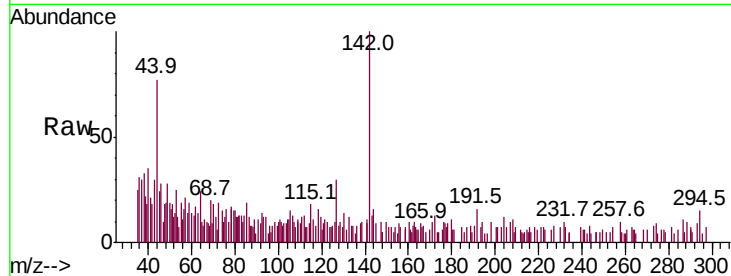




#10
Methvl Iodide
Concen: 2.978 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX014088.D
Acq: 18 Dec 2019 11:54

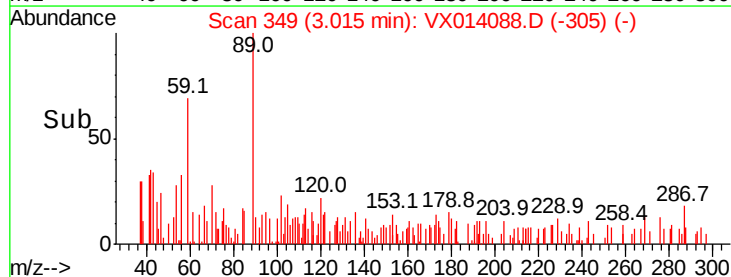
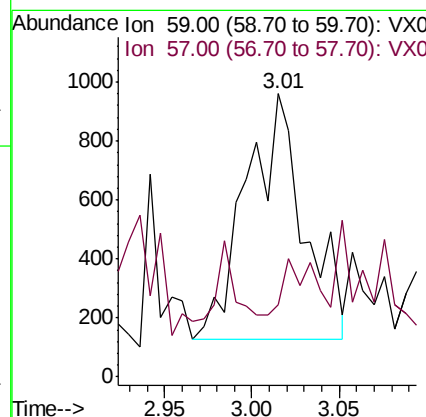
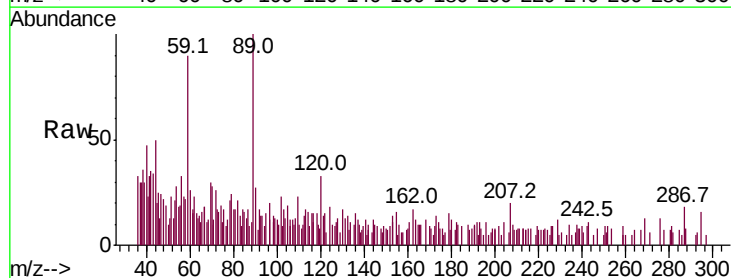
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

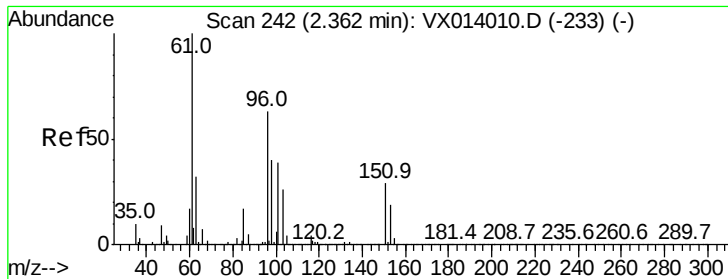
Tot Ion:142 Resp: 2644
Ion Ratio Lower Upper
142 100
127 42.3 31.6 47.4
141 28.4 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.392 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.03 min
Lab File: VX014088.D
Acq: 18 Dec 2019 11:54

Tgt Ion: 59 Resp: 1919
Ion Ratio Lower Upper
59 100
57 12.1 8.4 12.6





#12

1,1-Dichloroethene

Concen: 6.743 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208

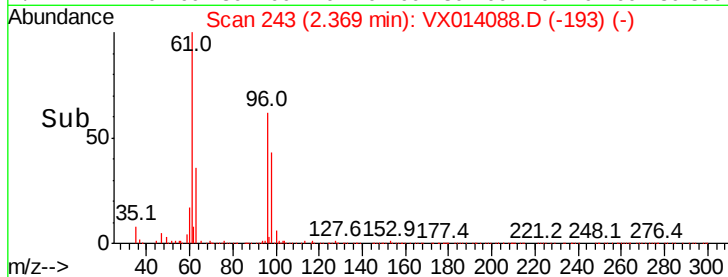
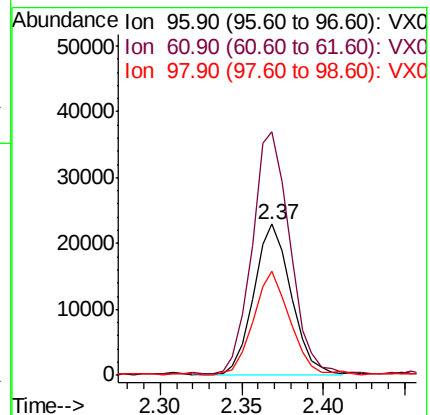
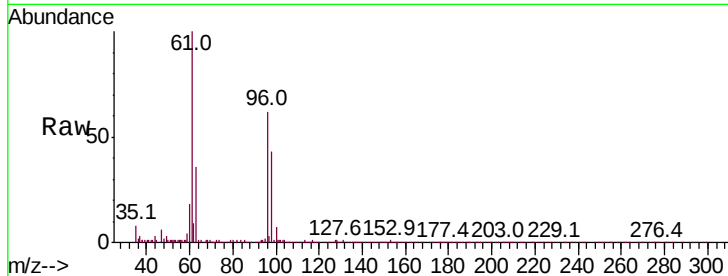
Tot Ion: 96 Resp: 36524

Ion Ratio Lower Upper

96 100

61 160.2 127.9 191.9

98 68.1 50.5 75.7



#13

Acrolein

Concen: 1.006 ug/l

RT: 2.30 min Scan# 232

Delta R.T. 0.02 min

Lab File: VX014088.D

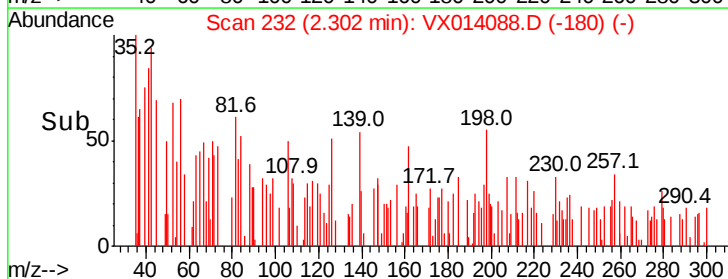
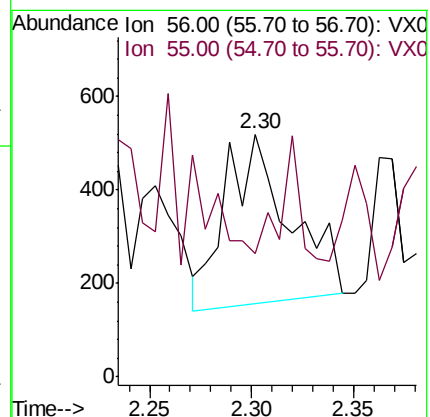
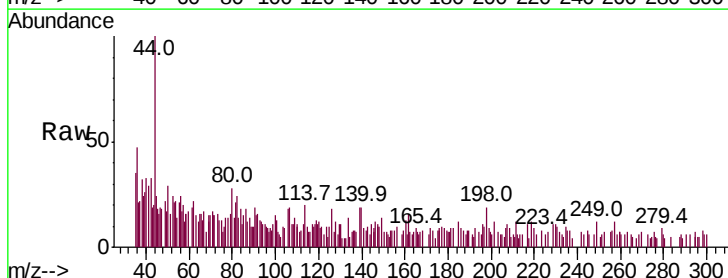
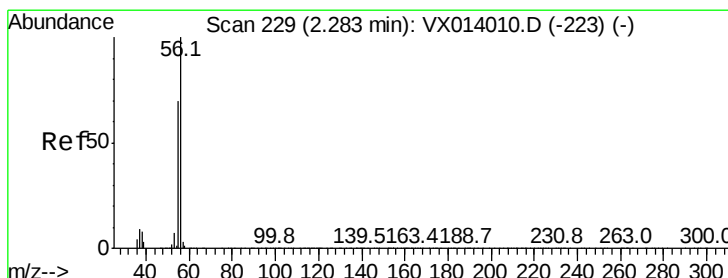
Acq: 18 Dec 2019 11:54

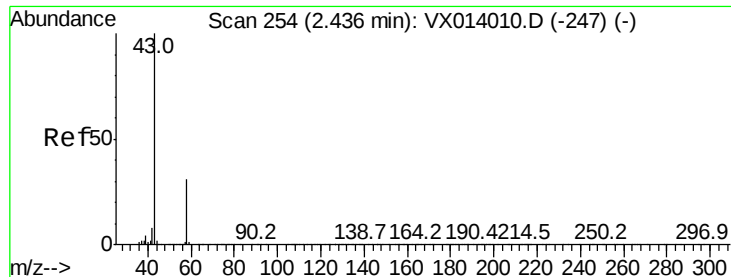
Tgt Ion: 56 Resp: 794

Ion Ratio Lower Upper

56 100

55 20.7 56.9 85.3#





#16

Acetone

Concen: 1.421 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

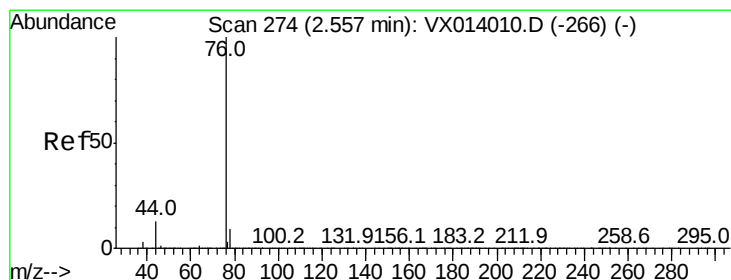
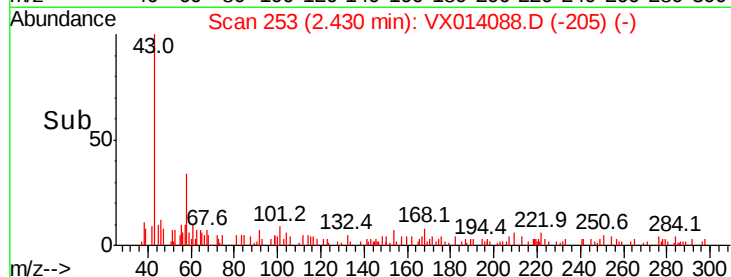
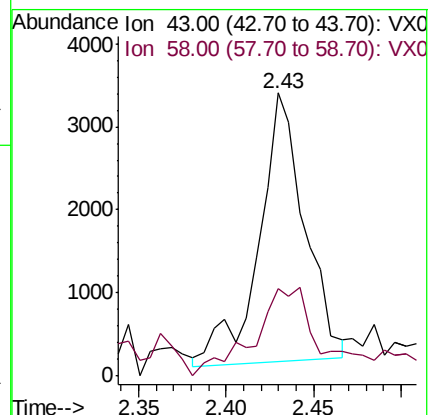
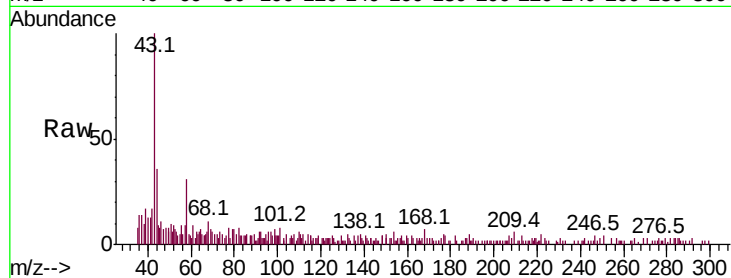
SA-PZ1901-20191208

Tot Ion: 43 Resp: 5889

Ion Ratio Lower Upper

43 100

58 33.0 24.9 37.3



#17

Carbon Disulfide

Concen: 0.982 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014088.D

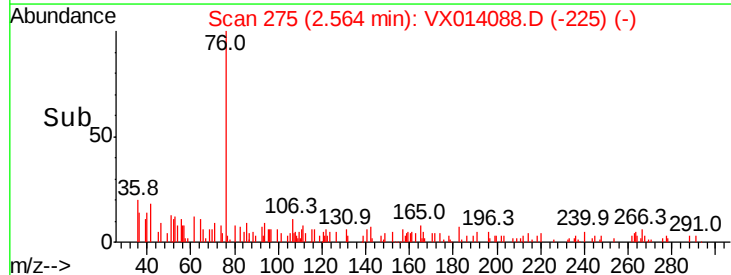
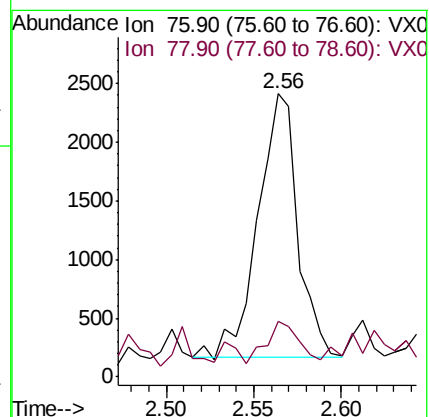
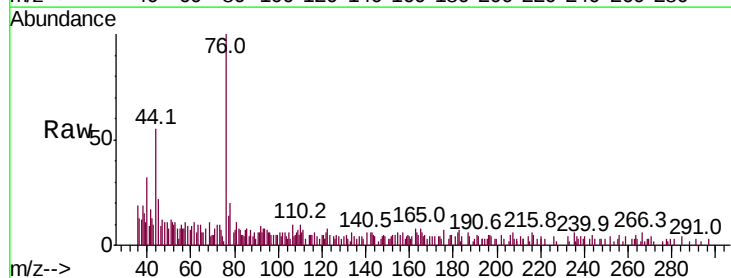
Acq: 18 Dec 2019 11:54

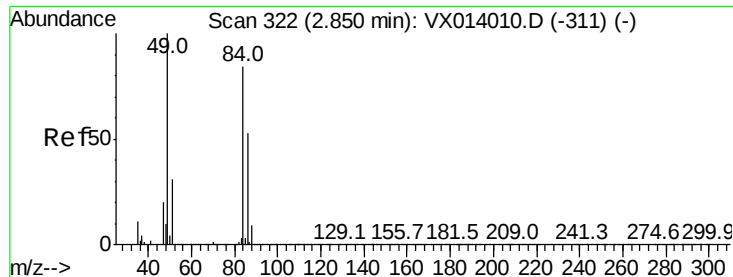
Tgt Ion: 76 Resp: 3537

Ion Ratio Lower Upper

76 100

78 14.5 7.2 10.8#

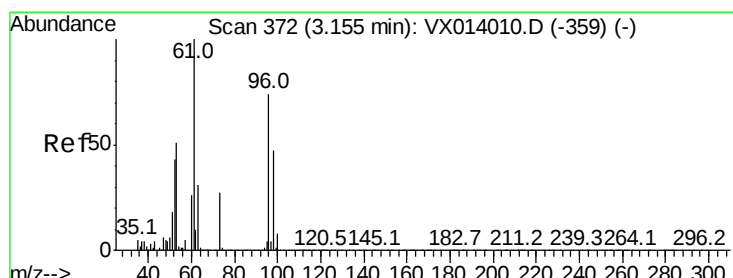
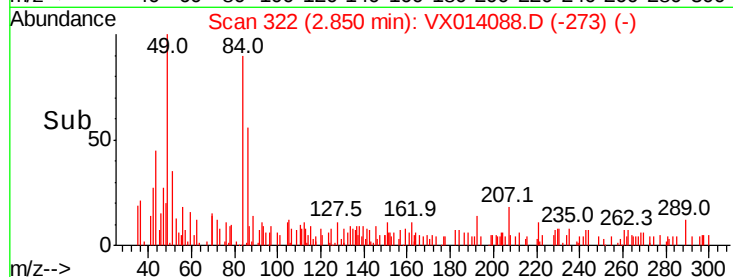
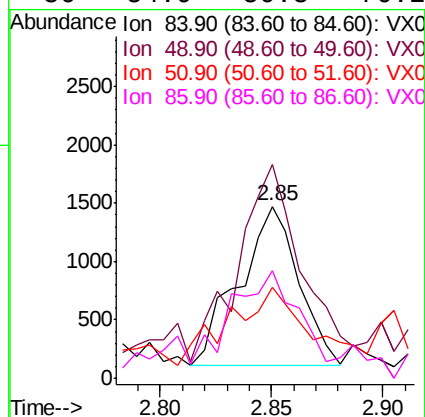
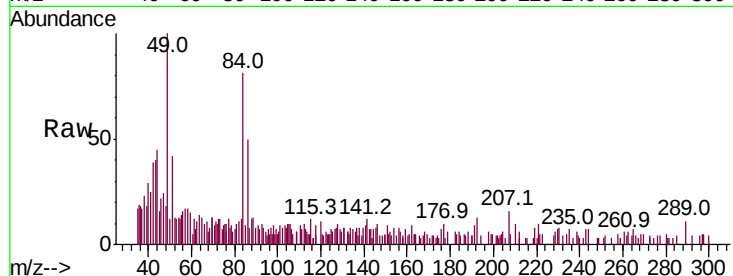




#20
Methvlene Chloride
Concen: 0.388 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014088.D
Acq: 18 Dec 2019 11:54

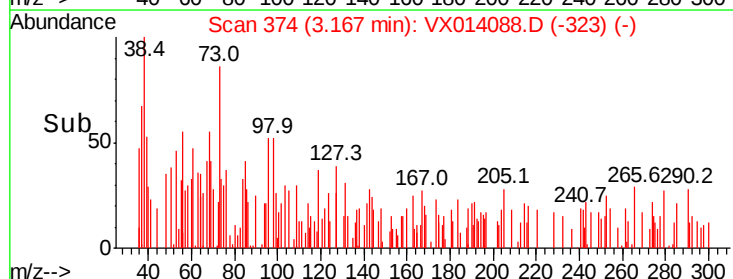
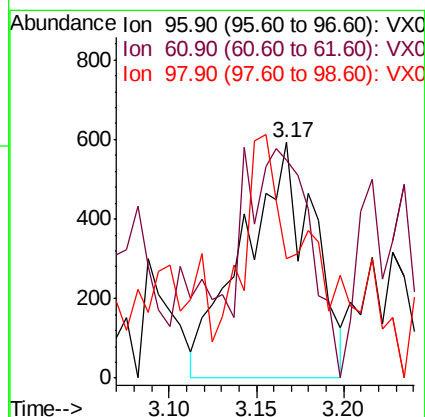
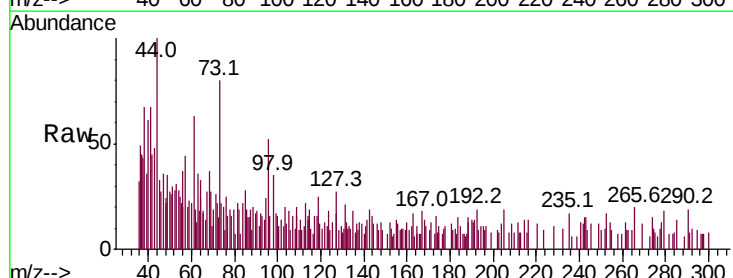
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SA-PZ190I-20191208

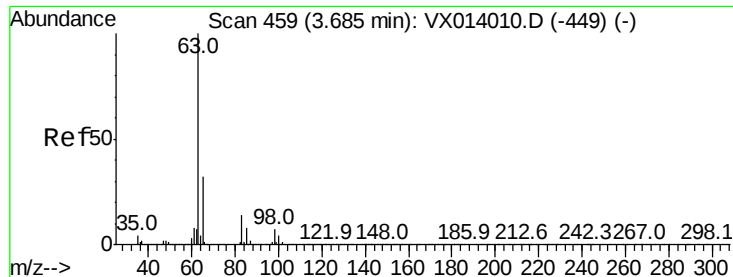
Tot Ion:	84	Resp:	2532
Ion	Ratio	Lower	Upper
84	100		
49	123.8	95.8	143.6
51	35.9	29.8	44.8
86	54.9	50.8	76.2



#21
trans-1,2-Dichloroethene
Concen: 0.276 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX014088.D
Acq: 18 Dec 2019 11:54

Tgt Ion:	96	Resp:	1646
Ion	Ratio	Lower	Upper
96	100		
61	66.1	108.3	162.5#
98	19.8	50.8	76.2#





#24

1,1-Dichloroethane

Concen: 161.917 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208

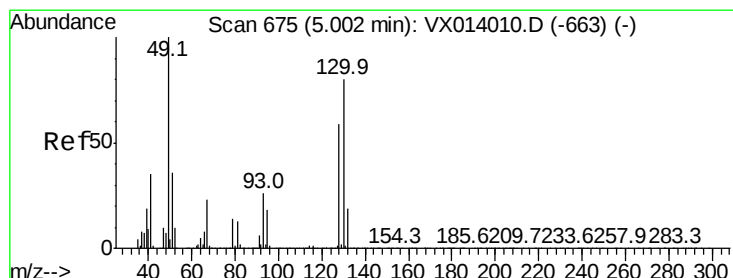
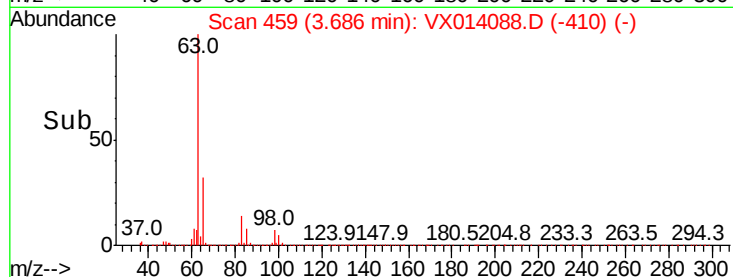
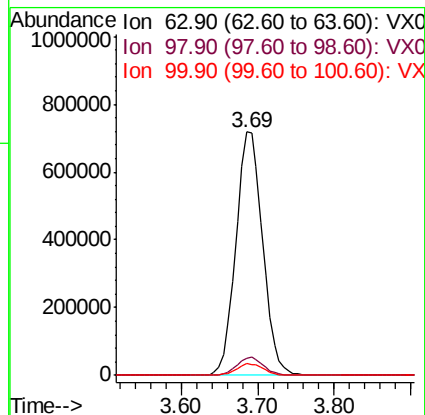
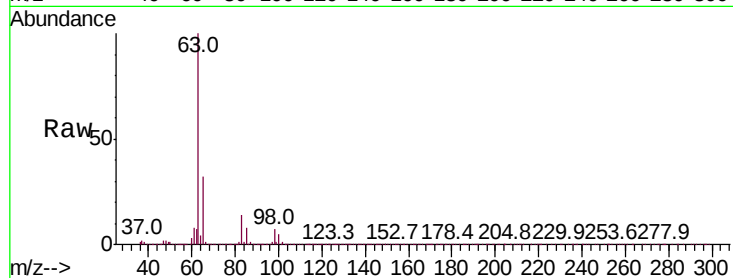
Tot Ion: 63 Resp: 1736055

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.7 2.3 6.8



#28

Bromochloromethane

Concen: 0.644 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

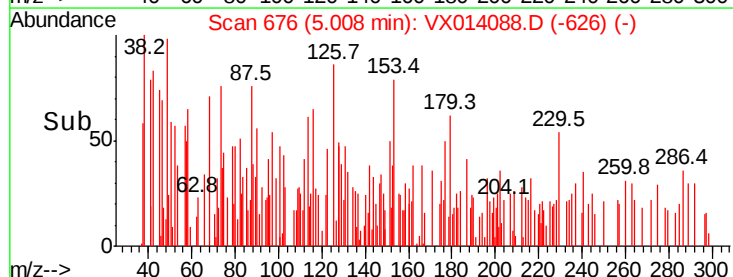
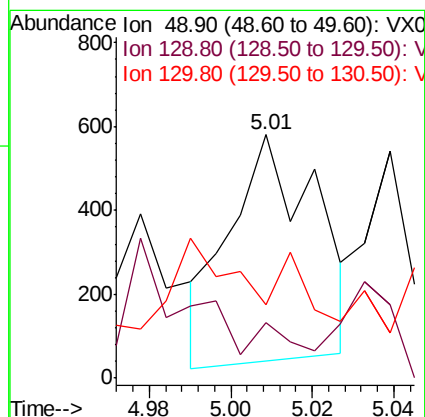
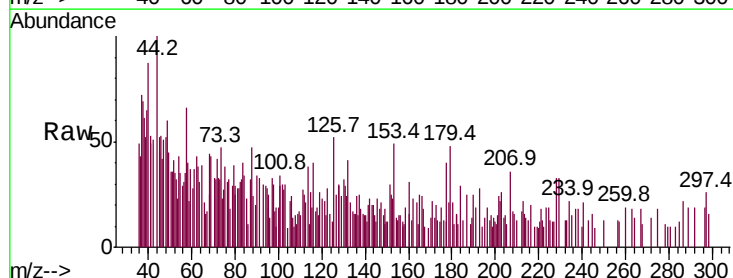
Tgt Ion: 49 Resp: 793

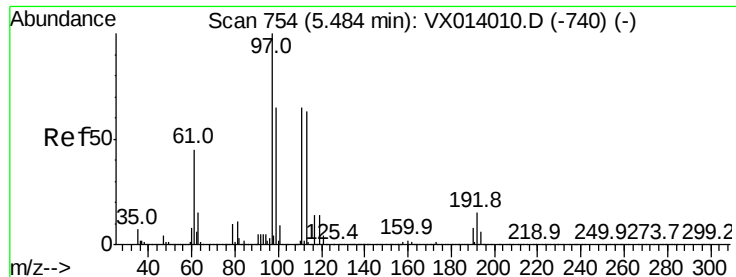
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 0.0 64.6 97.0#





#32

1,1,1-Trichloroethane

Concen: 5.247 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208

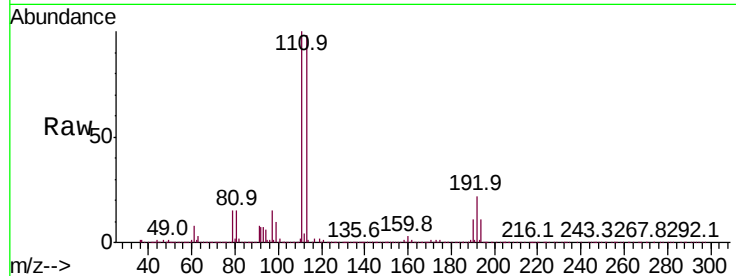
Tot Ion: 97 Resp: 45450

Ion Ratio Lower Upper

97 100

99 64.8 52.0 78.0

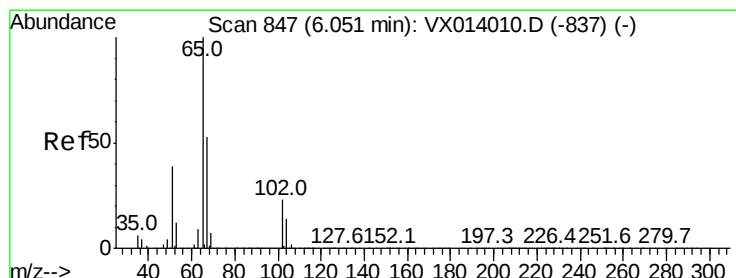
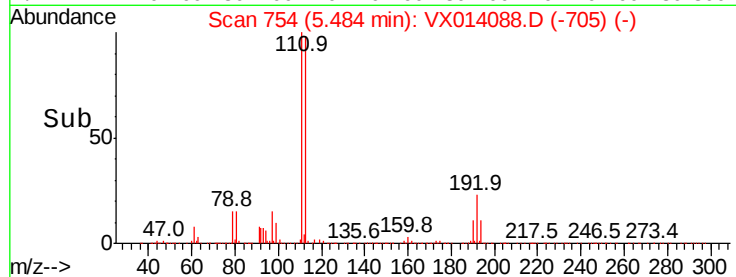
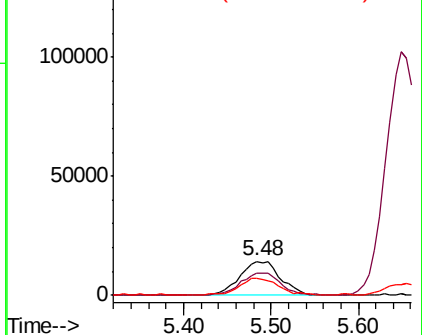
61 47.6 36.7 55.1



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.109 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014088.D

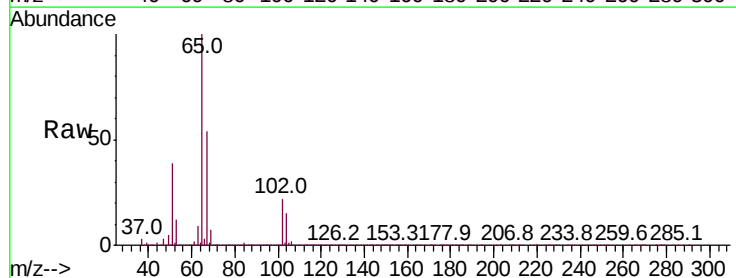
Acq: 18 Dec 2019 11:54

Tgt Ion: 65 Resp: 313395

Ion Ratio Lower Upper

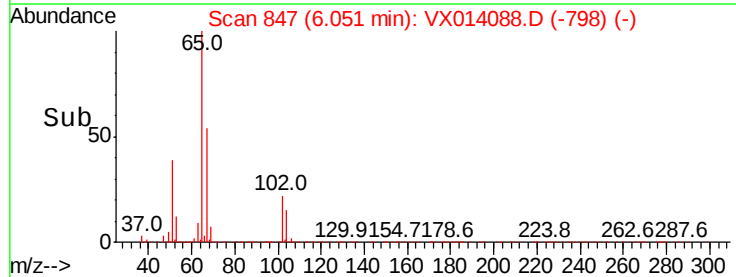
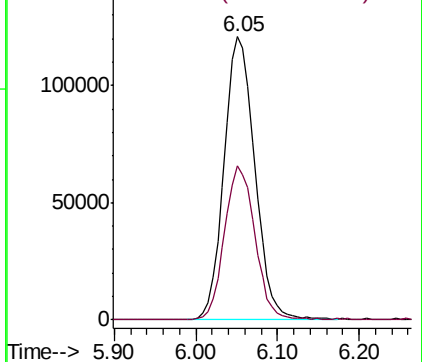
65 100

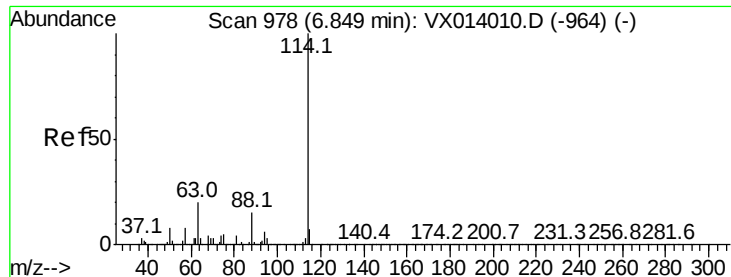
67 53.6 0.0 106.4



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

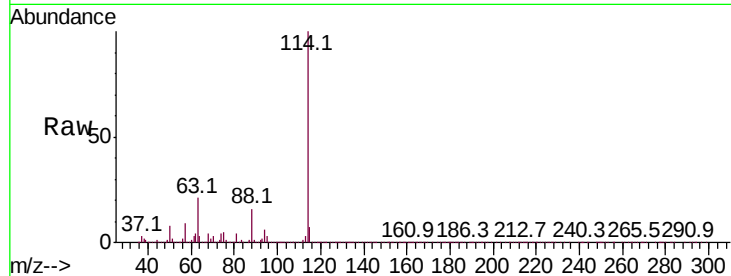
Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208

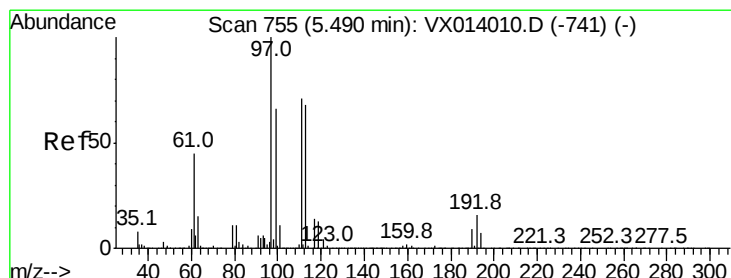
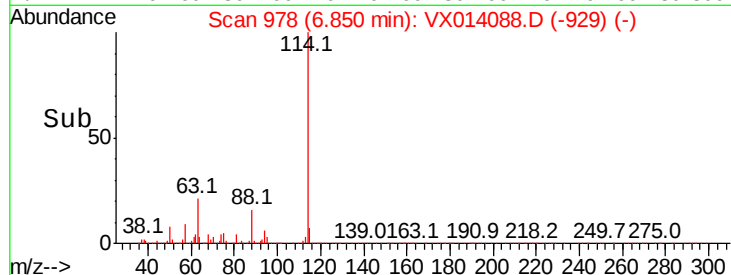
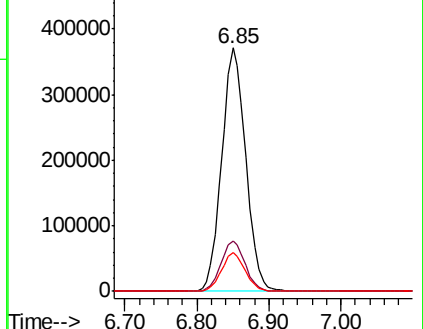
Tot Ion:	114	Resp:	862457
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.0	0.0	30.4



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: 50.477 ug/l

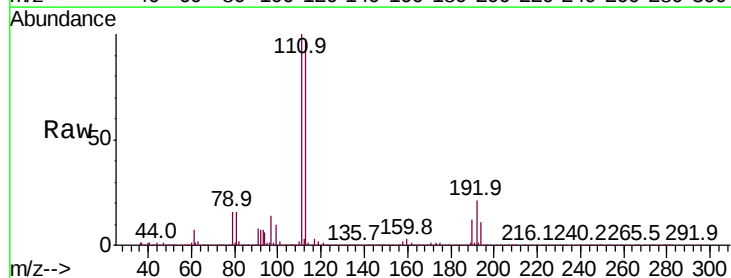
RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

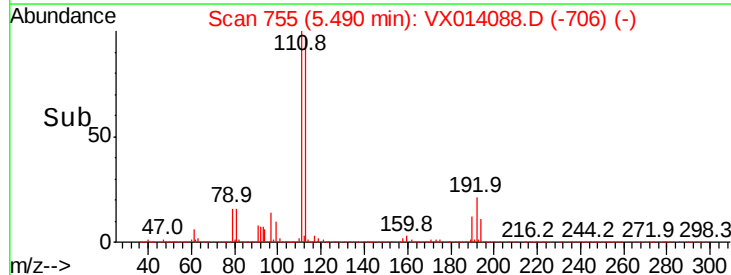
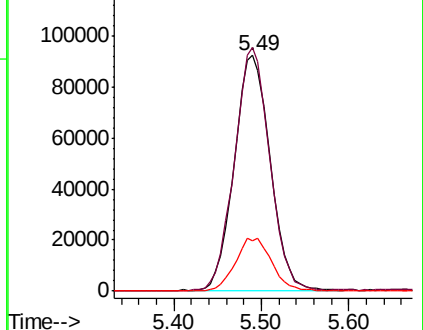
Tgt Ion:	113	Resp:	264642
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	22.9	19.3	28.9

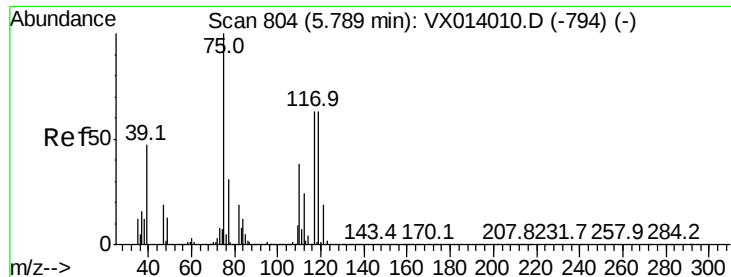


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.731 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ1901-20191208

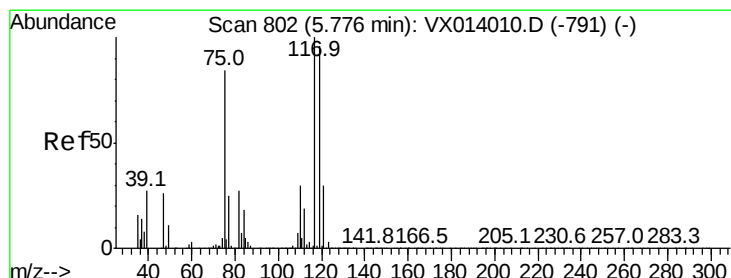
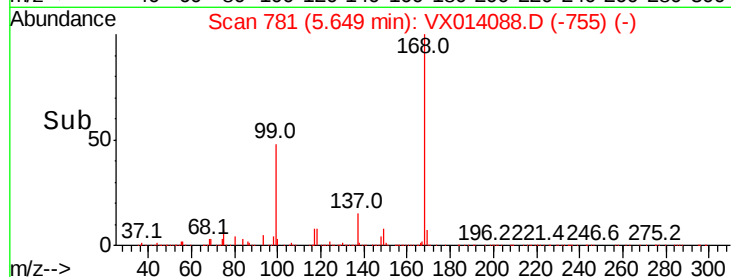
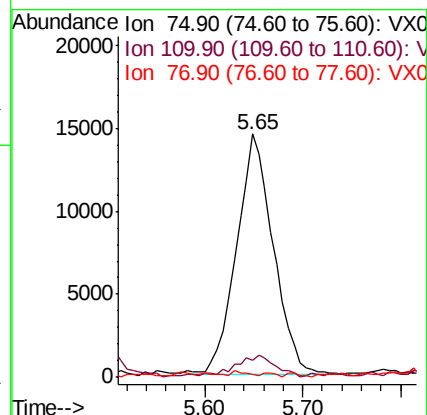
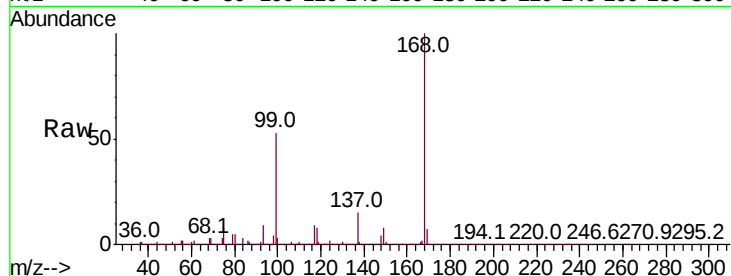
Tot Ion: 75 Resp: 37441

Ion Ratio Lower Upper

75 100

110 10.9 18.3 54.9#

77 0.7 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.620 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

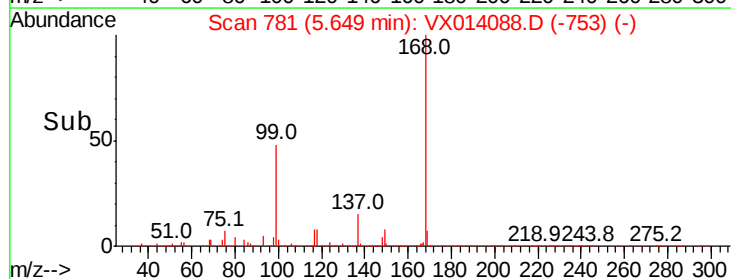
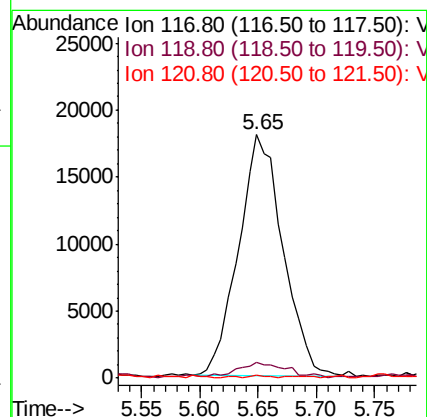
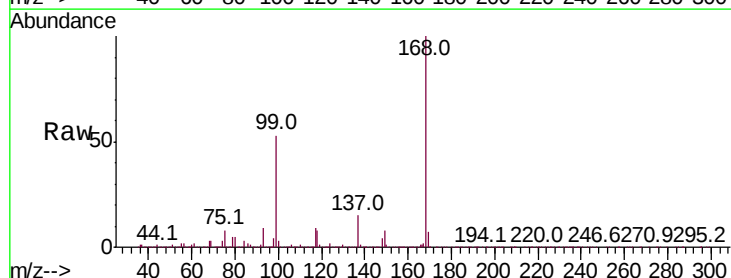
Tgt Ion: 117 Resp: 47724

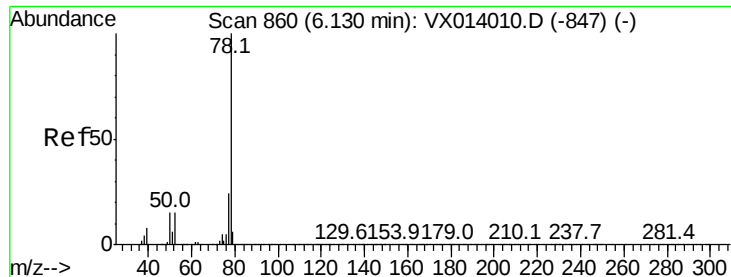
Ion Ratio Lower Upper

117 100

119 5.9 76.2 114.4#

121 0.0 23.6 35.4#





#40

Benzene

Concen: 0.473 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

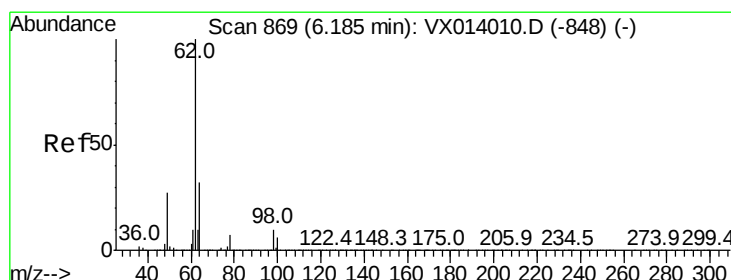
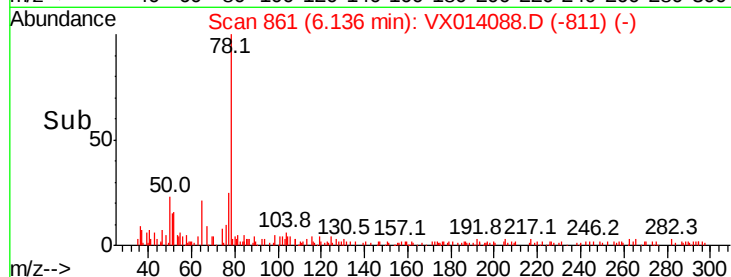
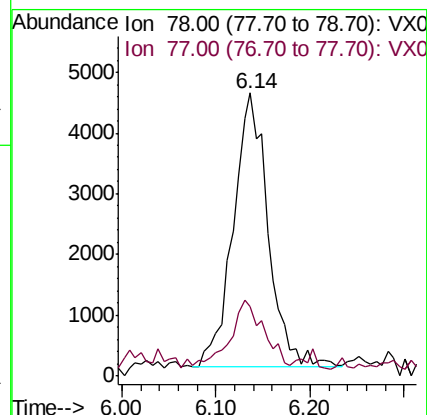
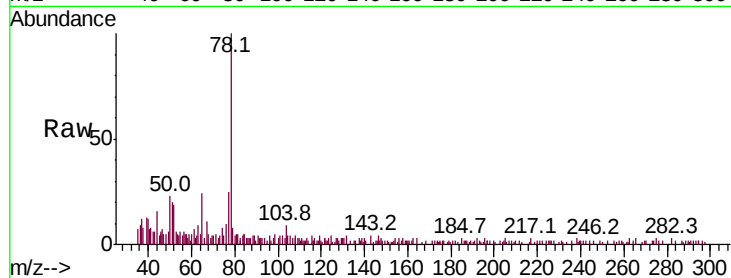
SA-PZ190I-20191208

Tot Ion: 78 Resp: 11507

Ion Ratio Lower Upper

78 100

77 21.6 18.8 28.2



#42

1,2-Dichloroethane

Concen: 0.271 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX014088.D

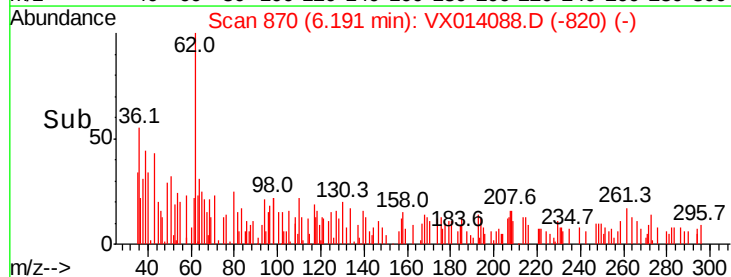
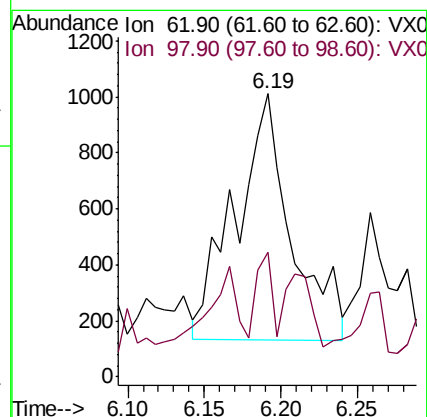
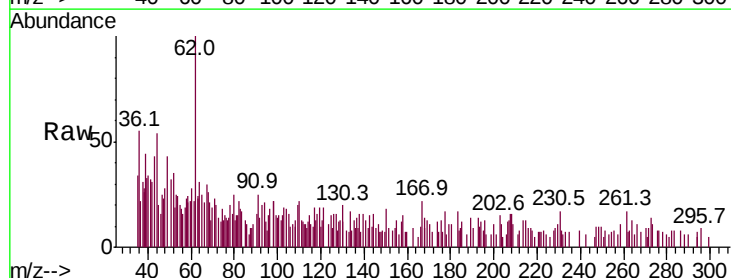
Acq: 18 Dec 2019 11:54

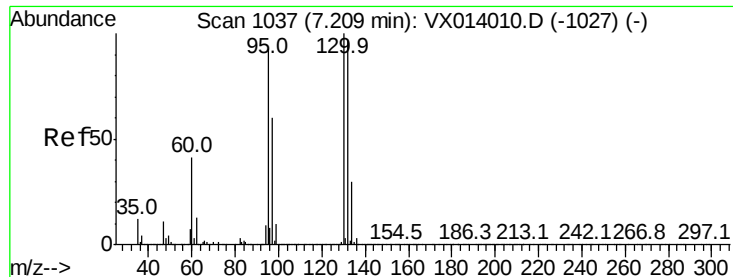
Tgt Ion: 62 Resp: 2237

Ion Ratio Lower Upper

62 100

98 12.0 0.0 21.0





#44

Trichloroethene

Concen: 0.279 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

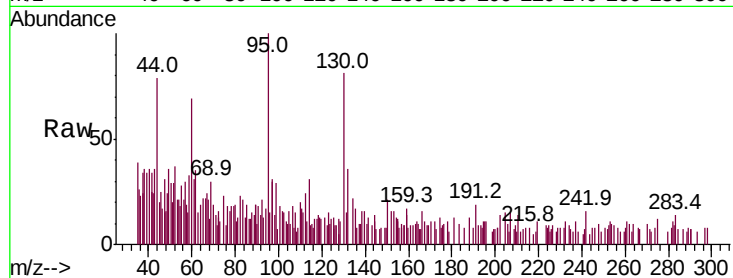
SA-PZ190I-20191208

Tot Ion:130 Resp: 1875

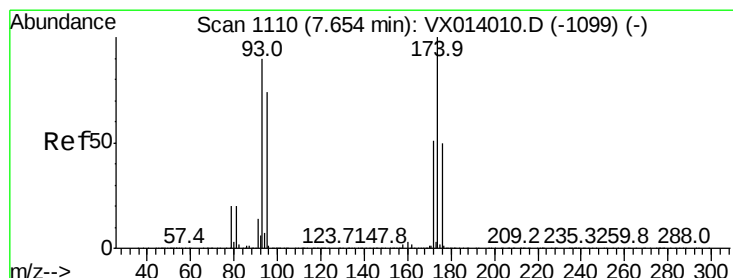
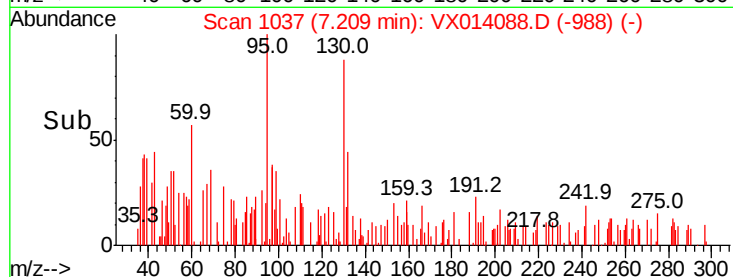
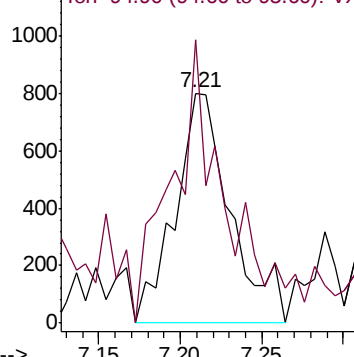
Ion Ratio Lower Upper

130 100

95 123.3 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V



#46

Dibromomethane

Concen: 0.336 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

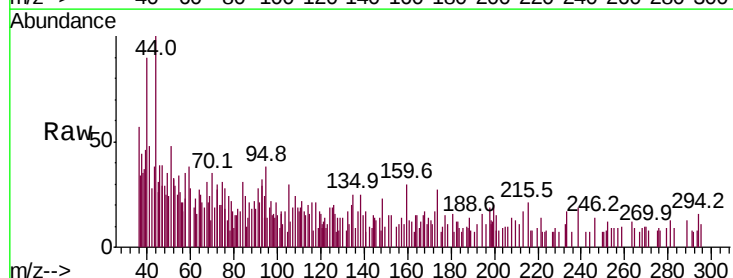
Tgt Ion: 93 Resp: 1385

Ion Ratio Lower Upper

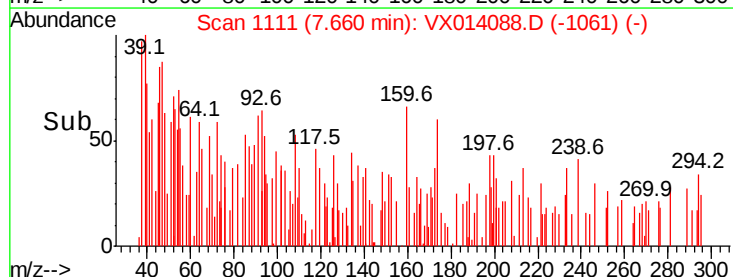
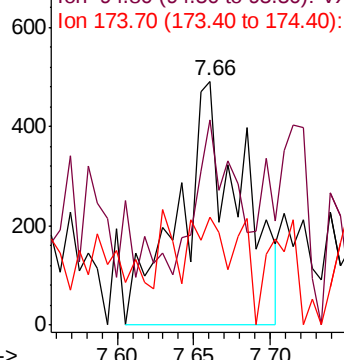
93 100

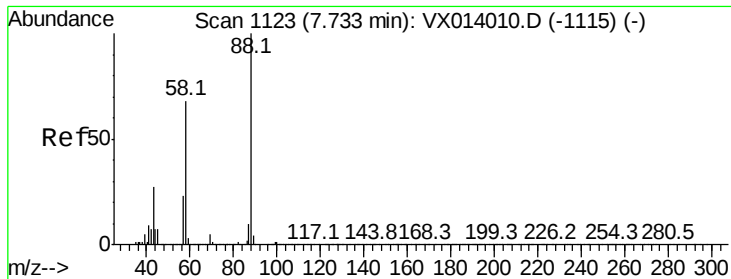
95 35.9 67.3 100.9#

174 23.7 91.6 137.4#



Abundance Ion 92.80 (92.50 to 93.50): VX0





#49

1,4-Dioxane

Concen: 2.970 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208

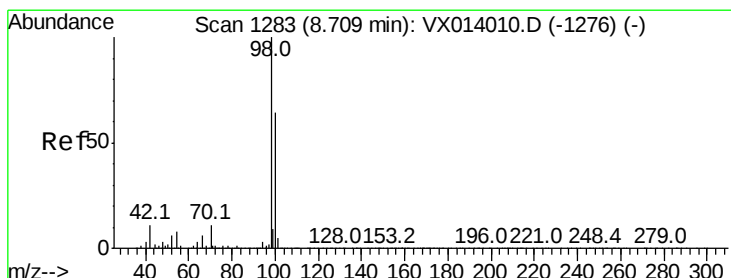
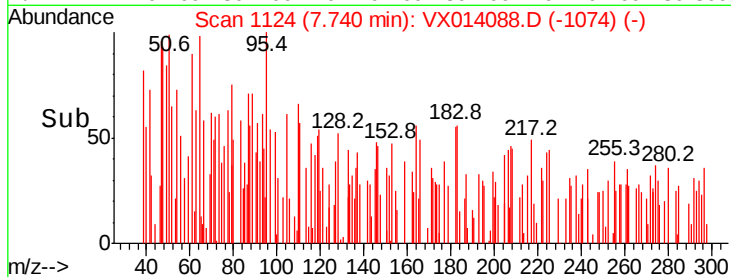
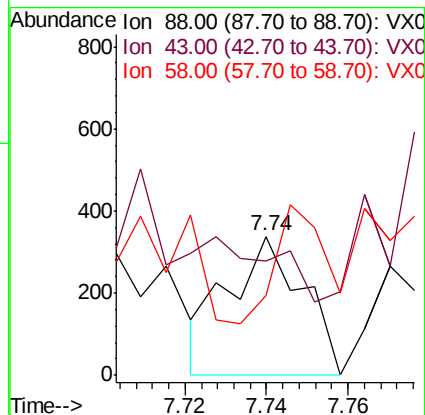
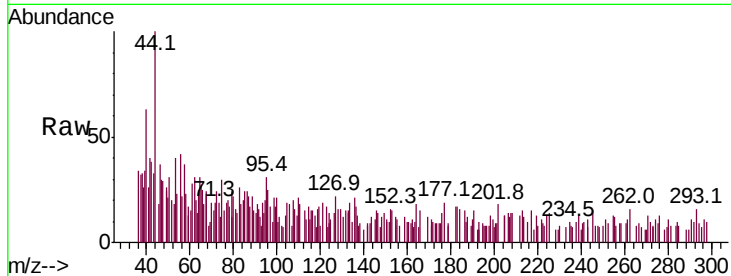
Tot Ion: 88 Resp: 428

Ion Ratio Lower Upper

88 100

43 0.0 26.5 39.7#

58 56.3 56.8 85.2#



#50

Toluene-d8

Concen: 50.107 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014088.D

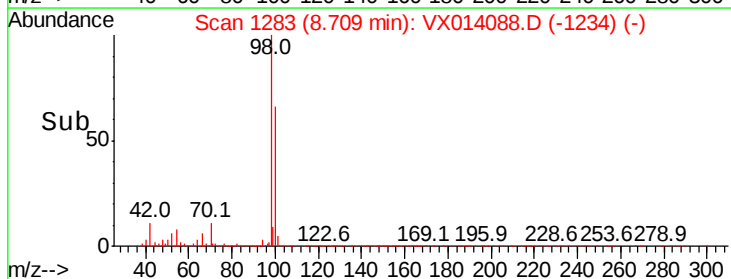
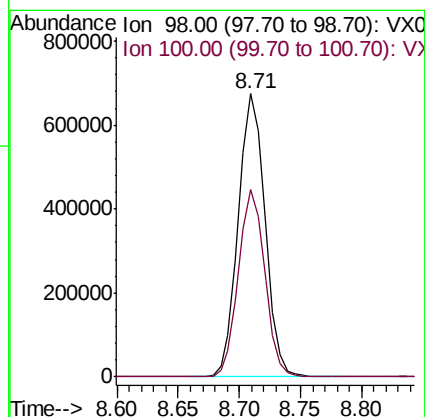
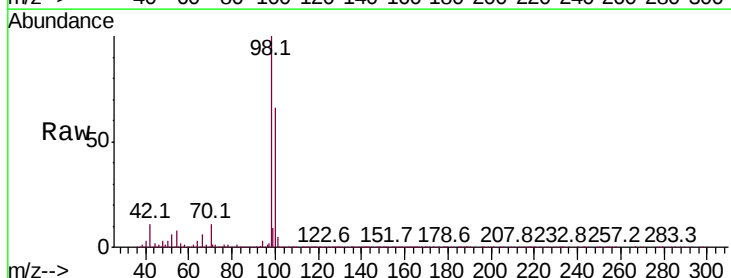
Acq: 18 Dec 2019 11:54

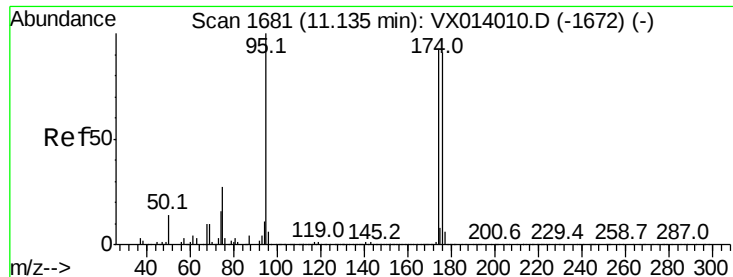
Tgt Ion: 98 Resp: 1022761

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 46.487 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208

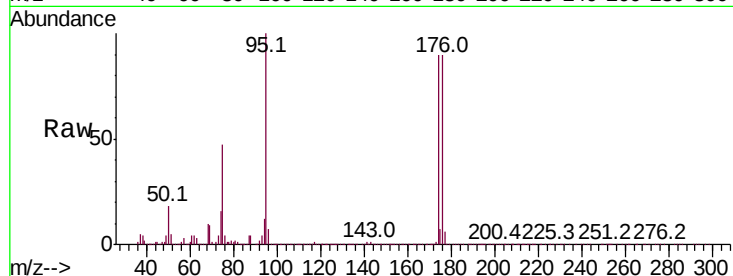
Tot Ion: 95 Resp: 346854

Ion Ratio Lower Upper

95 100

174 86.3 0.0 175.8

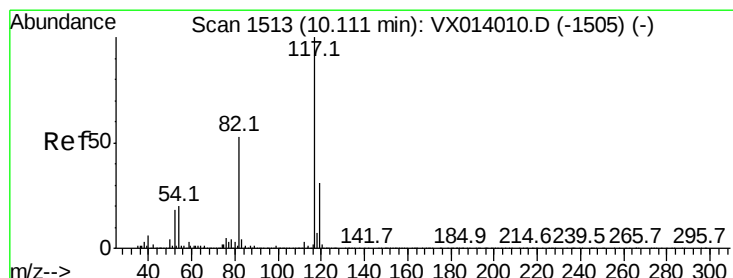
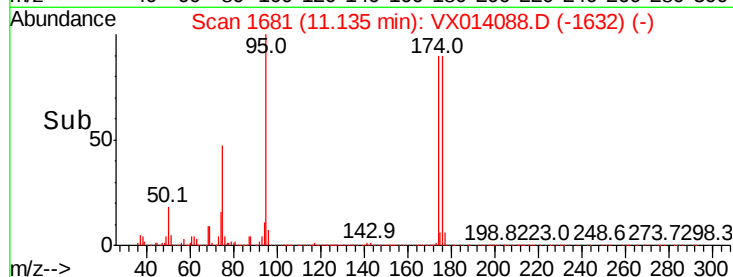
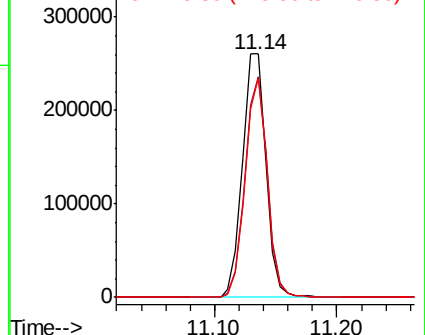
176 84.5 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

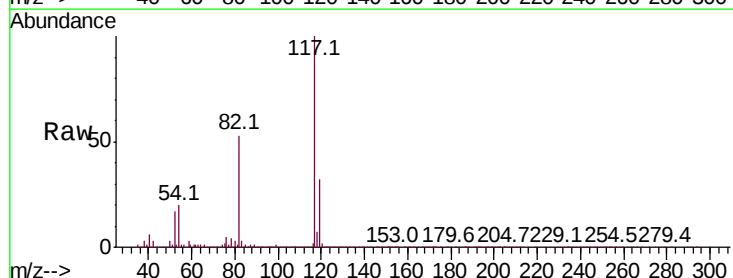
Tgt Ion: 117 Resp: 772517

Ion Ratio Lower Upper

117 100

82 52.7 42.2 63.4

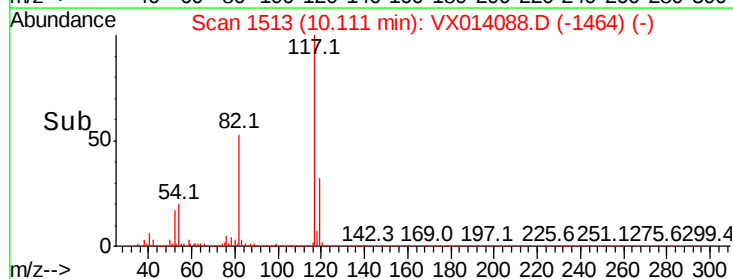
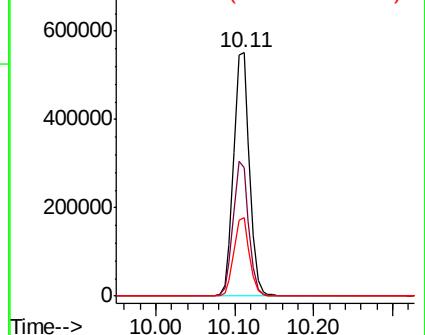
119 32.0 25.1 37.7

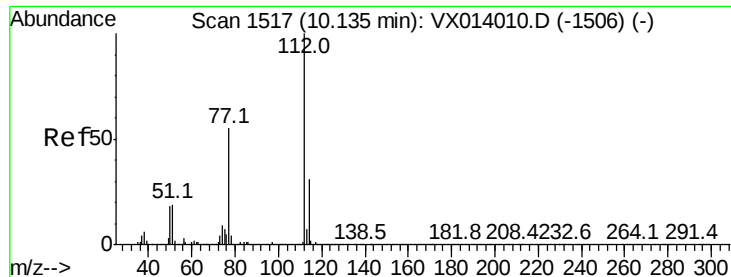


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 0.583 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

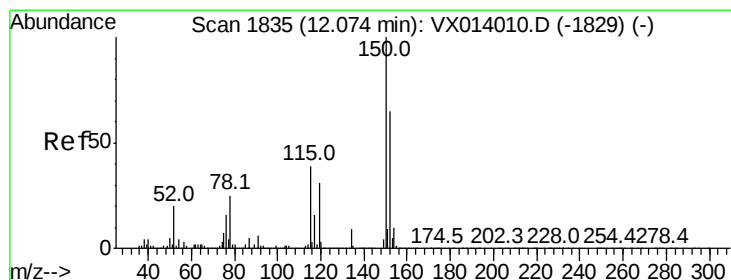
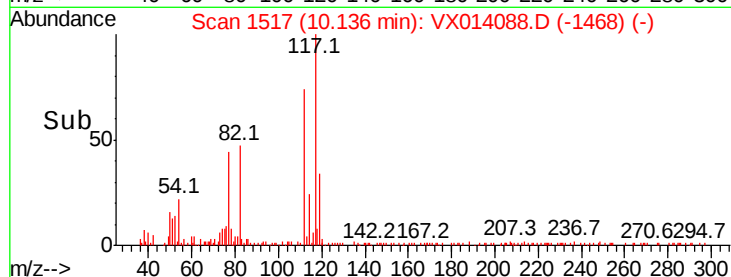
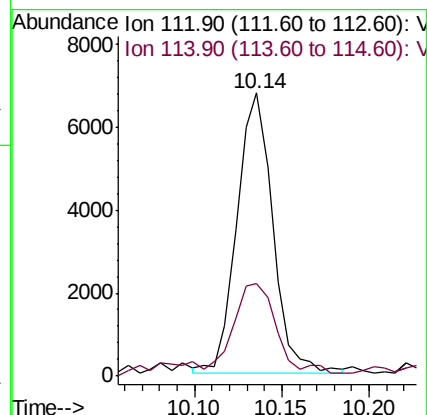
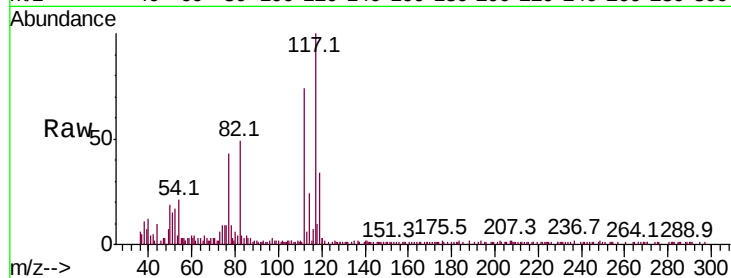
SA-PZ190I-20191208

Tot Ion:112 Resp: 9570

Ion Ratio Lower Upper

112 100

114 32.6 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

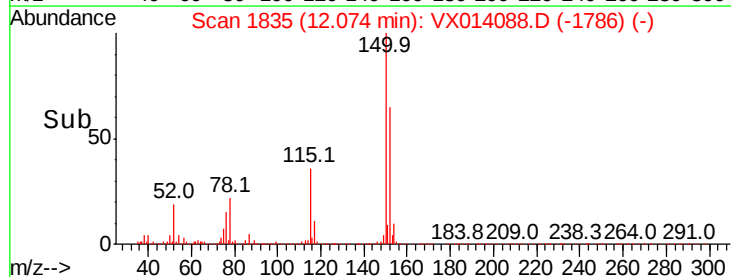
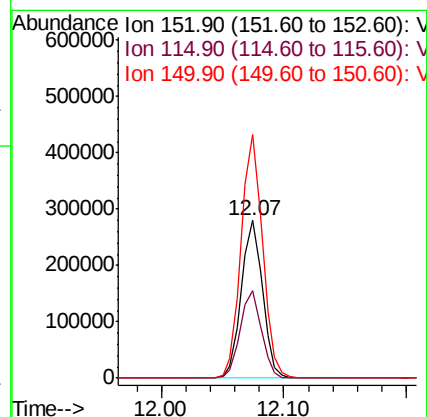
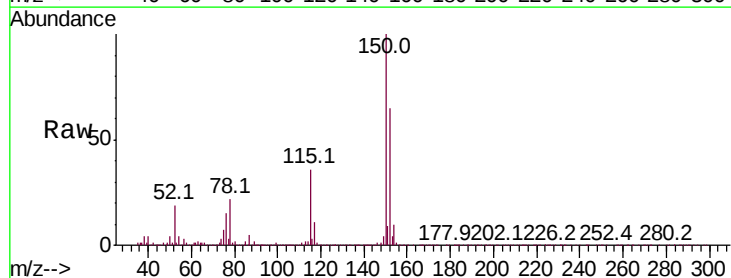
Tgt Ion:152 Resp: 333671

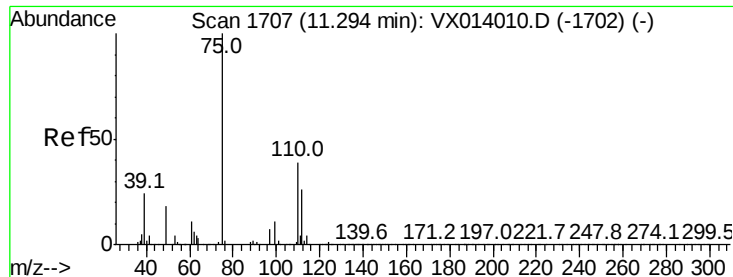
Ion Ratio Lower Upper

152 100

115 55.6 38.3 114.9

150 155.9 0.0 345.4





#76

1,2,3-Trichloropropane

Concen: 23.351 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

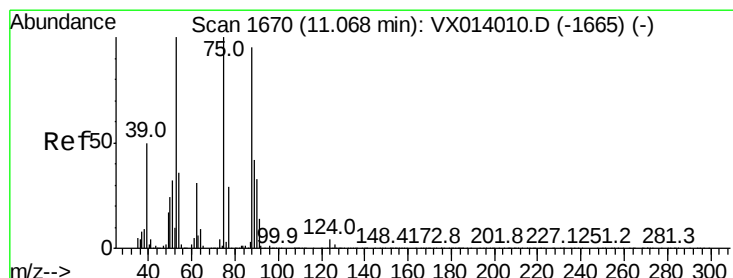
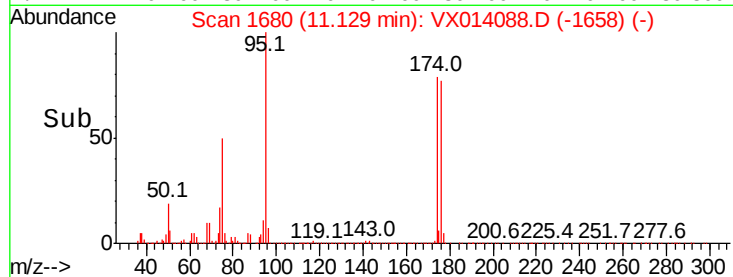
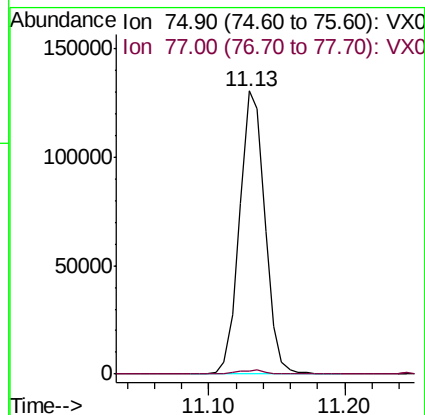
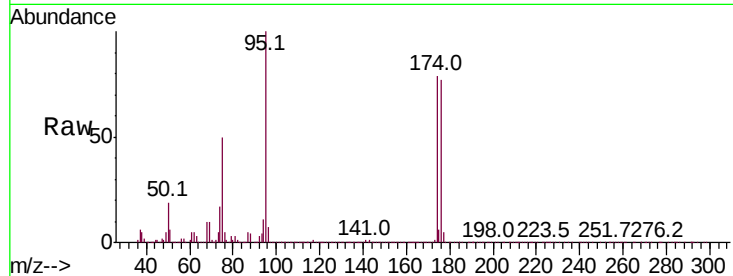
SA-PZ190I-20191208

Tot Ion: 75 Resp: 169150

Ion Ratio Lower Upper

75 100

77 1.5 19.3 57.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.907 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

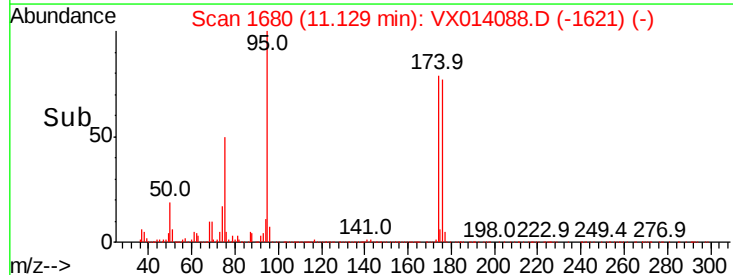
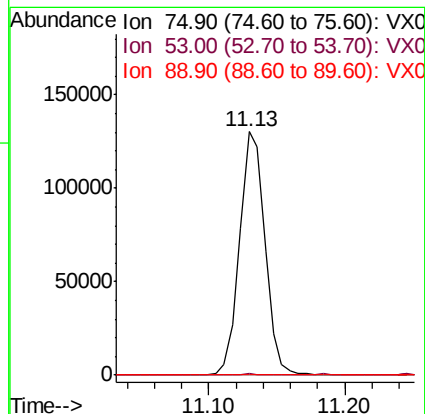
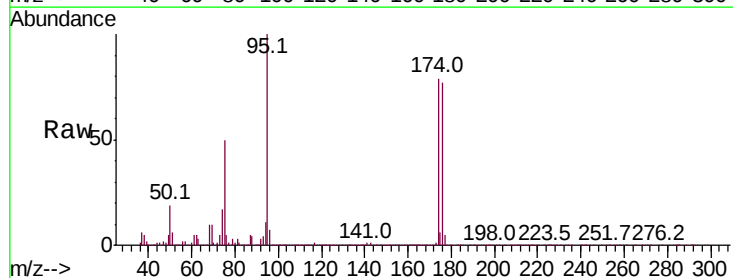
Tgt Ion: 75 Resp: 169150

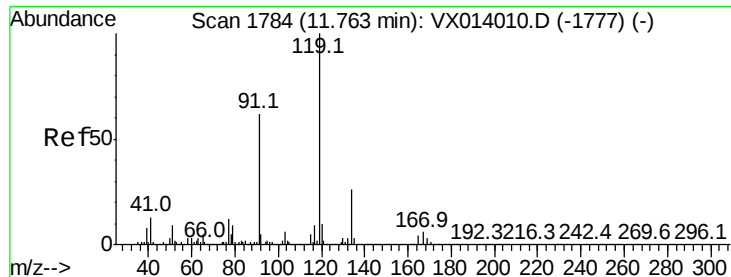
Ion Ratio Lower Upper

75 100

53 0.3 76.7 115.1#

89 0.0 34.6 51.8#

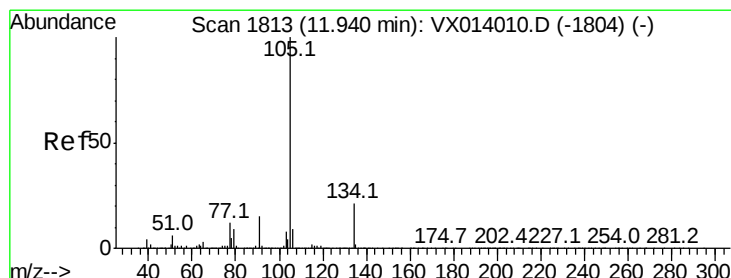
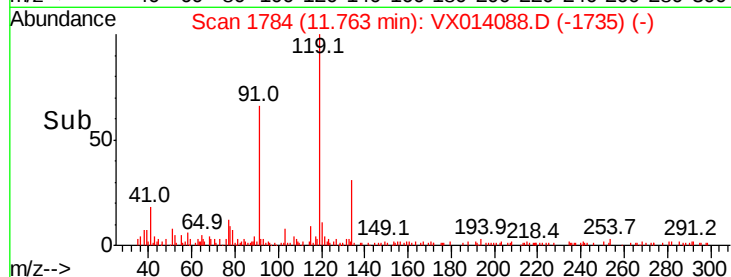
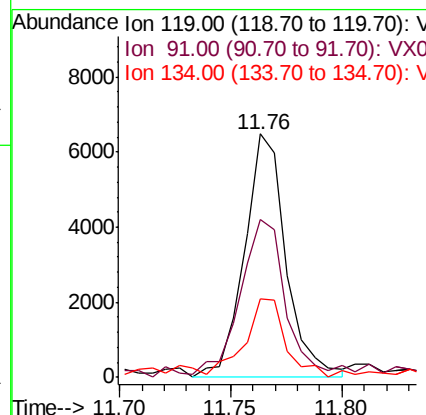
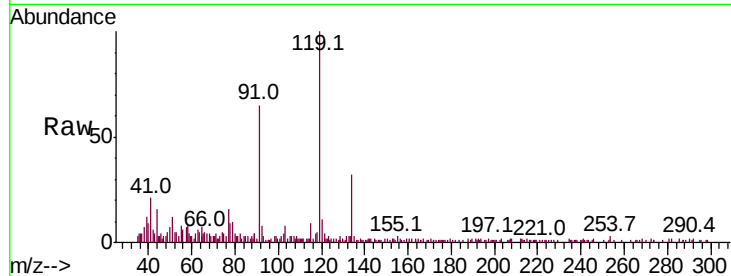




#83
tert-Butylbenzene
Concen: 0.439 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014088.D
Acq: 18 Dec 2019 11:54

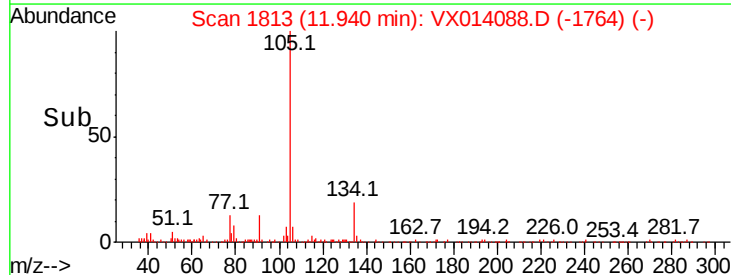
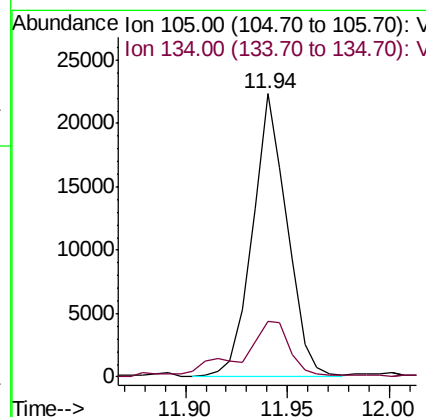
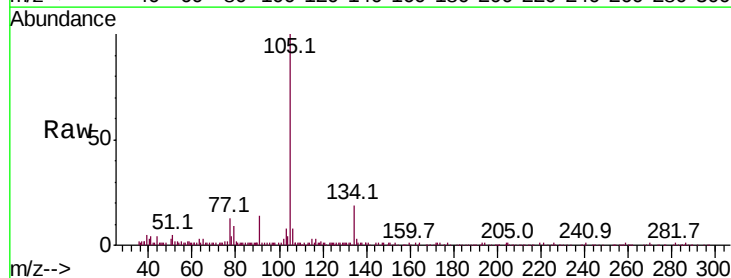
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

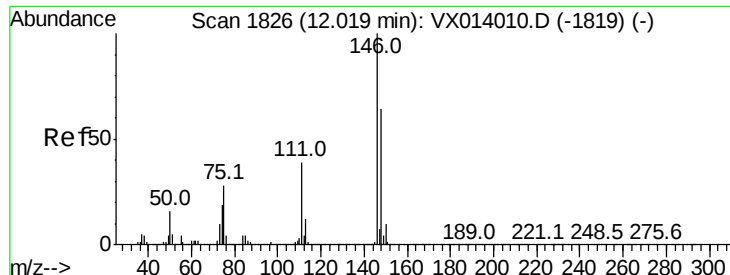
Tot Ion	Ratio	Lower	Upper
119	100		
91	72.2	28.5	85.6
134	30.0	12.2	36.6



#85
sec-Butylbenzene
Concen: 1.149 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX014088.D
Acq: 18 Dec 2019 11:54

Tgt Ion	Ratio	Lower	Upper
105	100		
134	30.0	10.4	31.1





#87

1,3-Dichlorobenzene

Concen: 0.922 ug/l

RT: 12.02 min Scan# 1826

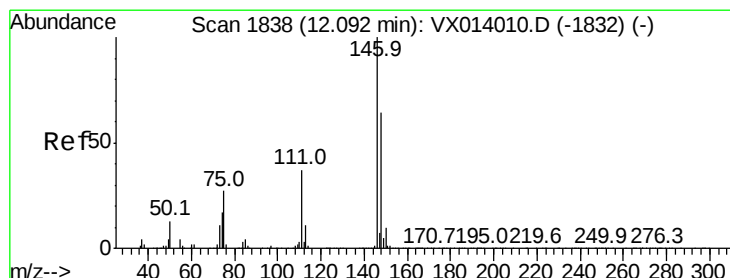
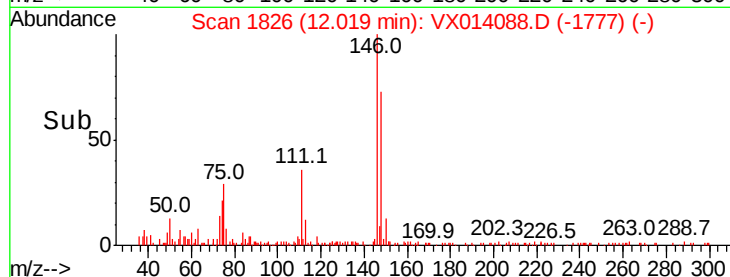
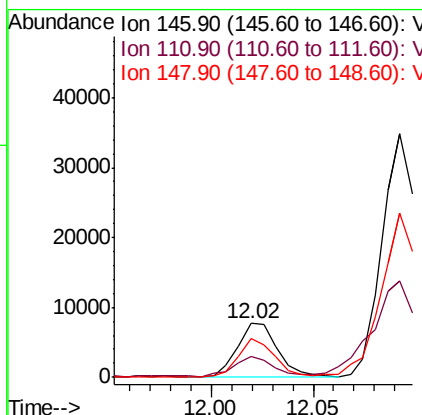
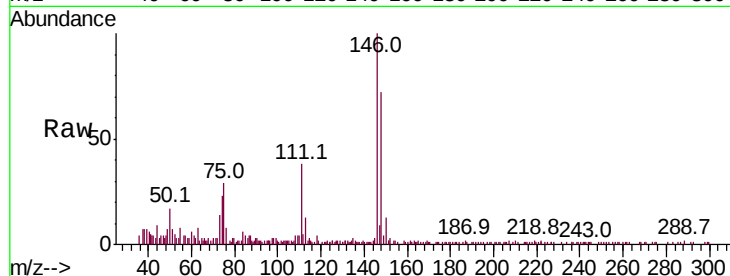
Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	19.1	57.1
148	65.7	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 3.780 ug/l

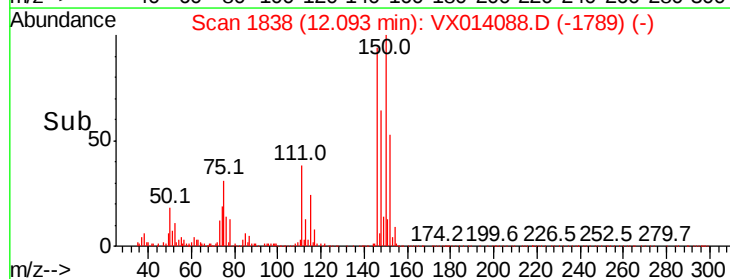
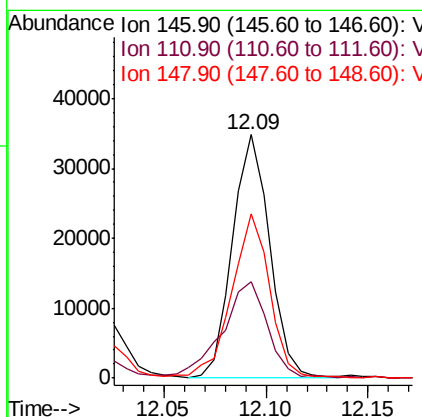
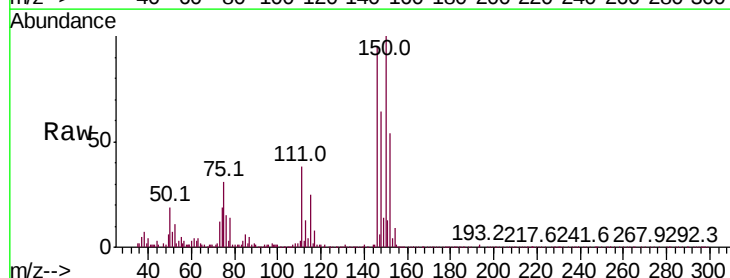
RT: 12.09 min Scan# 1838

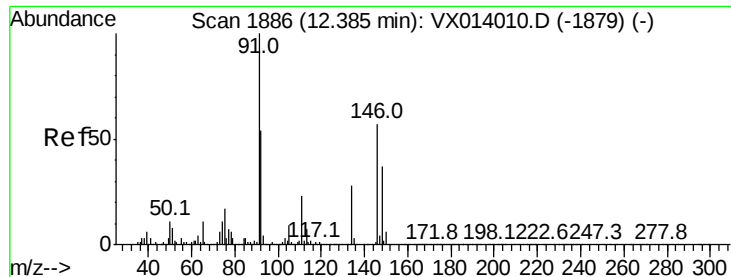
Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.5	18.7	56.1
148	69.4	31.9	95.9





#91

1,2-Dichlorobenzene

Concen: 1.257 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208

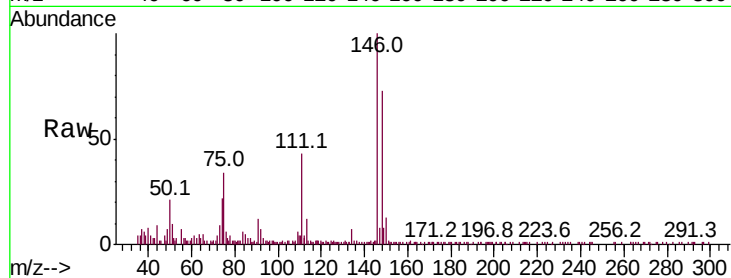
Tot Ion:146 Resp: 14334

Ion Ratio Lower Upper

146 100

111 43.3 19.7 59.1

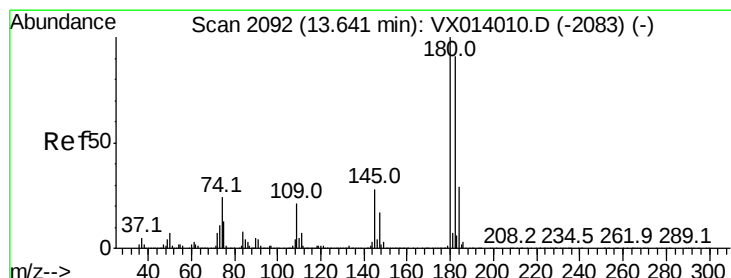
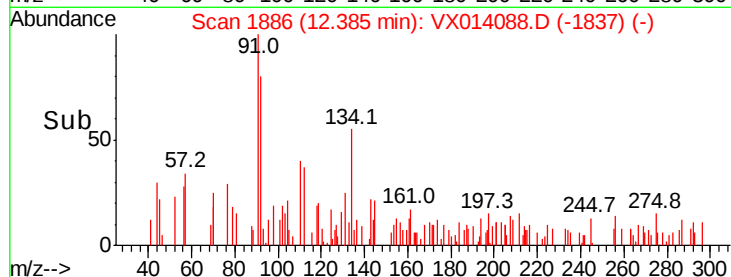
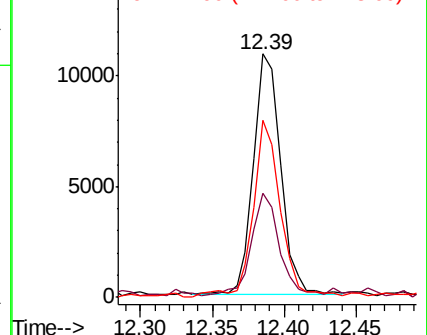
148 73.1 32.1 96.5



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



#93

1,2,4-Trichlorobenzene

Concen: 0.665 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

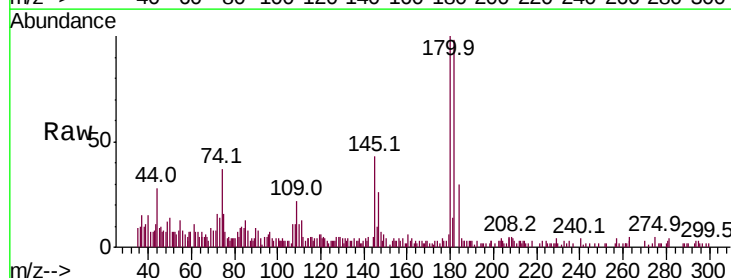
Tgt Ion:180 Resp: 4928

Ion Ratio Lower Upper

180 100

182 104.7 46.6 139.8

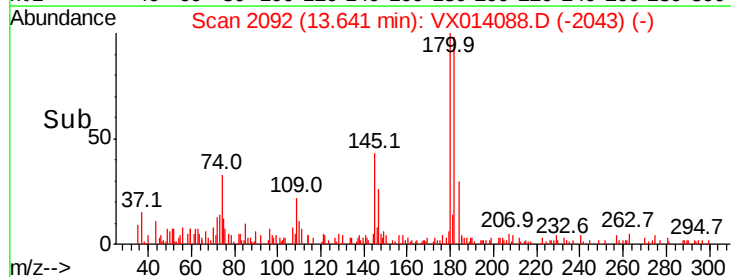
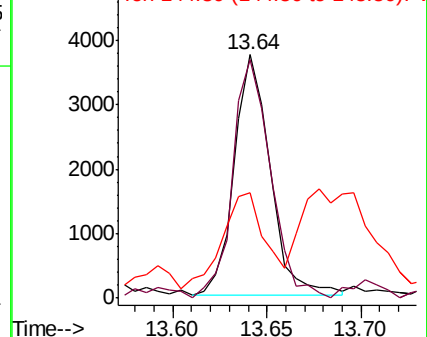
145 52.9 14.2 42.6#

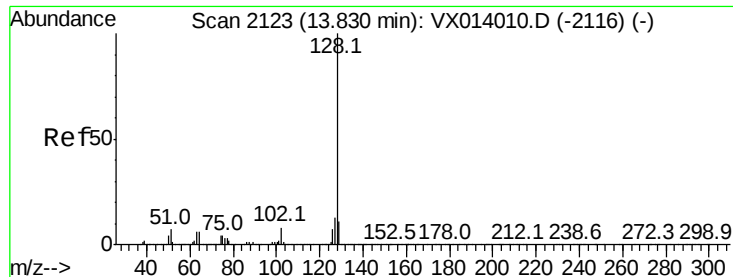


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 0.258 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208

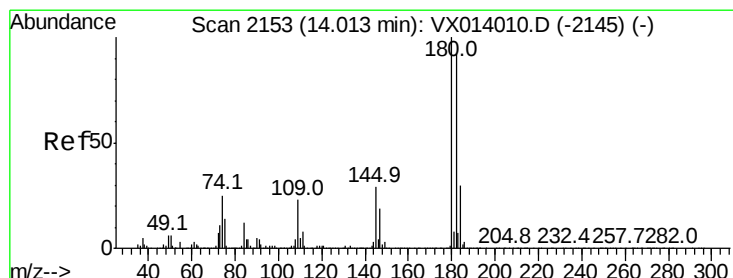
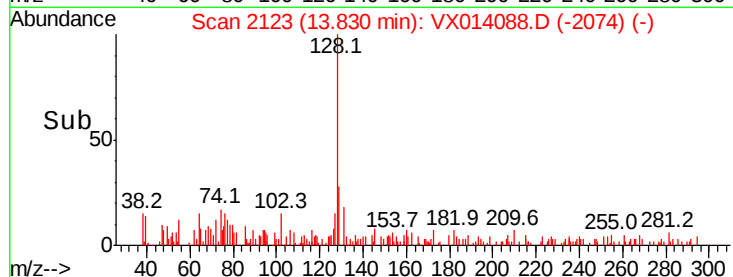
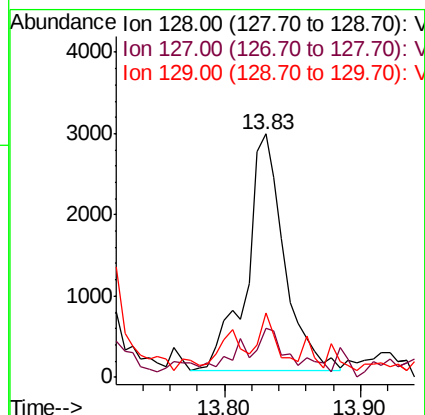
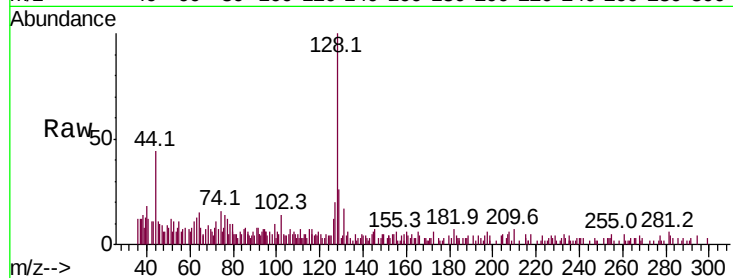
Tot Ion:128 Resp: 5616

Ion Ratio Lower Upper

128 100

127 20.0 10.2 15.4#

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.384 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014088.D

Acq: 18 Dec 2019 11:54

Tgt Ion:180 Resp: 2806

Ion Ratio Lower Upper

180 100

182 108.6 46.8 140.3

145 95.3 14.8 44.4#

